

Two-Sites Are Better Than One: Revisiting the OER Mechanism on CoOOH by DFT with Electrode Polarization.

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SUPPORTING INFORMATION

Selection of reaction steps

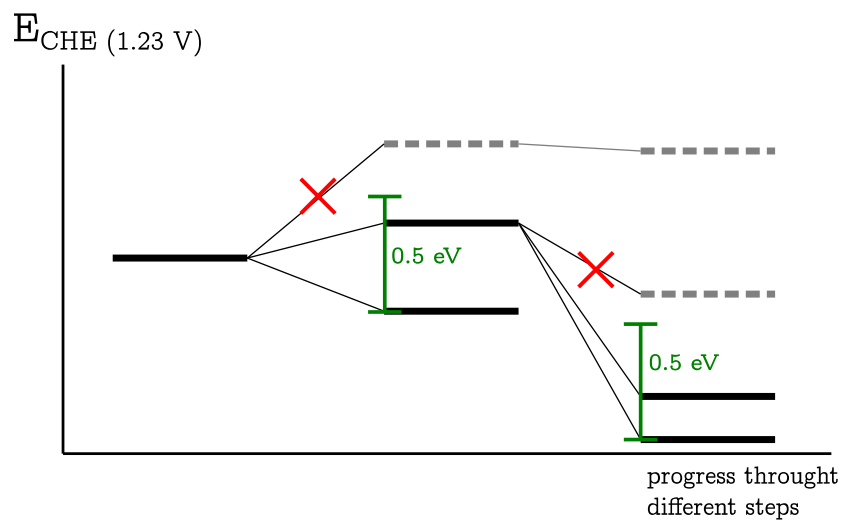


Figure S1: Illustration of mechanism selection criterion. 0.5-eV tolerance is represented by green segment.

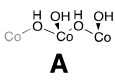
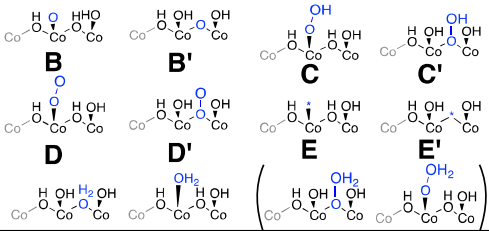
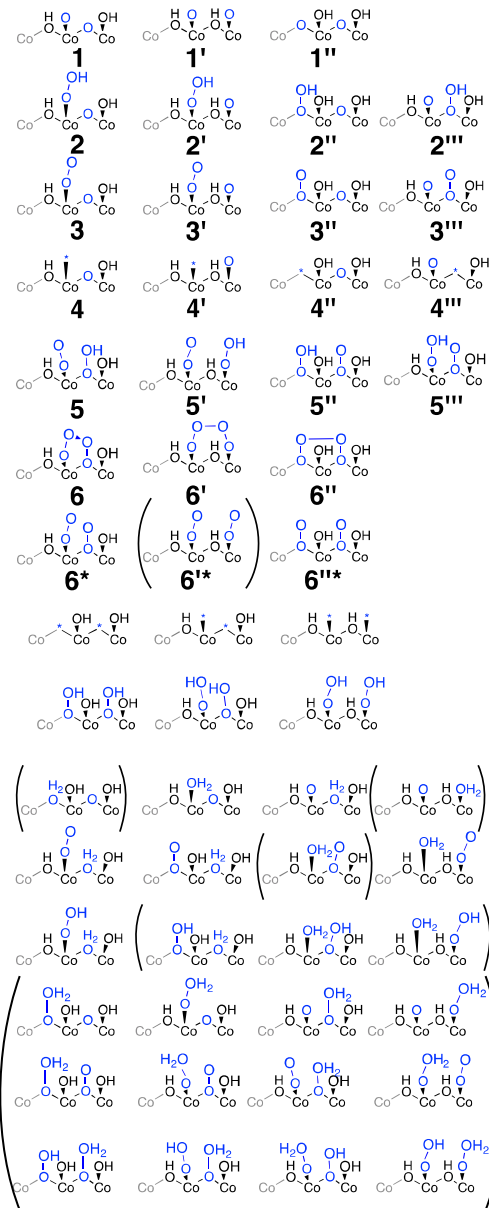
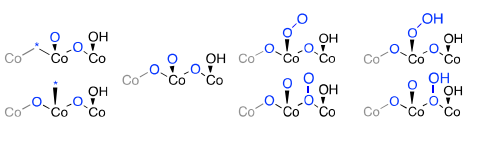
Reference	 <p>A</p>
1 site modification	 <p>B B' C C' D D' E E'</p>
2 sites modification	 <p>1 1' 1'' 2 2' 2'' 2''' 3 3' 3'' 3''' 4 4' 4'' 4''' 5 5' 5'' 5''' 6 6' 6'' 6''' 6* (6'*) 6''*</p>
3 sites modification	

Table S1: All intermediates computed. (in brackets, structures that could not be covered in the represented geometry). Labels correspond to the ones used in the main article.

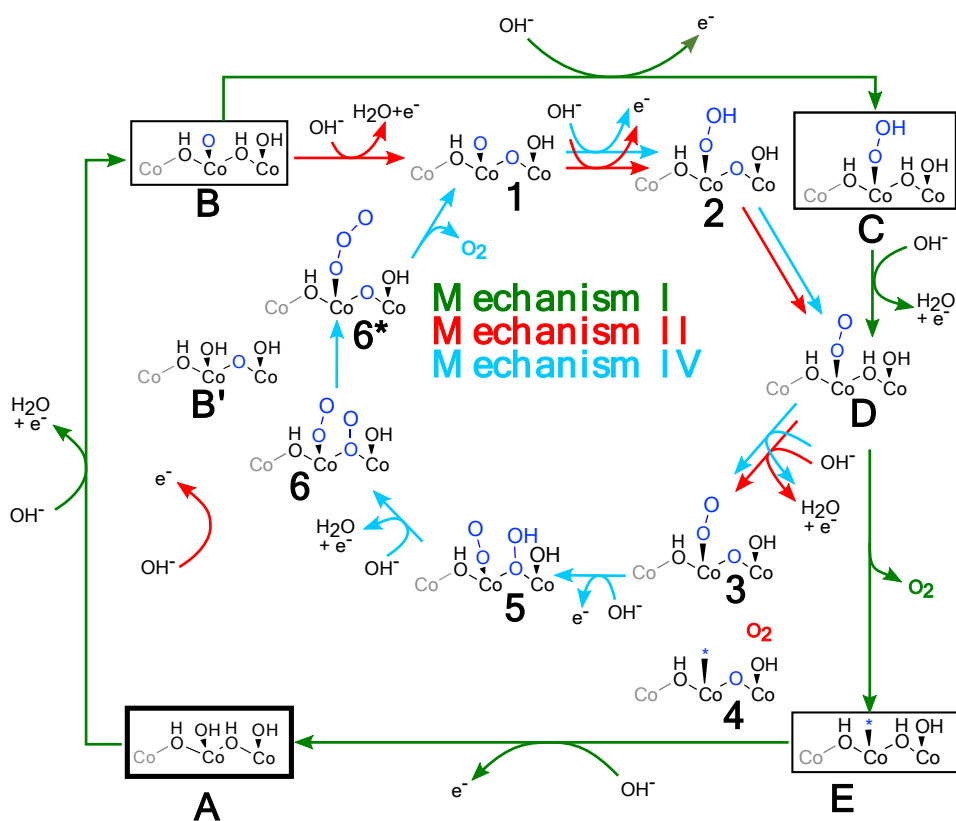


Figure S2: Best mechanisms after considering polarization effect and transition states.

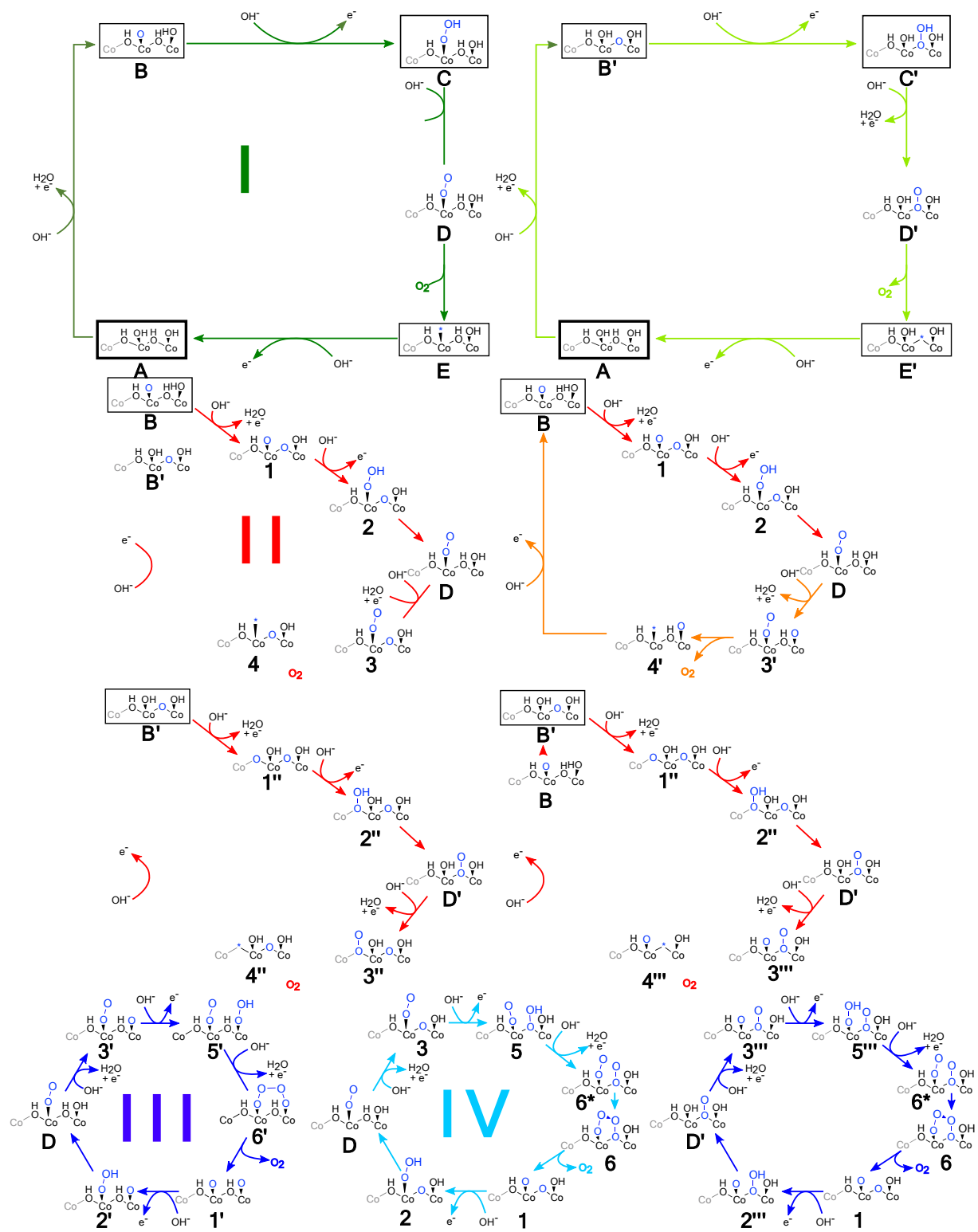


Figure S3: Comprehensive scheme of all reaction paths considered in the study. Best mechanisms are shown in Figure 2. The different shade of colours corresponds to the ones used in Figure S4.

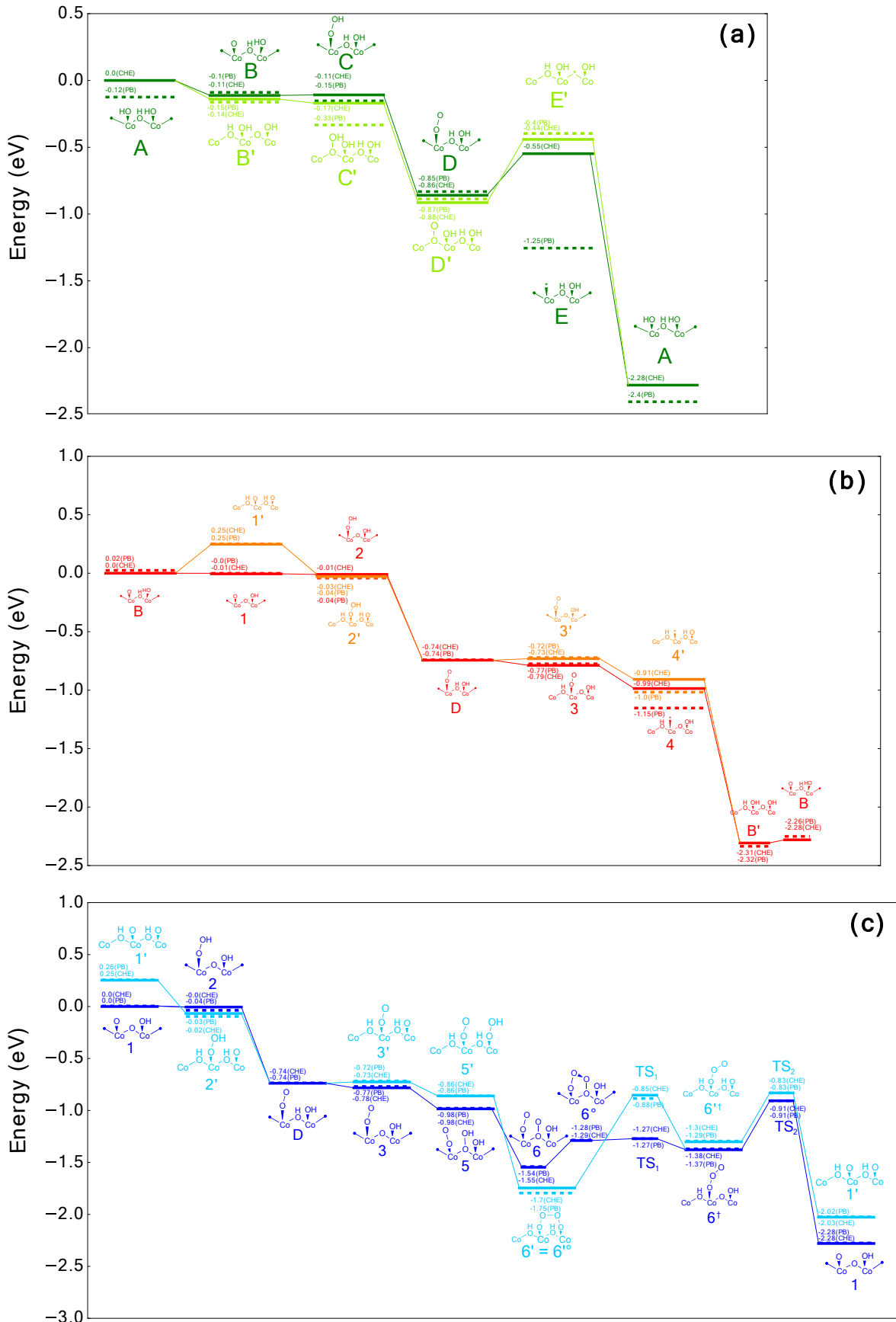


Figure S4: Detailed energy profiles and comparison between CHE (plain lines) and PB (dashed lines) approaches, for each mechanism, at 0.57V overpotential. (a), (b) and (c) refer to mechanism I, II and III respectively. Colors correspond to different configurations.

Transition States

Neglecting the activation barrier of desorption / adsorption reactions is a usual approximation in catalysis. In addition, the barrier of H dissociation and hopping steps have been shown to significantly decrease in water-assisted case¹. Most of the steps considered involve 1 site adsorption (OH^-) or 1 site desorption (H^+ , O_2) thus we assumed no activation barrier associated to these steps. Transition state study was operated only on the 2-sites O_2 desorption steps. Figure S5 illustrates the geometry of an obtained transition state. For transition states corresponding to 1-site O_2 desorption, thus corresponding to the escape of O_2 from the surface, no transition states were computing because it involves a two spin states (associated to an intersystem crossing of singlet oxygen to triplet oxygen) that are extremely difficult to model with a surface containing several Co atoms prone to change easily their spin and oxidations states.

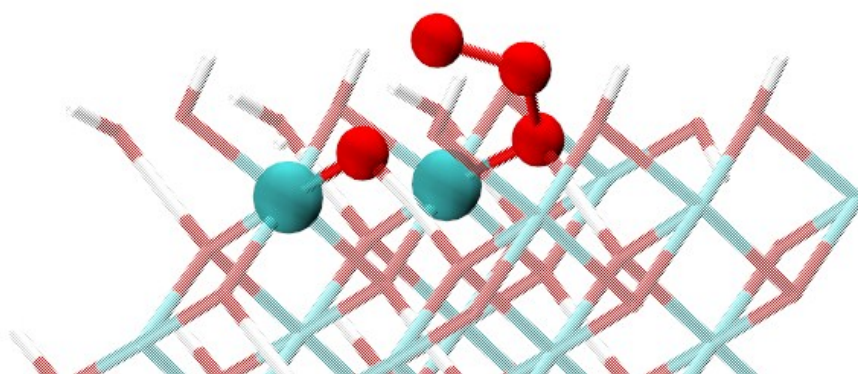
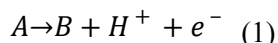


Figure S5: Computed transition state for the $6' \rightarrow 6'^{\dagger}$ step.

Free energy variation as a function of the potential

In the CHE model, the free energy of a surface does not depend on the applied potential (workfunction). And for an electrochemical step such as in (1), the Gibbs' free energy variation is given by (2). A pH 14 has been used on our modelling to get closer to real experimental conditions.



$$\Delta G = G_B + \left(\frac{1}{2} G_{H_2} - 0.059 pH \right) - U - G_A \quad (2)$$

Where the G_B and G_A Gibbs' free energies are computed at neutral charge, thus don't include any polarization of the surface induced by the applied electrochemical potential and the Gibbs' free energy of the step (ΔG) is linearly dependent to the potential (U).

In order to consider this potential, the total number of electrons in the surface was modified, along with a Poisson-Boltzmann distribution of counter charges for keeping electroneutrality (cf Computational Details). At oxidative potentials (region of interest) a quadratic dependence on the potential was observed (see Figure S6), which is in agreement with previous studies using this model on metal surfaces². When the surface charge is too high, this model loses its validity, therefore we limited the surface charge to 1 electron per cell in the parabolic fit.

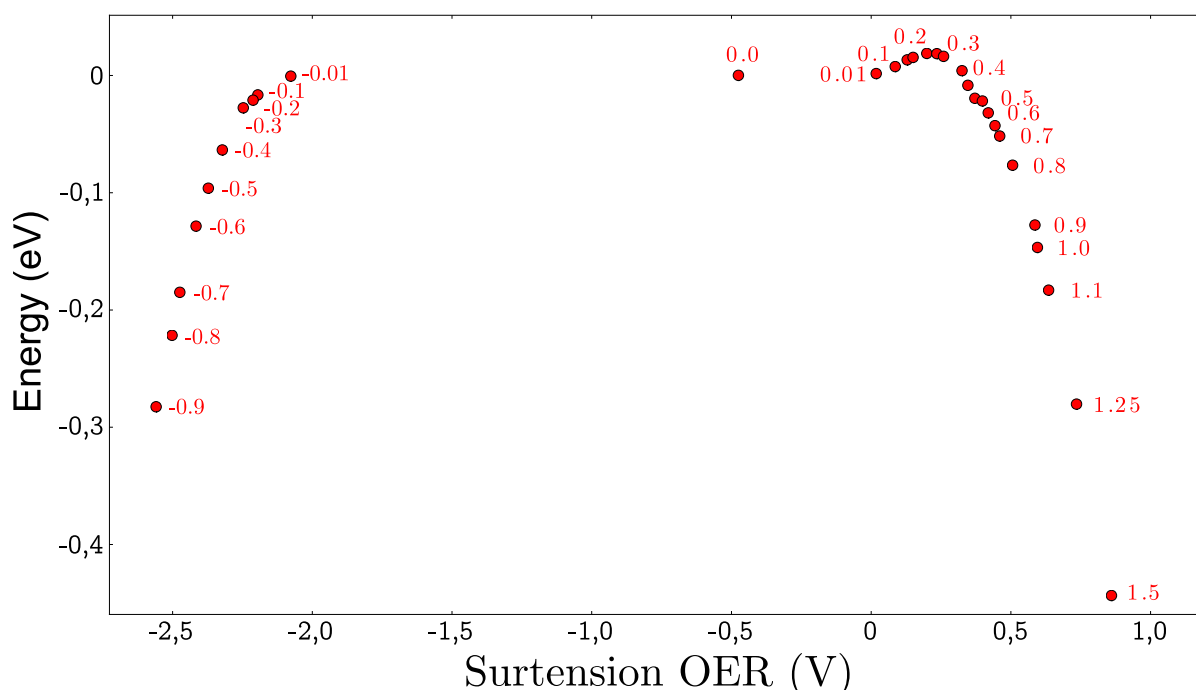


Figure S6: Free energy of A surface as a function of the overpotential. The potential versus SHE can be obtained by adding 1.23 V to the overpotential. The numbers given for each point correspond to the total charge of the slab used to obtain this potential.

Because in this approach, the Gibbs' free energy of each intermediate depends on the potential, the Gibbs' energy associated to a step is no longer linear with the potential (equation (3)).

$$\Delta G = G_B(U) + \left(\frac{1}{2}G_{H_2} - 0.059pH \right) - U - G_A(U) \quad (3)$$

Readers interested by interested by this approach are invited to read to following reference where it is presented in more details.³

References

- 1 J. Fester, M. García-Melchor, A. S. Walton, M. Bajdich, Z. Li, L. Lammich, A. Vojvodic and J. V. Lauritsen, *Nat. Com.*, 2017, **8**, 6–13.
- 2 S. N. Steinmann and P. Sautet, *J. Phys. Chem. C*, 2016, **120**, 5619–5623.
- 3 Y. Hajar, L. Treps, C. Michel, E. Baranova and S. Steinmann, *Catal. Sci. Technol.*, 2019, 10.1039/c9cy01421g.

List of optimized structures for 0 charge systems. POSCAR format.

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Selective dynamics

Direct

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0.9153790365547937	0.3276709245676831	0.3955443057831226	T	T	T
0.9199080342703472	0.7954177411355755	0.4043211109925496	T	T	T
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0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
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0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
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0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0800919657296532	0.2045822588644244	0.5956788890074501	T	T	T
0.0846209634452063	0.6723290754323168	0.6044556942168775	T	T	T
0.4167677739916538	0.1956373767173327	0.5995492475344965	T	T	T
0.4137878144211024	0.6817186161572217	0.6052432273372647	T	T	T
0.7485218766540043	0.1929977987060069	0.6002251451313547	T	T	T
0.7516201086558767	0.6851859354617111	0.6037979902809155	T	T	T
0.1779978497209636	0.1307374940269286	0.6392889741750576	T	T	T
0.9207123817844903	0.9518506271726301	0.6645709151454542	T	T	T
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0.5874097732840646	0.9532503739026562	0.6648866300088868	T	T	T
0.8678047272353620	0.1274625688396462	0.6347773294244824	T	T	T
0.8898343052249688	0.6179387194113483	0.6308680936130783	T	T	T
0.9171687745162255	0.4477393332641006	0.6651946531818014	T	T	T
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0.2283064781935130	0.3875327740667579	0.3741823551823376	T	T	T
0.6078146579593918	0.3890957053728120	0.3732865869966431	T	T	T
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0.4147106484701468	0.0966568264094883	0.3622300379271821	T	T	T
0.2421509821516348	0.8833969420207275	0.3757314270694441	T	T	T
0.0810016449439938	0.0988996673450184	0.3623597558242275	T	T	T
0.5781282519617795	0.8829628243090948	0.3760207497171572	T	T	T
0.9154674024937668	0.3946111902574506	0.3725842706168154	T	T	T
0.9202914444967831	0.8848255120465708	0.3768452109353810	T	T	T
0.2506297666548181	0.2075902250041572	0.4270189625362905	T	T	T
0.2518043467019264	0.7086477973447700	0.4269209982740907	T	T	T
0.5856455849971189	0.2061192613410809	0.4273288748021611	T	T	T
0.5823591710180788	0.7087708695436192	0.4269026768786757	T	T	T
0.9121223067215242	0.2061488176075703	0.4279582340524700	T	T	T
0.9176233710382489	0.7109394127751488	0.4272191484105872	T	T	T
0.0813523249291203	0.0190522478230630	0.4425083078184623	T	T	T
0.0825546386819741	0.5206949479713755	0.4421364659488749	T	T	T
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0.7512992086087261	0.5200897761589255	0.4422720736065376	T	T	T
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0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
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0.2487007913912735	0.4799102238410747	0.5577279263934622	T	T	T
0.2519403677352781	0.9799802142129228	0.5575822623016328	T	T	T
0.5828279826084459	0.4812562377041822	0.5581407129915816	T	T	T
0.5847092774527674	0.9814216303204337	0.5575091874917313	T	T	T
0.9174453613180260	0.4793050520286249	0.5578635340511255	T	T	T
0.9186476750708794	0.9809477521769367	0.5574916921815373	T	T	T
0.0823766289617583	0.2890605872248515	0.5727808515894131	T	T	T
0.0878776932784758	0.7938511823924294	0.5720417659475304	T	T	T
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0.4143544150028812	0.7938807386589193	0.5726711251978386	T	T	T
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0.7493702333451819	0.7924097749958428	0.5729810374637092	T	T	T
0.0797085555032172	0.1151744879534294	0.6231547890646195	T	T	T
0.0845325975062260	0.6053888097425487	0.6274157293831847	T	T	T
0.4218717480382205	0.1170371756909053	0.6239792502828424	T	T	T
0.9189983550560060	0.9011003326549821	0.6376402441757725	T	T	T
0.7578490178483648	0.1166030579792723	0.6242685729305556	T	T	T
0.5852893515298533	0.9033431735905120	0.6377699620728174	T	T	T
0.9162518731296504	0.3967789959735435	0.6383279389022969	T	T	T
0.2525922992713034	0.9048053711479203	0.6382408606231809	T	T	T
0.3921853420406154	0.6109042946271879	0.6267134130033561	T	T	T
0.7716935218064875	0.6124672259332420	0.6258176448176626	T	T	T
0.2494034655093849	0.3954262250264430	0.6381768281562061	T	T	T
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Selective dynamics

Direct

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0.2481900944677377	0.0501361364239639	0.4005179462754868	T	T	T
0.9155232044720609	0.0488747123879778	0.4000892947670557	T	T	T
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0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
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0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
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0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0845640173896577	0.4510361478810535	0.6000947196359350	T	T	T
0.0844767955279391	0.9511252876120223	0.5999107052329442	T	T	T
0.7518099055322623	0.9498638635760360	0.5994820537245128	T	T	T
0.4183003647197326	0.9503636221225557	0.5994142755504651	T	T	T

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0.7424838324271906	0.5435119743865080	0.3347976262155323	T	T	T
0.4712958875042751	0.3752502569556990	0.3622459729529346	T	T	T
0.8222516081225349	0.3707522157497777	0.3601370410586857	T	T	T
0.7450750905586462	0.0419975611973640	0.3350107650405622	T	T	T
0.0869739527510735	0.5470206099850319	0.3345414034678280	T	T	T
0.1271848272919762	0.3753822491526713	0.3683112734814523	T	T	T
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0.4133907744980529	0.0477212011078514	0.3345525487888107	T	T	T
0.4714137315462176	0.8724604754408735	0.3628574174862010	T	T	T
0.0812681400913862	0.0481957303520593	0.3345927853308366	T	T	T
0.8318216396843917	0.8694327289588660	0.3581955836625796	T	T	T
0.2496115606436103	0.3022725247559462	0.4023844286591343	T	T	T
0.2508644526997948	0.8096634992526606	0.3987780626745643	T	T	T
0.5824562538045807	0.3065147932372304	0.3994199364373422	T	T	T
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0.9178574307597868	0.2921061745085172	0.4043625317638118	T	T	T
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0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
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0.7491355473002049	0.1903365007473395	0.6012219373254355	T	T	T
0.7503884393563898	0.6977274752440539	0.5976155713408654	T	T	T
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0.9187318599086138	0.9518042696479411	0.6654072146691635	T	T	T
0.5285862684537822	0.1275395245591267	0.6371425825137990	T	T	T
0.5866092255019474	0.9522787988921484	0.6654474512111898	T	T	T
0.8728921772654182	0.1251207116565257	0.6336479124029780	T	T	T
0.8728151727080239	0.6246177508473285	0.6316887265185470	T	T	T
0.9130260472489261	0.4529793900149680	0.6654585965321721	T	T	T
0.2549249094413538	0.9580024388026361	0.6649892349594381	T	T	T
0.1777483918774650	0.6292477842502221	0.6398629589413142	T	T	T
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0.2575161675728095	0.4564880256134917	0.6652023737844678	T	T	T
0.4110753280962736	0.5873452481078040	0.3643629595324525	T	T	T
0.7465592284182502	0.5966074557257193	0.3610751944246149	T	T	T
0.2389650556050308	0.3837901618803323	0.3777560457439749	T	T	T
0.5764654614143113	0.3836625129516620	0.3755593988382716	T	T	T
0.7485840266705491	0.0957559146572546	0.3611191829516674	T	T	T
0.0853251714150029	0.5986530995979572	0.3612436048442080	T	T	T
0.4149757485834150	0.0981519729992399	0.3615274813904565	T	T	T
0.2400128332468865	0.8841539881933831	0.3752927902169675	T	T	T
0.0821454771846500	0.0993796986112170	0.3613941596018320	T	T	T
0.5771426590614404	0.8834590086541205	0.3754978143214914	T	T	T
0.9199485202580767	0.3848475336758846	0.3766635001447565	T	T	T
0.9247188295009005	0.8847893789752407	0.3765888833157932	T	T	T
0.2505129361966486	0.2083034637395237	0.4268349032303086	T	T	T
0.2509035758666209	0.7074416867052684	0.4267889113832246	T	T	T
0.5839206679316885	0.2082140329313729	0.4267166525812123	T	T	T

