Supplemental material

Table A1: Comparison of different model selection criteria (MSC) typically used to compare the models based on their complexity, goodness of fit, overfitting providing a criteria to choose the most "true" solution.

Table A2: Main fitting statistics and model ranking (Rk) obtained for each MSC for the effects of five agents (EL, VP-16, CCDP, ME and WE) for the HeLa tumor cell lines as illustrative example case. The results obtained for each MSC are presented along with individual rankings (Rk) which is presented in brackets. Finally, the global ranking based on the ranking sum of each MSC (∑Rk) for each agent is presented.

Table A3: Main fitting statistics and model ranking (Rk) obtained for each MSC for the effects of five agents (EL, VP-16, CCDP, ME and WE) for the MCF-7 tumor cell lines as illustrative example case. The results obtained for each MSC are presented along with individual rankings (Rk) which is presented in brackets. Finally, the global ranking based on the ranking sum of each MSC (∑Rk) for each agent is presented.

Table A4: Main fitting statistics and model ranking (Rk) obtained for each MSC for the effects of five agents (EL, VP-16, CCDP, ME and WE) for the HepG2 tumor cell lines as illustrative example case. The results obtained for each MSC are presented along with individual rankings (Rk) which are presented in brackets. Finally, the global ranking based on the ranking sum of each MSC (∑Rk) for each agent is presented.

Table A5: Global ranking (∑Rk) based on the ranking sum of each MSC for four tumor cell lines (NCI-H460, HeLa, MCF-7 and HepG2) by the SRB colorimetric assay for screening the effects of three commercial agents (EL, VP-16 and CCDP, as single compound) and two natural extracts (ME and WE as mixture of compounds). These parametric ranking values were used to order the nine models selected from the bibliography (Eqs (2) to (10)) from the most to the least efficient one for each tumor cell line and finally for all them.

Table A6: Shows the results of **Table 3** (parametric estimations, confidence intervals and statistic information) in a comparative mode in µg/mL for all compounds.

Supplemental figures

Table A1: Comparison of different model selection criteria (MSC) typically used to compare the models based on their complexity, goodness of fit, overfitting providing a criteria to choose the most "true" solution.

Criterion	Ranking	Claim	Formula	Additional information	References
Akaike Information Criterion (AIC)	Smaller value	complexity (efficient)	$AIC = n\ln\left(\frac{RSS}{n}\right) + 2k$	It favors models with many variables.	[1,2]
Akaike Information Criterion Corrected (AICc)	Smaller value	complexity (efficient)	$AIC_C = n\ln\left(\frac{RSS}{n}\right) + \left(\frac{2(k+1)}{n-k-2}\right)$	It favors models with many variables, but penalizes the complexity of the models in larger way than the AIC.	[1,2]
The Schwartz or Bayesan Information Criterion (BIC or SIC)	Smaller value	complexity (consistent)	$BIC = n\ln(RSS) + \ln(n)k$	The BIC is Bayesian because it is designed as an index of the evidence in favor of a given model being "true".	[3,4]
Akaike's Final Prediction Error (FPE)	Smaller value	goodness of fit	$FPE = n\frac{RSS(n+k)}{(n-k)}$		[2]
Mallows' criteria (Cp)	Smaller value	goodness of fit / overfitting	$C_P = n\left[RSS/(ESS/n-1)\right] - n + 2k$		[2]
Adjusted Coefficient of determination (R^2_{adj})	Highest value	goodness of fit / complexity	$R^2_{adj} = \frac{(n-1)R^2 - k}{n-1-k}$	The proposed adjusted coefficients correct the overestimation problem of the unadjusted coefficients.	[3,4]
Residual Information Criterion (RIC)	Smaller value	goodness of fit / overfitting	$RIC = (n-k)\ln(RSS) + k\left[\ln(n) - 1\right] + \frac{4}{n-k-2}$	Performs well except when the sample size is small and the signal-to-noise ratio is weak. RIC's large penalty function allows it to perform better than BIC.	[1,2]
Model Selection Criterion (MSlC)	Highest value	goodness of fit	$MSC = \ln\left(\frac{ESS}{RSS}\right) - \frac{2k}{n}$		[5]
Square Model Analysis (MA^2)	Smaller value	goodness of fit / complexity / overfitting	$MA^2 = \left(1 - \frac{n-k-I_k/10}{n-1+n(k-p)}\right) \times RSS$	The only criteria that takes into account the confident interval of the parameters assessed.	[5]

Other notations: k, number of fitted parameters; P, number of significant fitted parameters; RSS, residual sum of squares; ESS, explained sum of squares; n, number of independent measurements considered in the fit; and I_k., the average value in percentage of the confidence interval of all parameters used for the fitting procedure.

Table A2: Main fitting statistics and model ranking (Rk) obtained for each MSC for the effects of five agents (EL, VP-16, CCDP, ME and WE) for the HeLa tumor cell lines as illustrative example case. The results obtained for each MSC are presented along with individual rankings (Rk) which is presented in brackets. Finally, the global ranking based on the ranking sum of each MSC (∑Rk) for each agent is presented.

