

			MODEL 1				MODEL 2				
entry	cnt	ASSAY	log( $\varepsilon_{ij}$ )	log( $\varepsilon_{ij}$ )	log( $\varepsilon_{ij}$ )		[-log( $\varepsilon_{ij}$ )]	[-log( $\varepsilon_{ij}$ )]	[-log( $\varepsilon_{ij}$ )]		
			observed	pred	res		observed	pred	res		
1	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
2	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
3	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
4	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
5	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
6	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0015	0.472677	0.451413	0.021264			
7	cnt01	Ca2+/DMSO	-0.4727	-0.4742	0.0015	0.472677	0.451413	0.021264			
8	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0013	0.472677	0.451413	0.021264			
9	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0013	0.472677	0.451413	0.021264			
10	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0013	0.472677	0.451413	0.021264			
11	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0013	0.472677	0.451413	0.021264			
12	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0013	0.472677	0.451413	0.021264			
13	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0013	0.472677	0.451413	0.021264			
14	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0014	0.472677	0.451413	0.021264			
15	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0014	0.472677	0.451413	0.021264			
16	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
17	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
18	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
19	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
20	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0014	0.472677	0.451413	0.021264			
21	cnt01	Ca2+/DMSO	-0.4727	-0.4741	0.0015	0.472677	0.451413	0.021264			
22	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
23	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
24	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
25	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
26	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0013	0.472677	0.451523	0.021154			
27	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0013	0.472677	0.451523	0.021154			
28	cnt01	Ca2+/DMSO	-0.4727	-0.4740	0.0013	0.472677	0.451523	0.021154			
29	cnt01	Ca2+/DMSO	-0.4727	-0.4738	0.0011	0.472677	0.451523	0.021154			
30	cnt01	Ca2+/DMSO	-0.4727	-0.4738	0.0011	0.472677	0.451523	0.021154			
31	cnt01	Ca2+/DMSO	-0.4727	-0.4738	0.0011	0.472677	0.451523	0.021154			
32	cnt01	Ca2+/DMSO	-0.4727	-0.4738	0.0011	0.472677	0.451523	0.021154			
33	cnt01	Ca2+/DMSO	-0.4727	-0.4738	0.0011	0.472677	0.451523	0.021154			
34	cnt01	Ca2+/DMSO	-0.4727	-0.4738	0.0011	0.472677	0.451523	0.021154			
35	cnt01	Ca2+/DMSO	-0.4727	-0.4738	0.0012	0.472677	0.451523	0.021154			
36	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
37	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
38	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
39	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
40	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0012	0.472677	0.451523	0.021154			
41	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0013	0.472677	0.451523	0.021154			
42	cnt01	Ca2+/DMSO	-0.4727	-0.4739	0.0013	0.472677	0.451523	0.021154			
43	cnt01	Ca2+/DMSO	-0.4727	-0.4731	0.0004	0.472677	0.451699	0.020978			
44	cnt01	Ca2+/DMSO	-0.4727	-0.4731	0.0004	0.472677	0.451699	0.020978			
45	cnt01	Ca2+/DMSO	-0.4727	-0.4731	0.0005	0.472677	0.451699	0.020978			





















































































2062	cnt00	Fe2+/KCN/H2O	-0.4221	-0.4230	0.0010	0.422060	0.420735	0.001324
2063	cnt02	Fe2+/VitC/DMSO	-0.4590	-0.4594	0.0004	0.458956	0.438057	0.020899