0.5837315862992972	0.7084476878555210	0.4267572695540617	T	T	T
0.9165451191305828	0.2086102419864675	0.4265747684157375	T	T	T
0.9167964739424088	0.7085871599672261	0.4265356986970371	T	T	T
0.0821922559844335	0.0199539759944712	0.4419840486436719	T	T	T
0.0825776296833175	0.5198832437861477	0.4415481339627300	T	T	T
0.4152266159076594	0.0195629913994919	0.4419721102945475	T	T	T
0.4157769980988932	0.5197656828716474	0.4424704629296975	T	T	T
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0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
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0.2500472406856242	0.4805281498298010	0.5583178792818531	T	T	T
0.2507547488550556	0.9806498775995954	0.5581173412405563	T	T	T
0.5842230019011067	0.4802343171283529	0.5575295370703029	T	T	T
0.5847733840923409	0.9804370086005079	0.5580278897054528	T	T	T
0.9174223703166825	0.4801167562138521	0.5584518660372697	T	T	T
0.9178077440155666	0.9800460240055285	0.5580159513563280	T	T	T
0.0832035260575909	0.2914128400327737	0.5734643013029633	T	T	T
0.0834548808694174	0.7913897580135321	0.5734252315842623	T	T	T
0.4162684137007027	0.2915523121444793	0.5732427304459383	T	T	T
0.4160793320683113	0.7917859670686271	0.5732833474187876	T	T	T
0.7490964241333792	0.2925583132947319	0.5732110886167751	T	T	T
0.7494870638033515	0.7916965362604760	0.5731650967696916	T	T	T
0.0752811704990992	0.1152106210247591	0.6234111166842068	T	T	T
0.0800514797419235	0.6151524663241150	0.6233364998552434	T	T	T
0.4228573409385666	0.1165409913458792	0.6245021856785083	T	T	T
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0.7599871667531131	0.1158460118066165	0.6247072097830322	T	T	T
0.5850242514165850	0.9018480270007603	0.6384725186095437	T	T	T
0.9146748285849968	0.4013469004020354	0.6387563951557919	T	T	T
0.2514159733294512	0.9042440853427456	0.6388808170483325	T	T	T
0.4235345385856888	0.6163374870483378	0.6244406011617286	T	T	T
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Selective dynamics

Direct

0.5845629660925776	0.5503777386794213	0.4005626180625899	T	T	T
0.2496387031927626	0.5465347394822587	0.3995131486781998	T	T	T
0.5817103778219893	0.0497188655997226	0.4007869699150583	T	T	T
0.2495917465107285	0.0474738151126125	0.4003748900696216	T	T	T
0.9151513934401635	0.0496392389837352	0.4002574400353759	T	T	T
0.9162182017799461	0.5505201543810473	0.4007469309885640	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F

0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0837817982200539	0.4494798456189527	0.5992530690114360	T	T	T
0.0848486065598366	0.9503607610162649	0.5997425599646241	T	T	T
0.7504082534892714	0.9525261848873875	0.5996251099303783	T	T	T
0.4182896221780107	0.9502811344002774	0.5992130300849418	T	T	T
0.7503612968072374	0.4534652605177412	0.6004868513218001	T	T	T
0.4154370339074223	0.4496222613205787	0.5994373819374101	T	T	T
0.7165701876568977	0.3782845508696632	0.3698179601658805	T	T	T
0.1528193132001034	0.2501009555883690	0.3471815883147695	T	T	T
0.4215694864990907	0.5186754272738969	0.3396789436372848	T	T	T
0.7513696722844965	0.5499512278338031	0.3350896968663039	T	T	T
0.7454856929697270	0.0428512122625791	0.3351844354691441	T	T	T
0.0837352132278682	0.5396914444447175	0.3346124346245194	T	T	T
0.9938931959766600	0.3719492909634506	0.3584213270716316	T	T	T
0.1443329731453824	0.8719340295378112	0.3637381188531824	T	T	T
0.4138077446247851	0.0428031249047409	0.3351464203044500	T	T	T
0.4666660574065876	0.8727436693513120	0.3652472334524229	T	T	T
0.0827637451403447	0.0516139133979286	0.3334052137267431	T	T	T
0.8165135636649302	0.8705020658110718	0.3619055926670156	T	T	T
0.2575054041262303	0.2894324434972965	0.4058407889467621	T	T	T
0.2524864511250837	0.7916084100898551	0.4039642606858521	T	T	T
0.5772070525750302	0.3148743738629147	0.3962420275960953	T	T	T
0.5851763561847614	0.8064113149349098	0.3999042595319880	T	T	T
0.9109703608992542	0.2985215930720628	0.4042338922297330	T	T	T
0.9202585089150650	0.7981113503074195	0.4030242617311597	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0797414910849350	0.2018886496925804	0.5969757382688402	T	T	T
0.0890296391007458	0.7014784069279372	0.5957661077702670	T	T	T
0.4148236438152386	0.1935886850650902	0.6000957404680120	T	T	T
0.4227929474249698	0.6851256261370853	0.6037579724039047	T	T	T
0.7475135488749163	0.2083915899101449	0.5960357393141480	T	T	T
0.7424945958737696	0.7105675565027034	0.5941592110532379	T	T	T
0.1834864363350697	0.1294979341889282	0.6380944073329844	T	T	T
0.9172362548596552	0.9483860866020714	0.6665947862732570	T	T	T
0.5333339425934124	0.1272563306486880	0.6347527665475771	T	T	T
0.5861922553752149	0.9571968750952591	0.6648535796955500	T	T	T
0.8556670268546176	0.1280659704621888	0.6362618811468176	T	T	T
0.0061068040233399	0.6280507090365494	0.6415786729283683	T	T	T
0.9162647867721317	0.4603085555552824	0.6653875653754806	T	T	T
0.2545143070302730	0.9571487877374208	0.6648155645308560	T	T	T
0.2486303277155036	0.4500487721661969	0.6649103031336890	T	T	T
0.5784305135009092	0.4813245727261031	0.6603210563627152	T	T	T
0.8471806867998967	0.7498990444116310	0.6528184116852376	T	T	T

0.2834298123431023	0.6217154491303368	0.6301820398341195	T	T	T
0.1725727993807005	0.3398648251929597	0.3394950382383829	T	T	T
0.4176607734237723	0.5894845355574374	0.3599315842355111	T	T	T
0.7508814292065860	0.6016630496879287	0.3617601751641641	T	T	T
0.2704938590565768	0.3817922837960953	0.3774395789161200	T	T	T
0.5996365009538595	0.3874687359410300	0.3742071195926668	T	T	T
0.7484638365283486	0.0966528308020180	0.3612931667751246	T	T	T
0.0832321111366733	0.5935609849146215	0.3607055755676778	T	T	T
0.4149138973315172	0.0963070436039078	0.3613524615781991	T	T	T
0.2499164080528229	0.8840514254988664	0.3765471807677142	T	T	T
0.0849830674114548	0.1008968353591924	0.3606765775691341	T	T	T
0.5764460190325263	0.8832006230406309	0.3756186190330733	T	T	T
0.9027631629268815	0.3858966369351719	0.3787153427746022	T	T	T
0.9182541686369650	0.8846346656271610	0.3764907933253895	T	T	T
0.2500301800833712	0.2072577289930205	0.4267827862539825	T	T	T
0.2507493926707009	0.7070852552725103	0.4261987583914275	T	T	T
0.5820738090742690	0.2078665772860139	0.4268068932396867	T	T	T
0.5830207825223938	0.7088197305424773	0.4268584768633965	T	T	T
0.9164975138386607	0.2087558869736182	0.4267029879918754	T	T	T
0.9180944319509371	0.7102335989486098	0.4266569405455468	T	T	T
0.0823205209051304	0.0196926014339469	0.4418429826699709	T	T	T
0.0834791189083776	0.5194742303817771	0.4419138295836091	T	T	T
0.4151917521861502	0.0192556245806989	0.4420884148275001	T	T	T
0.4165652747238817	0.5186660832901749	0.4416688481062464	T	T	T
0.7498970664980429	0.0195454243532873	0.4418154236340778	T	T	T
0.7505416854116460	0.5209274559824096	0.4422995863829605	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2494583145883540	0.4790725440175904	0.5577004136170395	T	T	T
0.2501029335019571	0.9804545756467128	0.5581845763659222	T	T	T
0.5834347252761183	0.4813339167098250	0.5583311518937536	T	T	T
0.5848082478138498	0.9807443754193012	0.5579115851724999	T	T	T
0.9165208810916224	0.4805257696182230	0.5580861704163909	T	T	T
0.9176794790948696	0.9803073985660531	0.5581570173300291	T	T	T
0.0819055680490629	0.2897664010513902	0.5733430594544532	T	T	T
0.0835024861613392	0.7912441130263819	0.5732970120081246	T	T	T
0.4169792174776063	0.2911802694575227	0.5731415231366035	T	T	T
0.4179261909257310	0.7921334227139860	0.5731931067603133	T	T	T
0.7492506073292990	0.2929147447274897	0.5738012416085726	T	T	T
0.7499698199166287	0.7927422710069795	0.5732172137460175	T	T	T
0.0817458313630350	0.1153653343728391	0.6235092066746104	T	T	T
0.0972368370731185	0.6141033630648280	0.6212846572253978	T	T	T
0.4235539809674737	0.1167993769593692	0.6243813809669267	T	T	T
0.9150169325885452	0.8991031646408076	0.6393234224308658	T	T	T
0.7500835919471771	0.1159485745011336	0.6234528192322858	T	T	T
0.5850861026684828	0.9036929563960922	0.6386475384218009	T	T	T
0.916767888633267	0.4064390150853784	0.6392944244323221	T	T	T
0.2515361634716514	0.9033471691979820	0.6387068332248754	T	T	T
0.4003634990461405	0.6125312640589700	0.6257928804073332	T	T	T
0.7295061409434233	0.6182077162039047	0.6225604210838800	T	T	T
0.2491185707934140	0.3983369503120713	0.6382398248358359	T	T	T
0.5823392265762277	0.4105154644425626	0.6400684157644888	T	T	T
0.8274272006192995	0.6601351748070403	0.6605049617616171	T	T	T

C'

1.0000000000000000
8.5086002349999994 0.0000000000000000 0.0000000000000000
0.0000000000000000 10.8548107146999993 0.0000000000000000
0.0000000000000000 0.0000000000000000 30.0000000000000000

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Selective dynamics

Direct

0.2519193581486618	0.0491782716604945	0.4006166877461581	T	T	T
0.2464724148188964	0.5485779963961335	0.4003773206372685	T	T	T
0.5860995317206914	0.0508463063913140	0.4007738646129440	T	T	T
0.5818602077139943	0.5485378414952038	0.4007307385311805	T	T	T
0.918733222774458	0.0498907979377847	0.4003966951823443	T	T	T
0.9148361743452753	0.5486119420120872	0.4005602073695869	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0851638256547247	0.4513880579879128	0.5994397926304131	T	T	T
0.081266777225542	0.9501092020622153	0.5996033048176557	T	T	T
0.4181397922860057	0.4514621585047962	0.5992692614688195	T	T	T
0.4139004682793086	0.9491536936086860	0.5992261353870560	T	T	T
0.7535275851811036	0.4514220036038665	0.5996226793627315	T	T	T
0.7480806418513382	0.9508217283395055	0.5993833122538419	T	T	T
0.7498407471444111	0.6763815855700273	0.3554608125661929	T	T	T
0.4614857374934900	0.6631132011340313	0.3071282293827053	T	T	T
0.4878473968287338	0.3732448176994296	0.3592460228194696	T	T	T
0.8094191059115161	0.3759923714449798	0.3632926664610920	T	T	T
0.7532396849911578	0.0486734602596925	0.3347669805033817	T	T	T
0.0782991977434335	0.5440182586916720	0.3350996593422551	T	T	T
0.1247160220972319	0.3723237196015461	0.3672560860257690	T	T	T
0.0217447977504222	0.8717615734485875	0.3637083748971932	T	T	T
0.4230448469975414	0.0388795945705951	0.3357356784073389	T	T	T
0.3352217664031940	0.8622201741678523	0.3583497302447753	T	T	T
0.0876716138443783	0.0426977415242007	0.3353364971829933	T	T	T
0.7137699955935375	0.8805113695258555	0.3683321177855134	T	T	T
0.2493409772550237	0.3048898386493164	0.4002646518466335	T	T	T
0.2444481618404453	0.8019317274290643	0.4015123807006873	T	T	T
0.5837995538565082	0.3023691709423346	0.4006292630169241	T	T	T
0.5828983797300751	0.8118586703891779	0.3985051444765304	T	T	T
0.9167610124727119	0.2962524732765175	0.4031963878148730	T	T	T
0.9158050795904913	0.7936712820616592	0.4046584613184550	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F

0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0841949204095087	0.2063287179383408	0.5953415386815450	T	T	T
0.0832389875272881	0.7037475267234825	0.5968036121851270	T	T	T
0.4171016202699320	0.1881413296108221	0.6014948555234696	T	T	T
0.4162004461434918	0.6976308290576654	0.5993707369830759	T	T	T
0.7555518381595547	0.1980682725709357	0.5984876192993127	T	T	T
0.7506590227449763	0.6951101613506836	0.5997353481533665	T	T	T
0.2862300044064625	0.1194886304741445	0.6316678822144866	T	T	T
0.9123283861556217	0.9573022584757993	0.6646635028170067	T	T	T
0.6647782335968060	0.1377798258321477	0.6416502697552247	T	T	T
0.5769551530024586	0.9611204054294049	0.6642643215926682	T	T	T
0.9782552022495778	0.1282384265514125	0.6362916251028068	T	T	T
0.8752839779027681	0.6276762803984539	0.6327439139742310	T	T	T
0.9217008022565665	0.4559817413083280	0.6649003406577449	T	T	T
0.2467603150088422	0.9513265397403075	0.6652330194966183	T	T	T
0.1905808940884839	0.6240076285550202	0.6367073335389080	T	T	T
0.5121526031712662	0.6267551823005704	0.6407539771805304	T	T	T
0.5385142625065100	0.3368867988659687	0.6928717706172947	T	T	T
0.2501592528555889	0.3236184144299727	0.6445391874338071	T	T	T
0.4178154453803273	0.6898083607642320	0.3358275116305265	T	T	T
0.4157032643830618	0.5724056205726242	0.3594824605024129	T	T	T
0.7486317831755827	0.5872296756876310	0.3598774930761337	T	T	T
0.2362228114172353	0.3823717781318052	0.3762768186519878	T	T	T
0.5854157955375285	0.3817993713526491	0.3763505114980674	T	T	T
0.7524746007448044	0.1002406139509375	0.3614611279263684	T	T	T
0.0802934218927334	0.5974453926727534	0.3613087076459394	T	T	T
0.4190470094100220	0.0951640122069648	0.3611168773043474	T	T	T
0.2434797267126285	0.8830409102206218	0.3766346113771917	T	T	T
0.0854531128408524	0.0974006457488201	0.3611963647252310	T	T	T
0.5996531818023172	0.8869578827529736	0.3755005258756015	T	T	T
0.9143902526486656	0.3842417567256575	0.3769376644245170	T	T	T
0.9162523709635337	0.8844283894411760	0.3766128089321015	T	T	T
0.2511287034592016	0.2076108509348913	0.4267470901096573	T	T	T
0.2497142390822233	0.7078215062339481	0.4263355446725754	T	T	T
0.5833255859202993	0.2085274414531071	0.4269237231383158	T	T	T
0.5822843942941205	0.7076971647500443	0.4261566130763370	T	T	T
0.9174435766730227	0.2091508924903138	0.4266200906373143	T	T	T
0.9159334775031951	0.7087316954633707	0.4264910817208616	T	T	T
0.0844785293009807	0.0197744471815184	0.4420290879789945	T	T	T
0.0818413006022993	0.5198688461132903	0.4420252843852737	T	T	T
0.4185371609150792	0.0193105685821209	0.4419679837223782	T	T	T
0.4146105799794242	0.5189614087749206	0.4417743457506376	T	T	T
0.7519635939228877	0.0202803577621324	0.4420765802846631	T	T	T
0.7492373229526166	0.5197242400227751	0.4421989728760778	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2507626770473834	0.4802757599772249	0.5578010271239222	T	T	T
0.2480364060771123	0.9797196422378676	0.5579234197153369	T	T	T
0.5853894200205758	0.4810385912250794	0.5582256542493624	T	T	T
0.5814628390849208	0.9806894314178791	0.5580320162776218	T	T	T
0.9181586993977007	0.4801311538867097	0.5579747156147263	T	T	T
0.9155214706990193	0.9802255528184816	0.5579709120210055	T	T	T
0.0840665224968049	0.2912683045366293	0.5735089182791384	T	T	T

0.0825564233269773	0.7908491075096933	0.5733799093626857	T T T
0.4177156057058795	0.2923028352499557	0.5738433869236630	T T T
0.4166744140797007	0.7914725585468929	0.5730762768616842	T T T
0.7502857609177767	0.2921784937660519	0.5736644553274246	T T T
0.7488712965407984	0.7923891490651087	0.5732529098903427	T T T
0.0837476290364663	0.1155716105588240	0.6233871910678985	T T T
0.0856097473513344	0.6157582432743425	0.6230623355754830	T T T
0.4003468181976828	0.1130421172470264	0.6244994741243985	T T T
0.9145468871591476	0.9025993542511799	0.6388036352747761	T T T
0.7565202732873715	0.1169590897793782	0.6233653886228083	T T T
0.5809529905899780	0.9048359877930352	0.6388831226956526	T T T
0.9197065781072666	0.4025546073272466	0.6386912923540606	T T T
0.2475253992551956	0.8997593860490625	0.6385388720736316	T T T
0.4145842044624715	0.6182006286473509	0.6236494885019326	T T T
0.7637771885827647	0.6176282218681948	0.6237231813480122	T T T
0.2513682168244173	0.4127703243123690	0.6401225069238663	T T T
0.5842967356169382	0.4275943794273758	0.6405175394975871	T T T
0.5821845546196727	0.3101916392357680	0.6641724883694735	T T T

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1.0000000000000000			
8.5086002349999994	0.0000000000000000	0.0000000000000000	
0.0000000000000000	10.8548107146999993	0.0000000000000000	
0.0000000000000000	0.0000000000000000	30.0000000000000000	

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Selective dynamics

Direct

0.2478777435493745	0.0452352485011614	0.3999165529630372	T T T
0.2513994349344472	0.5518808590135362	0.3997349425685640	T T T
0.5810977051083245	0.0489870707886507	0.4008056567829412	T T T
0.5855040945741332	0.5512220761803769	0.4004351223470803	T T T
0.9143893301927947	0.0470908651315313	0.4002187897172034	T T T
0.9181645090549898	0.5505037953566683	0.4001732385113794	T T T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F F F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F F F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F F F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F F F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F F F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F F F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F F F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F F F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F F F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F F F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F F F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F F F
0.0818354909450102	0.4494962046433317	0.5998267614886206	T T T
0.0856106698072053	0.9529091348684687	0.5997812102827965	T T T
0.4144959054258668	0.4487779238196231	0.5995648776529197	T T T
0.4189022948916755	0.9510129292113493	0.5991943432170588	T T T
0.7486005650655528	0.4481191409864638	0.6002650574314361	T T T
0.7521222564506256	0.9547647514988314	0.6000834470369628	T T T
0.7144595758612842	0.3783957590187046	0.3692032900363056	T T T
0.4193177861478724	0.5377654775121603	0.3364798680891531	T T T
0.7522873020678478	0.5511417334116838	0.3347337621494146	T T T
0.7442633891267144	0.0429545740747680	0.3349504248716692	T T T
0.0966238937532083	0.5403676145652496	0.3363597137744022	T T T
0.9822204043310124	0.3687628824171306	0.3534643796184933	T T T
0.1430361084818146	0.8695377536157716	0.3634682889861399	T T T
0.4141948834956867	0.0437580731759150	0.3345740298947079	T T T
0.4691608806133536	0.8713671935269253	0.3642527723798228	T T T
0.0785723280897604	0.0431012412713325	0.3342963889698824	T T T
0.8158319705811423	0.8683972522200315	0.3613889819384535	T T T

0.2509136158175825	0.2767930578436587	0.4043705197307915	T	T	T
0.2522409617577193	0.7964395058645538	0.4034478160386474	T	T	T
0.5779002507885561	0.3153516237353174	0.3967041974974596	T	T	T
0.5852860955531547	0.8062695187847820	0.3999331681512843	T	T	T
0.9152287250025033	0.2907701303841472	0.4040208785406095	T	T	T
0.9188987137195165	0.7983769505992889	0.4024885768712363	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0811012862804836	0.2016230494007111	0.5975114231287637	T	T	T
0.0847712749974967	0.7092298696158528	0.5959791214593906	T	T	T
0.4147139044468452	0.1937304812152180	0.6000668318487157	T	T	T
0.4220997492114438	0.6846483762646826	0.6032958025025404	T	T	T
0.7477590382422807	0.2035604941354462	0.5965521839613527	T	T	T
0.7490863841824175	0.7232069421563414	0.5956294802692085	T	T	T
0.1841680294188577	0.1316027477799686	0.6386110180615465	T	T	T
0.9214276719102397	0.9568987587286675	0.6657036110301177	T	T	T
0.5308391193866464	0.1286328064730747	0.6357472276201772	T	T	T
0.5858051165043133	0.9562419268240850	0.6654259701052920	T	T	T
0.8569638915181854	0.1304622463842285	0.6365317110138601	T	T	T
0.0177795956689876	0.6312371175828694	0.6465356203815068	T	T	T
0.9033761062467917	0.4596323854347504	0.6636402862255978	T	T	T
0.2557366108732855	0.9570454259252320	0.6650495751283308	T	T	T
0.2477126979321522	0.4488582665883162	0.6652662378505854	T	T	T
0.5806822138521277	0.4622345224878397	0.6635201319108468	T	T	T
0.2855404241387159	0.6216042409812954	0.6307967099636944	T	T	T
0.2134691775474180	0.3873691685916436	0.3327484570737905	T	T	T
0.4186951878878433	0.5978930987794049	0.3608369016453168	T	T	T
0.7519710590894833	0.6019732276227854	0.3616292982001343	T	T	T
0.2505827529979053	0.3956497608293892	0.3758992373950062	T	T	T
0.5977162164076718	0.3877369175192648	0.3743115004875438	T	T	T
0.7479657886495286	0.0952316198480565	0.3614512191864014	T	T	T
0.0847495764209341	0.5993810451537527	0.3611497001171967	T	T	T
0.4140673698540520	0.0946207021923059	0.3614498617101800	T	T	T
0.2484842959655629	0.8823087946584982	0.3763414920678896	T	T	T
0.0812581260326835	0.0937671414749817	0.3612116223345651	T	T	T
0.5772976520046541	0.8828104174615198	0.3756083332369106	T	T	T
0.9057393429714523	0.3848780719732473	0.3771025543909772	T	T	T
0.9165976363160471	0.8823548464800289	0.3765497669505614	T	T	T
0.2496536713726278	0.2056449819768320	0.4260668348887697	T	T	T
0.2509615740524190	0.7102645896194500	0.4270061724003327	T	T	T
0.5819202626515080	0.2076485378410634	0.4268511321136770	T	T	T
0.5837070130165045	0.7091210247611409	0.4269948665085000	T	T	T
0.9168623070989649	0.2076764670977022	0.4263887227849897	T	T	T
0.9178326423386846	0.7091311916688565	0.4267861689629754	T	T	T
0.0818590183629124	0.0189977402381669	0.4420081611039749	T	T	T
0.0849203171371157	0.5200363899960776	0.4418059393690148	T	T	T
0.4145361842621941	0.0190000595381067	0.4421066582734970	T	T	T
0.4174366758732442	0.5193211900638617	0.4416134984044252	T	T	T
0.7487272558090550	0.0193553904732248	0.4421128483079183	T	T	T
0.7514553057400817	0.5202617967437613	0.4419757951755212	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F

0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2485446942599183	0.4797382032562387	0.5580242048244788	T	T	T
0.2512727441909450	0.9806446095267752	0.5578871516920888	T	T	T
0.5825633241267558	0.4806788099361383	0.5583865015955748	T	T	T
0.5854638157378058	0.9809999404618933	0.5578933417265031	T	T	T
0.9150796828628843	0.4799636100039296	0.5581940606309852	T	T	T
0.9181409816370877	0.9810022597618331	0.5579918388960251	T	T	T
0.0821673576613154	0.2908688083311435	0.5732138310370245	T	T	T
0.0831376929010351	0.7923235329023048	0.5736112772150103	T	T	T
0.4162929869834954	0.2908789752388591	0.5730051334915000	T	T	T
0.4180797373484920	0.7923514621589366	0.5731488678863230	T	T	T
0.7490384259475810	0.2897354103805500	0.5729938275996673	T	T	T
0.7503463286273722	0.7943550180231680	0.5739331651112304	T	T	T
0.0834023636839529	0.1176451535199710	0.6234502330494386	T	T	T
0.0942606570285548	0.6151219280267527	0.6228974456090228	T	T	T
0.4227023479953459	0.1171895825384803	0.6243916667630893	T	T	T
0.9187418739673165	0.9062328585250183	0.6387883776654349	T	T	T
0.7515157040344442	0.1176912053415018	0.6236585079321104	T	T	T
0.5859326301459481	0.9053792978076941	0.6385501382898200	T	T	T
0.9152504235790658	0.4006189548462473	0.6388502998828034	T	T	T
0.2520342113504714	0.9047683801519435	0.6385487808135986	T	T	T
0.4022837835923282	0.6122630824807352	0.6256884995124562	T	T	T
0.7494172470020948	0.6043502391706108	0.6241007626049938	T	T	T
0.2480289409105167	0.3980267723772146	0.6383707017998657	T	T	T
0.5813048121121568	0.4021069012205951	0.6391630983546831	T	T	T
0.7865308224525820	0.6126308314083564	0.6672515429262095	T	T	T

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1.0000000000000000		
8.5086002349999994	0.0000000000000000	0.0000000000000000
0.0000000000000000	10.8548107146999993	0.0000000000000000
0.0000000000000000	0.0000000000000000	30.0000000000000000

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Selective dynamics

Direct

0.5837971175846481	0.5490430669991950	0.4005438438217807	T	T	T
0.2456551849992202	0.5496583134084569	0.4006418116145298	T	T	T
0.5848202803004906	0.0512575787647858	0.4006955970518997	T	T	T
0.2516394036251018	0.0501157236196996	0.4005208861517681	T	T	T
0.9177308573930011	0.0495552450402088	0.4003162351819236	T	T	T
0.9154597759618794	0.5485671965993498	0.4006191922368007	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0845402240381205	0.4514328034006500	0.5993808077631994	T	T	T