COMPOUND & MODEL		MAIN STATISTICS						MODEL SELECTION CRITERIA																		GLOBAL RANKING (∑Rk)
								AIC		AICc		BIC		FPE		R^2_{adj}		RIC		Cp		MSC		MA^2		
		k	*P*	*RSS*	R^2	*ESS*	S^2	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	
METHANOL EXTRACT (EM)	**Weibull**	3	3	7178.4	0.9359	111839.3	901.9	512.3	(3)	506.4	(3)	1124.3	(3)	941425	(3)	0.9343	(3)	1094.7	(3)	875.9	(3)	2.70	(3)	133	(3)	(3)
	Hill	3	3	6963.3	0.9377	111910.6	902.5	508.5	(1)	502.6	(1)	1120.5	(1)	913224	(1)	0.9362	(1)	1091.0	(1)	845.4	(1)	2.73	(1)	130	(2)	(1)
	Chapman	3	3	7046.3	0.9370	111655.9	900.5	510.0	(2)	504.1	(2)	1122.0	(2)	924101	(2)	0.9354	(2)	1092.5	(2)	859.2	(2)	2.71	(2)	136	(4)	(2)
	VerhulstM	3	3	7281.4	0.9350	111649.1	900.4	514.1	(4)	508.2	(4)	1126.1	(4)	954936	(4)	0.9334	(4)	1096.5	(4)	891.9	(4)	2.68	(4)	146	(5)	(4)
	GompertzM	3	2	7540.2	0.9327	111647.9	900.4	518.5	(5)	512.5	(5)	1130.5	(5)	988874	(5)	0.9310	(5)	1100.7	(5)	927.8	(5)	2.65	(5)	3879	(9)	(5)
	Verhulst	3	3	10583.5	0.9104	111971.7	903.0	560.8	(7)	554.9	(7)	1172.9	(7)	1387994	(7)	0.9081	(7)	1142.1	(7)	1346.0	(7)	2.31	(7)	198	(6)	(7)
	Gompertz	3	3	14175.5	0.8831	112315.4	905.8	597.4	(8)	591.4	(8)	1209.4	(8)	1859083	(8)	0.8802	(8)	1177.7	(8)	1837.3	(8)	2.02	(8)	255	(8)	(8)
	Michaelis	2	2	17556.8	0.8721	111880.6	902.3	622.1	(9)	618.2	(9)	1231.3	(9)	2265971	(9)	0.8701	(9)	1209.8	(9)	2311.3	(9)	1.82	(9)	221	(7)	(9)
	Bertalanffy	2	2	8764.0	0.9272	111666.2	900.5	535.3	(6)	531.3	(6)	1144.5	(6)	1131127	(6)	0.9260	(6)	1124.3	(6)	1095.5	(6)	2.51	(6)	91	(1)	(5)
WATER EXTRACT (WE)	**Weibull**	3	3	1078.8	0.9696	124432.7	1003.5	275.4	(1)	269.5	(1)	887.4	(1)	141479	(1)	0.9688	(5)	863.5	(1)	15.4	(1)	4.70	(1)	18	(1)	(1)
	Hill	3	3	3116.0	0.9749	124228.6	1001.8	408.0	(2)	402.1	(2)	1020.0	(2)	408653	(2)	0.9743	(1)	992.9	(2)	269.8	(2)	3.64	(2)	54	(2)	(2)
	Chapman	3	3	3239.0	0.9745	123889.1	999.1	412.8	(3)	406.9	(3)	1024.9	(3)	424792	(3)	0.9739	(2)	997.6	(3)	286.2	(3)	3.60	(3)	58	(3)	(3)
	VerhulstM	3	3	3411.1	0.9737	123898.3	999.2	419.3	(4)	413.4	(4)	1031.3	(4)	447355	(4)	0.9731	(3)	1004.0	(4)	307.7	(4)	3.54	(4)	60	(4)	(4)
	GompertzM	3	3	3888.1	0.9709	123939.3	999.5	435.7	(5)	429.7	(5)	1047.7	(5)	509915	(5)	0.9702	(4)	1019.9	(5)	367.3	(5)	3.41	(5)	71	(6)	(5)
	Verhulst	3	3	4832.4	0.9659	124217.6	1001.8	462.8	(6)	456.9	(6)	1074.9	(6)	633756	(6)	0.9650	(6)	1046.5	(6)	484.0	(6)	3.20	(6)	88	(7)	(6)
	Gompertz	3	3	7280.5	0.9518	124685.7	1005.5	514.1	(8)	508.1	(8)	1126.1	(8)	954815	(8)	0.9506	(7)	1096.5	(8)	786.1	(8)	2.79	(8)	126	(8)	(8)
	Michaelis	2	2	17767.4	0.8842	124520.6	1004.2	623.6	(9)	619.7	(9)	1232.8	(9)	2293146	(9)	0.8823	(9)	1211.3	(9)	2090.6	(9)	1.92	(9)	218	(9)	(9)
	Bertalanffy	2	2	6805.9	0.9511	123957.3	999.7	503.7	(7)	499.7	(7)	1112.9	(7)	878408	(7)	0.9503	(8)	1093.2	(7)	730.0	(7)	2.87	(7)	65	(5)	(7)
ELLIPTICINE (EL)	**Weibull**	3	3	5068.4	0.9474	96262.9	776.3	468.8	(3)	462.9	(3)	1080.8	(4)	664702	(3)	0.9461	(4)	1052.3	(3)	697.1	(3)	2.90	(3)	98	(4)	(3)
	Hill	3	3	5015.1	0.9479	96285.9	776.5	467.5	(1)	461.6	(1)	1079.5	(2)	657719	(1)	0.9466	(1)	1051.0	(1)	688.3	(1)	2.91	(1)	96	(3)	(1)
	Chapman	3	3	5086.3	0.9472	96103.0	775.0	469.2	(5)	463.3	(4)	1081.3	(5)	667060	(5)	0.9459	(5)	1052.7	(4)	701.4	(4)	2.89	(5)	100	(5)	(5)
	VerhulstM	3	2	5055.2	0.9475	96106.0	775.0	468.5	(2)	462.5	(2)	1080.5	(3)	662978	(2)	0.9461	(2)	1052.0	(2)	696.3	(2)	2.90	(2)	2600	(8)	(2)