2064	cnt02	Fe2+/VitC/DMSO	-0.4590	-0.4594	0.0004	0.458956	0.438057	0.020899
2065	cnt02	Fe2+/VitC/DMSO	-0.4590	-0.4594	0.0004	0.458956	0.438057	0.020899
2066	cnt02	Fe2+/VitC/DMSO	-0.4590	-0.4594	0.0005	0.458956	0.438057	0.020899
2067	cnt02	Fe2+/VitC/DMSO	-0.4590	-0.4594	0.0005	0.458956	0.438057	0.020899
2068	cnt02	Fe2+/VitC/DMSO	-0.4590	-0.4594	0.0005	0.458956	0.438057	0.020899
2069	cnt02	Fe2+/VitC/DMSO	-0.4590	-0.4595	0.0005	0.458956	0.438057	0.020899
2070	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0026	0.405450	0.402453	0.002996
2071	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0026	0.405450	0.402453	0.002996
2072	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0025	0.405450	0.402453	0.002996
2073	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0025	0.405450	0.402453	0.002996
2074	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4030	-0.0025	0.405450	0.402453	0.002996
2075	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4028	-0.0026	0.405450	0.402453	0.002996
2076	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4028	-0.0027	0.405450	0.402453	0.002996
2077	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4028	-0.0027	0.405450	0.402453	0.002996
2078	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4028	-0.0026	0.405450	0.402453	0.002996
2079	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4028	-0.0026	0.405450	0.402453	0.002996
2080	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0026	0.405450	0.402453	0.002996
2081	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0026	0.405450	0.402453	0.002996
2082	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0025	0.405450	0.402453	0.002996
2083	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0025	0.405450	0.402453	0.002996
2084	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4030	-0.0025	0.405450	0.402453	0.002996
2085	cnt03	Fe2+/DMSO	-0.4340	-0.4344	0.0004	0.433964	0.415167	0.018797
2086	cnt03	Fe2+/DMSO	-0.4340	-0.4344	0.0004	0.433964	0.415167	0.018797
2087	cnt03	Fe2+/DMSO	-0.4340	-0.4344	0.0004	0.433964	0.415167	0.018797
2088	cnt03	Fe2+/DMSO	-0.4340	-0.4344	0.0005	0.433964	0.415167	0.018797
2089	cnt03	Fe2+/DMSO	-0.4340	-0.4344	0.0005	0.433964	0.415167	0.018797
2090	cnt03	Fe2+/DMSO	-0.4340	-0.4344	0.0005	0.433964	0.415167	0.018797
2091	cnt03	Fe2+/DMSO	-0.4340	-0.4345	0.0005	0.433964	0.415167	0.018797
2092	cnt03	Fe2+/DMSO	-0.4340	-0.4342	0.0002	0.433964	0.415287	0.018677
2093	cnt03	Fe2+/DMSO	-0.4340	-0.4342	0.0002	0.433964	0.415287	0.018677
2094	cnt03	Fe2+/DMSO	-0.4340	-0.4342	0.0002	0.433964	0.415287	0.018677
2095	cnt03	Fe2+/DMSO	-0.4340	-0.4342	0.0003	0.433964	0.415287	0.018677
2096	cnt03	Fe2+/DMSO	-0.4340	-0.4342	0.0003	0.433964	0.415287	0.018677
2097	cnt03	Fe2+/DMSO	-0.4340	-0.4343	0.0003	0.433964	0.415287	0.018677
2098	cnt03	Fe2+/DMSO	-0.4340	-0.4343	0.0003	0.433964	0.415287	0.018677
2099	cnt03	Fe2+/DMSO	-0.4340	-0.4334	-0.0005	0.433964	0.415479	0.018485
2100	cnt03	Fe2+/DMSO	-0.4340	-0.4334	-0.0005	0.433964	0.415479	0.018485
2101	cnt03	Fe2+/DMSO	-0.4340	-0.4334	-0.0005	0.433964	0.415479	0.018485
2102	cnt03	Fe2+/DMSO	-0.4340	-0.4335	-0.0005	0.433964	0.415479	0.018485
2103	cnt03	Fe2+/DMSO	-0.4340	-0.4335	-0.0005	0.433964	0.415479	0.018485
2104	cnt03	Fe2+/DMSO	-0.4340	-0.4335	-0.0005	0.433964	0.415479	0.018485
2105	cnt03	Fe2+/DMSO	-0.4340	-0.4335	-0.0005	0.433964	0.415479	0.018485
2106	cnt03	Fe2+/DMSO	-0.4340	-0.4334	-0.0006	0.433964	0.415479	0.018485
2107	cnt03	Fe2+/DMSO	-0.4340	-0.4327	-0.0013	0.433964	0.415569	0.018395
2108	cnt03	Fe2+/DMSO	-0.4340	-0.4327	-0.0013	0.433964	0.415569	0.018395
2109	cnt03	Fe2+/DMSO	-0.4340	-0.4327	-0.0013	0.433964	0.415569	0.018395