0.0822691426069990	0.9504447549597911	0.5996837648180765	T	T	T
0.7483605963748979	0.9498842763803003	0.5994791138482320	T	T	T
0.4151797196995093	0.9487424212352071	0.5993044029481002	T	T	T
0.7543448150007797	0.4503416865915428	0.5993581883854703	T	T	T
0.4162028824153516	0.4509569330008050	0.5994561561782191	T	T	T
0.7532957941188945	0.6731269491591813	0.3531894259752426	T	T	T
0.4830724756468421	0.3716617029520810	0.3601860141734581	T	T	T
0.8166819484723984	0.3753269285229152	0.3610433954680548	T	T	T
0.7521439998921196	0.0510880039157492	0.3344132105340091	T	T	T
0.0796510690386639	0.5468626310835911	0.3348968470788160	T	T	T
0.1313720937218338	0.3727146593575079	0.3655161875118413	T	T	T
0.0001232579248480	0.8688577193042093	0.3575837145790273	T	T	T
0.4212717118889098	0.0495485888674171	0.3345218210597546	T	T	T
0.3579618986110646	0.8731824982215426	0.3614815087586451	T	T	T
0.0882396747744425	0.0439180730723828	0.3349503833209528	T	T	T
0.7042960047412876	0.8793685986589108	0.3663764368570179	T	T	T
0.2505472262528446	0.3055539092232046	0.4004129299146157	T	T	T
0.2477305918092252	0.8082335871899091	0.3990373804915102	T	T	T
0.5840601409157067	0.3041880708396161	0.4004509142112165	T	T	T
0.5824032994510852	0.810577772298461	0.3995182562379835	T	T	T
0.9171893220220582	0.2984420936902534	0.4022749879208092	T	T	T
0.9153386730767203	0.7945880055406549	0.4038576537542117	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0846613269232797	0.2054119944593450	0.5961423462457882	T	T	T
0.082810677979419	0.7015579063097468	0.5977250120791978	T	T	T
0.4175967005489218	0.1894222227701539	0.6004817437620165	T	T	T
0.4159398590842934	0.6958119291603839	0.5995490857887837	T	T	T
0.7522694081907746	0.1917664128100909	0.6009626195084902	T	T	T
0.7494527737471622	0.6944460907767953	0.5995870700853843	T	T	T
0.2957039952587124	0.1206314013410893	0.6336235631429822	T	T	T
0.9117603252255573	0.9560819269276174	0.6650496166790473	T	T	T
0.6420381013889352	0.1268175017784575	0.6385184912413550	T	T	T
0.5787282881110901	0.9504514111325831	0.6654781789402454	T	T	T
-0.0001232579248480	0.1311422806957906	0.6424162854209726	T	T	T
0.8686279062781660	0.6272853406424923	0.6344838124881585	T	T	T
0.9203489309613360	0.4531373689164088	0.6651031529211839	T	T	T
0.2478560001078806	0.9489119960842505	0.6655867894659910	T	T	T
0.1833180515276015	0.6246730714770848	0.6389566045319452	T	T	T
0.5169275243531578	0.6283382970479189	0.6398139858265420	T	T	T
0.2467042058811054	0.3268730508408187	0.6468105740247574	T	T	T
0.4126090706195017	0.5752005212354953	0.3190808583424802	T	T	T
0.4143251991034402	0.5895592774627900	0.3626880301543530	T	T	T
0.7501580051181952	0.5850696023903865	0.3598230852825470	T	T	T
0.2407063895727622	0.3838223364646473	0.3762394620923917	T	T	T
0.5828409492508476	0.3828470862080002	0.3761397605322758	T	T	T
0.7513704116403569	0.1004796798579832	0.3616488536012438	T	T	T
0.0805400995123312	0.5986146036809252	0.3615773643260934	T	T	T
0.4184672541775321	0.0994569543208463	0.3616163596485024	T	T	T
0.2538397038999848	0.8841226406815810	0.3751242059724193	T	T	T
0.0847560719407820	0.0968305728399318	0.3612824684446753	T	T	T
0.5914317285462909	0.8851656538798537	0.3753785942805957	T	T	T
0.9174372971668151	0.3836871555110709	0.3768735904726810	T	T	T

0.9083383419579772	0.8832152983720090	0.3765726833319155	T T T
0.2505752354123910	0.2084352542417330	0.4267460868720287	T T T
0.2492256670723432	0.7083545302863898	0.4265758163513081	T T T
0.5836292265144065	0.2089452252120457	0.4269280151443013	T T T
0.5833754935091103	0.7080036200495934	0.4263036387324824	T T T
0.9173979682863707	0.2087097191328141	0.4265927952160127	T T T
0.9160446217539054	0.7086485970717142	0.4264690509471231	T T T
0.0843440792754594	0.0194138526044067	0.4418806190221292	T T T
0.0816468793387343	0.5196912889083257	0.4421527369216353	T T T
0.4179312010642823	0.0197269448945232	0.4419689832330674	T T T
0.4153616152048057	0.5194284199343235	0.4416365713135122	T T T
0.7510377165616712	0.0200057038273541	0.4420110497222765	T T T
0.7492791401174949	0.5193846728919969	0.4420532790640028	T T T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F F F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F F F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F F F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F F F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F F F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F F F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F F F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F F F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F F F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F F F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F F F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F F F
0.2507208598825050	0.4806153271080033	0.5579467209359974	T T T
0.2489622834383290	0.9799942961726390	0.5579889502777237	T T T
0.5846383847952010	0.4805715800656767	0.5583634286864877	T T T
0.5820687989357178	0.9802730551054768	0.5580310167669328	T T T
0.9183531206612657	0.4803087110916742	0.5578472630783646	T T T
0.9156559207245405	0.9805861473955932	0.5581193809778708	T T T
0.0839553782460946	0.2913514029282858	0.5735309490528765	T T T
0.0826020317136294	0.7912902808671859	0.5734072047839874	T T T
0.4166245064908899	0.2919963799504066	0.5736963612675173	T T T
0.4163707734855935	0.7910547747879543	0.5730719848556987	T T T
0.7507743329276567	0.2916454697136102	0.5734241836486916	T T T
0.7494247645876088	0.7915647457582670	0.5732539131279716	T T T
0.0916616580420225	0.1167847016279911	0.6234273166680846	T T T
0.0825627028331850	0.6163128444889292	0.6231264095273190	T T T
0.4085682714537092	0.1148343461201463	0.6246214057194042	T T T
0.9152439280592181	0.9031694271600682	0.6387175315553247	T T T
0.7461602961000151	0.1158773593184187	0.6248757940275809	T T T
0.5815327458224681	0.9005430456791540	0.6383836403514975	T T T
0.9194599004876686	0.4013853963190748	0.6384226356739069	T T T
0.2486295883596433	0.8995203201420169	0.6383511463987562	T T T
0.4171590507491455	0.6171529137919995	0.6238602394677242	T T T
0.7592936104272379	0.6161776635353527	0.6237605379076081	T T T
0.2498419948818043	0.4149303976096134	0.6401769147174530	T T T
0.5856748008965595	0.4104407225372170	0.6373119698456470	T T T
0.5873909293804983	0.4247994787645047	0.6809191416575199	T T T

E'

1.0000000000000000		
8.5086002349999994	0.0000000000000000	0.0000000000000000
0.0000000000000000	10.8548107146999993	0.0000000000000000
0.0000000000000000	0.0000000000000000	30.0000000000000000

Co H O

24 46 58

Selective dynamics

Direct

0.5823776894214771	0.5459562261277181	0.4015106171582076	T T T
0.2374161848332393	0.5321784069628400	0.3966221722586921	T T T
0.5862112112882818	0.0475086273339842	0.4000563746054877	T T T

0.2516282950183170	0.0491494735570643	0.3999251365822452	T	T	T
0.9193548158742346	0.0500747939749070	0.4007402953002808	T	T	T
0.9109855801775861	0.5496046945546991	0.4005778436590675	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0893509333584322	0.4503343205971219	0.5994293882620031	T	T	T
0.0806237254080269	0.9498756716935606	0.5992425600187440	T	T	T
0.7484373688048375	0.9508505320821991	0.6000605863436597	T	T	T
0.4137486813678551	0.9524296114147619	0.5999560820364690	T	T	T
0.7629749904221254	0.4676825396701361	0.6033841942468330	T	T	T
0.4179435729850404	0.4539626637852237	0.5985009465815769	T	T	T
0.7371182321750598	0.5448551779778558	0.3346419438045859	T	T	T
0.4661234889531677	0.3721905157241527	0.3647114734741495	T	T	T
0.7839623870503860	0.3731486223997377	0.3679063919891080	T	T	T
0.7558167460392136	0.0438187659797586	0.3347296143921076	T	T	T
0.0500686761783931	0.5335494355228986	0.3315600782018786	T	T	T
0.1899419985183475	0.3420092571565816	0.3476528128872058	T	T	T
0.0369096439543364	0.8740553896568317	0.3665765501229411	T	T	T
0.4217600666113325	0.0386905816044050	0.3348232138195069	T	T	T
0.3362289457538145	0.8719977312830001	0.3582626787570942	T	T	T
0.0871875352053634	0.0440939847682775	0.3355354059825066	T	T	T
0.7041156267359980	0.8718332155012052	0.3655123053862756	T	T	T
0.2583462873420483	0.2851037794141703	0.3995649389026212	T	T	T
0.2467308340655946	0.7896134725642654	0.4074862516502927	T	T	T
0.5835413636560909	0.2869886518100513	0.4045536098149657	T	T	T
0.5833984557634250	0.8057157183228060	0.4000242294773950	T	T	T
0.9151155778643649	0.3092458163569344	0.3987219911940142	T	T	T
0.9162596598542665	0.8043317595557062	0.4007347306216169	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0838213950820201	0.1957835213755015	0.5991889941900748	T	T	T
0.0852378253444084	0.6906273181887309	0.6012965729533980	T	T	T
0.4164104550405923	0.1937290527990485	0.6001539392810422	T	T	T
0.4165461977189088	0.7131299261391276	0.5954381698168982	T	T	T
0.7532785066502590	0.2104287370314050	0.5925676278048141	T	T	T
0.7418842856084754	0.7144323899466621	0.6006812644504275	T	T	T
0.2949402202806071	0.1277977787667629	0.6343924377157717	T	T	T
0.9127296600482142	0.9558817598515033	0.6644330438427646	T	T	T
0.6647650061199813	0.1280699893352191	0.6420207852257602	T	T	T
0.5783248913420824	0.9611867429117278	0.6651829432454538	T	T	T
0.9633302726549720	0.1259294440957249	0.6334272287549748	T	T	T
0.8095787035260329	0.6586109538857429	0.6525156533209425	T	T	T
0.9505792224885631	0.4658961279954417	0.6685073234520439	T	T	T

0.2440950544674858	0.9557730689427929	0.6652953977813254	T	T	T
0.2169170762643461	0.6267506565420560	0.6319529239110909	T	T	T
0.5343958216801776	0.6279311204594195	0.6352709813038361	T	T	T
0.2634485600210521	0.4551566461220257	0.6653490712694005	T	T	T
0.7377486616790531	0.5984474382335875	0.3608369236065883	T	T	T
0.2691697891936703	0.3662700405050041	0.3693962980043021	T	T	T
0.5766718116284650	0.3876450678460414	0.3748707669141973	T	T	T
0.7524495727977296	0.0964492037204754	0.3611340358876155	T	T	T
0.0671893016988054	0.5907783387532241	0.3561599050495999	T	T	T
0.4199378748384137	0.0935913354306008	0.3606205433195797	T	T	T
0.2403888151057646	0.8882887782708214	0.3751841697876186	T	T	T
0.0850664234913124	0.0996405039049613	0.3611790559130489	T	T	T
0.5943741007754797	0.8824780354122607	0.3756891195686246	T	T	T
0.8969128786269192	0.3839940786995463	0.3754554142552006	T	T	T
0.9248428821560786	0.8835658250849963	0.3760726815530547	T	T	T
0.2516032349826818	0.2086103012286425	0.4263394944457526	T	T	T
0.2503828505855601	0.7086019323042670	0.4264557833566796	T	T	T
0.5835475386188271	0.2077592899825417	0.4260773360803288	T	T	T
0.5817657182862856	0.7078517372892472	0.4263796024277622	T	T	T
0.9173959327639081	0.2083047608176636	0.4268843228728557	T	T	T
0.9158940344164082	0.7089105423072942	0.4264773659168069	T	T	T
0.0852841178660902	0.0198897883341775	0.4419264757488588	T	T	T
0.0732789378954503	0.5195368619106432	0.4431109848840097	T	T	T
0.4185832114376608	0.0190610104050460	0.4416862751643265	T	T	T
0.4180378197166680	0.5190371187023579	0.4409408370424686	T	T	T
0.7514610182866127	0.0195154128309149	0.4419015704220928	T	T	T
0.7555708535987350	0.5206485304647187	0.4441800900177548	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2446654800168833	0.4793740160213648	0.5558269490948156	T	T	T
0.2485461431620421	0.9804709430815490	0.5580896710767032	T	T	T
0.5823058220145154	0.4810080190567292	0.5591119031365448	T	T	T
0.5813783199181243	0.9809766154853365	0.5583203455973970	T	T	T
0.9270160116345221	0.4804422502035187	0.5568778313069241	T	T	T
0.9147446291914482	0.9801227333341370	0.5580609224345142	T	T	T
0.0841284638037528	0.2910598493815009	0.5735226067564417	T	T	T
0.0826144761904296	0.7916377822723563	0.5731087414230069	T	T	T
0.4183242286209266	0.2921168592654787	0.5736151621575496	T	T	T
0.4164548988028895	0.7921888779919755	0.5739332121996726	T	T	T
0.7496993209624200	0.2914544242683893	0.5735574484449281	T	T	T
0.7484362660924320	0.7914204289059088	0.5736329339037223	T	T	T
0.0753604659499072	0.1163818834819655	0.6238897470979331	T	T	T
0.1038050992987323	0.6159129630466289	0.6245330380615427	T	T	T
0.4049725085078976	0.1173410587796910	0.6243985648254804	T	T	T
0.9149533151134630	0.9002619151173842	0.6388113422953541	T	T	T
0.7600077341493537	0.1117818604289696	0.6248408130306737	T	T	T
0.5800747079921278	0.9063480477912675	0.6393710895226747	T	T	T
0.9330504896455114	0.4090346396280117	0.6438212978389956	T	T	T
0.2474982436897390	0.9033355419236609	0.6388431199461261	T	T	T
0.4238089879086807	0.6121256433332291	0.6251963782698732	T	T	T
0.7312302282100210	0.6340262843608844	0.6305542178290042	T	T	T
0.2625791126931244	0.4015270373111646	0.6391537477176843	T	T	T

E

1.0000000000000000
8.5086002349999994 0.0000000000000000 0.0000000000000000
0.0000000000000000 10.8548107146999993 0.0000000000000000
0.0000000000000000 0.0000000000000000 30.0000000000000000

Co H O

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Selective dynamics

Direct

0.5870075998490364	0.5477212754644667	0.4002695932781212	T	T	T
0.2523182075927644	0.5502373378472646	0.3956049148013824	T	T	T
0.5805072572851265	0.0484053637051820	0.4007030769008710	T	T	T
0.2475154047531768	0.0479055339056059	0.3991716260719868	T	T	T
0.9142034849235025	0.0469487224219617	0.4000190694055440	T	T	T
0.9169015319952545	0.5476718604761519	0.3997220240235341	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
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0.7524845952468232	0.9520944660943940	0.6008283739280135	T	T	T
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0.7438270674972830	0.0376308586313789	0.3355314833888888	T	T	T
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0.9778406229970554	0.3670543476899975	0.3523745599057121	T	T	T
0.1405808239810273	0.8732233154973059	0.3646940131061799	T	T	T
0.4136094126295780	0.0418919608239693	0.3348696989571938	T	T	T
0.4631480538504129	0.8722781826660907	0.3664047119321082	T	T	T
0.0781466221567666	0.0417539502493851	0.3345858604311809	T	T	T
0.813755595405244	0.8690438316827175	0.3627742761858438	T	T	T
0.2503545842474222	0.2801982270053888	0.4057890464112976	T	T	T
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0.5818581136782691	0.3096433697778521	0.3984051194289636	T	T	T
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0.7474424477787895	0.2045997241898388	0.5916142908179255	T	T	T
0.7496454157525780	0.7198017729946115	0.5942109535887025	T	T	T
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0.5863905873704147	0.9581080391760308	0.6651303010428063	T	T	T
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0.7516489659290706	0.5983842895117666	0.3610360796866744	T	T	T
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0.7473356407122311	0.0936855777444799	0.3610040845838571	T	T	T
0.0722580803424721	0.5886003781792081	0.3560403490941271	T	T	T
0.4146497581036838	0.0966892848837400	0.3607235558060496	T	T	T
0.2491662767678220	0.8892651612390515	0.3747104375009569	T	T	T
0.0803953514831170	0.0964243759153312	0.3604702672951522	T	T	T
0.5738554891455673	0.8824058825924751	0.3760693021653578	T	T	T
0.9061037871696939	0.3821723117210755	0.3770864771478449	T	T	T
0.9173444461419359	0.8839420050183782	0.3761327476599367	T	T	T
0.2496130670562110	0.2096914614641069	0.4258566938688850	T	T	T
0.2505008775967790	0.7153554106814838	0.4279493408557135	T	T	T
0.5821515583695066	0.2069610605513051	0.4269234295793616	T	T	T
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0.9167057950663825	0.2068421414255854	0.4265971578319638	T	T	T
0.9181646525983371	0.7075741695098333	0.4262385663529070	T	T	T
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0.7485312454663439	0.0188741455856196	0.4419517712152749	T	T	T
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0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
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0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
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0.2514687545336563	0.9811258544143804	0.5580482287847321	T	T	T
0.5787659823633718	0.4820597765876822	0.5577559578316006	T	T	T
0.5866229428321397	0.9805468546524090	0.5582442856778836	T	T	T
0.9186495184568245	0.4814257463216683	0.5577988623161758	T	T	T
0.9173849710112767	0.9807159693655297	0.5584297439569577	T	T	T
0.0818353474016628	0.2924258304901665	0.5737614336470928	T	T	T
0.0832942049336176	0.7931578585744147	0.5734028421680363	T	T	T
0.4165629315387159	0.2920892508045626	0.5736740451005138	T	T	T
0.4178484416304932	0.7930389394487024	0.5730765704206380	T	T	T
0.7494991224032211	0.2846445893185163	0.5720506591442864	T	T	T
0.7503869329437891	0.7903085385358930	0.5741433061311081	T	T	T

0.082655538580643	0.1160579949816218	0.6238672523400633	T	T	T
0.0938962128303056	0.6178276882789177	0.6229135228521552	T	T	T
0.4261445108544328	0.1175941174075247	0.6239306978346495	T	T	T
0.9196046485168832	0.9035756240846688	0.6395297327048474	T	T	T
0.7508337232321782	0.1107348387609487	0.6252895624990430	T	T	T
0.5853502418963163	0.9033107151162596	0.6392764441939502	T	T	T
0.9277419196575278	0.4113996218207990	0.6439596509058658	T	T	T
0.2526643592877618	0.9063144222555202	0.6389959154161428	T	T	T
0.4003032563911826	0.6170884752267739	0.6247076851657865	T	T	T
0.2483510340709294	0.4016157104882334	0.6389639203133258	T	T	T
0.5676688192563929	0.4199528812381547	0.6449746763289174	T	T	T

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8.5086002349999994 0.000000000000000 0.000000000000000
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Selective dynamics

Direct

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0.2485125196461912	0.0501054676520764	0.4002148269485969	T	T	T
0.9159416543969833	0.0509866370883631	0.4007646621032195	T	T	T
0.9159952953208137	0.5521165161694895	0.3997266818731265	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
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0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
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0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0840047046791863	0.4478834838305034	0.6002733181268735	T	T	T
0.0840583456030169	0.9490133629116371	0.5992353378967804	T	T	T
0.7514874803538089	0.9498945323479238	0.5997851730514030	T	T	T
0.4181248255931318	0.9493521550217087	0.5995219830737479	T	T	T
0.7475175789904192	0.4508902174545600	0.6000412188209731	T	T	T
0.4198465043310450	0.4496718772936292	0.6000506125551270	T	T	T
0.7450613698597007	0.5525627348003233	0.3346144338925792	T	T	T
0.7322570957221900	0.3848712141058943	0.3722620571115592	T	T	T
0.7459655700237966	0.0440482218388133	0.3354156033709065	T	T	T
0.0876140105666449	0.5490131307748033	0.3349187113752174	T	T	T
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0.5880312659203377	0.3114241742900863	0.3998515964703877	T	T	T
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0.9174435770465775	0.3252861732580712	0.3959627560391061	T	T	T
0.9195512885075766	0.7997649684247560	0.4025840442154384	T	T	T
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0.9193887636133163	0.9479001251790842	0.6655147721049312	T	T	T
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0.5865418030839941	0.9495307694359955	0.6660071349853102	T	T	T
0.8732361483257153	0.1238957530968888	0.6333364765983280	T	T	T
0.8835915545682439	0.6162267797914549	0.6286803054596628	T	T	T
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0.7487859830560196	0.0974323195823675	0.3616356424097328	T	T	T
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0.4148592443863621	0.0985659011884010	0.3615253483642961	T	T	T
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0.5775247886287824	0.8851206352802949	0.3740232379870578	T	T	T
0.9117363536278129	0.3944256879930966	0.3731450051963328	T	T	T
0.9292494509515276	0.8835652558427158	0.3766126193513374	T	T	T
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0.2525356835009733	0.7061378618200027	0.4267116938089370	T	T	T
0.5824518948725984	0.2084906846396760	0.4267400366926174	T	T	T
0.5824450233113044	0.7063346229642953	0.4266559748576113	T	T	T
0.9165073853206810	0.2080803830737181	0.4272528203397437	T	T	T
0.9167478255740339	0.7112325668143892	0.4270357753123789	T	T	T
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0.0816674530842709	0.5207936908081230	0.4414665699873716	T	T	T
0.4151459971666208	0.0196639300046957	0.4419405543626339	T	T	T
0.4167689066360315	0.5186043703729184	0.4419514725062993	T	T	T
0.7487310106188064	0.0195217426597505	0.4420095346859185	T	T	T
0.7506231857429675	0.5208853693852364	0.4414374680469207	T	T	T
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0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
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0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
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0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2493768142570323	0.4791146306147634	0.5585625319530796	T	T	T

0.2512689893811936	0.9804782573402495	0.5579904653140816	T	T	T
0.5832310933639684	0.4813956296270744	0.5580485274937006	T	T	T
0.5848540028333793	0.9803360699953044	0.5580594456373660	T	T	T
0.9183325469157291	0.4792063091918771	0.5585334300126283	T	T	T
0.9166401802603249	0.9798152732014939	0.5578876664803323	T	T	T
0.0832521744259589	0.2887674331856108	0.5729642246876211	T	T	T
0.0834926146793191	0.7919196169262819	0.5727471796602563	T	T	T
0.4175549766886956	0.2936653770357045	0.5733440251423887	T	T	T
0.4175481051274017	0.7915093153603241	0.5732599633073826	T	T	T
0.7474643164990266	0.2938621381799973	0.5732883061910632	T	T	T
0.7491240083845053	0.7914303630151751	0.5734388462197606	T	T	T
0.0707505490484724	0.1164347441572770	0.6233873806486626	T	T	T
0.0882636463721800	0.6055743120069034	0.6268549948036672	T	T	T
0.4224752113712104	0.1148793647197051	0.6259767620129422	T	T	T
0.9172888735550819	0.8990512832464009	0.6381481853366991	T	T	T
0.7591784790973664	0.1146516243467652	0.6249213742641935	T	T	T
0.5851407556136380	0.9014340988115990	0.6384746516357042	T	T	T
0.9130119482910396	0.3988170383226429	0.6384320136226926	T	T	T
0.2512140169439804	0.9025676804176325	0.6383643575902671	T	T	T
0.3895931693505372	0.6110072597577728	0.6221833958457157	T	T	T
0.7685381810892536	0.6097241341917268	0.6207508111258062	T	T	T
0.2537230328219526	0.3965056749225039	0.6384359544847873	T	T	T
0.5814803589630843	0.4128204347964372	0.6354527471439788	T	T	T

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1.0000000000000000		
8.5086002349999994	0.0000000000000000	0.0000000000000000
0.0000000000000000	10.8548107146999993	0.0000000000000000
0.0000000000000000	0.0000000000000000	30.0000000000000000

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Selective dynamics

Direct

0.5836594244086486	0.5471629938457970	0.4006184348537364	T	T	T
0.2485571167953080	0.5517831533660752	0.3998787763268779	T	T	T
0.5856323741923163	0.0492694353343099	0.4007482261107888	T	T	T
0.2512796600224711	0.0493468295321563	0.4006439730278628	T	T	T
0.9185194407923963	0.0515713911936376	0.4011281938970885	T	T	T
0.9185259370277726	0.5527437786402237	0.4004405447207123	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0814740629722273	0.4472562213597764	0.5995594552792879	T	T	T
0.0814805592076042	0.9484286088063631	0.5988718061029114	T	T	T
0.7487203399775283	0.9506531704678437	0.5993560269721440	T	T	T
0.4143676258076842	0.9507305646656901	0.5992517738892116	T	T	T
0.7514428832046922	0.4482168466339251	0.6001212236731226	T	T	T
0.4163405755913514	0.4528370061542020	0.5993815651462641	T	T	T
0.4167069499771228	0.5267690221319848	0.3395047169756774	T	T	T
0.7492190820295113	0.5299983958987947	0.3387620994157372	T	T	T
0.7527185888595435	0.0520507249441130	0.3349485701565078	T	T	T
0.0832188355041680	0.5579455217859582	0.3349539408236457	T	T	T
0.0668685924121909	0.3870222992626660	0.3711036293930449	T	T	T
0.0350309508460115	0.8748777709221880	0.3660857328972938	T	T	T

0.4224853359168111	0.0411803229733480	0.3353800544375422	T	T	T
0.3208792354195790	0.8686687892417855	0.3550701252846039	T	T	T
0.0861029506737521	0.0515850830613384	0.3353082560421119	T	T	T
0.7044567018337616	0.8746848852369001	0.3638229615332947	T	T	T
0.2629396917873181	0.3303996952968993	0.3918801989808654	T	T	T
0.2480399997300091	0.7959113014919451	0.4039240256091458	T	T	T
0.5786759502131545	0.3301616292904659	0.3976137749329121	T	T	T
0.5834216684368160	0.8102584240856666	0.3976031127445677	T	T	T
0.9138920266163819	0.3226646038434752	0.3946287450578517	T	T	T
0.9142752565934402	0.8104284250836699	0.3999637288426733	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0857247434065607	0.1895715749163299	0.6000362711573265	T	T	T
0.0861079733836178	0.6773353961565247	0.6053712549421481	T	T	T
0.4165783315631844	0.1897415759143335	0.6023968872554325	T	T	T
0.4213240497868451	0.6698383707095406	0.6023862250670883	T	T	T
0.7519600002699911	0.2040886985080545	0.5960759743908541	T	T	T
0.7370603082126814	0.6696003047031002	0.6081198010191347	T	T	T
0.2955432981662383	0.1253151147630998	0.6361770384667050	T	T	T
0.9138970493262477	0.9484149169386618	0.6646917439578887	T	T	T
0.6791207645804213	0.1313312107582143	0.6449298747153953	T	T	T
0.5775146640831957	0.9588196770266521	0.6646199455624572	T	T	T
0.9649690491539882	0.1251222290778121	0.6339142671027059	T	T	T
0.9331314075878165	0.6129777007373409	0.6288963706069546	T	T	T
0.9167811644958319	0.4420544782140420	0.6650460591763542	T	T	T
0.2472814111404566	0.9479492750558868	0.6650514298434925	T	T	T
0.2507809179704888	0.4700016041012052	0.6612379005842628	T	T	T
0.5832930500228770	0.4732309778680149	0.6604952830243227	T	T	T
0.4184737052831479	0.5950726184890589	0.3610147634875771	T	T	T
0.7487820941278215	0.5956817017097450	0.3612471772430649	T	T	T
0.2317940604762131	0.3983376377370893	0.3715775209854763	T	T	T
0.5850793989980730	0.4005579521505699	0.3756713944349336	T	T	T
0.7511677058933809	0.1001148364855874	0.3625083907606899	T	T	T
0.0832513370141333	0.6077261535168124	0.3621391382065247	T	T	T
0.4189663459224738	0.0942153954631577	0.3616922381829298	T	T	T
0.2384214160403575	0.8845671911036829	0.3769728198944194	T	T	T
0.0854411576688630	0.1011227472547914	0.3625338029837220	T	T	T
0.5955522130875310	0.8850728763401722	0.3746693510443005	T	T	T
0.9397610826124267	0.3933438196548081	0.3734700216241904	T	T	T
0.9232968133930362	0.8852343910592034	0.3758143100540796	T	T	T
0.2560447790760095	0.2060523579776789	0.4278131211143081	T	T	T
0.2513936667156517	0.7110218724693734	0.4271816738816842	T	T	T
0.5791070026691291	0.2063559638431063	0.4275909856709614	T	T	T
0.5821096496757348	0.7075726516644848	0.4263236727263677	T	T	T
0.9156891797687023	0.2087713763928816	0.4273077355615025	T	T	T
0.9145374617226324	0.7103786060574803	0.4273698216193972	T	T	T
0.0847841324424841	0.0201856387741320	0.4423611834745287	T	T	T
0.0837175479998015	0.5212938316367581	0.4420231951970452	T	T	T
0.4182313227754582	0.0189171012592471	0.4424670422047589	T	T	T
0.4164732727607908	0.5191868236384055	0.4420682425346491	T	T	T
0.7512880971788648	0.0191519341138457	0.4424926276183273	T	T	T
0.7499623367740811	0.5198628263072813	0.4418915086804887	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F