	GompertzM	3	2	5160.0	0.9470	96097.8	775.0	471.0	(6)	465.1	(6)	1083.1	(6)	676718	(6)	0.9457	(6)	1054.5	(5)	713.3	(6)	2.88	(6)	93316	(9)	(6)
	Verhulst	3	3	11803.5	0.8888	96813.1	780.8	574.5	(8)	568.5	(8)	1186.5	(8)	1548003	(8)	0.8860	(8)	1155.4	(8)	1770.8	(8)	2.06	(8)	221	(6)	(8)
	Gompertz	3	3	16236.2	0.8533	97378.1	785.3	614.3	(9)	608.4	(9)	1226.4	(9)	2129336	(9)	0.8497	(9)	1194.3	(9)	2465.4	(9)	1.74	(9)	295	(7)	(9)
	Michaelis	2	2	8231.8	0.9238	96269.9	776.4	527.4	(7)	523.5	(7)	1136.6	(7)	1062438	(7)	0.9225	(7)	1116.6	(7)	1204.4	(7)	2.43	(7)	90	(2)	(7)
	Bertalanffy	2	2	5159.8	0.9470	96097.8	775.0	469.0	(4)	465.1	(5)	1078.2	(1)	665948	(4)	0.9461	(3)	1059.2	(6)	711.2	(5)	2.89	(4)	49	(1)	(4)
ETOPOSIDE (VP-16)	**Weibull**	3	3	2034.1	0.9751	81527.4	657.5	354.7	(4)	348.8	(4)	966.7	(4)	266770	(4)	0.9745	(4)	940.9	(4)	267.7	(4)	3.64	(4)	40	(3)	(4)
	Hill	3	3	1673.1	0.9795	84734.1	683.3	330.3	(1)	324.3	(1)	942.3	(1)	219425	(1)	0.9790	(1)	917.1	(1)	187.1	(1)	3.88	(1)	32	(2)	(1)
	Chapman	3	3	2156.8	0.9737	79043.7	637.4	362.0	(5)	356.1	(5)	974.0	(5)	282854	(5)	0.9730	(5)	948.0	(5)	303.9	(5)	3.55	(5)	42	(4)	(5)
	VerhulstM	3	0	1712.5	0.9790	78950.6	636.7	333.2	(2)	327.2	(2)	945.2	(3)	224585	(2)	0.9785	(2)	919.9	(2)	217.2	(2)	3.78	(2)	1345	(8)	(3)
	GompertzM	3	2	5555.2	0.9536	79044.1	637.5	480.3	(7)	474.3	(7)	1092.3	(7)	728554	(7)	0.9524	(7)	1063.5	(6)	970.3	(7)	2.61	(7)	8271	(9)	(7)
	Verhulst	3	3	14605.2	0.8436	82868.8	668.3	601.1	(8)	595.2	(8)	1213.1	(8)	1915432	(8)	0.8397	(8)	1181.4	(8)	2612.8	(8)	1.69	(8)	278	(6)	(8)
	Gompertz	3	3	19596.3	0.7900	83402.1	672.6	637.8	(9)	631.9	(9)	1249.9	(9)	2570005	(9)	0.7848	(9)	1217.3	(9)	3522.9	(9)	1.40	(9)	364	(7)	(9)
	Michaelis	2	2	1762.2	0.9787	78927.0	636.5	334.8	(3)	330.8	(3)	943.9	(2)	227438	(3)	0.9783	(3)	927.0	(3)	225.1	(3)	3.77	(3)	17	(1)	(2)
	Bertalanffy	2	2	5510.6	0.9557	79481.6	641.0	477.3	(6)	473.3	(6)	1086.5	(6)	711227	(6)	0.9550	(6)	1067.3	(7)	953.6	(6)	2.64	(6)	51	(5)	(6)
CISPLATIN (CCDP)	**Weibull**	3	3	3313.9	0.9690	105914.0	854.1	415.7	(3)	409.8	(3)	1027.7	(4)	434606	(3)	0.9682	(3)	1000.4	(3)	366.0	(3)	3.42	(3)	59	(3)	(3)
	Hill	3	3	2925.7	0.9723	105827.9	853.5	400.1	(1)	394.2	(1)	1012.1	(1)	383702	(1)	0.9716	(1)	985.2	(1)	309.5	(1)	3.54	(1)	52	(2)	(1)
	Chapman	3	3	3258.8	0.9695	105909.2	854.1	413.6	(2)	407.7	(2)	1025.6	(2)	427385	(2)	0.9688	(2)	998.4	(2)	357.9	(2)	3.43	(2)	60	(4)	(2)
	VerhulstM	3	3	3333.7	0.9687	105907.3	854.1	416.4	(4)	410.5	(4)	1028.5	(5)	437208	(4)	0.9679	(4)	1001.2	(4)	368.9	(4)	3.41	(4)	65	(5)	(4)
	GompertzM	3	2	3401.4	0.9679	105905.3	854.1	419.0	(6)	413.0	(5)	1031.0	(6)	446080	(6)	0.9671	(6)	1003.6	(5)	378.8	(5)	3.39	(6)	1797	(9)	(6)
	Verhulst	3	3	7972.9	0.9359	106734.6	860.8	525.4	(7)	519.5	(7)	1137.5	(7)	1045624	(7)	0.9343	(7)	1107.5	(7)	1038.8	(7)	2.55	(7)	147	(7)	(7)
	Gompertz	3	3	11941.3	0.9080	107402.1	866.1	575.9	(9)	570.0	(9)	1188.0	(9)	1566072	(9)	0.9057	(9)	1156.8	(9)	1604.3	(9)	2.15	(9)	212	(8)	(9)
	Michaelis	2	2	9063.3	0.9287	106159.0	856.1	539.5	(8)	535.5	(8)	1148.7	(8)	1169759	(8)	0.9275	(8)	1128.5	(8)	1202.3	(8)	2.43	(8)	100	(6)	(8)
	Bertalanffy	2	2	3430.8	0.9677	105906.4	854.1	418.0	(5)	414.1	(6)	1027.2	(3)	442791	(5)	0.9672	(5)	1009.0	(6)	381.1	(6)	3.40	(5)	31	(1)	(5)