2830	cnt00	Fe2+/H2O	-0.4230	-0.4229	-0.0001	0.423008	0.420735	0.002273
2831	cnt00	Fe2+/H2O	-0.4230	-0.4230	0.0000	0.423008	0.420735	0.002273
2832	cnt00	Fe2+/H2O	-0.4230	-0.4230	0.0000	0.423008	0.420735	0.002273
2833	cnt00	Fe2+/KCN/H2O	-0.4221	-0.4230	0.0009	0.422060	0.420735	0.001324
2834	cnt00	Fe2+/KCN/H2O	-0.4221	-0.4230	0.0010	0.422060	0.420735	0.001324
2835	cnt00	Fe2+/KCN/H2O	-0.4221	-0.4229	0.0008	0.422060	0.420735	0.001324
2836	cnt00	Fe2+/KCN/H2O	-0.4221	-0.4229	0.0008	0.422060	0.420735	0.001324
2837	cnt00	Fe2+/KCN/H2O	-0.4221	-0.4230	0.0009	0.422060	0.420735	0.001324
2838	cnt00	Fe2+/KCN/H2O	-0.4221	-0.4230	0.0009	0.422060	0.420735	0.001324
2839	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0025	0.405450	0.402453	0.002996
2840	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4030	-0.0025	0.405450	0.402453	0.002996
2841	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4028	-0.0026	0.405450	0.402453	0.002996
2842	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4028	-0.0026	0.405450	0.402453	0.002996
2843	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0025	0.405450	0.402453	0.002996
2844	cnt00	Fe2+/EGTA/H2O	-0.4054	-0.4029	-0.0025	0.405450	0.402453	0.002996
2845	cnt01	H2O2/H2O	-0.4221	-0.4191	-0.0030	0.422125	0.403612	0.018514
2846	cnt01	H2O2/H2O	-0.4221	-0.4192	-0.0030	0.422125	0.403612	0.018514
2847	cnt01	H2O2/H2O	-0.4221	-0.4192	-0.0030	0.422125	0.403612	0.018514
2848	cnt01	H2O2/H2O	-0.4221	-0.4192	-0.0029	0.422125	0.403612	0.018514
2849	cnt01	H2O2/H2O	-0.4221	-0.4192	-0.0029	0.422125	0.403612	0.018514
2850	cnt01	H2O2/H2O	-0.4221	-0.4192	-0.0029	0.422125	0.403612	0.018514
2851	cnt01	H2O2/H2O	-0.4221	-0.4192	-0.0029	0.422125	0.403612	0.018514
2852	cnt01	H2O2/H2O	-0.4221	-0.4184	-0.0038	0.422125	0.403809	0.018317
2853	cnt01	H2O2/H2O	-0.4221	-0.4184	-0.0037	0.422125	0.403809	0.018317
2854	cnt01	H2O2/H2O	-0.4221	-0.4184	-0.0037	0.422125	0.403809	0.018317
2855	cnt01	H2O2/H2O	-0.4221	-0.4184	-0.0037	0.422125	0.403809	0.018317
2856	cnt01	H2O2/H2O	-0.4221	-0.4184	-0.0037	0.422125	0.403809	0.018317
2857	cnt01	H2O2/H2O	-0.4221	-0.4184	-0.0037	0.422125	0.403809	0.018317
2858	cnt01	H2O2/H2O	-0.4221	-0.4185	-0.0037	0.422125	0.403809	0.018317
2859	cnt01	H2O2/H2O	-0.4221	-0.4176	-0.0045	0.422125	0.403901	0.018225
2860	cnt01	H2O2/H2O	-0.4221	-0.4176	-0.0045	0.422125	0.403901	0.018225
2861	cnt01	H2O2/H2O	-0.4221	-0.4176	-0.0045	0.422125	0.403901	0.018225
2862	cnt01	H2O2/H2O	-0.4221	-0.4177	-0.0045	0.422125	0.403901	0.018225
2863	cnt01	H2O2/H2O	-0.4221	-0.4177	-0.0045	0.422125	0.403901	0.018225
2864	cnt01	H2O2/H2O	-0.4221	-0.4177	-0.0044	0.422125	0.403901	0.018225
2865	cnt01	H2O2/H2O	-0.4221	-0.4177	-0.0044	0.422125	0.403901	0.018225
2866	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0051	0.466030	0.464612	0.001418
2867	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0051	0.466030	0.464612	0.001418
2868	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0051	0.466030	0.464612	0.001418
2869	cnt00	H2O2/H2O	-0.4660	-0.4712	0.0051	0.466030	0.464612	0.001418
2870	cnt00	H2O2/H2O	-0.4660	-0.4712	0.0051	0.466030	0.464612	0.001418
2871	cnt00	H2O2/H2O	-0.4660	-0.4712	0.0052	0.466030	0.464612	0.001418
2872	cnt00	H2O2/H2O	-0.4660	-0.4712	0.0052	0.466030	0.464612	0.001418
2873	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0050	0.466030	0.464612	0.001418
2874	cnt00	H2O2/H2O	-0.4660	-0.4710	0.0050	0.466030	0.464612	0.001418
2875	cnt00	H2O2/H2O	-0.4660	-0.4710	0.0050	0.466030	0.464612	0.001418
2876	cnt00	H2O2/H2O	-0.4660	-0.4710	0.0050	0.466030	0.464612	0.001418
2877	cnt00	H2O2/H2O	-0.4660	-0.4710	0.0050	0.466030	0.464612	0.001418

2878	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0050	0.466030	0.464612	0.001418