0.0833333129999971	0.8437487779999984	0.4914442899999969	F F F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F F F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F F F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F F F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F F F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F F F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F F F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F F F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F F F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F F F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F F F
0.2500376632259192	0.4801371736927194	0.5581084913195116	T T T
0.2487119028211349	0.9808480658861547	0.5575073723816731	T T T
0.5835267272392092	0.4808131763615949	0.5579317574653516	T T T
0.5817686772245421	0.9810828987407533	0.5575329577952410	T T T
0.9162824520001984	0.4787061683632419	0.5579768048029544	T T T
0.9152158675575155	0.9798143612258756	0.5576388165254712	T T T
0.0854625382773606	0.2896213939425194	0.5726301783806024	T T T
0.0843108202312977	0.7912286236071185	0.5726922644384974	T T T
0.4178903503242651	0.2924273483355153	0.5736763272736327	T T T
0.4208929973308708	0.7936440361568938	0.5724090143290386	T T T
0.7486063332843480	0.2889781275306267	0.5728183261183155	T T T
0.7439552209239905	0.7939476420223209	0.5721868788856992	T T T
0.0767031866069636	0.1147656089407967	0.6241856899459207	T T T
0.0602389173875735	0.6066561803451986	0.6265299783758091	T T T
0.4044477869124689	0.1149271236598137	0.6253306489557144	T T T
0.9145588423311374	0.8988772527452082	0.6374661970162784	T T T
0.7615785839596494	0.1154328088963172	0.6230271801055811	T T T
0.5810336540775264	0.9057846045368421	0.6383077618170562	T T T
0.9167486629858669	0.3922738464831875	0.6378608617934751	T T T
0.2488322941066194	0.8998851635144132	0.6374916092393103	T T T
0.4149206010019268	0.5994420478494298	0.6243286055650659	T T T
0.7682059395237870	0.6016623622629175	0.6284224790145237	T T T
0.2512179058721794	0.4043182982902551	0.6387528227569345	T T T
0.5815262947168518	0.4049273815109413	0.6389852365124230	T T T

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1.0000000000000000		
8.5086002349999994	0.0000000000000000	0.0000000000000000
0.0000000000000000	10.8548107146999993	0.0000000000000000
0.0000000000000000	0.0000000000000000	30.0000000000000000

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Selective dynamics

Direct

0.5817301808139155	0.5503230396579886	0.4000289281107650	T T T
0.2536459484737963	0.5520620456731553	0.3997099037661507	T T T
0.5846965135535256	0.0498969406952166	0.4005858130472944	T T T
0.2518779048701695	0.0506535564099459	0.4005525831045196	T T T
0.9183832344558761	0.0489531400439146	0.4001225803874373	T T T
0.9091594825428205	0.5527220273724047	0.3998183023058066	T T T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F F F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F F F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F F F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F F F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F F F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F F F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F F F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F F F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F F F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F F F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F F F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F F F

0.0908405174571794	0.4472779726275952	0.6001816976941936	T	T	T
0.0816167655441238	0.9510468599560855	0.5998774196125627	T	T	T
0.7481220951298306	0.9493464435900542	0.5994474168954803	T	T	T
0.4153034864464745	0.9501030593047832	0.5994141869527058	T	T	T
0.7463540515262037	0.4479379543268446	0.6002900962338564	T	T	T
0.4182698191860916	0.4496769603420114	0.5999710718892350	T	T	T
0.4759394544156290	0.3759459557712453	0.3607264885342368	T	T	T
0.8280441598064836	0.3754797302197386	0.3587338915757782	T	T	T
0.7535588043753377	0.0462507167693589	0.3344700717297865	T	T	T
0.0803578347344127	0.5524146883941250	0.3342799591048389	T	T	T
0.1230079695163735	0.3778594113075380	0.3688426106360550	T	T	T
0.0229763153130134	0.8712000345465031	0.3610862965604431	T	T	T
0.4197208896796094	0.0512631591448518	0.3344748875124320	T	T	T
0.3664640028533539	0.8747948950048569	0.3643059818128520	T	T	T
0.0880779325439384	0.0493543116231149	0.3341894933077722	T	T	T
0.6702921370804865	0.8687744511199943	0.3576799728010480	T	T	T
0.2489659159967783	0.3067181756547404	0.4012799871507346	T	T	T
0.2477118856815003	0.8104463554014429	0.3984104788218807	T	T	T
0.5820720561644286	0.3072308811306637	0.3991613016511243	T	T	T
0.5809520853031719	0.8015594366465368	0.4013930122052049	T	T	T
0.9167607030826892	0.2918587464061314	0.4045402050551341	T	T	T
0.9146855389494831	0.8083836679960298	0.3992397633412881	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0853144610505170	0.1916163320039702	0.6007602366587119	T	T	T
0.0832392969173107	0.7081412535938685	0.5954597949448660	T	T	T
0.4190479146968281	0.1984405633534632	0.5986069877947950	T	T	T
0.4179279438355715	0.6927691188693363	0.6008386983488757	T	T	T
0.7522881143184997	0.1895536445985572	0.6015895211781194	T	T	T
0.7510340840032217	0.6932818243452596	0.5987200128492653	T	T	T
0.3297078629195205	0.1312255488800056	0.6423200271989519	T	T	T
0.9119220674560615	0.9506456883768851	0.6658105066922279	T	T	T
0.6335359971466462	0.1252051049951431	0.6356940181871479	T	T	T
0.5802791103203835	0.9487368408551481	0.6655251124875680	T	T	T
0.9770236846869865	0.1287999654534970	0.6389137034395570	T	T	T
0.8769920304836266	0.6221405886924620	0.6311573893639451	T	T	T
0.9196421652655802	0.4475853116058751	0.6657200408951613	T	T	T
0.2464411956246623	0.9537492832306412	0.6655299282702133	T	T	T
0.1719558401935164	0.6245202697802614	0.6412661084242218	T	T	T
0.5240605455843710	0.6240540442287547	0.6392735114657629	T	T	T
0.4115136310653822	0.5880005301326019	0.3640486737837512	T	T	T
0.7507899960775586	0.5882214397807448	0.3641881632618396	T	T	T
0.2363798584980664	0.3852229832939248	0.3773402334531359	T	T	T
0.5784385409728038	0.3836803411620668	0.3755160829366521	T	T	T
0.7516859071626770	0.0969284663079745	0.3613840794513618	T	T	T
0.0816051228295135	0.6021413442557209	0.3614787571472115	T	T	T
0.4183758130243859	0.1001860933279382	0.3618215821561273	T	T	T
0.2565543198983056	0.8847207449222155	0.3749978548027141	T	T	T
0.0850314536912059	0.0982950800060481	0.3615150723433909	T	T	T
0.5775091860649184	0.8826404800289133	0.3763514914492397	T	T	T
0.9211445584936947	0.3865400799926829	0.3775448516181100	T	T	T
0.9199842240647048	0.8838168766669872	0.3752900436516270	T	T	T
0.2504257169807140	0.2085996564677967	0.4268798081540129	T	T	T

0.2497815757723982	0.7078246146195181	0.4267738715652558	T	T	T
0.5842084653335671	0.2080808585167410	0.4268296264409846	T	T	T
0.5829893697319861	0.7086672058111870	0.4266920743276562	T	T	T
0.9167471490064824	0.2081267155354165	0.4264575797779115	T	T	T
0.9154306850516614	0.7088834654966394	0.4268970472867880	T	T	T
0.0844141326260303	0.0195835409725451	0.4418763650035169	T	T	T
0.0818108684968510	0.5200121448088137	0.4410667143365317	T	T	T
0.4177051736333882	0.0197863493359907	0.4420435451517115	T	T	T
0.4149156969744720	0.5198134477263030	0.4420545918417783	T	T	T
0.7516316851252420	0.0193158841030337	0.4418847726027463	T	T	T
0.7491145854509735	0.5199531400112036	0.4422008765572850	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2508854145490265	0.4800468599887964	0.5577991234427151	T	T	T
0.2483683148747579	0.9806841158969661	0.5581152273972536	T	T	T
0.5850843030255279	0.4801865522736971	0.5579454081582216	T	T	T
0.5822948263666117	0.9802136506640093	0.5579564548482886	T	T	T
0.9181891315031490	0.4799878551911862	0.5589332856634682	T	T	T
0.9155858673739697	0.9804164590274549	0.5581236349964831	T	T	T
0.0845693149483384	0.2911165345033606	0.5731029527132120	T	T	T
0.0832528509935177	0.7918732844645835	0.5735424202220885	T	T	T
0.4170106302680138	0.2913327941888130	0.5733079256723437	T	T	T
0.4157915346664330	0.7919191414832590	0.5731703735590153	T	T	T
0.7502184242276017	0.2921753853804819	0.5732261284347442	T	T	T
0.7495742830192931	0.7914003435322032	0.5731201918459872	T	T	T
0.0800157759352951	0.1161831233330058	0.6247099563483730	T	T	T
0.0788554415063053	0.6134599200073170	0.6224551483818901	T	T	T
0.4224908139350816	0.1173595199710867	0.6236485085507603	T	T	T
0.9149685463087942	0.9017049199939520	0.6384849276566091	T	T	T
0.7434456801016945	0.1152792550777846	0.6250021451972859	T	T	T
0.5816241869756140	0.8998139066720617	0.6381784178438726	T	T	T
0.9183948771704864	0.3978586557442792	0.6385212428527886	T	T	T
0.2483140928373231	0.9030715336920256	0.6386159205486381	T	T	T
0.4215614590271963	0.6163196588379332	0.6244839170633479	T	T	T
0.7636201415019407	0.6147770167060750	0.6226597665468642	T	T	T
0.2492100039224414	0.4117785602192550	0.6358118367381602	T	T	T
0.5884863689346179	0.4119994698673981	0.6359513262162487	T	T	T

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1.0000000000000000					
8.5086002349999994	0.0000000000000000	0.0000000000000000			
0.0000000000000000	10.8548107146999993	0.0000000000000000			
0.0000000000000000	0.0000000000000000	30.0000000000000000			

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Selective dynamics

Direct

0.5821001492430715	0.5515647728527839	0.3999301443462611	T	T	T
0.2580243009724292	0.5532306828452401	0.3994609627718794	T	T	T
0.5809265983745873	0.0488440734050981	0.4008014751768574	T	T	T
0.2470973322565397	0.0462365438575669	0.4000721937710137	T	T	T
0.9141496080624507	0.0477907615913443	0.4002114854227563	T	T	T
0.9189769224864559	0.5502549194079706	0.3999148727472051	T	T	T

0.0833333129999971	0.1817300920000022	0.4673556090000019	F F F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F F F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F F F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F F F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F F F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F F F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F F F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F F F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F F F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F F F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F F F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F F F
0.0810230775135370	0.4497450805920293	0.6000851272527949	T T T
0.0858503919375492	0.9522092384086558	0.5997885145772437	T T T
0.7529026677434605	0.9537634561424331	0.5999278062289863	T T T
0.4190734016254128	0.9511559265949020	0.5991985248231426	T T T
0.7419756990275708	0.4467693171547600	0.6005390372281207	T T T
0.4178998507569282	0.4484352271472161	0.6000698556537389	T T T
0.3120005765044797	0.3849955702306967	0.3183484842481512	T T T
0.7504137360311612	0.5497762572294334	0.3345677286688725	T T T
0.7152727141658936	0.3784955601419459	0.3697027085407733	T T T
0.7440213889224612	0.0406897621285206	0.3353636815545908	T T T
0.0991851511608621	0.5393200687453332	0.3363813884933837	T T T
0.9873231174750305	0.3685492152506838	0.3545730487520349	T T T
0.1296867084355416	0.8716717275351589	0.3658645193851932	T T T
0.4130039317048491	0.0419424461444134	0.3347039320068333	T T T
0.4772626018598778	0.8695356844108501	0.3619518555038491	T T T
0.0783850035514326	0.0438915131538752	0.3345025736263155	T T T
0.8191434093581336	0.8686884322396455	0.3611940186399316	T T T
0.2481557230406307	0.2807082554446682	0.4047286185576776	T T T
0.2505557288318565	0.8055344312454727	0.4004556070701996	T T T
0.5767392542560885	0.3157303476129562	0.3964336714017844	T T T
0.5852787262472587	0.8041731230864340	0.4005607823398941	T T T
0.9154864052462144	0.2916893166876912	0.4042541296840312	T T T
0.9191448062377684	0.7933298584576060	0.4041075124161595	T T T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F F F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F F F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F F F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F F F
0.0808551937622318	0.2066701415423939	0.5958924875838404	T T T
0.0845135947537854	0.7083106833123090	0.5957458703159688	T T T
0.4147212737527413	0.1958268769135659	0.5994392176601060	T T T
0.4232607457439116	0.6842696523870438	0.6035663285982156	T T T
0.7494442711681435	0.1944655687545275	0.5995443929298008	T T T
0.7518442769593691	0.7192917445553315	0.5952713814423223	T T T
0.1808565906418665	0.1313115677603542	0.6388059813600684	T T T
0.9216149964485675	0.9561084868461247	0.6654974263736846	T T T
0.5227373981401223	0.1304643155891501	0.6380481444961510	T T T
0.5869960682951511	0.9580575538555866	0.6652960679931669	T T T
0.8703132915644586	0.1283282724648412	0.6341354806148066	T T T
0.0126768825249695	0.6314507847493160	0.6454269512479652	T T T
0.9008148488391379	0.4606799312546668	0.6636186115066162	T T T
0.2559786110775389	0.9593102378714794	0.6646363184454093	T T T
0.2847272858341064	0.6215044398580539	0.6302972914592265	T T T
0.2495862639688387	0.4502237427705666	0.6654322713311274	T T T

0.6879994234955205	0.6150044297693034	0.6816515157518488	T	T	T
0.2100618095404551	0.3787000224713288	0.3336312593208289	T	T	T
0.4144597490754613	0.5935500962434226	0.3642674531539242	T	T	T
0.7506387255207009	0.6015073295138109	0.3612204260305461	T	T	T
0.2551316209318130	0.3918965379410876	0.3797739479495558	T	T	T
0.5982912158543149	0.3873430300882216	0.3741108272877799	T	T	T
0.7475792882182684	0.0950959964242753	0.3613002757138328	T	T	T
0.0884600504554203	0.5988181559253467	0.3608893871206421	T	T	T
0.4135768281085321	0.0938162248126056	0.3613151035149921	T	T	T
0.2406169739627545	0.8821666339363924	0.3757544504209632	T	T	T
0.0808618680994481	0.0952823455143743	0.3612393646211945	T	T	T
0.5805949304576954	0.8822711999536438	0.3758114546255713	T	T	T
0.9068547578066191	0.3851368918530006	0.3770385129212854	T	T	T
0.9190658544756859	0.8836989049103977	0.3766230612417690	T	T	T
0.2493899149040857	0.2055093497623463	0.4262497519527205	T	T	T
0.2506885095030900	0.7098980107283411	0.4271631225352648	T	T	T
0.5817272143247352	0.2073200626549163	0.4268579180203698	T	T	T
0.5836701307551823	0.7092734096410642	0.4269798068644769	T	T	T
0.9166484373622054	0.2082525558110084	0.4264918460037643	T	T	T
0.9177709438408240	0.7090531751007308	0.4266710492916947	T	T	T
0.0815473775367762	0.0193303544997542	0.4419983057858385	T	T	T
0.0851908414888390	0.5203305897982281	0.4416477208806564	T	T	T
0.4140949956414473	0.0189119350193762	0.4420390039451749	T	T	T
0.4185167490269188	0.5197986726388187	0.4421666194783128	T	T	T
0.7486196113026403	0.0194458907672744	0.4420834184013301	T	T	T
0.7523756841307817	0.5202158034910591	0.4416628536915221	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2476243158692184	0.4797841965089409	0.5583371463084780	T	T	T
0.2513803886973597	0.9805541092327256	0.5579165815986696	T	T	T
0.5814832509730812	0.4802013273611814	0.5578333805216873	T	T	T
0.5859050043585525	0.9810880649806238	0.5579609960548251	T	T	T
0.9148091585111611	0.4796694102017720	0.5583522791193436	T	T	T
0.9184526224632238	0.9806696455002457	0.5580016942141616	T	T	T
0.0822290561591759	0.2909468248992691	0.5733289507083051	T	T	T
0.0833515626377947	0.7917474441889916	0.5735081539962354	T	T	T
0.4163298692448179	0.2907265903589358	0.5730201931355160	T	T	T
0.4182727856752649	0.7926799373450839	0.5731420819796300	T	T	T
0.7493114904969099	0.2901019892716588	0.5728368774647351	T	T	T
0.7506100850959141	0.7944906502376539	0.5737502480472793	T	T	T
0.0809341455243140	0.1163010950896025	0.6233769387582381	T	T	T
0.0931452421933881	0.6148631081469993	0.6229614870787146	T	T	T
0.4194050695423048	0.1177288000463562	0.6241885453744287	T	T	T
0.9191381319005519	0.9047176544856258	0.6387606353788055	T	T	T
0.7593830260372455	0.1178333660636077	0.6242455495790369	T	T	T
0.5864231718914678	0.9061837751873946	0.6386848964850079	T	T	T
0.9115399495445796	0.4011818440746535	0.6391106128793578	T	T	T
0.2524207117817316	0.9049040035757246	0.6386997242861673	T	T	T
0.4017087841456853	0.6126569699117784	0.6258891727122202	T	T	T
0.7448683790681869	0.6081034620589124	0.6202260520504442	T	T	T
0.2493612744792991	0.3984926704861890	0.6387795739694538	T	T	T
0.5855402509245385	0.4064499037565774	0.6357325468460758	T	T	T
0.7899381904595449	0.6212999775286713	0.6663687406791711	T	T	T

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1.0000000000000000
8.5086002349999994 0.0000000000000000 0.0000000000000000
0.0000000000000000 10.8548107146999993 0.0000000000000000
0.0000000000000000 0.0000000000000000 30.0000000000000000

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Selective dynamics

Direct

0.2485125906754912	0.0476130528365507	0.4000056335010070	T	T	T
0.2498233069684604	0.5532356988868905	0.3996793564279762	T	T	T
0.5816241432229399	0.0508495251037123	0.4008553793826573	T	T	T
0.5832058045086496	0.5477738643556314	0.4006944396008482	T	T	T
0.9146937376926539	0.0497486756530494	0.4007267392242392	T	T	T
0.9178422126635116	0.5510948589794168	0.4006086343488786	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0821577873364878	0.4489051410205828	0.5993913656511221	T	T	T
0.0853062623073464	0.9502513243469503	0.5992732607757608	T	T	T
0.4167941954913504	0.4522261356443690	0.5993055603991526	T	T	T
0.4183758567770605	0.9491504748962872	0.5991446206173414	T	T	T
0.7501766930315396	0.4467643011131095	0.6003206435720233	T	T	T
0.7514874093245084	0.9523869471634495	0.5999943664989934	T	T	T
0.4379523308540743	0.3682102457489035	0.3488366702440910	T	T	T
0.4104612885307230	0.5386934810884991	0.3373704621542307	T	T	T
0.7470308303588443	0.5294167410174412	0.3386721956912420	T	T	T
0.7450991376422612	0.0454108818103428	0.3351845888332100	T	T	T
0.0831929347919958	0.5539067092656892	0.3346431390139919	T	T	T
0.0449321746005654	0.3791428619501366	0.3687220893522299	T	T	T
0.1573508022081525	0.8687248211952809	0.3598658554735502	T	T	T
0.4153855192685545	0.0485973978339405	0.3345371484965787	T	T	T
0.4636200307436015	0.8747263804368824	0.3649254287736123	T	T	T
0.0777666843764458	0.0433703630157737	0.3348882132702179	T	T	T
0.8138734155922943	0.8706685515532406	0.3602213260696243	T	T	T
0.2521133478392371	0.2830600313779740	0.4045549576521294	T	T	T
0.2525821381876170	0.7976937572315955	0.4036859556119172	T	T	T
0.5889993323915987	0.3241021522782927	0.3992230336118990	T	T	T
0.5854603797868524	0.8108655931957288	0.3977260266228622	T	T	T
0.9102035104275809	0.3142331333294276	0.3972008460777189	T	T	T
0.9181021769300559	0.8073032635892037	0.3994858757749692	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F

0.0818978230699439	0.1926967364107958	0.6005141242250308	T	T	T
0.0897964895724192	0.6857668666705727	0.6027991539222810	T	T	T
0.4145396202131478	0.1891344068042711	0.6022739733771382	T	T	T
0.4110006676084018	0.6758978477217066	0.6007769663881013	T	T	T
0.7474178618123820	0.2023062427684045	0.5963140443880818	T	T	T
0.7478866521607626	0.7169399686220255	0.5954450423478713	T	T	T
0.1861265844077052	0.1293314484467585	0.6397786739303754	T	T	T
0.9222333156235544	0.9566296369842262	0.6651117867297819	T	T	T
0.5363799692563987	0.1252736195631179	0.6350745712263880	T	T	T
0.5846144807314456	0.9514026021660599	0.6654628515034198	T	T	T
0.8426491977918485	0.1312751788047191	0.6401341445264495	T	T	T
0.9550678253994347	0.6208571380498629	0.6312779106477704	T	T	T
0.9168070652080043	0.4460932907343104	0.6653568609860088	T	T	T
0.2549008623577392	0.9545891181896565	0.6648154111667905	T	T	T
0.2529691696411555	0.4705832589825584	0.6613278043087567	T	T	T
0.5895387114692769	0.4613065189115018	0.6626295378457697	T	T	T
0.5620476691459247	0.6317897542510963	0.6511633297559083	T	T	T
0.3263610679617701	0.3749109607907639	0.3347212031128826	T	T	T
0.4185449520447138	0.6005953190755461	0.3614297875936054	T	T	T
0.7486878277010403	0.5946602697253028	0.3612993612100602	T	T	T
0.2357559350164741	0.3920962184586914	0.3754041360269239	T	T	T
0.5803763877309766	0.3962627134455646	0.3767459191125833	T	T	T
0.7481565818334246	0.0976453621650203	0.3616885794455740	T	T	T
0.0828119862703723	0.6042803408934442	0.3616658548256336	T	T	T
0.4151132214312963	0.0982055086131141	0.3617106557979284	T	T	T
0.2542815157867707	0.8834850832577997	0.3766922859224552	T	T	T
0.0818015115662036	0.0957910876707114	0.3613340241078983	T	T	T
0.5745308005846377	0.8848186377827945	0.3746902057801403	T	T	T
0.9290135389574469	0.3878188391932392	0.3748252233757487	T	T	T
0.9145820249210362	0.8834048843988027	0.3754062208307315	T	T	T
0.2503001596102650	0.2078958906184149	0.4260917430163147	T	T	T
0.2508513511019332	0.7110058188125832	0.4271224196893902	T	T	T
0.5833768527351786	0.2084592609296300	0.4270886737502700	T	T	T
0.5849598763026214	0.7071062073056653	0.4262205183903867	T	T	T
0.9158381035530213	0.2079784670949324	0.4268152800512497	T	T	T
0.9163291126636274	0.7090104214620645	0.4269335327676822	T	T	T
0.0826833644961439	0.0194153359944625	0.4420340284037756	T	T	T
0.0844066130524015	0.5201067596225938	0.4416783505566546	T	T	T
0.4149387332278279	0.0197077536551863	0.4421593112848893	T	T	T
0.4168770653558846	0.5200908559275840	0.4415770161300653	T	T	T
0.7486349579115915	0.0194272467910465	0.4422033661630998	T	T	T
0.7498259121594995	0.5191396546933602	0.4418447061151096	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
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0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2501740878405010	0.4808603453066402	0.5581552938848899	T	T	T
0.2513650420884077	0.9805727532089543	0.5577966338368999	T	T	T
0.5831229346441166	0.4799091440724168	0.5584229838699335	T	T	T
0.5850612667721715	0.9802922463448142	0.5578406887151111	T	T	T
0.9155933869475980	0.4798932403774059	0.5583216494433449	T	T	T
0.9173166355038566	0.9805846640055379	0.5579659715962246	T	T	T
0.0836708873363717	0.2909895785379358	0.5730664672323170	T	T	T
0.0841618964469777	0.7920215329050676	0.5731847199487494	T	T	T
0.4150401236973800	0.2928937926943352	0.5737794816096133	T	T	T

0.4166231472648212	0.7915407390703708	0.5729113262497302	T	T	T
0.7491486488980655	0.2889941811874172	0.5728775803106104	T	T	T
0.7496998403897349	0.7921041093815849	0.5739082569836854	T	T	T
0.0854179750789648	0.1165951156011976	0.6245937791692696	T	T	T
0.0709864610425525	0.6121811608067611	0.6251747766242515	T	T	T
0.4254691994153625	0.1151813622172055	0.6253097942198584	T	T	T
0.9181984884337963	0.9042089123292881	0.6386659758921022	T	T	T
0.7457184842132297	0.1165149167422002	0.6233077140775455	T	T	T
0.5848867785687036	0.9017944913868863	0.6382893442020718	T	T	T
0.9171880137296275	0.3957196591065553	0.6383341451743656	T	T	T
0.2518434181665745	0.9023546378349794	0.6383114205544265	T	T	T
0.4196236122690228	0.6037372865544347	0.6232540808874170	T	T	T
0.7642440649835258	0.6079037815413091	0.6245958639730761	T	T	T
0.2513121722989597	0.4053397302746974	0.6387006387899394	T	T	T
0.5814550479552860	0.3994046809244535	0.6385702124063947	T	T	T
0.6736389320382296	0.6250890392092361	0.6652787968871168	T	T	T

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Selective dynamics

Direct

0.5840564239713769	0.5487817405663196	0.4005796548467557	T	T	T
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0.5873454172567208	0.0494849181914507	0.4001443636308770	T	T	T
0.2524417053649471	0.0491034060694438	0.4003713841631742	T	T	T
0.9194080271274940	0.0521824181127473	0.4006190661720192	T	T	T
0.9061630477254090	0.5525556428549558	0.3936396133950306	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0938369522745910	0.4474443571450444	0.6063603866049695	T	T	T
0.0805919728725061	0.9478175818872527	0.5993809338279805	T	T	T
0.7475582946350534	0.9508965939305567	0.5996286158368256	T	T	T
0.4126545827432785	0.9505150818085493	0.5998556363691231	T	T	T
0.7603074798463322	0.4512777281017157	0.6030138853022630	T	T	T
0.4159435760286231	0.4512182594336799	0.5994203451532445	T	T	T
0.5636188464392567	0.6897036956045155	0.3303486038695460	T	T	T
0.4926190885506518	0.3791957955878367	0.3585192332339899	T	T	T
0.7953699992470986	0.3652011394354198	0.3603888863858588	T	T	T
0.7551151452324130	0.0528662629921419	0.3346238263394608	T	T	T
0.0866139243421595	0.5511448111960152	0.3260632920873647	T	T	T
0.1297183869981608	0.3588604162832782	0.3604311098061588	T	T	T
0.0150034898595060	0.8729314945589109	0.3617455462292426	T	T	T
0.4225073553815401	0.0408410066762901	0.3348658496161777	T	T	T
0.3331908782967625	0.8618040356164069	0.3568650443202541	T	T	T
0.0865824683865166	0.0470143336941228	0.3352719671786483	T	T	T
0.7233750912199846	0.8790456526082109	0.3684467319139413	T	T	T
0.2475849231429364	0.2989955826968425	0.3978913012216792	T	T	T
0.2450556588767401	0.8075956849318987	0.4014246408269501	T	T	T

0.5820866242284255	0.2876750041321718	0.4054986269251230	T	T	T
0.5856843906155592	0.8153939811816253	0.3964609376711969	T	T	T
0.9135752399216540	0.3035141504464719	0.3959737970745817	T	T	T
0.9155698189062799	0.7974885574402061	0.4067633996542552	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0844301810937200	0.2025114425597932	0.5932366003457447	T	T	T
0.0864247600783459	0.6964858495535281	0.6040262029254184	T	T	T
0.4143156093844407	0.1846060188183750	0.6035390623288026	T	T	T
0.4179133757715739	0.7123249958678280	0.5945013730748766	T	T	T
0.7549443411232599	0.1924043150681015	0.5985753591730497	T	T	T
0.7524150768570638	0.7010044173031578	0.6021086987783207	T	T	T
0.2766249087800157	0.1209543473917891	0.6315532680860585	T	T	T
0.9134175316134837	0.9529856663058774	0.6647280328213518	T	T	T
0.6668091217032371	0.1381959643835931	0.6431349556797457	T	T	T
0.5774926446184602	0.9591589933237096	0.6651341503838228	T	T	T
0.9849965101404938	0.1270685054410887	0.6382544537707565	T	T	T
0.8702816130018395	0.6411395837167218	0.6395688901938414	T	T	T
0.9133860756578405	0.4488551888039854	0.6739367079126352	T	T	T
0.2448848547675863	0.9471337370078579	0.6653761736605389	T	T	T
0.2046300007529015	0.6347988605645729	0.6396111136141418	T	T	T
0.5073809114493487	0.6208042044121628	0.6414807667660093	T	T	T
0.4363811535607430	0.3102963043954849	0.6696513961304466	T	T	T
0.4468359017935815	0.6911599186378531	0.3329194501722907	T	T	T
0.4247671102351276	0.5768613872016999	0.3567721077487379	T	T	T
0.7316556283646241	0.5992340516935667	0.3614625563869316	T	T	T
0.2344916460362683	0.3746214839445069	0.3732244210200913	T	T	T
0.5837308996139765	0.3871297587597372	0.3783770382727948	T	T	T
0.7524888033956045	0.1027234898416970	0.3617450455395709	T	T	T
0.0818463377275200	0.6000235371465403	0.3533394090886486	T	T	T
0.4201939184253964	0.0943947032878754	0.3610283385891792	T	T	T
0.2434058637634417	0.8838611374329060	0.3757530076047011	T	T	T
0.0863541810407982	0.0999585927983416	0.3616214039815992	T	T	T
0.6068827856771102	0.8875285897426177	0.3744885861394784	T	T	T
0.9058162453343485	0.3735688014162469	0.3703509357342083	T	T	T
0.9136754360485688	0.8889103732065164	0.3763868279629063	T	T	T
0.2517004165249714	0.2070803580858847	0.4266972887162608	T	T	T
0.2505850168536119	0.7118751247841534	0.4267190250695155	T	T	T
0.5827287479808161	0.2073847532265156	0.4267210356546221	T	T	T
0.5818631325804389	0.7061030180577506	0.4264279811299564	T	T	T
0.9174408470911267	0.2098510887686102	0.4271174683554316	T	T	T
0.9165681991819632	0.7141548374145292	0.4272472333136830	T	T	T
0.0852292423969932	0.0197513446246051	0.4420495452968746	T	T	T
0.0767172517257349	0.5183946270532719	0.4414089308454606	T	T	T
0.4194785173931783	0.0187611527188559	0.4418063149593345	T	T	T
0.4164238805464607	0.5188919355545648	0.4414337312713332	T	T	T
0.7518734287005870	0.0204230691008456	0.4420737327844958	T	T	T
0.7463963520454117	0.5200442026121491	0.4426461703402140	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F