Other notations: *k*, number of fitted parameters; *P*, number of significant fitted parameters; *RSS*, residual sum of squares; *ESS*, explained sum of squares; S^2, standard deviation.

Table A3: Main fitting statistics and model ranking (Rk) obtained for each MSC for the effects of five agents (EL, VP-16, CCDP, ME and WE) for the MCF-7 tumor cell lines as illustrative example case. The results obtained for each MSC are presented along with individual rankings (Rk) which is presented in brackets. Finally, the global ranking based on the ranking sum of each MSC (∑Rk) for each agent is presented.

COMPOUND & MODEL		MAIN STATISTICS						MODEL SELECTION CRITERIA																		GLOBAL RANKING (∑Rk)
								AIC		AICc		BIC		FPE		R^2_{adj}		RIC		Cp		MSC		MA^2		
		k	*P*	*RSS*	R^2	*ESS*	S^2	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	
METHANOL EXTRACT (EM)	**Weibull**	3	3	3271.5	0.9772	143087.2	1153.9	414.1	(2)	408.2	(2)	1026.1	(2)	429054	(2)	0.9766	(1)	998.9	(2)	235.4	(2)	3.73	(2)	3.73	(8)	(2)
	Hill	3	3	3576.8	0.9752	192286.1	1550.7	425.2	(5)	419.3	(5)	1037.3	(5)	469083	(5)	0.9746	(5)	1009.7	(5)	169.3	(1)	3.94	(1)	3.94	(9)	(5)
	Chapman	3	3	3310.4	0.9767	118476.9	955.5	415.6	(3)	409.6	(3)	1027.6	(3)	434156	(3)	0.9762	(3)	1000.3	(3)	314.1	(4)	3.53	(4)	3.53	(6)	(3)
	VerhulstM	3	3	3258.9	0.9771	118889.7	958.8	413.6	(1)	407.7	(1)	1025.6	(1)	427394	(1)	0.9766	(2)	998.4	(1)	305.9	(3)	3.55	(3)	3.55	(7)	(1)
	GompertzM	3	3	3456.6	0.9760	119402.0	962.9	421.0	(4)	415.0	(4)	1033.0	(4)	453330	(4)	0.9754	(4)	1005.6	(4)	329.7	(5)	3.49	(5)	3.49	(5)	(4)
	Verhulst	3	3	5894.7	0.9640	124774.9	1006.2	487.7	(6)	481.8	(6)	1099.7	(6)	773078	(6)	0.9631	(6)	1070.7	(6)	613.3	(6)	3.00	(6)	3.00	(4)	(6)
	Gompertz	3	3	8483.2	0.9502	126710.1	1021.9	533.2	(8)	527.3	(8)	1145.2	(8)	1112553	(8)	0.9489	(8)	1115.1	(8)	918.7	(8)	2.66	(8)	2.66	(2)	(8)
	Michaelis	2	2	13076.9	0.9173	117474.7	947.4	585.3	(9)	581.3	(9)	1194.5	(9)	1687772	(9)	0.9159	(9)	1173.6	(9)	1604.4	(9)	2.16	(9)	2.16	(1)	(9)
	Bertalanffy	2	2	6299.5	0.9588	118909.8	959.0	494.0	(7)	490.0	(7)	1103.2	(7)	813042	(7)	0.9581	(7)	1083.7	(7)	700.1	(7)	2.91	(7)	2.91	(3)	(7)
WATER EXTRACT (WE)	**Weibull**	3	3	379.3	0.9683	110710.2	892.8	144.7	(1)	138.8	(1)	756.8	(1)	49743	(1)	0.9676	(3)	736.0	(1)	-65.9	(1)	5.63	(1)	5.63	(9)	(1)
	Hill	3	3	3259.9	0.9705	145629.5	1174.4	413.6	(2)	407.7	(2)	1025.7	(2)	427531	(2)	0.9698	(1)	998.4	(2)	228.0	(2)	3.75	(2)	3.75	(8)	(2)
	Chapman	3	3	3260.5	0.9704	93208.8	751.7	413.7	(3)	407.7	(3)	1025.7	(3)	427608	(3)	0.9696	(2)	998.5	(3)	423.2	(3)	3.30	(3)	3.30	(7)	(3)
	VerhulstM	3	3	3504.5	0.9682	93554.8	754.5	422.7	(4)	416.8	(4)	1034.7	(4)	459606	(4)	0.9674	(4)	1007.3	(4)	461.6	(4)	3.24	(4)	3.24	(6)	(4)
	GompertzM	3	2	3784.2	0.9657	93734.0	755.9	432.3	(5)	426.3	(5)	1044.3	(5)	496283	(5)	0.9649	(5)	1016.6	(5)	506.8	(5)	3.16	(5)	3.16	(5)	(5)
	Verhulst	3	3	6715.8	0.9470	98675.3	795.8	504.0	(7)	498.1	(7)	1116.0	(7)	880764	(7)	0.9457	(7)	1086.6	(7)	935.9	(7)	2.64	(7)	2.64	(3)	(7)
	Gompertz	3	3	9945.4	0.9237	100262.7	808.6	553.1	(8)	547.1	(8)	1165.1	(8)	1304316	(8)	0.9218	(8)	1134.5	(8)	1418.5	(8)	2.26	(8)	2.26	(2)	(8)
	Michaelis	2	2	11318.6	0.9065	93120.8	751.0	567.2	(9)	563.3	(9)	1176.4	(9)	1460830	(9)	0.9049	(9)	1155.8	(9)	1763.0	(9)	2.08	(9)	2.08	(1)	(9)
	Bertalanffy	2	2	6144.1	0.9477	94057.8	758.5	490.9	(6)	486.9	(6)	1100.1	(6)	792985	(6)	0.9469	(6)	1080.6	(6)	891.5	(6)	2.70	(6)	2.70	(4)	(6)
ELLIPTICINE (EL)	**Weibull**	3	3	4831.8	0.9685	153234.9	1235.8	462.8	(3)	456.9	(3)	1074.9	(4)	633673	(3)	0.9677	(1)	1046.4	(3)	369.7	(2)	3.41	(2)	3.41	(8)	(3)
	Hill	3	3	5213.1	0.9661	217856.2	1756.9	472.3	(6)	466.4	(6)	1084.4	(6)	683685	(6)	0.9653	(6)	1055.7	(6)	251.9	(1)	3.68	(1)	3.68	(9)	(6)
	Chapman	3	3	4850.3	0.9682	119439.0	963.2	463.3	(4)	457.4	(4)	1075.3	(5)	636101	(4)	0.9674	(4)	1046.9	(4)	510.4	(5)	3.16	(5)	3.16	(5)	(4)
	VerhulstM	3	2	4817.3	0.9684	119513.5	963.8	462.5	(2)	456.5	(2)	1074.5	(3)	631772	(2)	0.9676	(3)	1046.1	(2)	505.8	(4)	3.16	(4)	3.16	(6)	(2)
	GompertzM	3	2	4807.8	0.9684	119601.2	964.5	462.2	(1)	456.3	(1)	1074.2	(1)	630528	(1)	0.9676	(2)	1045.8	(1)	504.1	(3)	3.17	(3)	3.17	(7)	(1)
	Verhulst	3	3	11254.6	0.9365	129899.1	1047.6	568.5	(8)	562.6	(8)	1180.6	(8)	1476013	(8)	0.9349	(8)	1149.6	(8)	1223.9	(8)	2.40	(8)	2.40	(2)	(8)
	Gompertz	3	3	15306.2	0.9154	132100.2	1065.3	607.0	(9)	601.0	(9)	1219.0	(9)	2007369	(9)	0.9134	(9)	1187.1	(9)	1677.0	(9)	2.11	(9)	2.11	(1)	(9)
	Michaelis	2	2	8772.3	0.9462	118107.1	952.5	535.4	(7)	531.4	(7)	1144.6	(7)	1132192	(7)	0.9453	(7)	1124.4	(7)	1030.2	(7)	2.57	(7)	2.57	(3)	(7)
	Bertalanffy	2	2	5001.1	0.9674	119382.2	962.8	465.1	(5)	461.2	(5)	1074.3	(2)	645473	(5)	0.9668	(5)	1055.3	(5)	528.3	(6)	3.14	(6)	3.14	(4)	(5)
ETOPOSIDE (VP-16)	**Weibull**	3	3	2594.6	0.9847	168340.0	1357.6	385.1	(3)	379.2	(3)	997.1	(3)	340279	(3)	0.9843	(3)	970.6	(3)	119.9	(2)	4.12	(2)	4.12	(8)	(3)
	Hill	3	3	2529.8	0.9850	244766.4	1973.9	381.9	(1)	376.0	(1)	994.0	(1)	331772	(1)	0.9846	(1)	967.5	(1)	41.2	(1)	4.52	(1)	4.52	(9)	(1)
	Chapman	3	3	2556.5	0.9848	136093.8	1097.5	383.3	(2)	377.3	(2)	995.3	(2)	335275	(2)	0.9844	(2)	968.8	(2)	172.2	(3)	3.93	(3)	3.93	(7)	(2)
	VerhulstM	3	3	2607.3	0.9845	136227.0	1098.6	385.7	(4)	379.8	(4)	997.7	(4)	341946	(4)	0.9841	(4)	971.2	(4)	177.7	(4)	3.91	(4)	3.91	(6)	(4)
	GompertzM	3	2	2698.7	0.9839	136297.9	1099.2	390.0	(5)	384.1	(5)	1002.0	(5)	353926	(5)	0.9835	(5)	975.4	(5)	187.9	(5)	3.87	(5)	3.87	(5)	(5)
	Verhulst	3	3	7632.0	0.9651	146748.6	1183.5	520.0	(8)	514.0	(8)	1132.0	(8)	1000916	(8)	0.9642	(7)	1102.2	(8)	687.1	(7)	2.91	(7)	2.91	(3)	(8)
	Gompertz	3	3	11231.0	0.9497	149271.6	1203.8	568.3	(9)	562.3	(9)	1180.3	(9)	1472916	(9)	0.9485	(9)	1149.3	(9)	1047.2	(9)	2.54	(9)	2.54	(1)	(9)
	Michaelis	2	2	7078.4	0.9616	133661.4	1077.9	508.6	(7)	504.6	(7)	1117.8	(7)	913577	(7)	0.9609	(8)	1098.1	(7)	699.8	(8)	2.91	(8)	2.91	(2)	(7)
	Bertalanffy	2	2	2929.4	0.9827	135672.9	1094.1	398.3	(6)	394.3	(6)	1007.5	(6)	378081	(6)	0.9824	(6)	989.5	(6)	213.7	(6)	3.80	(6)	3.80	(4)	(6)
CISPLATIN (CCDP)	**Weibull**	3	3	2414.9	0.9810	127061.5	1024.7	376.1	(3)	370.2	(3)	988.2	(3)	316715	(3)	0.9805	(3)	961.8	(3)	175.6	(2)	3.91	(2)	3.91	(8)	(3)
	Hill	3	3	3037.1	0.9765	167800.8	1353.2	404.8	(5)	398.9	(5)	1016.8	(5)	398314	(5)	0.9759	(5)	989.8	(5)	161.5	(1)	3.96	(1)	3.96	(9)	(5)
	Chapman	3	3	2574.0	0.9797	104408.8	842.0	384.1	(4)	378.2	(4)	996.1	(4)	337575	(4)	0.9792	(4)	969.6	(4)	263.1	(5)	3.65	(5)	3.65	(5)	(4)
	VerhulstM	3	3	2358.6	0.9813	104667.2	844.1	373.2	(1)	367.3	(1)	985.2	(1)	309320	(1)	0.9809	(1)	958.9	(1)	230.3	(4)	3.74	(4)	3.74	(6)	(1)
	GompertzM	3	3	2365.4	0.9813	105016.0	846.9	373.5	(2)	367.6	(2)	985.6	(2)	310219	(2)	0.9808	(2)	959.3	(2)	230.1	(3)	3.75	(3)	3.75	(7)	(2)