2879	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0050	0.466030	0.464612	0.001418
2880	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0051	0.466030	0.464612	0.001418
2881	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0051	0.466030	0.464612	0.001418
2882	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0051	0.466030	0.464612	0.001418
2883	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0051	0.466030	0.464612	0.001418
2884	cnt00	H2O2/H2O	-0.4660	-0.4711	0.0051	0.466030	0.464612	0.001418
2885	cnt00	H2O2/H2O	-0.4660	-0.4712	0.0051	0.466030	0.464612	0.001418
2886	cnt00	H2O2/H2O	-0.4660	-0.4712	0.0051	0.466030	0.464612	0.001418
2887	cnt00	H2O2/Q/H2O	-0.4360	-0.4390	0.0030	0.436004	0.435361	0.000643
2888	cnt00	H2O2/Q/H2O	-0.4360	-0.4390	0.0030	0.436004	0.435361	0.000643
2889	cnt00	H2O2/Q/H2O	-0.4360	-0.4390	0.0030	0.436004	0.435361	0.000643
2890	cnt00	H2O2/Q/H2O	-0.4360	-0.4390	0.0030	0.436004	0.435361	0.000643
2891	cnt00	H2O2/Q/H2O	-0.4360	-0.4391	0.0031	0.436004	0.435361	0.000643
2892	cnt00	H2O2/Q/H2O	-0.4360	-0.4391	0.0031	0.436004	0.435361	0.000643
2893	cnt00	H2O2/Q/H2O	-0.4360	-0.4391	0.0031	0.436004	0.435361	0.000643
2894	cnt00	H2O2/CsA/H2O	-0.3936	-0.3882	-0.0054	0.393606	0.389047	0.004560
2895	cnt00	H2O2/CsA/H2O	-0.3936	-0.3882	-0.0054	0.393606	0.389047	0.004560
2896	cnt00	H2O2/CsA/H2O	-0.3936	-0.3882	-0.0054	0.393606	0.389047	0.004560
2897	cnt00	H2O2/CsA/H2O	-0.3936	-0.3882	-0.0054	0.393606	0.389047	0.004560
2898	cnt00	H2O2/CsA/H2O	-0.3936	-0.3882	-0.0054	0.393606	0.389047	0.004560
2899	cnt00	H2O2/CsA/H2O	-0.3936	-0.3882	-0.0054	0.393606	0.389047	0.004560
2900	cnt00	H2O2/CsA/H2O	-0.3936	-0.3883	-0.0053	0.393606	0.389047	0.004560
2901	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0029	0.540392	0.530427	0.009965
2902	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2903	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2904	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2905	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2906	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2907	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2908	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0029	0.540392	0.530427	0.009965
2909	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5432	0.0028	0.540392	0.530427	0.009965
2910	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5432	0.0028	0.540392	0.530427	0.009965
2911	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0029	0.540392	0.530427	0.009965
2912	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0029	0.540392	0.530427	0.009965
2913	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0029	0.540392	0.530427	0.009965
2914	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0029	0.540392	0.530427	0.009965
2915	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0029	0.540392	0.530427	0.009965
2916	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0029	0.540392	0.530427	0.009965
2917	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5433	0.0030	0.540392	0.530427	0.009965
2918	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2919	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2920	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2921	cnt00	H2O2/Ca2+/H2O	-0.5404	-0.5434	0.0030	0.540392	0.530427	0.009965
2922	cnt00	H2O2/Fe2+/VitC/H2O	-0.6172	-0.6062	-0.0110	0.617211	0.587711	0.029500
2923	cnt00	H2O2/Fe2+/VitC/H2O	-0.6172	-0.6062	-0.0110	0.617211	0.587711	0.029500
2924	cnt00	H2O2/Fe2+/VitC/H2O	-0.6172	-0.6062	-0.0110	0.617211	0.587711	0.029500
2925	cnt00	H2O2/Fe2+/VitC/H2O	-0.6172	-0.6063	-0.0110	0.617211	0.587711	0.029500



































































































