0.7500000000000000	0.8437487779999984	0.4914442899999969	F F F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F F F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F F F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F F F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F F F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F F F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F F F
0.2536036479545878	0.4799557973878508	0.5573538296597857	T T T
0.2481265712994130	0.9795769308991543	0.5579262672155042	T T T
0.5835761194535387	0.4811080644454276	0.5585662687286596	T T T
0.5805214826068222	0.9812388472811446	0.5581936850406654	T T T
0.9232827482742650	0.4816053729467287	0.5585910691545396	T T T
0.9147707576030067	0.9802486553753946	0.5579504547031258	T T T
0.0834318008180367	0.2858451625854708	0.5727527666863174	T T T
0.0825591529088735	0.7901489112313900	0.5728825316445680	T T T
0.4181368674195610	0.2938969819422496	0.5735720188700439	T T T
0.4172712520191850	0.7926152467734836	0.5732789643453775	T T T
0.7494149831463878	0.2881248752158468	0.5732809749304847	T T T
0.7482995834750289	0.7929196419141155	0.5733027112837390	T T T
0.0863245639514311	0.1110896267934830	0.6236131720370934	T T T
0.0941837546656515	0.6264311985837535	0.6296490642657917	T T T
0.3931172143228902	0.1124714102573825	0.6255114138605212	T T T
0.9136458189592017	0.9000414072016583	0.6383785960184006	T T T
0.7565941362365585	0.1161388625670939	0.6242469923952982	T T T
0.5798060815746031	0.9056052967121251	0.6389716614108211	T T T
0.9181536622724799	0.3999764628534598	0.6466605909113515	T T T
0.2475111966043952	0.8972765101583035	0.6382549544604288	T T T
0.4162691003860232	0.6128702412402629	0.6216229617272051	T T T
0.7655083539637316	0.6253785160554931	0.6267755789799091	T T T
0.2683443716353759	0.4007659483064331	0.6385374436130684	T T T
0.5752328897648720	0.4231386127982998	0.6432278922512619	T T T
0.5531640982064185	0.3088400813621474	0.6670805498277094	T T T

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Selective dynamics

Direct

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0.5814537636789802	0.0498438480281218	0.4008235073885036	T T T
0.5857018132899542	0.5501809936479688	0.4005422268722404	T T T
0.9150936358036162	0.0502080537480295	0.4009347953111790	T T T
0.9172418649292003	0.5516447577077211	0.4001925545381260	T T T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F F F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F F F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F F F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F F F
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Co H O

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Selective dynamics

Direct

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0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
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0.9159005921368860	0.4800044202612810	0.5585336230445321	T	T	T
0.9179969502476624	0.9809271106147009	0.5580004777691556	T	T	T
0.0825302730486683	0.2907146706266346	0.5731978629024468	T	T	T
0.0832530211596207	0.7923123772396110	0.5736038805143053	T	T	T
0.4164603975101783	0.2914672256811102	0.5729221301717260	T	T	T
0.4179214247267993	0.7923852013885339	0.5730346861767116	T	T	T
0.7490061015383914	0.2892896821254710	0.5727920624390919	T	T	T
0.7503046235740740	0.7939408694683651	0.5738992581421485	T	T	T
0.0795570684372748	0.1176263771898860	0.6234720602440477	T	T	T
0.0957592404487713	0.6150596143248492	0.6226511174957635	T	T	T
0.4257475098263797	0.1159199357489484	0.6253652884709878	T	T	T
0.9184977818304317	0.9054669013396648	0.6386096754721322	T	T	T
0.7509955590809057	0.1177073259475492	0.6234944518852360	T	T	T
0.5861002383411601	0.9035274577406796	0.6383364368001807	T	T	T
0.9138575296162442	0.4001740689025226	0.6390685916460298	T	T	T
0.2519479493962750	0.9045038836873900	0.6384858578174429	T	T	T
0.4013969983734142	0.6115063878971584	0.6240007774746985	T	T	T
0.7465982024445522	0.6045983153330566	0.6247151906257358	T	T	T
0.2516303018239653	0.3967681110757794	0.6383431870805650	T	T	T
0.5778429225617359	0.4071841853339606	0.6357564715067596	T	T	T
0.7990401051075506	0.6167703083921622	0.6662339620429593	T	T	T

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1.0000000000000000
8.5086002349999994 0.0000000000000000 0.0000000000000000
0.0000000000000000 10.8548107146999993 0.0000000000000000
0.0000000000000000 0.0000000000000000 30.0000000000000000

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Selective dynamics

Direct

0.2482831340190049	0.0462792768820614	0.4000259898829107	T T T
0.2506910891196494	0.5539586038694918	0.3998071845356814	T T T
0.5816189040890984	0.0503217632493503	0.4007961842143548	T T T
0.5838133053875342	0.5481329191314469	0.4005275013649708	T T T
0.9148546515251949	0.0492545460941437	0.4006769283588424	T T T
0.9180443853479892	0.5503067175020631	0.4003182841464357	T T T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F F F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F F F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F F F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F F F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F F F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F F F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F F F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F F F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F F F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F F F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F F F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F F F
0.0819556146520109	0.4496932824979369	0.5996817158535643	T T T
0.0851453484748051	0.9507454539058564	0.5993230716411575	T T T
0.4161866946124657	0.4518670808685530	0.5994724986350293	T T T
0.4183810959109015	0.9496782367506498	0.5992038157856451	T T T
0.7493089108803509	0.4460413961305082	0.6001928154643188	T T T
0.7517168659809952	0.9537207231179385	0.5999740101170893	T T T
0.4209788977802810	0.5452424995725431	0.3363120758832787	T T T
0.7478880343868531	0.5296026493241572	0.3387020662105769	T T T
0.7449959155895669	0.0436106822536753	0.3352679649972996	T T T
0.0953639029587801	0.5449203035600371	0.3360855562593270	T T T
0.0031723257434096	0.3688193417051008	0.3560104765962160	T T T
0.1422241397007397	0.8706252464357217	0.3632751797039670	T T T
0.4143362640526393	0.0464979614654333	0.3343621803957623	T T T
0.4691004277180477	0.8725495940072268	0.3633710675337252	T T T
0.0785825785489206	0.0472918055718740	0.3343425644713804	T T T
0.8238432034045156	0.8686022132261856	0.3584449903737508	T T T
0.2528585202894881	0.2766353371095037	0.4043102989960071	T T T
0.2519225005233409	0.8020328122323536	0.4022274100508132	T T T
0.5825670676313811	0.3291023899950022	0.3977653953226168	T T T
0.5861948568840447	0.8094208809263131	0.3982108937688040	T T T
0.9117868236759272	0.3084577472929433	0.3988296584446152	T T T
0.9184259561873176	0.8039166124331343	0.4004439471120140	T T T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F F F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F F F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F F F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F F F
0.0815740438126824	0.1960833875668658	0.5995560528879861	T T T
0.0882131763240728	0.6915422527070566	0.6011703415553847	T T T

0.4138051431159552	0.1905791190736939	0.6017891062311960	T	T	T
0.4174329323686187	0.6708976100049978	0.6022346046773831	T	T	T
0.7480774994766662	0.1979671877676465	0.5977725899491865	T	T	T
0.7471414797105119	0.7233646628904965	0.5956897010039930	T	T	T
0.1761567965954845	0.1313977867738146	0.6415550096262422	T	T	T
0.9214174214510793	0.9527081944281260	0.6656574355286197	T	T	T
0.5308995722819523	0.1274504059927733	0.6366289324662749	T	T	T
0.5856637359473607	0.9535020385345667	0.6656378196042378	T	T	T
0.8577758602992603	0.1293747535642784	0.6367248202960329	T	T	T
0.9968276738190380	0.6311806582948991	0.6439895234037840	T	T	T
0.9046360970412199	0.4550796964399630	0.6639144437406730	T	T	T
0.2550040844104330	0.9563893177463247	0.6647320350026933	T	T	T
0.2521119656131470	0.4703973506758428	0.6612979337894230	T	T	T
0.5790211022197190	0.4547575004274568	0.6636879241167213	T	T	T
0.7857734137169894	0.6101923955152067	0.6674710006498457	T	T	T
0.4192881670799578	0.6027381742918348	0.3615460626857759	T	T	T
0.7495466465887319	0.595540555307408	0.3610849725253858	T	T	T
0.2518568595383580	0.3977295031808761	0.3756615443015077	T	T	T
0.5786425497607623	0.4015158633671028	0.3757991699666468	T	T	T
0.7484712145404468	0.0964157350483462	0.3616313842717069	T	T	T
0.0839695958978478	0.6016722198576497	0.3615653169306798	T	T	T
0.4141925404383661	0.0961580185975516	0.3615295082118786	T	T	T
0.2478294359821157	0.8826274075278350	0.3762733543559622	T	T	T
0.0819175060924691	0.0965061709981178	0.3616012380867333	T	T	T
0.5771153212282857	0.8839798864288098	0.3747595743260588	T	T	T
0.9135897932533222	0.3854110195367612	0.3756648618466471	T	T	T
0.9193510144511776	0.8824912522118743	0.3760180885313068	T	T	T
0.2501510234829017	0.2060658684073650	0.4260637745960011	T	T	T
0.2508442625981385	0.7112256139190336	0.4272411847041589	T	T	T
0.5828738075440935	0.2084015698031936	0.4269397797192254	T	T	T
0.5846966006811544	0.7079021455625275	0.4264429692902663	T	T	T
0.9163542263412187	0.2080143460640484	0.4267191605403796	T	T	T
0.9166851367581117	0.7083066080276057	0.4267408471318381	T	T	T
0.0825591511431980	0.0193802743697320	0.4420889379474935	T	T	T
0.0849286801924604	0.5202085507008518	0.4416256401316040	T	T	T
0.4148484366618847	0.0193053827087896	0.4420987683893302	T	T	T
0.4172143898623991	0.5202693326654468	0.4416102510951733	T	T	T
0.7487309031204412	0.0194383177795188	0.4421600921120329	T	T	T
0.7497811952456443	0.5194227178029442	0.4416682475945604	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2502188047543558	0.4805772821970557	0.5583317524054395	T	T	T
0.2512690968795587	0.9805616822204811	0.5578399078879670	T	T	T
0.5827856101375939	0.4797306673345532	0.5583897489048268	T	T	T
0.5851515633381154	0.9806946172912033	0.5579012316106698	T	T	T
0.9150713198075396	0.4797914492991483	0.5583743598683961	T	T	T
0.9174408488568018	0.9806197256302680	0.5579110620525066	T	T	T
0.0833148632418882	0.2916933919723945	0.5732591528681619	T	T	T
0.0836457736587813	0.7919856539359517	0.5732808394596204	T	T	T
0.4153033993188457	0.2920978544374725	0.5735570307097336	T	T	T
0.4171261924559136	0.7915984301968066	0.5730602202807745	T	T	T
0.7491557374018616	0.2887743860809663	0.5727588152958411	T	T	T
0.7498489765170983	0.7939341315926352	0.5739362254039989	T	T	T

0.080648985488224	0.1175087477881258	0.6239819114686932	T	T	T
0.0864102067466778	0.6145889804632388	0.6243351381533528	T	T	T
0.4228846787717140	0.1160201135711900	0.6252404256739412	T	T	T
0.9180824939075309	0.9034938290018824	0.6383987619132666	T	T	T
0.7521705640178844	0.1173725924721650	0.6237266456440377	T	T	T
0.5858074595616337	0.9038419814024485	0.6384704917881213	T	T	T
0.9160304041021522	0.3983277801423503	0.6384346830693204	T	T	T
0.2515287854595530	0.9035842649516539	0.6383686157282932	T	T	T
0.4213574502392446	0.5984841366328973	0.6242008300333531	T	T	T
0.7481431404616419	0.6022704968191240	0.6243384556984993	T	T	T
0.2504533534112681	0.4044594444692592	0.6389150274746142	T	T	T
0.5807118329200422	0.3972618257081652	0.6384539373142240	T	T	T
0.2142265862830105	0.3898076044847935	0.3325289993501543	T	T	T

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8.5086002349999994	0.0000000000000000	0.0000000000000000			
0.0000000000000000	10.8548107146999993	0.0000000000000000			
0.0000000000000000	0.0000000000000000	30.0000000000000000			

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Selective dynamics

Direct

0.5873745835876542	0.5497823848901392	0.4002074023051713	T	T	T
0.2438470969795877	0.5507093546410414	0.4003181646395365	T	T	T
0.5846385238680573	0.0500266209743724	0.4005070527383213	T	T	T
0.2516032688816391	0.0509833368877221	0.4006532418440204	T	T	T
0.9184187211109119	0.0490437765471618	0.4001187959772473	T	T	T
0.9093534254981682	0.5524061675451725	0.4000327283025519	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0906465745018317	0.4475938324548277	0.5999672716974483	T	T	T
0.0815812788890879	0.9509562234528381	0.5998812040227527	T	T	T
0.7483967311183538	0.9490166631122778	0.5993467581559797	T	T	T
0.4153614761319429	0.9499733790256276	0.5994929472616786	T	T	T
0.7561529030204124	0.4492906453589656	0.5996818353604634	T	T	T
0.4126254164123458	0.4502176151098609	0.5997925976948287	T	T	T
0.4801130508754774	0.3731523813840167	0.3608353773337424	T	T	T
0.8267068336834840	0.3752943225946824	0.3592224070268728	T	T	T
0.7536250407068268	0.0473113784503279	0.3342822159578518	T	T	T
0.0743766198808950	0.5522095379699677	0.3345505124198372	T	T	T
0.1238575502947506	0.3751941359043454	0.3667592749659896	T	T	T
0.0267649176268412	0.8719079074592384	0.3621426742850762	T	T	T
0.4194164901313544	0.0514159761222341	0.3344614303170211	T	T	T
0.3608873505157556	0.8743988173451031	0.3633940948105954	T	T	T
0.0879502808186383	0.0496562244084233	0.3342771266308302	T	T	T
0.6716061137245687	0.8693983837769580	0.3573565725264638	T	T	T
0.2491326764761281	0.3095804769883433	0.3993790563747485	T	T	T
0.2472643377676870	0.8083976843836507	0.3996787626782779	T	T	T
0.5846405560298208	0.3052171513252441	0.3998901548891290	T	T	T
0.5821123111080931	0.8044902651720576	0.4004721415890951	T	T	T
0.9173598696797942	0.2912508996065653	0.4046272440455677	T	T	T
0.9146547039363433	0.8091238941985063	0.3989588472529129	T	T	T

0.0833333129999971	0.4317300920000022	0.4673556090000019	F F F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F F F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F F F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F F F
0.0853452960636566	0.1908761058014939	0.6010411527470872	T T T
0.0826401303202057	0.7087491003934347	0.5953727559544324	T T T
0.4178876888919070	0.1955097348279424	0.5995278584109048	T T T
0.4153594439701793	0.6947828486747559	0.6001098451108708	T T T
0.7527356622323058	0.1916023156163494	0.6003212373217222	T T T
0.7508673235238718	0.6904195230116567	0.6006209436252514	T T T
0.3283938862754312	0.1306016162230420	0.6426434274735363	T T T
0.9120497191813545	0.9503437755915767	0.6657228733691696	T T T
0.6391126494842444	0.1256011826548971	0.6366059051894047	T T T
0.5805835098686456	0.9485840238777660	0.6655385696829791	T T T
0.9732350823731589	0.1280920925407617	0.6378573257149238	T T T
0.8761424497052493	0.6248058640956546	0.6332407250340103	T T T
0.9256233801190978	0.4477904620300324	0.6654494875801629	T T T
0.2463749592931733	0.9526886215496719	0.6657177840421482	T T T
0.1732931663165162	0.6247056774053175	0.6407775929731271	T T T
0.5198869491245227	0.6268476186159830	0.6391646226662574	T T T
0.4159180997315207	0.6344728771786676	0.3222277386574128	T T T
0.4162788082183649	0.5889188265202870	0.3627367476580602	T T T
0.7535316718006249	0.5880899506136008	0.3643083745381376	T T T
0.2364096197139137	0.3850885290242720	0.3756046697298468	T T T
0.5819727638137795	0.3828790682120946	0.3758216664712357	T T T
0.7517357870172127	0.0972288886370550	0.3613814522688713	T T T
0.0770643432539749	0.6021867086608870	0.3616774319612567	T T T
0.4182399854236873	0.1002739616502258	0.3618240332257963	T T T
0.2534808980301888	0.8846249506082294	0.3755400089413447	T T T
0.0848186399820427	0.0988233083105687	0.3615540111676399	T T T
0.5785899928875549	0.8829896984060234	0.3759790895505016	T T T
0.9212768539505012	0.3864632017924211	0.3774628884824054	T T T
0.9214267803140064	0.8839953587106922	0.3751640432406668	T T T
0.2504874887146461	0.2090080314871678	0.4268972674087783	T T T
0.2489752042688897	0.7089215628045901	0.4266040953793234	T T T
0.5843361021592156	0.2081561066547815	0.4267883132226075	T T T
0.5836420408428953	0.7082638985994498	0.4265285474850357	T T T
0.9167495621503233	0.2080607491011723	0.4264806872579336	T T T
0.9153114724698901	0.7086457524438324	0.4269591644590933	T T T
0.0842145971776443	0.0197304927869712	0.4419239855172140	T T T
0.0803183344664203	0.5199301570473072	0.4415689089320953	T T T
0.4178298432207199	0.0198026785443245	0.4420102751218796	T T T
0.4139231029557884	0.5194443824076037	0.4412105366907049	T T T
0.7515258221688974	0.0193071369440552	0.4418492743134703	T T T
0.7487158985134326	0.5197897331767095	0.4424355316825810	T T T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F F F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F F F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F F F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F F F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F F F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F F F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F F F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F F F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F F F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F F F

0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2512841014865673	0.4802102668232905	0.5575644683174189	T	T	T
0.2484741778311027	0.9806928630559447	0.5581507256865295	T	T	T
0.5860768970442116	0.4805556175923965	0.5587894633092949	T	T	T
0.5821701567792802	0.9801973214556755	0.5579897248781202	T	T	T
0.9196816655335798	0.4800698429526929	0.5584310910679046	T	T	T
0.9157854028223557	0.9802695072130289	0.5580760144827861	T	T	T
0.0846885275301098	0.2913542475561675	0.5730408355409066	T	T	T
0.0832504378496767	0.7919392508988277	0.5735193127420665	T	T	T
0.4163579591571047	0.2917361014005502	0.5734714525149641	T	T	T
0.4156638978407843	0.7918438933452182	0.5732116876773926	T	T	T
0.7510247957311103	0.2910784371954100	0.5733959046206768	T	T	T
0.7495125112853469	0.7909919685128322	0.5731027325912218	T	T	T
0.0785732196859936	0.1160046412893079	0.6248359567593331	T	T	T
0.0787231460494988	0.6135367982075790	0.6225371115175945	T	T	T
0.4214100071124451	0.1170103015939767	0.6240209104494981	T	T	T
0.9151813600179570	0.9011766916894310	0.6384459888323601	T	T	T
0.7465191019698112	0.1153750493917707	0.6244599910586554	T	T	T
0.5817600145763127	0.8997260383497743	0.6381759667742035	T	T	T
0.9229356567460251	0.3978132913391130	0.6383225680387431	T	T	T
0.2482642129827872	0.9027711113629450	0.6386185477311288	T	T	T
0.4180272361862205	0.6171209317879053	0.6241783335287643	T	T	T
0.7635903802860934	0.6149114709757280	0.6243953302701533	T	T	T
0.2464683281993751	0.4119100493863992	0.6356916254618624	T	T	T
0.5837211917816351	0.4110811734797130	0.6372632523419397	T	T	T
0.5840819002684795	0.3655271228213324	0.6777722613425869	T	T	T

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1.0000000000000000		
8.5086002349999994	0.0000000000000000	0.0000000000000000
0.0000000000000000	10.8548107146999993	0.0000000000000000
0.0000000000000000	0.0000000000000000	30.0000000000000000

Co H O

24 44 62

Selective dynamics

Direct

0.5876842309966337	0.5508679152404183	0.4002773907533007	T	T	T
0.2463304715890918	0.5502097180540294	0.4003383145774046	T	T	T
0.5815897143294521	0.0490391698152006	0.4006950677723394	T	T	T
0.2482769115382106	0.0498063743058195	0.4009110917393890	T	T	T
0.9150176536077680	0.0491884852695483	0.4007257501175241	T	T	T
0.9170005840901403	0.5527258570935351	0.4001034414476099	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0829994159098595	0.4472741429064648	0.5998965585523904	T	T	T
0.0849823463922319	0.9508115147304518	0.5992742498824760	T	T	T
0.7517230884617894	0.9501936256941879	0.5990889082606111	T	T	T
0.4184102856705483	0.9509608301847990	0.5993049322276602	T	T	T
0.7536695284109010	0.4497902819459706	0.5996616854225953	T	T	T
0.4123157690033661	0.4491320847595889	0.5997226092466995	T	T	T
0.7511247007414488	0.5554852536647487	0.3346440880964386	T	T	T
0.7290810989603519	0.3843899346645732	0.3689096614922985	T	T	T

0.7460662218581335	0.0475728714596088	0.3348100651214244	T	T	T
0.0828131764580258	0.5538999815496232	0.3347024571460811	T	T	T
0.1081404862379420	0.3820439712657878	0.3691145095134992	T	T	T
0.1354937086241542	0.8729240053315416	0.3636565620671271	T	T	T
0.4130888967298851	0.0505198308534535	0.3347445583569115	T	T	T
0.4799277384410414	0.8721154923388647	0.3601706138454953	T	T	T
0.0797182067011046	0.0521817059200655	0.3349132970730102	T	T	T
0.8244802284979460	0.8696335913759086	0.3596301041717262	T	T	T
0.2467637192869975	0.3155533038601218	0.3963771719968947	T	T	T
0.2513904767213642	0.8093659363426475	0.3990657298507124	T	T	T
0.5870407598873258	0.3192379534475809	0.3946561253567764	T	T	T
0.5840501675754460	0.8072803166637152	0.3996104869078640	T	T	T
0.9150900316744478	0.3283186464833103	0.3956805418185819	T	T	T
0.9195891938163037	0.8002459983931655	0.4029712281098339	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0804108061837037	0.1997540016068344	0.5970287718901661	T	T	T
0.0849099683255524	0.6716813535166899	0.6043194581814182	T	T	T
0.4159498324245542	0.1927196833362844	0.6003895130921356	T	T	T
0.4129592401126810	0.6807620465524192	0.6053438746432307	T	T	T
0.7486095232786359	0.1906340636573452	0.6009342701492875	T	T	T
0.7532362807130025	0.6844466961398781	0.6036228280031053	T	T	T
0.1755197715020540	0.1303664086240917	0.6403698958282735	T	T	T
0.9202817932988955	0.9478182940799342	0.6650867029269903	T	T	T
0.5200722615589587	0.1278845076611352	0.6398293861545044	T	T	T
0.5869111032701150	0.9494801691465464	0.6652554416430956	T	T	T
0.8645062913758387	0.1270759946684588	0.6363434379328726	T	T	T
0.8918595137620438	0.6179560287342120	0.6308854904865011	T	T	T
0.9171868235419739	0.4461000184503765	0.6652975428539194	T	T	T
0.2539337781418735	0.9524271285403982	0.6651899348785755	T	T	T
0.2709189010396476	0.6156100653354267	0.6310903385077018	T	T	T
0.2488752992585583	0.4445147463352510	0.6653559119035615	T	T	T
0.4172909813657011	0.5762120705650745	0.3189921111687077	T	T	T
0.4169720009373285	0.5881542262603948	0.3625089394286071	T	T	T
0.7509955529499833	0.6052937352620983	0.3618339324524425	T	T	T
0.2262980589909838	0.3880536910314701	0.374389000015619	T	T	T
0.6089617040124000	0.3899875834605176	0.3733048985626854	T	T	T
0.7482821713287522	0.0968965462737817	0.3620752267183316	T	T	T
0.0831753957249167	0.6041497900348721	0.3617846296405320	T	T	T
0.4154247341942463	0.0982758845863676	0.3623751781465409	T	T	T
0.2439767597108976	0.8839418715698537	0.3751658119363803	T	T	T
0.0812898386870882	0.0997892192424660	0.3625893003013858	T	T	T
0.5807356644992078	0.8839486948003269	0.3756116648683361	T	T	T
0.9150877833374573	0.3953142785259068	0.3727702708179302	T	T	T
0.9208067071608298	0.8842457409606733	0.3768118909999912	T	T	T
0.2506451712294269	0.2076787268470264	0.4270918240135383	T	T	T
0.2514042367267532	0.7084923588944120	0.4269020885774352	T	T	T
0.5858636674456754	0.2064064063533499	0.4274369297712649	T	T	T
0.5826378037887989	0.7088770323342930	0.4268673261859929	T	T	T
0.9122369418559633	0.2060519150383635	0.4279723687410694	T	T	T
0.9175180398127616	0.7115565806136314	0.4273154971944437	T	T	T
0.0817992422618793	0.0189799896123599	0.4424868898632174	T	T	T
0.0821538519862683	0.5206861630017576	0.4421465919537097	T	T	T

0.4158111083210900	0.0185927984837852	0.4424161474240270	T	T	T
0.4171448519912104	0.5188459488975061	0.4414491371915181	T	T	T
0.7483941348316779	0.0200674016524087	0.4423868616693838	T	T	T
0.7515640243027163	0.5200942611213147	0.4422822312096302	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2484359756972838	0.4799057388786852	0.5577177687903700	T	T	T
0.2516058651683218	0.9799325983475983	0.5576131383306233	T	T	T
0.5828551480087897	0.4811540511024941	0.5585508628084751	T	T	T
0.5841888916789101	0.9814072015162147	0.5575838525759728	T	T	T
0.9178461480137390	0.4793138369982421	0.5578534080462901	T	T	T
0.9182007577381210	0.9810200103876403	0.5575131101367828	T	T	T
0.0824819601872386	0.2884434193863687	0.5726845028055563	T	T	T
0.0877630581440438	0.7939480849616358	0.5720276312589376	T	T	T
0.4173621962112012	0.2911229676657069	0.5731326738140141	T	T	T
0.4141363325543241	0.7935935936466501	0.5725630702287353	T	T	T
0.7485957632732467	0.2915076411055882	0.5730979114225646	T	T	T
0.7493548287705730	0.7923212731529664	0.5729081759864616	T	T	T
0.0791932928391700	0.1157542590393267	0.6231881090000093	T	T	T
0.0849122166625427	0.6046857214740929	0.6272297291820698	T	T	T
0.4192643355007923	0.1160513051996731	0.6243883351316639	T	T	T
0.9187101613129118	0.9002107807575341	0.6374106996986144	T	T	T
0.7560232402891027	0.1160581284301461	0.6248341880636197	T	T	T
0.5845752658057537	0.9017241154136321	0.6376248218534589	T	T	T
0.9168246042750831	0.3958502099651278	0.6382153703594683	T	T	T
0.2517178286712481	0.9031034537262184	0.6379247732816681	T	T	T
0.3910382959875996	0.6100124165394827	0.6266951014373146	T	T	T
0.7737019410090163	0.6119463089685300	0.6256109999984379	T	T	T
0.2490044470500168	0.3947062647379091	0.6381660675475503	T	T	T
0.5830279990626644	0.4118457737396123	0.6374910605713929	T	T	T
0.5827090186342987	0.4237879294349254	0.6810078888312922	T	T	T

4

1.0000000000000000					
8.5086002349999994	0.0000000000000000	0.0000000000000000			
0.0000000000000000	10.8548107146999993	0.0000000000000000			
0.0000000000000000	0.0000000000000000	30.0000000000000000			

Co H O

24 44 58

Selective dynamics

Direct

0.2544807596463272	0.5522462300957116	0.3991969384385641	T	T	T
0.5804284746088584	0.5462823520414588	0.3995709860502856	T	T	T
0.5847855443809209	0.0478028911189767	0.4006359473579835	T	T	T
0.2521041248625551	0.0468874097362502	0.3994825768713497	T	T	T
0.9188948621994442	0.0472994053536908	0.4003350961294174	T	T	T
0.9162517297346113	0.5489200708439270	0.3998768429776547	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F