Verhulst	3	3	5202.9	0.9639	110150.9	888.3	472.1	(6)	466.1	(6)	1084.1	(7)	682350	(6)	0.9630	(6)	1055.5	(6)	613.1	(6)	3.00	(6)	3.00	(4)	(6)
Gompertz	3	3	7744.1	0.9474	111833.5	901.9	521.8	(8)	515.9	(8)	1133.8	(8)	1015614	(8)	0.9461	(8)	1104.0	(8)	954.3	(8)	2.62	(8)	2.62	(2)	(8)
Michaelis	2	2	11550.7	0.9181	104108.0	839.6	569.8	(9)	565.8	(9)	1179.0	(9)	1490787	(9)	0.9167	(9)	1158.3	(9)	1598.7	(9)	2.17	(9)	2.17	(1)	(9)
Bertalanffy	2	2	5323.8	0.9614	105190.7	848.3	473.0	(7)	469.0	(7)	1082.1	(6)	687116	(7)	0.9608	(7)	1063.0	(7)	663.5	(7)	2.95	(7)	2.95	(3)	(7)

Other notations: *k*, number of fitted parameters; *P*, number of significant fitted parameters; *RSS*, residual sum of squares; *ESS*, explained sum of squares; S^2, standard deviation.

Table A4: Main fitting statistics and model ranking (Rk) obtained for each MSC for the effects of five agents (EL, VP-16, CCDP, ME and WE) for the HepG2 tumor cell lines as illustrative example case. The results obtained for each MSC are presented along with individual rankings (Rk) which are presented in brackets. Finally, the global ranking based on the ranking sum of each MSC (∑Rk) for each agent is presented.