0.2500000000000000	0.3182699680000027	0.5326443909999981	F F F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F F F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F F F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F F F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F F F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F F F
0.0837482702653887	0.4510799291560730	0.6001231570223453	T T T
0.0811051378005629	0.9527005946463092	0.5996649038705826	T T T
0.7478958751374449	0.9531125902637498	0.6005174231286503	T T T
0.4152144556190791	0.9521971088810162	0.5993640526420165	T T T
0.4195715253911416	0.4537176479585412	0.6004290139497144	T T T
0.7455192403536728	0.4477537699042884	0.6008030615614359	T T T
0.7490082271835448	0.5460403609379796	0.3342034013819983	T T T
0.7154770792315830	0.3747247054286049	0.3700306979451895	T T T
0.7540540538015961	0.0386453683095667	0.3353802496334666	T T T
0.0835967210615678	0.5418654095371807	0.3323035389335232	T T T
0.9761031343008497	0.3665955960038829	0.3517118549776939	T T T
0.0366591616432999	0.8718881580715774	0.3660330986986366	T T T
0.4217774850150420	0.0410719213467985	0.3350038724763778	T T T
0.3587608946796834	0.8724366175925411	0.3646048282091741	T T T
0.0863343232349223	0.0437478834034977	0.3343128788877507	T T T
0.6765639026685761	0.8669802401697311	0.3603237307097373	T T T
0.2514977201050996	0.2767867723402873	0.4045539740300583	T T T
0.2473950306458974	0.7982648660347138	0.4067889387235439	T T T
0.5817309034380429	0.3097708092709510	0.3981148557234349	T T T
0.5789972011482760	0.7924936491982848	0.4036892485441186	T T T
0.9167951189299544	0.2913134205738217	0.4032372241598097	T T T
0.9157782843519655	0.8038528978510939	0.4005223910247651	T T T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F F F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F F F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F F F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F F F
0.0842217156480345	0.1961471021489061	0.5994776089752349	T T T
0.0832048810700456	0.7086865794261783	0.5967627758401903	T T T
0.4210027988517240	0.2075063508017152	0.5963107514558814	T T T
0.4182690965619571	0.6902291907290490	0.6018851442765651	T T T
0.7526049693541026	0.2017351339652933	0.5932110612764561	T T T
0.7485022798949004	0.7232132276597127	0.5954460259699417	T T T
0.3234360973314310	0.1330197598302689	0.6396762692902627	T T T
0.9136656767650777	0.9562521165965023	0.6656871211122493	T T T
0.6412391053203166	0.1275633824074589	0.6353951717908259	T T T
0.5782225149849580	0.9589280786532015	0.6649961275236222	T T T
0.9633408383567001	0.1281118419284226	0.6339669013013634	T T T
0.0238968656991503	0.6334044039961171	0.6482881450223061	T T T
0.9164032789384322	0.4581345904628193	0.6676964610664768	T T T
0.2459459461984039	0.9613546316904333	0.6646197503665334	T T T
0.2845229207684170	0.6252752945713951	0.6299693020548105	T T T
0.2509917728164552	0.4539596390620204	0.6657965986180017	T T T
0.4088799512720627	0.5719748117651022	0.3616113043323423	T T T
0.7477472762633397	0.5976053971309057	0.3608889410337284	T T T
0.5988497747091515	0.3820266548022673	0.3750376651261078	T T T
0.7522030169266429	0.0932882887249988	0.3612702253790658	T T T
0.0834458778157128	0.5914829216619779	0.3594198434004099	T T T
0.4183103023724044	0.0953620019053147	0.3609918005940358	T T T
0.2507398099604714	0.8870519476690077	0.3755635048289250	T T T

0.0850346208541808	0.0959206166795212	0.3608727606151447	T T T
0.5786674717684193	0.8824939097225268	0.3765569717008077	T T T
0.9077616736336367	0.3821444677848760	0.3771574524316108	T T T
0.9263812299939076	0.8825636571323443	0.3760442213499928	T T T
0.2501259170799059	0.2088487695708636	0.4257566360454064	T T T
0.2499245838422866	0.7176672308051693	0.4284079359568267	T T T
0.5825883101767673	0.2063670709941334	0.4270875732793087	T T T
0.5812479660446996	0.7070940202442912	0.4263130574748573	T T T
0.9171062661141036	0.2071835892074887	0.4264836023642076	T T T
0.9164145668408423	0.7078587906701372	0.4265319837690029	T T T
0.0856032972101630	0.0195275483152457	0.4419118911244055	T T T
0.0848688933090571	0.5181205967014435	0.4410552235804772	T T T
0.4166094486142384	0.0192578599492066	0.4419239003875362	T T T
0.4163320517847353	0.5188732746091134	0.4423714917160737	T T T
0.7518913813455299	0.0189221741944507	0.4420479670972526	T T T
0.7515334507901912	0.5201906829663017	0.4420842790779602	T T T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F F F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F F F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F F F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F F F
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0.2500000000000000	0.6562511919999992	0.5085557100000031	F F F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F F F
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0.9166666870000029	0.1562512220000016	0.5085557100000031	F F F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F F F
0.2484665492098088	0.4798093170336983	0.5579157209220398	T T T
0.2481086186544701	0.9810778258055493	0.5579520329027474	T T T
0.5836679482152647	0.4811267253908866	0.5576285082839263	T T T
0.5833905513857616	0.9807421400507934	0.5580760996124638	T T T
0.9151311066909429	0.4818794032985565	0.5589447764195228	T T T
0.9143967027898370	0.9804724516847614	0.5580881088755945	T T T
0.0835854331591577	0.2921412093298699	0.5734680162309971	T T T
0.0828937338858964	0.7928164107925113	0.5735163976357924	T T T
0.4187520339553004	0.2929059797557088	0.5736869425251427	T T T
0.4174116898232327	0.7936329290058666	0.5729124267206913	T T T
0.7500754161577134	0.2823327691948307	0.5715920640431733	T T T
0.7498740829200941	0.7911512304291364	0.5742433639545936	T T T
0.0736187700060924	0.1174363428676557	0.6239557786500072	T T T
0.0922383263663633	0.6178555322151240	0.6228425475683892	T T T
0.4213325282315807	0.1175060902774732	0.6234430282991923	T T T
0.9149653791458192	0.9040793833204788	0.6391272393848553	T T T
0.7492601900395286	0.1129480523309923	0.6244364951710750	T T T
0.5816896976275956	0.9046379980946853	0.6390081994059642	T T T
0.9165541221842872	0.4085170783380221	0.6405801565995901	T T T
0.2477969830733571	0.9067117112750012	0.6387297746209342	T T T
0.4011502252908485	0.6179733451977327	0.6249623348738922	T T T
0.2522527237366603	0.4023946028690943	0.6391110589662716	T T T
0.5911200487279373	0.4280251882348978	0.6383886956676577	T T T

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Selective dynamics

Direct

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0.5815534749822719	0.5470591105682361	0.3996376524176837	T T T

0.5846639061508085	0.0488364890375849	0.4008407016614666	T	T	T
0.2522623004624014	0.0472863964517238	0.3997766681417418	T	T	T
0.9187201178646917	0.0480956678342138	0.4007321831068122	T	T	T
0.9158963112654565	0.5458364859791064	0.4004112880013213	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0841036887345435	0.4541635140208938	0.5995887119986785	T	T	T
0.0812798821353083	0.9519043321657865	0.5992678168931876	T	T	T
0.7477376995375984	0.9527136035482763	0.6002233318582584	T	T	T
0.4153360938491912	0.9511635109624154	0.5991592983385337	T	T	T
0.4184465250177283	0.4529408894317638	0.6003623475823163	T	T	T
0.7484420023863513	0.4476304297024549	0.6004774409256665	T	T	T
0.4263089922121806	0.5070073736267675	0.3419948555940313	T	T	T
0.7415944210333322	0.4999824071510802	0.3443252829697968	T	T	T
0.7555721328679808	0.0346566356720946	0.3362571056395091	T	T	T
0.0872284393059815	0.5456588814259137	0.3315819707907006	T	T	T
0.0130829339286909	0.3654360791010245	0.3583023955186778	T	T	T
0.0403581757352259	0.8729641241365317	0.3663626407501694	T	T	T
0.4216926785281843	0.0412321637924707	0.3353008966367043	T	T	T
0.3635364637662999	0.8737624678728101	0.3660732811962740	T	T	T
0.0855879579957211	0.0463171196932114	0.3343007534208132	T	T	T
0.6647499001979115	0.8666606655520026	0.3573603962899934	T	T	T
0.2603511786230376	0.2756832250110652	0.4040265145847410	T	T	T
0.2479400781333750	0.8016056226990574	0.4055137641502539	T	T	T
0.5793532243026041	0.3260149591277334	0.3921017338956290	T	T	T
0.5803642408109021	0.7935561847729686	0.4042422863786935	T	T	T
0.9141789498334030	0.3017943150055716	0.4000535032309089	T	T	T
0.9155109317583677	0.8064529810245674	0.3989163566669798	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
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0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0844890682416321	0.1935470189754326	0.6010836433330203	T	T	T
0.0858210501665969	0.6982056849944287	0.5999464967690911	T	T	T
0.4196357591890980	0.2064438152270316	0.5957577136213066	T	T	T
0.4206467756973958	0.6739850408722665	0.6078982661043707	T	T	T
0.7520599218666252	0.1983943773009427	0.5944862358497462	T	T	T
0.7396488213769624	0.7243167749889349	0.5959734854152589	T	T	T
0.3352500998020888	0.1333393344479975	0.6426396037100068	T	T	T
0.9144120420042789	0.9536828803067885	0.6656992465791868	T	T	T
0.6364635362337000	0.1262375321271897	0.6339267188037260	T	T	T
0.5783073214718156	0.9587678362075295	0.6646991033632955	T	T	T
0.9596418242647742	0.1270358758634682	0.6336373592498307	T	T	T
0.9869170660713091	0.6345639208989754	0.6416976044813221	T	T	T
0.9127715606940185	0.4543411185740864	0.6684180292092997	T	T	T

0.2444278671320192	0.9653433643279056	0.6637428943604908	T	T	T
0.2584055789666678	0.5000175928489198	0.6556747170302034	T	T	T
0.5736910077878196	0.4929926263732325	0.6580051444059687	T	T	T
0.4122756660916501	0.5857628252809037	0.3582160256755991	T	T	T
0.7501885734049714	0.5805937552726684	0.3594678468140547	T	T	T
0.5613622652349092	0.3961652747291278	0.3711975671959188	T	T	T
0.7524467732378187	0.0922755775656830	0.3612649095554027	T	T	T
0.0861404802519236	0.5865965667663390	0.3605834261359345	T	T	T
0.4177019061549931	0.0961901605882339	0.3610874515646013	T	T	T
0.2531488077046881	0.8860517267172017	0.3761409642848368	T	T	T
0.0853321104627753	0.0970871431105245	0.3611957236046964	T	T	T
0.5737639255471210	0.8826658764782459	0.3763498715006594	T	T	T
0.9202071408776435	0.3805092261271392	0.3764989178329013	T	T	T
0.9288768049215536	0.8824978768841178	0.3753573782654284	T	T	T
0.2512747799582169	0.2090576343252361	0.4256208965623478	T	T	T
0.2490787660381065	0.7176240652142998	0.4282218541763218	T	T	T
0.5838803652792087	0.2066612335659935	0.4271018820405323	T	T	T
0.5834467302540199	0.7090187110968794	0.4267013900410918	T	T	T
0.9163704380185749	0.2065055839675833	0.4268029833573133	T	T	T
0.9150762169733839	0.7060050762552464	0.4261874467645194	T	T	T
0.0860117454132922	0.0197519661745723	0.4420845781047760	T	T	T
0.0867643763799616	0.5199928596661690	0.4417279425944269	T	T	T
0.4165288261496455	0.0196226572338246	0.4421091222775631	T	T	T
0.4130067796841316	0.5195888398020426	0.4413350506720754	T	T	T
0.7516163192910947	0.0187111382408143	0.4421641766032131	T	T	T
0.7490421460585862	0.5186575723245890	0.4417122709160065	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
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0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2509578539414140	0.4813424276754111	0.5582877290839937	T	T	T
0.2483836807089053	0.9812888617591855	0.5578358233967867	T	T	T
0.5869932203158682	0.4804111601979574	0.5586649493279247	T	T	T
0.5834711738503545	0.9803773427661754	0.5578908777224367	T	T	T
0.9132356236200454	0.4800071403338312	0.5582720574055799	T	T	T
0.9139882545867077	0.9802480338254275	0.5579154218952239	T	T	T
0.0849237830266160	0.2939949237447537	0.5738125532354809	T	T	T
0.0836295619814252	0.7934944160324165	0.5731970166426864	T	T	T
0.4165532697459798	0.2909812889031204	0.5732986099589080	T	T	T
0.4161196347207912	0.7933387664340066	0.5728981179594679	T	T	T
0.7509212339618936	0.2823759347857001	0.5717781458236781	T	T	T
0.7487252200417825	0.7909423656747641	0.5743791034376524	T	T	T
0.0711231950784465	0.1175021231158824	0.6246426217345719	T	T	T
0.0797928591223566	0.6194907738728607	0.6235010821670985	T	T	T
0.4262360744528790	0.1173341235217541	0.6236501284993405	T	T	T
0.9146678895372247	0.9029128568894756	0.6388042763953037	T	T	T
0.7468511922953119	0.1139482732827983	0.6238590357151634	T	T	T
0.5822980938450069	0.9038098394117661	0.6389125484353986	T	T	T
0.9138595197480767	0.4134034332336609	0.6394165738640657	T	T	T
0.2475532267621811	0.9077244224343100	0.6387350904445972	T	T	T
0.4386377347650907	0.6038347252708723	0.6288024328040811	T	T	T
0.2498114265950288	0.4194062447273318	0.6405321531859453	T	T	T
0.5877243339083499	0.4142371747190963	0.6417839743244012	T	T	T

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Selective dynamics

Direct

0.2402989933910149	0.5467687703850288	0.4017809229541101	T	T	T
0.5864370960253638	0.5469663425921780	0.3984576430872764	T	T	T
0.5851946978933782	0.0508088501042963	0.4008212421203581	T	T	T
0.2522002441021129	0.0479326050520896	0.4001131248638501	T	T	T
0.9176244055478904	0.0491583274893657	0.4003683934064100	T	T	T
0.9102873247375811	0.5490122364338532	0.4005056250239321	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0897126752624189	0.4509877635661468	0.5994943749760679	T	T	T
0.0823755944521096	0.9508416725106343	0.5996316065935900	T	T	T
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0.7597010066089851	0.4532312296149712	0.5982190770458899	T	T	T
0.4440225136145131	0.3737965584871503	0.3654920990826867	T	T	T
0.8144557928272746	0.3772485889109660	0.3596153908904256	T	T	T
0.7521505439537535	0.0465831568022566	0.3352444854143641	T	T	T
0.0772462995854752	0.5427160384385132	0.3350785551190043	T	T	T
0.1502315666651199	0.3723053557202292	0.3602595863244176	T	T	T
0.9908765261199690	0.8673096254639177	0.3559360274658943	T	T	T
0.4216548009076391	0.0471195406525240	0.3345056120063319	T	T	T
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0.0880168194974331	0.0390260141255467	0.3349907607660114	T	T	T
0.7009641678773448	0.8747405016822754	0.3665052169414693	T	T	T
0.2507093397677167	0.2869750156245061	0.4048897473265924	T	T	T
0.2487825599503566	0.8078135823460428	0.3990978259412614	T	T	T
0.5746223107506552	0.3076972182914304	0.3972229403429637	T	T	T
0.5826351130429828	0.8060536990277356	0.4013407369751789	T	T	T
0.9145787049383287	0.3039513681431600	0.4001429698234844	T	T	T
0.9121343621653608	0.7925640382385666	0.4038399051164276	T	T	T
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0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
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0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
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0.4173648869570172	0.1939463009722644	0.5986592630248211	T	T	T

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0.9119831805025669	0.9609739858744604	0.6650092392339886	T	T	T
0.6281424613186459	0.1254339617504314	0.6344743456650548	T	T	T
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0.0091234738800310	0.1326903745360823	0.6440639725341057	T	T	T
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0.9227537004145248	0.4572839615614868	0.6649214448809957	T	T	T
0.2478494560462465	0.9534168431977434	0.6647555145856359	T	T	T
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0.5559774863854869	0.6262034415128497	0.6345079009173133	T	T	T
0.7417862870971419	0.5831700763818759	0.3630346836582916	T	T	T
0.2492429359675086	0.3883008988064702	0.3760610061599223	T	T	T
0.5581112431876036	0.3811614979493854	0.3730781775055618	T	T	T
0.7512714252122521	0.0995881830846415	0.3615785032682197	T	T	T
0.0802098534163136	0.5970906045623963	0.3610292741956087	T	T	T
0.4183542451874089	0.0977634820328959	0.3614150227643265	T	T	T
0.2614185238775590	0.8836657099619387	0.3753338871435403	T	T	T
0.0855072394922871	0.0936382426608731	0.3608653206657948	T	T	T
0.5892786612800620	0.8840821151969038	0.3763183965730690	T	T	T
0.9136543069913188	0.3836710213407528	0.3761309189616853	T	T	T
0.9046770293610891	0.8837166625356545	0.3765801282111667	T	T	T
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0.2496301470415005	0.7074701394536405	0.4261773327182823	T	T	T
0.5833873994659626	0.2093633644164115	0.4267337893674821	T	T	T
0.5826121849866368	0.7087604834942098	0.4263628626882507	T	T	T
0.9176960903105851	0.2083610027073419	0.4266547059555705	T	T	T
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0.0850338967840969	0.0190734948653883	0.4418166230781324	T	T	T
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0.5866626338253482	0.4807642623856694	0.5598471599796397	T	T	T
0.5823782993724507	0.9801340459927417	0.5579583760423361	T	T	T
0.9200186967457853	0.4795281901515764	0.5574133626735929	T	T	T
0.9149661032159031	0.9809265051346117	0.5581833769218676	T	T	T
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0.0823039096894149	0.7916389972926581	0.5733452940444295	T	T	T
0.4173878150133632	0.2912395165057902	0.5736371373117493	T	T	T
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0.7503698529584995	0.2925298605463595	0.5738226672817177	T	T	T
0.7499985275413579	0.7923041776595454	0.5736983387449115	T	T	T
0.0953229706389109	0.1162833374643455	0.6234198717888333	T	T	T
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0.5816457548125911	0.9022365179671041	0.6385849772356735	T	T	T
0.9197901465836864	0.4029093954376037	0.6389707258043913	T	T	T
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0.4418887568123964	0.6188385020506146	0.6269218224944382	T	T	T
0.7507570640324914	0.6116991011935298	0.6239389938400777	T	T	T
0.2582137129028581	0.4168299236181241	0.6369653163417084	T	T	T

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Selective dynamics

Direct

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0.5817967214393595	0.0502074861060946	0.4006560025874871	T	T	T
0.2480919386360350	0.0496896152819319	0.4001685411631779	T	T	T
0.9156062114623614	0.0511261221121179	0.4008345717365550	T	T	T
0.9169888795394205	0.5514958901954140	0.4001435553155898	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
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0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
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0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0830111204605795	0.4485041098045860	0.5998564446844173	T	T	T
0.0843937885376313	0.9488738778878821	0.5991654282634449	T	T	T
0.7519080613639650	0.9503103847180681	0.5998314588368219	T	T	T
0.4182032785606405	0.9497925138939055	0.5993439974125129	T	T	T
0.4070170603287458	0.4527641248677272	0.5983647561922079	T	T	T
0.7537522086631970	0.4537108931257027	0.5992206524693859	T	T	T
0.7521055710526087	0.5451388887290575	0.3353489797483734	T	T	T
0.7291490724889611	0.3809586955850900	0.3705667437439064	T	T	T
0.7455495416852441	0.0408277913641286	0.3359488941468898	T	T	T
0.0812247382419580	0.5449498736378071	0.3353171934526034	T	T	T
0.1248119861375237	0.3812257411265689	0.3686559098240154	T	T	T
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0.2506645669508005	0.8112329621674486	0.3988218163465250	T	T	T
0.5862962270805728	0.3125659139895036	0.3974763278800135	T	T	T
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0.7468228384212364	0.7119930504050392	0.5953000939886652	T T T
0.1595624513469933	0.1323679286269764	0.6437776461872258	T T T
0.9205452284871914	0.9514611393305009	0.6651005746239308	T T T
0.5270513505819987	0.1265239924673031	0.6381618119914749	T T T
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0.8764181514640840	0.1238645053176844	0.6326097717898093	T T T
0.8751880138624762	0.6187742588734311	0.6313440901759848	T T T
0.9187752617580349	0.4550501263621929	0.6646828065473965	T T T
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0.2392041025509695	0.3911371186883819	0.3762495502572275	T T T
0.6087452314280171	0.3878477641476923	0.3755235364313715	T T T
0.7483201212590186	0.0968423599942394	0.3614298027592265	T T T
0.0851045288402334	0.6004357472751132	0.3610275416676347	T T T
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0.2382743396138238	0.8847454093230843	0.3753327757148862	T T T
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0.5784203063491768	0.8840400993089973	0.3746504354569830	T T T
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0.2511223909114953	0.2089884871643769	0.4261932418999433	T T T
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0.5824205133403466	0.7071435353338250	0.4261253271689367	T T T
0.9165629135500462	0.2083597593429619	0.4272113889401297	T T T
0.9168210841255197	0.7113101309558387	0.4270291305362724	T T T
0.0832137849963694	0.0202557354209522	0.4420248238451396	T T T
0.0737360026500100	0.5199808104788544	0.4436032949271436	T T T
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0.2468196300574056	0.4787443978583338	0.5577747131955026	T T T
0.2513111869426343	0.9803873749838685	0.5579413972760121	T T T
0.5794392464401784	0.4820453839069968	0.5597643465097354	T T T
0.5853086917334057	0.9803859661770519	0.5580840701882070	T T T
0.9262639973499899	0.4800191895211458	0.5563967050728565	T T T

0.9167862150036307	0.9797442645790478	0.5579751761548603	T	T	T
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0.7488776090885120	0.7910115128356232	0.5738067581000568	T	T	T
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0.4215796936508234	0.1159599006910029	0.6253495645430170	T	T	T
0.9176061845150868	0.8996699251186692	0.6384712837910982	T	T	T
0.7617256603861761	0.1152545906769158	0.6246672242851137	T	T	T
0.5853471140550603	0.9034475145565242	0.6388353228682783	T	T	T
0.9148954711597667	0.3995642527248869	0.6389724583323653	T	T	T
0.2516798787409814	0.9031576400057605	0.6385701972407662	T	T	T
0.3912547685719830	0.6121522358523075	0.6244764635686284	T	T	T
0.7607958974490303	0.6088628813116181	0.6237504497427726	T	T	T
0.2510907545080652	0.3982789422858378	0.6392690613948832	T	T	T

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1.0000000000000000					
8.5086002349999994	0.0000000000000000	0.0000000000000000			
0.0000000000000000	10.8548107146999993	0.0000000000000000			
0.0000000000000000	0.0000000000000000	30.0000000000000000			

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Selective dynamics

Direct

0.5843216568011212	0.5517151340699648	0.4002310812075721	T	T	T
0.2500858638969380	0.5524805900345888	0.3994775498573146	T	T	T
0.5850872587867169	0.0491193573516488	0.4008217992896692	T	T	T
0.2519229282146084	0.0446801506345315	0.3998817733331391	T	T	T
0.9179699672900065	0.0470716566243333	0.4002047668571450	T	T	T
0.9167957817601682	0.5504397155496898	0.4000579711634133	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0832042182398319	0.4495602844503173	0.5999420288365868	T	T	T
0.0820300327099936	0.9529283433756668	0.5997952331428550	T	T	T
0.7480770717853914	0.9553198493654684	0.6001182266668609	T	T	T
0.4149127412132830	0.9508806426483511	0.5991782007103379	T	T	T
0.7499141361030619	0.4475194099654113	0.6005224501426855	T	T	T
0.4156783431988715	0.4482848659300283	0.5997689187924279	T	T	T
0.3562007659744962	0.4920864904013455	0.3174069779739327	T	T	T
0.7481229141444041	0.5519672424823521	0.3346222656636524	T	T	T
0.7116012437854771	0.3787479443845696	0.3692275443606093	T	T	T
0.7521985367969081	0.0457311256118492	0.3347374738249433	T	T	T
0.0882610140924124	0.5484983644046343	0.3344744522719899	T	T	T
0.9748637641923187	0.3690056363744383	0.3521183227957639	T	T	T
0.0149597335365700	0.8687854516905427	0.3611137257029914	T	T	T
0.4222478960762842	0.0430004053634813	0.3346098646125067	T	T	T
0.3585612738690954	0.8690498643107145	0.3629108152429784	T	T	T
0.0863201424772215	0.0430446259477213	0.3340615134563008	T	T	T
0.6952860161245376	0.8709648843431655	0.3637773165540541	T	T	T

0.2500935951586784	0.2763251242746109	0.4045986331311023	T	T	T
0.2480964389387521	0.8012435274663162	0.4017513525029073	T	T	T
0.5767101788278004	0.3161063632229090	0.3971163311560210	T	T	T
0.5817229419014504	0.8059425853225128	0.4003636576240813	T	T	T
0.9155736064870437	0.2902565465316003	0.4039151755474078	T	T	T
0.9141538919223010	0.7977501053304679	0.4026613551961075	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0858461080776989	0.2022498946695320	0.5973386448038924	T	T	T
0.0844263935129563	0.7097434534683997	0.5960848244525920	T	T	T
0.4182770580985496	0.1940574146774871	0.5996363423759189	T	T	T
0.4232898211721996	0.6838936367770910	0.6028836688439861	T	T	T
0.7519035610612478	0.1987564725336838	0.5982486474970926	T	T	T
0.7499064048413218	0.7236748757253891	0.5954013668688976	T	T	T
0.3047139838754552	0.1290351156568345	0.6362226834459460	T	T	T
0.9136798575227786	0.9569553740522787	0.6659384865437064	T	T	T
0.6414387261309048	0.1309501356892855	0.6370891847570217	T	T	T
0.5777521039237158	0.9569995946365184	0.6653901353875005	T	T	T
0.9850402664634300	0.1312145483094501	0.6388862742970086	T	T	T
0.0251362358076811	0.6309943636255616	0.6478816772042362	T	T	T
0.9117389859075875	0.4515016355953655	0.6655255477280099	T	T	T
0.2478014632030919	0.9542688743881509	0.6652625261750567	T	T	T
0.2883987562145229	0.6212520556154306	0.6307724556393909	T	T	T
0.2518770858555961	0.4480327575176478	0.6653777343363405	T	T	T
0.6437992340255035	0.5079135095986546	0.6825930220260673	T	T	T
0.4226640114113214	0.5697559625866406	0.3167536203956082	T	T	T
0.2377067281141218	0.3834878760853588	0.3323951838242145	T	T	T
0.4190813621250736	0.6094499656735358	0.3627904381614377	T	T	T
0.7505425936975498	0.6022679547759102	0.3616441289974422	T	T	T
0.2496387058500635	0.3957175289676499	0.3766228216052501	T	T	T
0.5951314567786713	0.3882453118483229	0.3746179306653401	T	T	T
0.7517218832570725	0.0966890587422200	0.3616027680780841	T	T	T
0.0832392168856817	0.6005331792452751	0.3611499205365074	T	T	T
0.4179120402722784	0.0938756007470255	0.3614642489589545	T	T	T
0.2535647193697758	0.8815364839769230	0.3760278709013938	T	T	T
0.0850338455560437	0.0929189336703624	0.3611786411249273	T	T	T
0.5881580735532107	0.8828736019952604	0.3758556909540718	T	T	T
0.9043799319960424	0.3849755135575516	0.3771063669598680	T	T	T
0.9147894060350069	0.8823883431961747	0.3766492753168386	T	T	T
0.2498648104084489	0.2047871935883048	0.4260621712393498	T	T	T
0.2492294009935313	0.7102497695736143	0.4270427422451813	T	T	T
0.5820199752810008	0.2076374892040546	0.4269300303693872	T	T	T
0.5826056475960577	0.7094881725931654	0.4271014780802159	T	T	T
0.9174576480694115	0.2076506132684974	0.4263657794024339	T	T	T
0.9165019371221077	0.7089784315364963	0.4267764150238041	T	T	T
0.0846079538836504	0.0187403108941963	0.4419783716211519	T	T	T
0.0841157103817051	0.5198448403110745	0.4416269558229349	T	T	T
0.4173973252317024	0.0188607735192597	0.4420904751740755	T	T	T
0.4161406453617790	0.5198018855878375	0.4413508383042278	T	T	T
0.7515254412059670	0.0195657964670089	0.4421671469049693	T	T	T
0.7508204238991295	0.5201641103885076	0.4419541640236097	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F

0.416666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.416666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.916666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.916666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2491795761008705	0.4798358896114993	0.5580458359763903	T	T	T
0.2484745587940330	0.9804342035329913	0.5578328530950307	T	T	T
0.5838593546382213	0.4801981144121624	0.5586491616957725	T	T	T
0.5826026747682975	0.9811392264807403	0.5579095248259245	T	T	T
0.9158842896182948	0.4801551596889254	0.5583730441770651	T	T	T
0.9153920461163496	0.9812596891058035	0.5580216283788479	T	T	T
0.0834980628778923	0.2910215684635038	0.5732235849761959	T	T	T
0.0825423519305814	0.7923493867315026	0.5736342205975662	T	T	T
0.4173943524039424	0.2905118274068343	0.5728985219197842	T	T	T
0.4179800247189991	0.7923625107959454	0.5730699696306129	T	T	T
0.7507705990064687	0.2897502304263857	0.5729572577548188	T	T	T
0.7501351895915512	0.7952128064116953	0.5739378287606502	T	T	T
0.0852105939649933	0.1176116568038325	0.6233507246831616	T	T	T
0.0956200680039647	0.6150244864424484	0.6228936330401319	T	T	T
0.4118419264467895	0.1171263980047327	0.6241443090459282	T	T	T
0.9149661544439562	0.9070810663296377	0.6388213588750727	T	T	T
0.7464352806302312	0.1184635160230771	0.6239721290986062	T	T	T
0.5820879597277286	0.9061243992529744	0.6385357510410455	T	T	T
0.9167607831143182	0.3994668207547251	0.6388500794634926	T	T	T
0.2482781167429275	0.9033109412577802	0.6383972319219160	T	T	T
0.4048685432213288	0.6117546881516769	0.6253820693346600	T	T	T
0.7503612941499364	0.6042824710323429	0.6233771783947498	T	T	T
0.2494574063024503	0.3977320452240897	0.6383558710025580	T	T	T
0.5809186378749266	0.3905500343264642	0.6372095618385623	T	T	T
0.7622932718858784	0.6165121239146342	0.6676048161757856	T	T	T
0.5773359885886786	0.4302440374133594	0.6832463796043918	T	T	T

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1.000000000000000					
8.5086002349999994	0.0000000000000000	0.0000000000000000			
0.0000000000000000	10.8548107146999993	0.0000000000000000			
0.0000000000000000	0.0000000000000000	30.0000000000000000			

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Selective dynamics

Direct

0.5850081002261618	0.5522924082561076	0.3998127294839904	T	T	T
0.2520073537516794	0.5535272477311395	0.3995532851590156	T	T	T
0.5813284699387467	0.0446187296029379	0.3998264331020991	T	T	T
0.2476694591893747	0.0451576266988454	0.3999131304558716	T	T	T
0.9143954677842814	0.0484901394904398	0.4007823937931789	T	T	T
0.9186968427890676	0.5517405913013107	0.4005135566587512	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.416666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.416666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.916666870000029	0.3182699680000027	0.5326443909999981	F	F	F

0.9166666870000029	0.8182699079999978	0.5326443909999981	F F F
0.0813031572109253	0.4482594086986893	0.5994864433412488	T T T
0.0856045322157186	0.9515098605095602	0.5992176062068282	T T T
0.7523305408106324	0.9548423733011546	0.6000868695441284	T T T
0.4186715300612533	0.9553812703970621	0.6001735668979009	T T T
0.7479926462483206	0.4464727522688534	0.6004467148409844	T T T
0.4149918997738453	0.4477075917438924	0.6001872705160167	T T T
0.3878679674637624	0.3611439315191021	0.3271849111594491	T T T
0.4201183943923397	0.5509364180525509	0.3350894610094599	T T T
0.7491727303572517	0.5348817798311032	0.3370545276511976	T T T
0.7478419642349650	0.0450755063478283	0.3343959393254536	T T T
0.0852231646417394	0.5553677330506090	0.3341865408013831	T T T
0.0482988705070824	0.3796210594374472	0.3715676798113208	T T T
0.1442395286669012	0.8683025988209749	0.3621557529102262	T T T
0.4123190249270081	0.0430616021913366	0.3338763716398745	T T T
0.4825635217320041	0.8677164755986198	0.3615390456097103	T T T
0.0773046301963234	0.0446007819238048	0.3345439322203703	T T T
0.8044213761508416	0.8711532025346642	0.3636372506773924	T T T
0.2543985194538863	0.2786682754386263	0.4035168688133552	T T T
0.2518498860689320	0.8005791434398120	0.4021314909531313	T T T
0.5825705545217872	0.2772823255691037	0.4046080657987545	T T T
0.5859394328867111	0.7964865119515423	0.4033587214400143	T T T
0.9100054929985149	0.3152277238609003	0.3973835746355192	T T T
0.9182599448992335	0.8060767272566309	0.4000782962874254	T T T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F F F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F F F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F F F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F F F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F F F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F F F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F F F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F F F
0.0817400551007665	0.1939232727433691	0.5999217037125675	T T T
0.0899945070014851	0.6847722761390997	0.6026164253644808	T T T
0.4140605671132889	0.2035134880484506	0.5966412785599857	T T T
0.4174294454782128	0.7227176744309034	0.5953919342012455	T T T
0.7481501139310680	0.1994208565601880	0.5978685090468687	T T T
0.7456014805461137	0.7213317245613737	0.5964831311866448	T T T
0.1955786238491584	0.1288467974653358	0.6363627493226076	T T T
0.9226953698036766	0.9553992180761952	0.6654560677796297	T T T
0.5174364782679959	0.1322835244013802	0.6384609543902897	T T T
0.5876809750729919	0.9569383978086634	0.6661236283601255	T T T
0.8557604713330988	0.1316974011790251	0.6378442470897738	T T T
0.9517011294929176	0.6203789405625528	0.6284323201886792	T T T
0.9147768353582606	0.4446322669493981	0.6658134591986169	T T T
0.2521580357650350	0.9549244936521717	0.6656040606745464	T T T
0.2508272696427554	0.4651182201688897	0.6629454723488024	T T T
0.5798816056076603	0.4490635819474491	0.6649105389905401	T T T
0.6121320325362376	0.6388560684808979	0.6728150888405509	T T T
0.5782440492902836	0.3861760442380273	0.3325337623870439	T T T
0.2719954524200858	0.3810481646869022	0.3284775505273103	T T T
0.4192562750938080	0.6041876057168807	0.3615198630819094	T T T
0.7520441438560752	0.5968394637929677	0.3609121291232213	T T T
0.2441673678002019	0.3911989152603041	0.3760553426859659	T T T
0.5813635411165876	0.3954899722948326	0.3771586897577208	T T T
0.7476006976258134	0.0945532174044459	0.3616212464362150	T T T
0.0844627615107356	0.6040560073421517	0.3616193734816093	T T T
0.4146400889411197	0.0921838184750143	0.3611738691901252	T T T
0.2473903298656523	0.8817685526176362	0.3762017215480284	T T T

0.0812939611902195	0.0945622321908601	0.3616287857118508	T	T	T
0.5843063716919943	0.8818322845576958	0.3762676114128638	T	T	T
0.9314704434097791	0.3879214776792281	0.3751567501602864	T	T	T
0.9116686550202360	0.8826956330127231	0.3756681951499061	T	T	T
0.2508921032664020	0.2060986581491449	0.4259129163904234	T	T	T
0.2511226441507617	0.7106207208701179	0.4272175074709637	T	T	T
0.5827549395152261	0.2051130662273124	0.4260959776345885	T	T	T
0.5843763108473681	0.7104886076705839	0.4270874426061511	T	T	T
0.9152726866815186	0.2072983543224396	0.4269332378698678	T	T	T
0.9167215090258125	0.7094705887829704	0.4270706215215938	T	T	T
0.0822879741627176	0.0190439974315026	0.4421354261279546	T	T	T
0.0855126688136494	0.5203181140506672	0.4417723222736427	T	T	T
0.4150162935122594	0.0185154467840931	0.4419645992819241	T	T	T
0.4177659156120654	0.5202477624875002	0.4416554707821803	T	T	T
0.7479402055605036	0.0188336753989162	0.4421673975056564	T	T	T
0.7507834755243508	0.5196259673013799	0.4417769802896885	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2492165244756492	0.4803740326986201	0.5582230197103115	T	T	T
0.2520597944394964	0.9811663246010838	0.5578326024943436	T	T	T
0.5822340843879417	0.4797522375124998	0.5583445292178197	T	T	T
0.5849837064877406	0.9814845532159069	0.5580354007180759	T	T	T
0.9144873311863506	0.4796818859493328	0.5582276777263573	T	T	T
0.9177120258372824	0.9809560025684974	0.5578645738720454	T	T	T
0.0832784909741875	0.2905294112170296	0.5729293784784062	T	T	T
0.0847273133184814	0.7927016456775604	0.5730667621301322	T	T	T
0.4156236891526248	0.2895113923294161	0.5729125573938489	T	T	T
0.4172450604847739	0.7948869337726876	0.5739040223654115	T	T	T
0.7488773558492383	0.2893792791298821	0.5727824925290363	T	T	T
0.7491078967335980	0.7939013418508551	0.5740870836095766	T	T	T
0.0883313449797640	0.1173043669872769	0.6243318048500939	T	T	T
0.0685295565902209	0.6120785223207719	0.6248432498397136	T	T	T
0.4156936283080128	0.1181677154423042	0.6237323885871362	T	T	T
0.9187060388097805	0.9054377678091399	0.6383712142881492	T	T	T
0.7526096701343477	0.1182314473823638	0.6237982784519716	T	T	T
0.5853599110588803	0.9078161815249857	0.6388261308098748	T	T	T
0.9155372384892644	0.3959439926578483	0.6383806265183907	T	T	T
0.2523993023741866	0.9054467825955541	0.6383787535637850	T	T	T
0.4186364588834124	0.6045100277051674	0.6228413102422792	T	T	T
0.7558326321997981	0.6088010847396959	0.6239446573140341	T	T	T
0.2479558561439248	0.4031605362070323	0.6390878708767787	T	T	T
0.5807437249061920	0.3958123942831193	0.6384801369180906	T	T	T
0.7280045475799213	0.6189518353130978	0.6715224494726897	T	T	T
0.4217559507097164	0.6138239557619727	0.6674662376129561	T	T	T

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1.0000000000000000		
8.5086002349999994	0.0000000000000000	0.0000000000000000
0.0000000000000000	10.8548107146999993	0.0000000000000000
0.0000000000000000	0.0000000000000000	30.0000000000000000

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Selective dynamics

Direct

0.5787247192035490	0.5478964481735720	0.4009152764498746	T	T	T
0.2468937543753005	0.5496367613068137	0.4003837306064000	T	T	T
0.5860043504030163	0.0504239803246734	0.4005578659770623	T	T	T
0.2518545456595935	0.0496233403378546	0.4005713907942805	T	T	T
0.9189278217159159	0.0502458861330750	0.4004839701751790	T	T	T
0.9172368583095464	0.5500961803711845	0.4004667831391455	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0827631416904537	0.4499038196288159	0.5995332168608544	T	T	T
0.0810721782840843	0.9497541138669255	0.5995160298248208	T	T	T
0.4212752807964509	0.4521035518264276	0.5990847235501252	T	T	T
0.4139956495969830	0.9495760196753266	0.5994421340229374	T	T	T
0.7531062456247003	0.4503632386931866	0.5996162693935999	T	T	T
0.7481454543404056	0.9503766596621527	0.5994286092057201	T	T	T
0.5337018604977529	0.6961746988133140	0.3285639425152461	T	T	T
0.4918919013864757	0.3712789674448385	0.3581426977952110	T	T	T
0.8152686296497830	0.3730242202209169	0.3625722724145251	T	T	T
0.7531939078503457	0.0515031793629257	0.3342565318713883	T	T	T
0.0807720786500148	0.5483762979419686	0.3347941471297932	T	T	T
0.1249785489887296	0.3730945908403072	0.3668263175499532	T	T	T
0.0265668637864693	0.8734169127650213	0.3640226808337726	T	T	T
0.4217840025190000	0.0411402225725348	0.3353896962097896	T	T	T
0.3286449896004518	0.8598414297714696	0.3570164565489752	T	T	T
0.0870121403233969	0.0488104453931236	0.3345938505087979	T	T	T
0.7081030694362559	0.8767226443984142	0.3658634948363404	T	T	T
0.2496856723466316	0.3073303092354586	0.3996808140543706	T	T	T
0.2439959950484171	0.8040669960264341	0.4012552369216549	T	T	T
0.5832982328741966	0.3003158985132576	0.4012458271812641	T	T	T
0.5825314931964091	0.8122645253134696	0.3984394105829958	T	T	T
0.9186934408976724	0.2949428755140608	0.4037906767653279	T	T	T
0.9160175006972322	0.8050853552977127	0.4013591066639762	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0839824993027680	0.1949146447022872	0.5986408933360230	T	T	T
0.0813065591023275	0.7050571244859396	0.5962093232346716	T	T	T
0.4174685068035917	0.1877354746865312	0.6015605894170118	T	T	T
0.4167017671258030	0.6996841014867414	0.5987541728187359	T	T	T
0.7560040049515830	0.1959330039735658	0.5987447630783452	T	T	T
0.7503143276533683	0.6926696907645418	0.6003191859456292	T	T	T
0.2918969305637443	0.1232773556015863	0.6341365051636594	T	T	T
0.9129878596766038	0.9511895546068763	0.6654061494912019	T	T	T
0.6713550103995476	0.1401585702285302	0.6429835434510248	T	T	T

0.5782159974809998	0.9588597774274649	0.6646103037902097	T	T	T
0.9734331362135308	0.1265830872349786	0.6359773191662279	T	T	T
0.8750214510112632	0.6269054091596924	0.6331736824500471	T	T	T
0.9192279213499850	0.4516237020580315	0.6652058528702074	T	T	T
0.2468060921496615	0.9484968206370750	0.6657434681286127	T	T	T
0.1847313703502165	0.6269757797790834	0.6374277275854746	T	T	T
0.5081080986135241	0.6287210325551617	0.6418573022047893	T	T	T
0.4662981395022466	0.3038253011866862	0.6714360574847545	T	T	T
0.7379022276788996	0.6676482956169021	0.3297226350773710	T	T	T
0.4183298222680464	0.6911691547206645	0.3357236265082304	T	T	T
0.4150777731775321	0.5726925921335638	0.3587907488821801	T	T	T
0.7458815705755348	0.5866789439497401	0.3627850182070974	T	T	T
0.2364210641927884	0.3834793251120165	0.3760884192272905	T	T	T
0.5853603580889651	0.3817097973264990	0.3768869885493609	T	T	T
0.7526183707666836	0.1002237304008647	0.3616474526619707	T	T	T
0.0816492181554820	0.5998112846312782	0.3615546841753276	T	T	T
0.4189788078714475	0.0956854000069120	0.3612848254649873	T	T	T
0.2408967901975390	0.8830976142483656	0.3765455503892473	T	T	T
0.0851790223561911	0.0991100689181201	0.3616004497641294	T	T	T
0.5971864741002485	0.8867542669228404	0.3754056012887524	T	T	T
0.9182782623544169	0.3846542447957335	0.3769671042498330	T	T	T
0.9198682896452115	0.8845331128041940	0.3766889088482313	T	T	T
0.2512352971368940	0.2077498667387888	0.4268219168879888	T	T	T
0.2500627472703277	0.7082098824581542	0.426522353796427	T	T	T
0.5833433907496467	0.2081653061313562	0.4268713987700329	T	T	T
0.5814724588068875	0.7071929900576422	0.4261543356406366	T	T	T
0.9172811610464795	0.2092185705428764	0.4266676135773301	T	T	T
0.9161488289742742	0.7089546063681510	0.4265709411308378	T	T	T
0.0844799818810220	0.0199501144239063	0.4420593076299257	T	T	T
0.0818495688598908	0.5202956666097033	0.4419180656643861	T	T	T
0.4185117255863354	0.0191829320604365	0.4419227177599066	T	T	T
0.4139144893008175	0.5191257212359252	0.4418779844710527	T	T	T
0.7520533886024392	0.0201107433761468	0.4420221143469419	T	T	T
0.7492858002527586	0.5196984865582499	0.4418389023264999	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2507141997472412	0.4803015134417501	0.5581610976735001	T	T	T
0.2479466113975615	0.9798892566238540	0.5579778856530576	T	T	T
0.5860855106991827	0.4808742787640747	0.5581220155289471	T	T	T
0.5814882744136640	0.9808170679395635	0.5580772822400937	T	T	T
0.9181504311401086	0.4797043333902972	0.5580819343356146	T	T	T
0.9155200181189780	0.9800498855760936	0.5579406923700738	T	T	T
0.0838511710257250	0.2910453936318487	0.5734290588691622	T	T	T
0.0827188389535201	0.7907814294571237	0.5733323864226700	T	T	T
0.4185275411931130	0.2928070099423568	0.5738456643593632	T	T	T
0.4166566092503532	0.7918346938686445	0.5731286012299671	T	T	T
0.7499372527296724	0.2917901175418455	0.5734777646203576	T	T	T
0.7487647028631060	0.7922501332612115	0.5731780831120118	T	T	T
0.0801317103547881	0.1154668871958128	0.6233110911517692	T	T	T
0.0817217376455830	0.6153457552042664	0.6230328957501673	T	T	T
0.4028135258997509	0.1132457330771599	0.6245943987112480	T	T	T
0.9148209776438087	0.9008899310818730	0.6383995502358709	T	T	T
0.7591032098024608	0.1169023857516340	0.6234544496107522	T	T	T

0.5810211921285521	0.9043145999930887	0.6387151745350129	T	T	T
0.9183507818445179	0.4001887153687222	0.6384453158246658	T	T	T
0.2473816292333089	0.8997762695991358	0.6383525473380295	T	T	T
0.4146396419110347	0.6182902026735013	0.6231130114506387	T	T	T
0.7635789358072113	0.6165206748879830	0.6239115807727097	T	T	T
0.2541184294244657	0.4133210560502596	0.6372149817929029	T	T	T
0.5849222268224679	0.4273074078664371	0.6412092511178197	T	T	T
0.5816701777319536	0.3088308452793353	0.6642763734917692	T	T	T
0.2620977723211014	0.3323517043830977	0.6702773649226290	T	T	T

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1.0000000000000000					
8.5086002349999994	0.0000000000000000	0.0000000000000000			
0.0000000000000000	10.8548107146999993	0.0000000000000000			
0.0000000000000000	0.0000000000000000	30.0000000000000000			

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Selective dynamics

Direct

0.5850081002261618	0.5522924082561076	0.3998127294839904	T	T	T
0.2520073537516794	0.5535272477311395	0.3995532851590156	T	T	T
0.5813284699387467	0.0446187296029379	0.3998264331020991	T	T	T
0.2476694591893747	0.0451576266988454	0.3999131304558716	T	T	T
0.9143954677842814	0.0484901394904398	0.4007823937931789	T	T	T
0.9186968427890676	0.5517405913013107	0.4005135566587512	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0813031572109253	0.4482594086986893	0.5994864433412488	T	T	T
0.0856045322157186	0.9515098605095602	0.5992176062068282	T	T	T
0.7523305408106324	0.9548423733011546	0.6000868695441284	T	T	T
0.4186715300612533	0.9553812703970621	0.6001735668979009	T	T	T
0.7479926462483206	0.4464727522688534	0.6004467148409844	T	T	T
0.4149918997738453	0.4477075917438924	0.6001872705160167	T	T	T
0.3878679674637624	0.3611439315191021	0.3271849111594491	T	T	T
0.4201183943923397	0.5509364180525509	0.3350894610094599	T	T	T
0.7491727303572517	0.5348817798311032	0.3370545276511976	T	T	T
0.7478419642349650	0.0450755063478283	0.3343959393254536	T	T	T
0.0852231646417394	0.5553677330506090	0.3341865408013831	T	T	T
0.0482988705070824	0.3796210594374472	0.3715676798113208	T	T	T
0.1442395286669012	0.8683025988209749	0.3621557529102262	T	T	T
0.4123190249270081	0.0430616021913366	0.3338763716398745	T	T	T
0.4825635217320041	0.8677164755986198	0.3615390456097103	T	T	T
0.0773046301963234	0.0446007819238048	0.3345439322203703	T	T	T
0.8044213761508416	0.8711532025346642	0.3636372506773924	T	T	T
0.2543985194538863	0.2786682754386263	0.4035168688133552	T	T	T
0.2518498860689320	0.8005791434398120	0.4021314909531313	T	T	T
0.5825705545217872	0.2772823255691037	0.4046080657987545	T	T	T
0.5859394328867111	0.7964865119515423	0.4033587214400143	T	T	T
0.9100054929985149	0.3152277238609003	0.3973835746355192	T	T	T
0.9182599448992335	0.8060767272566309	0.4000782962874254	T	T	T
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0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
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0.4174294454782128	0.7227176744309034	0.5953919342012455	T	T	T
0.7481501139310680	0.1994208565601880	0.5978685090468687	T	T	T
0.7456014805461137	0.7213317245613737	0.5964831311866448	T	T	T
0.1955786238491584	0.1288467974653358	0.6363627493226076	T	T	T
0.9226953698036766	0.9553992180761952	0.6654560677796297	T	T	T
0.5174364782679959	0.1322835244013802	0.6384609543902897	T	T	T
0.5876809750729919	0.9569383978086634	0.6661236283601255	T	T	T
0.8557604713330988	0.1316974011790251	0.6378442470897738	T	T	T
0.9517011294929176	0.6203789405625528	0.6284323201886792	T	T	T
0.9147768353582606	0.4446322669493981	0.6658134591986169	T	T	T
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0.5782440492902836	0.3861760442380273	0.3325337623870439	T	T	T
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0.4146400889411197	0.0921838184750143	0.3611738691901252	T	T	T
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0.0812939611902195	0.0945622321908601	0.3616287857118508	T	T	T
0.5843063716919943	0.8818322845576958	0.3762676114128638	T	T	T
0.9314704434097791	0.3879214776792281	0.3751567501602864	T	T	T
0.9116686550202360	0.8826956330127231	0.3756681951499061	T	T	T
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0.5843763108473681	0.7104886076705839	0.4270874426061511	T	T	T
0.9152726866815186	0.2072983543224396	0.4269332378698678	T	T	T
0.9167215090258125	0.7094705887829704	0.4270706215215938	T	T	T
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0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F

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0.5822340843879417	0.4797522375124998	0.5583445292178197	T	T	T
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0.9144873311863506	0.4796818859493328	0.5582276777263573	T	T	T
0.9177120258372824	0.9809560025684974	0.5578645738720454	T	T	T
0.0832784909741875	0.2905294112170296	0.5729293784784062	T	T	T
0.0847273133184814	0.7927016456775604	0.5730667621301322	T	T	T
0.4156236891526248	0.2895113923294161	0.5729125573938489	T	T	T
0.4172450604847739	0.7948869337726876	0.5739040223654115	T	T	T
0.7488773558492383	0.2893792791298821	0.5727824925290363	T	T	T
0.7491078967335980	0.7939013418508551	0.5740870836095766	T	T	T
0.0883313449797640	0.1173043669872769	0.6243318048500939	T	T	T
0.0685295565902209	0.6120785223207719	0.6248432498397136	T	T	T
0.4156936283080128	0.1181677154423042	0.6237323885871362	T	T	T
0.9187060388097805	0.9054377678091399	0.6383712142881492	T	T	T
0.7526096701343477	0.1182314473823638	0.6237982784519716	T	T	T
0.5853599110588803	0.9078161815249857	0.6388261308098748	T	T	T
0.9155372384892644	0.3959439926578483	0.6383806265183907	T	T	T
0.2523993023741866	0.9054467825955541	0.6383787535637850	T	T	T
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0.7558326321997981	0.6088010847396959	0.6239446573140341	T	T	T
0.2479558561439248	0.4031605362070323	0.6390878708767787	T	T	T
0.5807437249061920	0.3958123942831193	0.6384801369180906	T	T	T
0.7280045475799213	0.6189518353130978	0.6715224494726897	T	T	T
0.4217559507097164	0.6138239557619727	0.6674662376129561	T	T	T

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8.5086002349999994	0.0000000000000000	0.0000000000000000
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Selective dynamics

Direct

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0.9181943844111539	0.0469993445317966	0.4001814938797441	T	T	T
0.9176494005135121	0.5504728143314668	0.4002096959584271	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
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0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
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0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0823505994864879	0.4495271856685403	0.5997903040415730	T	T	T
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0.7532318844126425	0.4467724333471145	0.5990647836610988	T	T	T
0.4135018137120877	0.4520276336688904	0.5998989439951338	T	T	T
0.7516377650916927	0.5487786690114592	0.3345865818349115	T	T	T
0.7215474151605995	0.3765405634132238	0.3705866900941889	T	T	T

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0.9781690138059094	0.3695749207788315	0.3519531705655208	T	T	T
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0.3610836629920924	0.8706598315821749	0.3634929300758238	T	T	T
0.0864859740677816	0.0430868130271625	0.3339469535351643	T	T	T
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0.2483470368519006	0.8025605306447620	0.4018328858937419	T	T	T
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0.9193868076833646	0.2901604802927378	0.4039697105572223	T	T	T
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0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
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0.9135140259322184	0.9569131869728374	0.6660530464648428	T	T	T
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0.9864719705675538	0.1317187709928826	0.6395111911645931	T	T	T
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0.2676739717336967	0.4102811660884330	0.3298662266191844	T	T	T
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0.7514886213028759	0.5998700146650618	0.3614330911198734	T	T	T
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0.6044556014327562	0.3856742575175298	0.3750540749086704	T	T	T
0.7517593882056681	0.0963520290377782	0.3616833476458949	T	T	T
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0.9107471705124462	0.3846503787477517	0.3776260434052822	T	T	T
0.9144829229717536	0.8822948936659034	0.3765064893531619	T	T	T
0.2507412009703508	0.2063420875223543	0.4256101617242182	T	T	T
0.2494167195967056	0.7115306740732518	0.4273332339594772	T	T	T
0.5822375131757458	0.2069505097727896	0.4270388726448774	T	T	T
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0.5827893114972396	0.9810682415260265	0.5579452690949043	T	T	T
0.9166834395422896	0.4796436232966687	0.5579201901231454	T	T	T
0.9149265196937230	0.9810934709004139	0.5580749569999824	T	T	T
0.0835941948445258	0.2908493319102718	0.5732288683494655	T	T	T
0.0822124598263776	0.7927715831093725	0.5735609000549493	T	T	T
0.4180344060914407	0.2920730727649782	0.5734508404336591	T	T	T
0.4177624868242542	0.7930494902272104	0.5729611273551225	T	T	T
0.7505832804032945	0.2884693259267482	0.5726667660405228	T	T	T
0.7492587990296492	0.7936579124776457	0.5743898382757817	T	T	T
0.0855170770282464	0.1177051063340966	0.6234935106468381	T	T	T
0.0892528294875537	0.6153496212522482	0.6223739565947178	T	T	T
0.4137571274920322	0.1178429953834495	0.6238936757161780	T	T	T
0.9147551521593504	0.9069450862304176	0.6389561968511277	T	T	T
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0.5818675654650161	0.9057618973152617	0.6385573834778528	T	T	T
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0.2482406117943319	0.9036479709622217	0.6383166523541051	T	T	T
0.3955443985672509	0.6143257424824702	0.6249459250913295	T	T	T
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0.5787487904647257	0.4074961929819206	0.6397344456716014	T	T	T
0.7323260282663033	0.5897188339115599	0.6701337733808157	T	T	T
0.5932118123929915	0.4547859313710975	0.6807537780373505	T	T	T

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1.0000000000000000		
8.5086002349999994	0.0000000000000000	0.0000000000000000
0.0000000000000000	10.8548107146999993	0.0000000000000000
0.0000000000000000	0.0000000000000000	30.0000000000000000

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Selective dynamics

Direct

0.5877192745962250	0.5514674434579374	0.4004176503120829	T	T	T
0.2484764662940327	0.5527924240229637	0.3996727847227381	T	T	T
0.5813810263304950	0.0496902742613562	0.4007027807234220	T	T	T
0.2481117331942616	0.0454525958023716	0.3998268126608258	T	T	T
0.9145039507753503	0.0476256913213769	0.4002371450442702	T	T	T
0.9177071939005577	0.5509331200970000	0.4002542354202546	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F