COMPOUND & MODEL		MAIN STATISTICS						MODEL SELECTION CRITERIA																				GLOBAL RANKING (∑Rk)
		k	*P*	*RSS*	R^2	*ESS*	S^2	AIC		AICc		BIC		FPE		R^2_{adj}		RIC		Cp		MSC		MA^2		
								Value	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	*Value*	*Rk*	
METHANOL EXTRACT (EM)	**Weibull**	3	3	2339.6	0.9639	64730.3	522.0	372.2	(3)	366.2	(3)	984.2	(3)	306830	(3)	0.9630	(3)	958.0	(3)	441.2	(3)	3.27	(3)	48	(2)	(3)
	Hill	3	3	2637.9	0.9593	64866.2	523.1	387.2	(5)	381.2	(5)	999.2	(5)	345956	(5)	0.9583	(5)	972.6	(5)	511.3	(5)	3.15	(5)	53	(4)	(5)
	Chapman	3	3	2370.3	0.9634	64708.1	521.8	373.8	(4)	367.9	(4)	985.8	(4)	310865	(4)	0.9625	(4)	959.6	(4)	448.8	(4)	3.26	(4)	49	(3)	(4)
	VerhulstM	3	2	2324.7	0.9641	64698.9	521.8	371.4	(2)	365.4	(2)	983.4	(2)	304883	(2)	0.9632	(2)	957.2	(2)	437.9	(2)	3.28	(2)	1194	(8)	(2)
	GompertzM	3	0	2308.4	0.9644	64694.7	521.7	370.5	(1)	364.6	(1)	982.5	(1)	302739	(1)	0.9635	(1)	956.3	(1)	434.1	(1)	3.29	(1)	1752	(9)	(1)
	Verhulst	3	3	4382.7	0.9342	64724.5	522.0	450.6	(7)	444.7	(7)	1062.7	(7)	574777	(7)	0.9326	(7)	1034.5	(7)	930.5	(7)	2.64	(7)	83	(5)	(7)
	Gompertz	3	3	5846.8	0.9124	64745.6	522.1	486.7	(8)	480.7	(8)	1098.7	(8)	766788	(8)	0.9102	(8)	1069.7	(8)	1280.7	(8)	2.36	(8)	119	(7)	(8)
	Michaelis	2	2	8119.9	0.9108	64697.9	521.8	525.7	(9)	521.8	(9)	1134.9	(9)	104799 6	(9)	0.9094	(9)	1114.9	(9)	1824.3	(9)	2.04	(9)	108	(6)	(9)
	Bertalanffy	2	2	3915.5	0.9521	64709.7	521.9	434.5	(6)	430.6	(6)	1043.7	(6)	505353	(6)	0.9514	(6)	1025.2	(6)	816.9	(6)	2.77	(6)	47	(1)	(6)
WATER EXTRACT (WE)	**Weibull**	3	3	1069.9	0.9772	89207.3	719.4	274.4	(1)	268.4	(1)	886.4	(1)	140313	(1)	0.9766	(3)	862.5	(1)	66.9	(1)	4.38	(1)	19	(1)	(1)
	Hill	3	3	3259.4	0.9642	89548.6	722.2	413.6	(5)	407.7	(5)	1025.6	(5)	427457	(5)	0.9633	(6)	998.4	(5)	445.2	(5)	3.27	(5)	61	(5)	(5)
	Chapman	3	3	2249.5	0.9750	89156.5	719.0	367.3	(4)	361.3	(4)	979.3	(4)	295018	(4)	0.9744	(4)	953.2	(4)	272.1	(4)	3.63	(4)	42	(4)	(4)
	VerhulstM	3	3	1868.1	0.9792	89148.7	718.9	344.0	(3)	338.1	(3)	956.1	(3)	244997	(3)	0.9787	(2)	930.5	(3)	205.8	(3)	3.82	(3)	36	(2)	(3)
	GompertzM	3	2	1672.0	0.9813	89130.3	718.8	330.2	(2)	324.3	(2)	942.2	(2)	219282	(2)	0.9809	(1)	917.0	(2)	171.8	(2)	3.93	(2)	857	(9)	(2)
	Verhulst	3	3	3808.2	0.9587	89105.9	718.6	433.1	(7)	427.1	(7)	1045.1	(7)	499430	(7)	0.9576	(7)	1017.4	(7)	543.4	(7)	3.10	(7)	68	(6)	(7)
	Gompertz	3	3	5700.2	0.9387	89196.1	719.3	483.5	(8)	477.6	(8)	1095.5	(8)	747561	(8)	0.9372	(8)	1066.6	(8)	871.5	(8)	2.70	(8)	101	(7)	(8)
	Michaelis	2	2	10986.8	0.9101	89146.7	718.9	563.5	(9)	559.6	(9)	1172.7	(9)	1418014	(9)	0.9086	(9)	1152.1	(9)	1789.3	(9)	2.06	(9)	136	(8)	(9)
	Bertalanffy	2	2	3668.2	0.9673	89092.4	718.5	426.4	(6)	422.4	(6)	1035.6	(6)	473438	(6)	0.9668	(5)	1017.2	(6)	517.2	(6)	3.16	(6)	38	(3)	(6)
ELLIPTICINE (EL)	**Weibull**	3	3	10574.4	0.8775	86327.4	696.2	560.7	(3)	554.8	(3)	1172.8	(4)	1386806	(3)	0.8745	(3)	1142.0	(3)	1779.6	(4)	2.05	(4)	7159	(6)	(3)
	Hill	3	3	10583.6	0.8774	86431.6	697.0	560.8	(4)	554.9	(4)	1172.9	(5)	1388018	(4)	0.8744	(4)	1142.1	(4)	1779.0	(2)	2.05	(2)	7159	(7)	(4)
	Chapman	3	3	10490.0	0.8779	85662.1	690.8	559.7	(2)	553.8	(2)	1171.8	(3)	1375737	(2)	0.8749	(2)	1141.0	(2)	1779.1	(3)	2.05	(3)	7102	(5)	(2)
	VerhulstM	3	0	10449.8	0.8784	85666.2	690.9	559.3	(1)	553.3	(1)	1171.3	(2)	1370470	(1)	0.8754	(1)	1140.5	(1)	1771.7	(1)	2.06	(1)	8203	(8)	(1)
	GompertzM	3	1	12709.2	0.8638	85600.7	690.3	583.7	(7)	577.8	(7)	1195.7	(7)	1666775	(7)	0.8604	(7)	1164.4	(6)	2182.3	(7)	1.86	(7)	251810	(9)	(7)
	Verhulst	3	3	21447.7	0.7615	86222.3	695.3	649.1	(8)	643.2	(8)	1261.2	(8)	2812810	(8)	0.7556	(8)	1228.3	(8)	3736.6	(8)	1.34	(8)	426	(3)	(8)
	Gompertz	3	3	26407.8	0.7107	86485.0	697.5	675.1	(9)	669.2	(9)	1287.2	(9)	3463312	(9)	0.7035	(9)	1253.7	(9)	4613.8	(9)	1.14	(9)	516	(4)	(9)
	Michaelis	2	2	10805.9	0.8754	85713.2	691.2	561.4	(5)	557.5	(5)	1170.6	(1)	1394663	(5)	0.8734	(5)	1150.1	(5)	1833.1	(5)	2.04	(5)	124	(1)	(5)
	Bertalanffy	2	2	12708.3	0.8638	85600.7	690.3	581.7	(6)	577.8	(6)	1190.9	(6)	1640203	(6)	0.8616	(6)	1170.0	(7)	2180.1	(6)	1.88	(6)	134	(2)	(6)
ETOPOSIDE (VP-16)	**Weibull**	3	3	1089.9	0.9831	64333.4	518.8	276.7	(2)	270.8	(2)	888.7	(2)	142942	(2)	0.9826	(2)	864.8	(2)	143.6	(2)	4.03	(2)	22	(3)	(1)
	Hill	3	3	1186.3	0.9816	64444.1	519.7	287.3	(4)	281.4	(4)	899.3	(4)	155579	(4)	0.9811	(6)	875.1	(4)	166.3	(4)	3.95	(4)	23	(4)	(5)
	Chapman	3	3	1093.6	0.9830	64296.4	518.5	277.1	(3)	271.2	(3)	889.1	(3)	143426	(3)	0.9826	(3)	865.2	(3)	144.6	(3)	4.03	(3)	21	(2)	(4)
	VerhulstM	3	1	1087.5	0.9831	64298.0	518.5	276.4	(1)	270.5	(1)	888.4	(1)	142620	(1)	0.9827	(1)	864.5	(1)	143.2	(1)	4.03	(1)	738	(8)	(3)
	GompertzM	3	1	1262.0	0.9816	64313.2	518.7	295.0	(6)	289.1	(6)	907.0	(6)	165508	(6)	0.9812	(5)	882.7	(5)	185.2	(6)	3.88	(6)	1519	(9)	(2)
	Verhulst	3	3	6701.8	0.8990	64394.0	519.3	503.7	(8)	497.8	(8)	1115.8	(8)	878927	(8)	0.8965	(8)	1086.4	(8)	1494.2	(8)	2.21	(8)	128	(6)	(7)
	Gompertz	3	3	9466.9	0.8561	64392.1	519.3	546.9	(9)	541.0	(9)	1158.9	(9)	1241564	(9)	0.8525	(9)	1128.5	(9)	2159.8	(9)	1.87	(9)	196	(7)	(8)
	Michaelis	2	2	2511.8	0.9688	64299.1	518.5	379.1	(7)	375.1	(7)	988.3	(7)	324185	(7)	0.9683	(7)	970.6	(7)	484.5	(7)	3.21	(7)	26	(5)	(9)
	Bertalanffy	2	2	1256.7	0.9817	64312.9	518.7	292.5	(5)	288.5	(5)	901.7	(5)	162197	(5)	0.9814	(4)	885.4	(6)	181.9	(5)	3.90	(5)	12	(1)	(6)
CISPLATIN (CCDP)	**Weibull**	3	3	1529.3	0.9851	100884.0	813.6	319.0	(4)	313.1	(4)	931.1	(4)	200559	(4)	0.9848	(4)	906.1	(4)	116.0	(4)	4.14	(4)	31	(2)	(4)
	Hill	3	2	1317.1	0.9870	100931.2	814.0	300.4	(2)	294.4	(2)	912.4	(2)	172738	(2)	0.9866	(3)	887.9	(1)	83.3	(2)	4.29	(2)	675	(6)	(2)
	Chapman	3	3	2714.1	0.9777	100789.9	812.8	390.7	(5)	384.8	(5)	1002.8	(5)	355951	(5)	0.9772	(5)	976.1	(5)	298.4	(5)	3.57	(5)	56	(4)	(5)
	VerhulstM	3	0	1317.4	0.9870	100687.7	812.0	300.4	(3)	294.5	(3)	912.4	(3)	172771	(3)	0.9867	(2)	887.9	(2)	83.8	(3)	4.29	(3)	1648	(7)	(3)
	GompertzM	3	2	4378.6	0.9720	101301.3	816.9	450.5	(7)	444.6	(7)	1062.5	(7)	574240	(7)	0.9713	(7)	1034.4	(6)	551.0	(7)	3.09	(7)	19263	(9)	(7)
	Verhulst	3	2	9812.8	0.9522	104935.4	846.3	551.4	(8)	545.5	(8)	1163.4	(8)	1286924	(8)	0.9510	(8)	1132.9	(8)	1330.4	(8)	2.32	(8)	5026	(8)	(8)
	Gompertz	3	3	13447.6	0.9413	107225.5	864.7	590.8	(9)	584.8	(9)	1202.8	(9)	1763620	(9)	0.9398	(9)	1171.3	(9)	1824.9	(9)	2.03	(9)	245	(5)	(9)
	Michaelis	2	2	1301.2	0.9871	100690.6	812.0	296.8	(1)	292.9	(1)	906.0	(1)	167942	(1)	0.9869	(1)	889.7	(3)	79.3	(1)	4.32	(1)	12	(1)	(1)
	Bertalanffy	2	2	4376.9	0.9720	101300.6	816.9	448.5	(6)	444.5	(6)	1057.7	(6)	564909	(6)	0.9715	(6)	1038.9	(7)	548.7	(6)	3.11	(6)	40	(3)	(6)