0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0822928060994421	0.4490668799030001	0.5997457645797452	T	T	T
0.0854960492246425	0.9523743086786229	0.5997628549557299	T	T	T
0.7518882668057386	0.9545474041976286	0.6001731873391741	T	T	T
0.4186189736695050	0.9503097257386437	0.5992972192765779	T	T	T
0.7515235337059676	0.4472075759770363	0.6003272152772618	T	T	T
0.4122807254037750	0.4485325565420624	0.5995823496879170	T	T	T
0.7509994505077476	0.5540652330007743	0.3344929789267659	T	T	T
0.7155485048057675	0.3784630104175993	0.3692746369675407	T	T	T
0.7449371708597374	0.0467827619286154	0.3345944014623294	T	T	T
0.0954499472323502	0.5413935630651100	0.3363231965179356	T	T	T
0.9795677333682288	0.3688858246317512	0.3531247719301076	T	T	T
0.1467702303715135	0.8691949264046195	0.3616406625057481	T	T	T
0.4145338156213770	0.0478590847262737	0.3340176622964814	T	T	T
0.4735922693123316	0.8728311185900439	0.3625524417472579	T	T	T
0.0784294564696667	0.0457509037373700	0.3339469721219820	T	T	T
0.8147393669345271	0.8692727487314085	0.3609693642101151	T	T	T
0.2518946092011051	0.2766313709686766	0.4042989280313275	T	T	T
0.2511344344400943	0.8009406998274624	0.4023307863023598	T	T	T
0.5786356816978243	0.3162751422707418	0.3969996070120989	T	T	T
0.5858334944389669	0.8079781267437844	0.3994694327214670	T	T	T
0.9150470127650436	0.2922344591892019	0.4036486639147903	T	T	T
0.9185409966728808	0.8027627839157930	0.4011442714201431	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0814590033271192	0.1972372160842070	0.5988557285798571	T	T	T
0.0849529872349561	0.7077655408107980	0.5963513360852096	T	T	T
0.4141665055610330	0.1920218732562157	0.6005305672785404	T	T	T
0.4213643183021758	0.6837248577292584	0.6030003929879010	T	T	T
0.7488655655599059	0.1990593001725375	0.5976692136976401	T	T	T
0.7481053907988949	0.7233686290313232	0.5957010719686726	T	T	T
0.1852606330654728	0.1307272512685914	0.6390306357898848	T	T	T
0.9215705435303262	0.9542490962626299	0.6660530278780181	T	T	T
0.5264077306876684	0.1271688814099562	0.6374475582527424	T	T	T
0.5854661843786229	0.9521409152737262	0.6659823377035184	T	T	T
0.8532297696284864	0.1308050735953805	0.6383593374942518	T	T	T
0.0204322666317641	0.6311141753682488	0.6468752280698924	T	T	T
0.9045500527676497	0.4586064369348899	0.6636768034820645	T	T	T
0.2550628291402625	0.9532172380713846	0.6654055985376708	T	T	T
0.2844514951942325	0.6215369895824006	0.6307253630324592	T	T	T
0.2490005494922525	0.4459347669992258	0.6655070210732342	T	T	T
0.2007532045315822	0.3842891465096633	0.3336277575682219	T	T	T
0.4170555730916165	0.5926485893592960	0.3189306617214648	T	T	T
0.4179649899722188	0.5948614900346507	0.3626580805583461	T	T	T
0.7520366856437858	0.6032132108282345	0.3618166921193049	T	T	T
0.2509254317414580	0.3956792003097046	0.3753533075104794	T	T	T

0.5988832149546970	0.3885215413852942	0.3746662349969909	T	T	T
0.7482989840062161	0.0968084017846969	0.3616719349903258	T	T	T
0.0834857187238428	0.6003679928801735	0.3611855377390467	T	T	T
0.4142060835573992	0.0957736865075135	0.3615993810894415	T	T	T
0.2494636654742785	0.8818338625113011	0.3761223644550269	T	T	T
0.0814571691596011	0.0942723771523858	0.3613787094631202	T	T	T
0.5796428131262531	0.8835681355724915	0.3753082915498923	T	T	T
0.9048453018547219	0.3847666216198842	0.3773162356437174	T	T	T
0.9156280831356025	0.8826217845594310	0.3762175585493820	T	T	T
0.2497863882297343	0.2056020315513773	0.4260079287974221	T	T	T
0.2504668959237054	0.7107725511038074	0.4271057851687569	T	T	T
0.5818804721021160	0.2078244037405309	0.4269400510857297	T	T	T
0.5838068368923922	0.7093026510107385	0.4269289227714891	T	T	T
0.9169528816938610	0.2078721587330214	0.4264221515872922	T	T	T
0.9177588889358246	0.7092061631232096	0.4268824062244995	T	T	T
0.0820661345546612	0.0189610107505542	0.4419620482867359	T	T	T
0.0841327633667456	0.5199116208385175	0.4417845675335299	T	T	T
0.4147240321295169	0.0190001308370831	0.4420356124368363	T	T	T
0.4171281886591539	0.5194903619888623	0.4412252898892997	T	T	T
0.7487757559363507	0.0194885418251767	0.4420813680728935	T	T	T
0.7515075729960008	0.5203837644827005	0.4420271962529909	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2484924270039993	0.4796162355172993	0.5579728037470091	T	T	T
0.2512242440636493	0.9805114581748233	0.5579186319271063	T	T	T
0.5828718113408462	0.4805096380111378	0.5587747101107002	T	T	T
0.5852759678704832	0.9809998691629168	0.5579643875631638	T	T	T
0.9158672366332543	0.4800883791614823	0.5582154324664702	T	T	T
0.9179338654453391	0.9810389892494457	0.5580379517132640	T	T	T
0.0822411110641753	0.2907938368767903	0.5731175937755076	T	T	T
0.0830471183061388	0.7921278412669785	0.5735778484127079	T	T	T
0.4161931631076078	0.2906973489892615	0.5730710772285038	T	T	T
0.4181195278978838	0.7921755962594690	0.5730599489142704	T	T	T
0.7495331040762945	0.2892274488961927	0.5728942148312429	T	T	T
0.7502136117702659	0.7943979684486226	0.5739920712025780	T	T	T
0.0843719168643973	0.1173782154405691	0.6237824414506180	T	T	T
0.0951546981452781	0.6152333783801157	0.6226837643562828	T	T	T
0.4203571868737468	0.1164318644275084	0.6246917084501078	T	T	T
0.9185428308403989	0.9057276228476142	0.6386212905368799	T	T	T
0.7505363345257212	0.1181661374886988	0.6238776355449731	T	T	T
0.5857939164426007	0.9042263134924864	0.6384006189105583	T	T	T
0.9165142812761571	0.3996320071198263	0.6388144622609532	T	T	T
0.2517010159937839	0.9031915982153029	0.6383280650096742	T	T	T
0.4011167850453033	0.6114784586147060	0.6253337650030090	T	T	T
0.7490745682585420	0.6043207996902952	0.6246466924895204	T	T	T
0.2479633143562142	0.3967867891717654	0.6381833078806950	T	T	T
0.5820350100277810	0.4051385099653494	0.6373419194416539	T	T	T
0.5829444269083836	0.4073514106407042	0.6810693382785351	T	T	T
0.7992467954684179	0.6157108534903366	0.6663722424317781	T	T	T

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8.5086002349999994 0.0000000000000000 0.0000000000000000

0.0000000000000000 10.8548107146999993 0.0000000000000000
0.0000000000000000 0.0000000000000000 30.0000000000000000

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Selective dynamics

Direct

0.2475172406231820	0.0445033151769394	0.3998168562604434	T	T	T
0.2537488545084443	0.5544516363360117	0.3995701393436661	T	T	T
0.5811853335182704	0.0443781284722036	0.3998457648513423	T	T	T
0.5822342453710192	0.5521206880228249	0.3996367658263935	T	T	T
0.9141598801815149	0.0481978107321126	0.4006863416891804	T	T	T
0.9185983358692127	0.5500330778975808	0.4003915518930157	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0814016641307802	0.4499669221024263	0.5996084481069843	T	T	T
0.0858401198184851	0.9518021892678874	0.5993136583108196	T	T	T
0.4177657546289808	0.4478793119771751	0.6003632341736065	T	T	T
0.4188146664817296	0.9556218715277964	0.6001542351486577	T	T	T
0.7462511454915557	0.4455483636639883	0.6004298606563339	T	T	T
0.7524827593768180	0.9554966848230606	0.6001831437395566	T	T	T
0.4163232842229618	0.5497361968834582	0.3361078068844776	T	T	T
0.7525803413886152	0.5310183304407445	0.3367759680744697	T	T	T
0.7474501651236807	0.0442252940481751	0.3344159650541769	T	T	T
0.0855561950734298	0.5563668512397371	0.3334852012819383	T	T	T
0.0376676285073714	0.3739264674018941	0.3657142571560357	T	T	T
0.1443780022181116	0.8681785795641090	0.3620467454419938	T	T	T
0.4124343802967303	0.0413883223124287	0.3340473104867101	T	T	T
0.4818613747348550	0.8673373458252627	0.3619877484368814	T	T	T
0.0771969071094105	0.0447417943355717	0.3343257812394000	T	T	T
0.8028797710693709	0.8709925782347696	0.3640473660160666	T	T	T
0.2575925952664804	0.2768757966721651	0.4039264163751000	T	T	T
0.2512689771954797	0.7997024524583338	0.4025870248860386	T	T	T
0.5778107682913785	0.2772892283866994	0.4043191890098612	T	T	T
0.5866205469218926	0.7953748225688386	0.4037953980163280	T	T	T
0.9140643700978046	0.3103486638974857	0.3983644040478254	T	T	T
0.9180111142138259	0.8051799124635863	0.4000517904327836	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0819888857861741	0.1948200875364137	0.5999482095672164	T	T	T
0.0859356299021954	0.6896513361025143	0.6016355959521746	T	T	T
0.4133794530781074	0.2046251774311614	0.5962046019836720	T	T	T
0.4221892317086215	0.7227107716133006	0.5956808109901388	T	T	T
0.7487310228045203	0.2002975475416662	0.5974129751139614	T	T	T

0.7424074047335196	0.7231242033278349	0.5960735836249000	T	T	T
0.1971202289306291	0.1290074217652304	0.6359526339839334	T	T	T
0.9228030928905895	0.9552582056644212	0.6656742187606000	T	T	T
0.5181386252651450	0.1326626541747373	0.6380122515631186	T	T	T
0.5875656197032697	0.9586116776875713	0.6659526895132899	T	T	T
0.8556219977818884	0.1318214204358910	0.6379532545580062	T	T	T
0.9623323714926286	0.6260735325981059	0.6342857428439643	T	T	T
0.9144438049265702	0.4436331487602629	0.6665147987180617	T	T	T
0.2525498348763193	0.9557747059518249	0.6655840349458231	T	T	T
0.2474196586113848	0.4689816695592484	0.6632240319255303	T	T	T
0.5836767157770382	0.4502638031165418	0.6638921931155224	T	T	T
0.5324119858373990	0.3813700500281740	0.3337721630023225	T	T	T
0.3063027834422769	0.3864203484794828	0.3316363172956898	T	T	T
0.4184479639880649	0.607630565555103	0.3614271293299183	T	T	T
0.7512828916934922	0.5929213619560585	0.3605115245700929	T	T	T
0.2656778702580311	0.3940334869786497	0.3748214124813884	T	T	T
0.5637533326622943	0.3920344360564414	0.3768223662112575	T	T	T
0.7474335041110294	0.0942388221652593	0.3615143392448346	T	T	T
0.0849135641967536	0.6021310564813760	0.3615509228450620	T	T	T
0.4144260038937375	0.0909612085718621	0.3612342428528734	T	T	T
0.2472004742288050	0.8816738370027721	0.3762357121997795	T	T	T
0.0812254614069801	0.0942961414731442	0.3615039581699335	T	T	T
0.5841974959309297	0.8817819285179525	0.3763481238963990	T	T	T
0.9282558685509485	0.3849318585349266	0.3753229422821036	T	T	T
0.9105636662560173	0.8824160204722276	0.3758585811582051	T	T	T
0.2508589244949917	0.2056206633761377	0.4258665113851094	T	T	T
0.2504254262242043	0.7112963529463485	0.4273880156476650	T	T	T
0.5824787519081980	0.2049634822181403	0.4261036118044785	T	T	T
0.5851614466566062	0.7103340336338704	0.4271373330454793	T	T	T
0.9156735690833173	0.2073148809619099	0.4268198191955221	T	T	T
0.9166250857211580	0.7081186366860024	0.4268599722581428	T	T	T
0.0820421848443615	0.0189927029976076	0.4421042129072745	T	T	T
0.0861194010972852	0.5198082704108344	0.4416611978591476	T	T	T
0.4148169606987366	0.0183413633482061	0.4419710595161064	T	T	T
0.4171960934828647	0.5213143403811600	0.4419453964737272	T	T	T
0.7480684894288672	0.0189091336190543	0.4421647984506762	T	T	T
0.7499440044343757	0.5187336801139537	0.4415901026417615	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
0.7500000000000000	0.3437488080000008	0.4914442899999969	F	F	F
0.7500000000000000	0.8437487779999984	0.4914442899999969	F	F	F
0.2500000000000000	0.1562512220000016	0.5085557100000031	F	F	F
0.2500000000000000	0.6562511919999992	0.5085557100000031	F	F	F
0.5833333129999971	0.1562512220000016	0.5085557100000031	F	F	F
0.5833333129999971	0.6562511919999992	0.5085557100000031	F	F	F
0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2500559955656243	0.4812663198860463	0.5584098973582385	T	T	T
0.2519315105711328	0.9810908663809457	0.5578352015493238	T	T	T
0.5828039065171353	0.4786856596188400	0.5580546035262728	T	T	T
0.5851830393012634	0.9816586366517939	0.5580289404838936	T	T	T
0.9138805989027148	0.4801917295891656	0.5583388021408524	T	T	T
0.9179578151556385	0.9810072970023924	0.5578957870927255	T	T	T
0.0833749142788420	0.2918813633139976	0.5731400277418572	T	T	T
0.0843264309166827	0.7926851190380901	0.5731801808044779	T	T	T
0.4148385533433938	0.2896659663661296	0.5728626669545207	T	T	T
0.4175212480918020	0.7950365177818597	0.5738963881955215	T	T	T
0.7495745737757957	0.2887036470536515	0.5726119843523350	T	T	T
0.7491410755050083	0.7943793366238623	0.5741334886148906	T	T	T
0.0894363337439827	0.1175839795277724	0.6241414188417949	T	T	T
0.0717441314490515	0.6150681414650734	0.6246770577178964	T	T	T

0.4158025040690703	0.1182180714820475	0.6236518761036010	T	T	T
0.9187745385930199	0.9057038585268558	0.6384960418300665	T	T	T
0.7527995257712021	0.1183261629972279	0.6237642878002205	T	T	T
0.5855739961062625	0.9090387914281379	0.6387657571471266	T	T	T
0.9150864358032464	0.3978689435186240	0.6384490771549380	T	T	T
0.2525664958889706	0.9057611778347407	0.6384856607551654	T	T	T
0.4362466673376986	0.6079655639435586	0.6231776337887425	T	T	T
0.7343221297419689	0.6059665130213503	0.6251785875186116	T	T	T
0.2487171083065078	0.4070786380439415	0.6394884754299071	T	T	T
0.5815520360119351	0.3923694344444897	0.6385728706700817	T	T	T
0.6936972165577231	0.6135796515205172	0.6683636827043102	T	T	T
0.4675880141626010	0.6186299499718260	0.6662278369976775	T	T	T

6"

1.0000000000000000					
8.5086002349999994	0.0000000000000000	0.0000000000000000			
0.0000000000000000	10.8548107146999993	0.0000000000000000			
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Co H O

24 44 64

Selective dynamics

Direct

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0.5844076992690809	0.0494461697008045	0.4002547374704195	T	T	T
0.2510275130581028	0.0504056212093159	0.4005371164540381	T	T	T
0.9177475916863795	0.0500525605956482	0.4005906313198090	T	T	T
0.9208422874808061	0.5489874850708362	0.4009419493100276	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0791577125191939	0.4510125149291643	0.5990580506899728	T	T	T
0.0822524083136202	0.9499474394043517	0.5994093686801907	T	T	T
0.7489724869418969	0.9495943787906842	0.5994628835459620	T	T	T
0.4155923007309191	0.9505538302991946	0.5997452625295809	T	T	T
0.7509956116794367	0.4493980039242584	0.5989002831409004	T	T	T
0.4160756765004104	0.4510508775955779	0.6000658875011468	T	T	T
0.3619367469742013	0.3752685512456292	0.3648655926623934	T	T	T
0.6566446345917843	0.3713745180840705	0.3549576130985725	T	T	T
0.7536960265254705	0.0486658832111294	0.3343341873587754	T	T	T
0.0868219677688995	0.5491489993094351	0.3350791121091519	T	T	T
0.0352847190808190	0.3725007786651454	0.3646542399803282	T	T	T
0.0206378195009428	0.8712575096752727	0.3610185992821208	T	T	T
0.4190192763821393	0.0495248046837419	0.3342689515840703	T	T	T
0.3532287835193652	0.8728130935771352	0.3609666187826711	T	T	T
0.0864259326980026	0.0496474859323767	0.3345854460889219	T	T	T
0.6863444768901505	0.8727665760709680	0.3608839040014660	T	T	T
0.2479884821750637	0.3055950497148132	0.4008609828324409	T	T	T
0.2475944861613718	0.8078507649536655	0.3997473664937582	T	T	T
0.5812162422207611	0.2935059042742527	0.4031242459329787	T	T	T
0.5824159833531670	0.8063033773792505	0.4003126345708842	T	T	T
0.9164351246913610	0.3073599695170228	0.3996813910384643	T	T	T
0.9156339174567316	0.8071461383043426	0.3997116867395168	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F

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 0.5833333129999971 0.5682699079999978 0.5326443909999981 F F F
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 0.9166666870000029 0.5682699079999978 0.5326443909999981 F F F
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 0.6380632530257990 0.6247314487543713 0.6351344073376065 T T T
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 0.5728720314210826 0.3842096692331379 0.3767388905914424 T T T
 0.7508966325946201 0.0982434576039567 0.3615097127029280 T T T
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 0.4177243284386361 0.0987558506392703 0.3615342180572363 T T T
 0.2508556044559158 0.8841861051258588 0.3755892804759495 T T T
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 0.0833333129999971 0.8437487779999984 0.4914442899999969 F F F
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 0.5833333129999971 0.1562512220000016 0.5085557100000031 F F F
 0.5833333129999971 0.6562511919999992 0.5085557100000031 F F F

0.9166666870000029	0.1562512220000016	0.5085557100000031	F	F	F
0.9166666870000029	0.6562511919999992	0.5085557100000031	F	F	F
0.2491636762855651	0.4809355898438034	0.5583742781945392	T	T	T
0.2495425514598588	0.9805102333613006	0.5580286370624984	T	T	T
0.5827164242430320	0.4799502531854977	0.5581975232816239	T	T	T
0.5823349135014915	0.9803472849741179	0.5580433420726059	T	T	T
0.9155588590823774	0.4803467823357018	0.5576204210333400	T	T	T
0.9157896339956541	0.9803831600073925	0.5579810447270664	T	T	T
0.0838132292677404	0.2920077807738491	0.5733025255268679	T	T	T
0.0841555334926629	0.7917926334645977	0.5731491907234582	T	T	T
0.4165058098803717	0.2917793693559877	0.5737338559019280	T	T	T
0.4167283394359543	0.7913688961257977	0.5735883253709195	T	T	T
0.7505244455514889	0.2908965066254267	0.5731799941287850	T	T	T
0.7503594279945016	0.7911142442365101	0.5732163270044957	T	T	T
0.0818010227615268	0.1166753331725506	0.6244336978430448	T	T	T
0.0722793830748844	0.6157603111834462	0.6238560035956494	T	T	T
0.4156342843358904	0.1163180947825463	0.6242132410456511	T	T	T
0.9157396850301108	0.9006973081947001	0.6382579866804100	T	T	T
0.7491443955440843	0.1158138948741410	0.6244107195240500	T	T	T
0.5822756715613643	0.9012441493607303	0.6384657819427634	T	T	T
0.9153777741806761	0.4002962777853903	0.6379305297517731	T	T	T
0.2491033674053794	0.9017565423960435	0.6384902872970724	T	T	T
0.4271279685789181	0.6157903307668631	0.6232611094085575	T	T	T
0.7467760759458318	0.6152952856081310	0.6234417253017486	T	T	T
0.2457986247409758	0.4120934921838278	0.6376014720500693	T	T	T
0.5860919522649047	0.4068196946620743	0.6373582780985342	T	T	T
0.2388845738466192	0.4313685860751653	0.6808346039540653	T	T	T
0.5946933665839492	0.4233397072925076	0.6807237558875866	T	T	T

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1.0000000000000000		
8.5086002349999994	0.0000000000000000	0.0000000000000000
0.0000000000000000	10.8548107146999993	0.0000000000000000
0.0000000000000000	0.0000000000000000	30.0000000000000000

Co H O

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Selective dynamics

Direct

0.5815355187124261	0.5489937303758109	0.4004099949226755	T	T	T
0.2449353495984261	0.5498379793247892	0.4006437046062323	T	T	T
0.5850074390020154	0.0506867306270406	0.4005972710165065	T	T	T
0.2516242947021946	0.0503277022248873	0.4005796907679186	T	T	T
0.9182070854703926	0.0491439390994299	0.4002668255724705	T	T	T
0.9171892468271018	0.5497733934437374	0.4006366651448522	T	T	T
0.0833333129999971	0.1817300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.6817300319999973	0.4673556090000019	F	F	F
0.4166666870000029	0.1817300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.6817300319999973	0.4673556090000019	F	F	F
0.7500000000000000	0.1817300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.6817300319999973	0.4673556090000019	F	F	F
0.2500000000000000	0.3182699680000027	0.5326443909999981	F	F	F
0.2500000000000000	0.8182699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.3182699680000027	0.5326443909999981	F	F	F
0.5833333129999971	0.8182699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.3182699680000027	0.5326443909999981	F	F	F
0.9166666870000029	0.8182699079999978	0.5326443909999981	F	F	F
0.0828107531728981	0.4502266065562626	0.5993633348551478	T	T	T
0.0817929145296074	0.9508560609005703	0.5997331744275297	T	T	T
0.4184644812875740	0.4510062696241890	0.5995900050773243	T	T	T
0.4149925609979846	0.9493132693729592	0.5994027289834936	T	T	T
0.7550646504015739	0.4501620206752109	0.5993562953937678	T	T	T
0.7483757052978054	0.9496722977751199	0.5994203092320813	T	T	T
0.4784566657220272	0.3720008058854288	0.3606391951954268	T	T	T

0.8332643309254519	0.3723036886511299	0.3575721946032119	T	T	T
0.7530218701924811	0.0501835450573487	0.3341890426372467	T	T	T
0.0789615020569210	0.5492379238750779	0.3349389407513325	T	T	T
0.1263141749597777	0.3738283551454807	0.3668489159773290	T	T	T
0.0204841839507061	0.8712252776187854	0.3617186625798416	T	T	T
0.4208869367761128	0.0493631734772098	0.3346031979785901	T	T	T
0.3471876818384031	0.8701038101522756	0.3595009317095830	T	T	T
0.0876031206214394	0.0483286593147905	0.3344617605479876	T	T	T
0.6924139639442657	0.8742165916694604	0.3622097252698023	T	T	T
0.2504936856510693	0.3076527042606880	0.3998795007132077	T	T	T
0.2464529910816462	0.8073662112159693	0.3997256285429294	T	T	T
0.5838020622785841	0.3050901939646584	0.4000035447632924	T	T	T
0.5813359664092643	0.8097366564484837	0.3990825315802201	T	T	T
0.9185147349306726	0.2921625445327917	0.4038317451863854	T	T	T
0.9149433316532385	0.8048053261324627	0.4008319344972915	T	T	T
0.0833333129999971	0.4317300920000022	0.4673556090000019	F	F	F
0.0833333129999971	0.9317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.4317300920000022	0.4673556090000019	F	F	F
0.4166666870000029	0.9317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.4317300920000022	0.4673556090000019	F	F	F
0.7500000000000000	0.9317300920000022	0.4673556090000019	F	F	F
0.2500000000000000	0.0682699079999978	0.5326443909999981	F	F	F
0.2500000000000000	0.5682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.0682699079999978	0.5326443909999981	F	F	F
0.5833333129999971	0.5682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.0682699079999978	0.5326443909999981	F	F	F
0.9166666870000029	0.5682699079999978	0.5326443909999981	F	F	F
0.0850566683467615	0.1951946738675373	0.5991680655027084	T	T	T
0.0814852650693274	0.7078374554672082	0.5961682548136146	T	T	T
0.4186640335907357	0.1902633435515163	0.6009174684197870	T	T	T
0.4161979377214160	0.6949098060353416	0.5999964552367076	T	T	T
0.7535470089183538	0.1926337887840307	0.6002743714570705	T	T	T
0.7495063143489308	0.6923472957393119	0.6001204992867923	T	T	T
0.3075860360557341	0.1257834083305396	0.6377902747301977	T	T	T
0.9123968793785606	0.9516713406852094	0.6655382394520124	T	T	T
0.6528123181615969	0.1298961898477245	0.6404990682904169	T	T	T
0.5791130632238872	0.9506368265227902	0.6653968020214099	T	T	T
0.9795158160492939	0.1287747223812146	0.6382813374201584	T	T	T
0.8736858250402151	0.6261716448545193	0.6331510840226710	T	T	T
0.9210384979430789	0.4507620761249223	0.6650610592486675	T	T	T
0.2469781298075260	0.9498164549426514	0.6658109573627533	T	T	T
0.1667356690745481	0.6276963113488702	0.6424278053967881	T	T	T
0.5215433342779727	0.6279991941145712	0.6393608048045732	T	T	T
0.7526293309986123	0.5644761893510396	0.3193965469655773	T	T	T
0.4159305371747138	0.6717405217589058	0.3310643628477875	T	T	T
0.4134930129728247	0.5872940770894037	0.3623624277270940	T	T	T
0.7503884305639498	0.5885974023992102	0.3624021855977047	T	T	T
0.2385653515498223	0.3841878539701036	0.3760350939752410	T	T	T
0.5795824228003262	0.3833597269770828	0.3759108051556482	T	T	T
0.7519280216266793	0.0988842384735223	0.3615831403317609	T	T	T
0.0809097764732647	0.6003242612527693	0.3618091016314833	T	T	T
0.4183781884459368	0.0991757272707132	0.3617236180069422	T	T	T
0.2484670567846081	0.8842569275639031	0.3757143762351042	T	T	T
0.0846858656232009	0.0982627504524478	0.3615546515946528	T	T	T
0.5871155122855417	0.8850921298689827	0.3754157931183906	T	T	T
0.9243494092032476	0.3850050349482926	0.3770030022081396	T	T	T
0.9173035231978105	0.8831902607665076	0.3760437237465336	T	T	T
0.2507512754136392	0.2084264821154116	0.4268575167805724	T	T	T
0.2494456496654250	0.7084144461822640	0.4265493738326864	T	T	T
0.5839982794845586	0.2087553873419409	0.4268217186365343	T	T	T
0.5827559473785394	0.7075733292765083	0.4262828237890648	T	T	T
0.9169929654200935	0.2084179333414323	0.4264908036066065	T	T	T
0.9157795174307001	0.7087988203706813	0.4266835331181625	T	T	T

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0.0819562112118087	0.5200528627041249	0.4422607933112026	T	T	T
0.4180277955891994	0.0196150446248353	0.4419869967076991	T	T	T
0.4144618062969897	0.5193027276753202	0.4416468905123442	T	T	T
0.7514286575289325	0.0197073970254580	0.4419652792463920	T	T	T
0.7491207871214487	0.5195023827966269	0.4417895233801185	T	T	T
0.0833333129999971	0.3437488080000008	0.4914442899999969	F	F	F
0.0833333129999971	0.8437487779999984	0.4914442899999969	F	F	F
0.4166666870000029	0.3437488080000008	0.4914442899999969	F	F	F
0.4166666870000029	0.8437487779999984	0.4914442899999969	F	F	F
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0.2508792128785512	0.4804976172033731	0.5582104766198815	T	T	T
0.2485713424710675	0.9802926029745420	0.5580347207536080	T	T	T
0.5855381937030103	0.4806972723246798	0.5583531094876557	T	T	T
0.5819722044108007	0.9803849553751648	0.5580130032923009	T	T	T
0.9180437887881913	0.4799471372958751	0.5577392066887974	T	T	T
0.9157531790064570	0.9803493695696290	0.5580437444214449	T	T	T
0.0842204825692999	0.2912011796293187	0.5733164668818377	T	T	T
0.0830070345799066	0.7915820666585677	0.5735091963933935	T	T	T
0.4172440526214606	0.2924266707234917	0.5737171762109352	T	T	T
0.4160017205154415	0.7912446126580592	0.5731782813634657	T	T	T
0.7505543503345750	0.2915855538177359	0.5734506261673137	T	T	T
0.7492487245863607	0.7915735178845883	0.5731424832194274	T	T	T
0.0826964768021896	0.1168097392334995	0.6239562762534663	T	T	T
0.0756505907967523	0.6149949650517076	0.6229969977918602	T	T	T
0.4128844877144583	0.1149078701310174	0.6245842068816093	T	T	T
0.9153141343767991	0.9017372495475450	0.6384453484053472	T	T	T
0.7515329432153918	0.1157430724360969	0.6242856237648957	T	T	T
0.5816218115540631	0.9008242727292868	0.6382763819930579	T	T	T
0.9190902235267352	0.3996757387472307	0.6381908983685096	T	T	T
0.2480719783733135	0.9011157615264777	0.6384168596682391	T	T	T
0.4204175771996737	0.6166402730229172	0.6240891948443518	T	T	T
0.7614346484501778	0.6158121460298963	0.6239649060247590	T	T	T
0.2496115694360503	0.4114025976007899	0.6375978144022952	T	T	T
0.5865069870271753	0.4127059229105962	0.6376375722729060	T	T	T
0.5840694628252862	0.3282594782410944	0.6689356371522126	T	T	T
0.2473706690013877	0.4355238106489605	0.6806034530344225	T	T	T