Other notations: *k*, number of fitted parameters; *P*, number of significant fitted parameters; *RSS*, residual sum of squares; *ESS*, explained sum of squares; S^2, standard deviation.

Table A5: Global ranking (∑Rk) based on the ranking sum of each MSC for four tumor cell lines (NCI-H460, HeLa, MCF-7 and HepG2) by the SRB colorimetric assay for screening the effects of three commercial agents (EL, VP-16 and CCDP, as single compound) and two natural extracts (ME and WE as mixture of compounds). These parametric ranking values were used to order the nine models selected from the bibliography (Eqs (2) to (10)) from the most to the least efficient one for each tumor cell line and finally for all them.

CELLULAR LINE & COMPOUND		3P-EQUATIONS WITHOUT INTERCEPT					3P-EQUATIONS WITH INTERCEPT		2P-EQUATIONS WITHOUT INTERCEPT	
		Weibull	*Hill*	*Chapman*	*VerhulstM*	*GompertzM*	*Verhulst*	*Gompertz*	*Michaelis*	*Bertalanffy*
NaCI-H460	**EM**	(1)	(4)	(3)	(2)	(6)	(5)	(7)	(9)	(8)
	WE	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(9)	(8)
	EL	(1)	(3)	(5)	(4)	(7)	(8)	(9)	(2)	(6)
	VP-16	(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(5)
	CCDP	(1)	(5)	(2)	(4)	(6)	(8)	(9)	(7)	(3)
	Ranking	***(1)***	***(2)***	***(3)***	***(4)***	***(5)***	***(7)***	***(9)***	***(8)***	***(6)***
HeLa	**EM**	(3)	(1)	(2)	(4)	(5)	(7)	(8)	(9)	(6)
	WE	(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(7)
	EL	(3)	(1)	(5)	(2)	(6)	(8)	(9)	(7)	(3)
	VP-16	(4)	(1)	(5)	(3)	(7)	(8)	(9)	(2)	(6)
	CCDP	(3)	(1)	(2)	(4)	(6)	(7)	(9)	(8)	(5)
	Ranking	***(2)***	***(1)***	***(3)***	***(4)***	***(6)***	***(8)***	***(9)***	***(7)***	***(5)***
MFC7	**EM**	(2)	(5)	(3)	(1)	(4)	(6)	(8)	(9)	(7)
	WE	(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(6)
	EL	(2)	(6)	(4)	(3)	(1)	(8)	(9)	(7)	(5)
	VP-16	(3)	(1)	(2)	(4)	(6)	(8)	(9)	(7)	(5)
	CCDP	(3)	(5)	(4)	(1)	(2)	(6)	(8)	(9)	(7)
	Ranking	***(1)***	***(4)***	***(3)***	***(2)***	***(5)***	***(7)***	***(9)***	***(8)***	***(6)***
HeG2	**EM**	(3)	(5)	(4)	(2)	(1)	(7)	(8)	(9)	(6)
	WE	(1)	(6)	(4)	(3)	(2)	(7)	(8)	(9)	(5)
	EL	(3)	(5)	(2)	(1)	(7)	(8)	(9)	(4)	(6)
	VP-16	(2)	(5)	(3)	(1)	(6)	(8)	(9)	(7)	(4)
	CCDP	(4)	(2)	(5)	(3)	(7)	(8)	(9)	(1)	(6)
	Ranking	***(2)***	***(4)***	***(3)***	***(1)***	***(5)***	***(8)***	***(9)***	***(7)***	***(6)***
	Final Global Ranking	**(1)**	**(2)**	**(4)**	**(3)**	**(5)**	**(7)**	**(9)**	**(8)**	**(6)**

Table A6: Shows the results of **Table 3** (parametric estimations, confidence intervals and statistic information) in a comparative mode in µg/mL for all compounds.

CELLULAR LINE & COMPOUND		MAIN FITTING PARAMETERS			OTHER VALUABLE PARAMETERS			STATISTICS
		K *(% Inh)*	***LD_{50}*** *(ug/mL)*	***a*** --	***D_A*** *(% Inh/(ug/mL))*	***LD_K*** *(ug/mL)*	***LD_λ*** *(ug/mL)*	**R^2**
NaCI-H460	**ME**	100.0±9.3	58.83±6.4	1.98±0.39	1.27±0.2	196.94±12.4	11.91±3.0	0.9785
	WE	100.0±8.1	46.96±5.2	1.73±0.31	1.12±0.2	187.16±13.5	6.50±1.9	0.9347
	EL	100.0±12.3	0.19±0.1	0.65±0.16	137.89±53.4	7.79±0.4	0	0.9546
	VP-16	100.0±6.4	11.09±1.5	1.25±0.26	4.63±0.9	75.65±4.9	0.26±0.1	0.9667
	CCDP	100.0±7.1	1.95±0.4	0.93±0.17	19.51±5.2	25.42±2.3	0	0.9817
HeLa	**ME**	100.0±21.5	50.16±14.8	1.27±0.50	1.04±0.2	329.56±32.4	1.38±0.5	0.9359
	WE	100.0±4.5	21.16±1.4	1.32±0.19	2.85±0.5	129.65±12.3	0.79±0.3	0.9696
	EL	100.0±26.7	0.30±0.1	0.94±0.46	131.62±35.1	3.83±0.4	0	0.9474
	VP-16	100.0±26.8	9.08±4.3	0.66±0.36	2.96±1.1	345.11±7.6	0	0.9751
	CCDP	100.0±12.4	2.04±0.4	1.08±0.34	22.84±5.3	18.60±2.0	0.11±0.1	0.9690
MFC7	**ME**	100.0±12.2	57.89±8.8	1.53±0.34	1.04±0.2	275.51±22.4	5.06±1.6	0.9772
	WE	100.0±12.9	44.32±7.1	1.35±0.15	1.38±0.3	262.19±24.3	1.89±0.7	0.9683
	EL	100.0±21.0	0.35±0.1	1.12±0.42	129.61±29.0	3.00±0.4	0	0.9685
	VP-16	100.0±10.2	14.72±2.1	1.18±0.29	3.40±0.7	111.26±6.9	0.19±0.1	0.9847
	CCDP	100.0±14.7	3.65±0.7	1.50±0.31	15.64±2.6	17.96±2.6	0.29±0.1	0.9810
HeG2	**ME**	100.0±60.4	96.02±71.6	1.28±0.44	0.45±0.1	620.24±60.4	2.86±1.1	0.9639
	WE	100.0±17.6	38.22±9.0	1.25±0.22	1.21±0.2	258.58±25.8	0.92±0.4	0.9772
	EL	100.0±82.2	0.29±0.5	0.72±0.81	101.23±35.2	8.03±0.5	0	0.8775
	VP-16	100.0±38.7	25.54±16.8	0.92±0.27	1.32±0.4	343.13±15.3	0	0.9831
	CCDP	100.0±17.3	0.44±0.3	0.50±0.41	44.62±22.3	52.42±0.9	0	0.9851

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