Table S6 - Statistical values of non-linear reggression modelling of the r-protein quantity (H/M ratio) in stationary phase proteome dataset

	uL1	uL2	uL3	uL4	uL5	uL6	bL12	bL9	uL10	uL11	uL13
Comparison of Fits											
Simpler model	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Probability it is correct	95.78%	19.71%	95.21%	95.16%	95.40%	94.50%	95.64%	94.85%	95.40%	95.90%	92.66%
Alternative model	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve
Probability it is correct	4.22%	80.29%	4.79%	4.84%	4.60%	5.50%	4.36%	5.15%	4.60%	4.10%	7.34%
Ratio of probabilities	22.72	4.07	19.88	19.68	20.76	17.18	21.91	18.43	20.73	23.37	12.63
Preferred model	Straight line	curve	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Difference in AICc	-6.247	2.809	-5.98	-5.959	-6.066	-5.687	-6.174	-5.828	-6.063	-6.303	-5.072
curve	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve
Best-fit values											
X0	2.228	3.526	3.056	2.882	2	2.957	3.038	3.252	2.814	2.813	2.931
Y0	1.032	1	1.023	1.037	1.025	1.02	1.033	1.04	1.033	1.038	1.023
Plateau	0.9527	0.1977	0.9154	0.9399	0.9311	0.8832	0.96	0.9072	0.9341	0.9846	0.7854
K	0.6211	0.3015	0.56	0.6255	0.6272	0.5695	0.336	0.5153	0.5825	0.5449	0.3886
Half Life	1.116	2.299	1.238	1.108	1.105	1.217	2.063	1.345	1.19	1.272	1.784
Tau	1.61	3.317	1.786	1.599	1.594	1.756	2.976	1.941	1.717	1.835	2.573
Span	0.07893	0.8023	0.1079	0.09677	0.09355	0.1368	0.07331	0.1328	0.09926	0.05372	0.238
Std. Error											
X0	31.78	0.8233	7.96	11.12	11.63	6.763	14.69	5.026	11.96	21.57	4.034
Y0	0.1068	0.1065	0.1036	0.1002	0.1453	0.1011	0.113	0.1011	0.1058	0.1027	0.1061
Plateau	0.08973	0.05963	0.08969	0.08239	0.0739	0.0839	0.1638	0.0905	0.0903	0.09576	0.1092
K	10.69	0.1094	3.724	5.455	4.01	3.029	3.42	2.313	5.111	8.5	1.017
Span	0.1395	0.1221	0.137	0.1297	0.1697	0.1314	0.199	0.1357	0.1391	0.1404	0.1522
95% CI (profile likelihood)											
X0	-infinity to +infinity	-infinity to ???	-infinity to +infinity	-infinity to +infinity	-infinity to +infinity	-infinity to 23.98	-infinity to 17.3	-infinity to +infinity	-infinity to +infinity	-infinity to +infinity	-infinity to ???
Y0	0.8745 to +infinity	??? to 1.222	0.8438 to 1.041	0.8795 to ???	0.8617 to 1.051	0.8439 to ???	0.8807 to +infinity	0.871 to ???	0.8616 to 7.376	0.9012 to +infinity	0.8295 to ???
Plateau	0.8745 to +infinity	??? to 0.2802	??? to 1.041	0.8795 to 1.063	0.8617 to 1.051	??? to 1.004	0.8807 to 1.144	??? to 1.033	0.8694 to 1.06	0.9012 to +infinity	??? to 0.8951
K	??? to 11.23	0.12 to ???	??? to +infinity	??? to +infinity	??? to +infinity	??? to +infinity	??? to +infinity	??? to 1.05	??? to +infinity	??? to +infinity	??? to +infinity
Half Life	0.06172 to ???	??? to 5.777						0.6602 to ???			
Tau	0.08905 to ???	??? to 8.335						0.9524 to ???			
Goodness of Fit											
Degrees of Freedom	20	20	20	20	20	20	20	20	20	20	20
R square (weighted)	0.01905	0.7959	0.03826	0.03273	0.02836	0.06379	0.01338	0.06098	0.0307	0.009395	0.1604
Weighted Sum of Squares (1/Y²)	1.286	1.361	1.229	1.12	1.243	1.179	1.434	1.134	1.258	1.174	1.29
Sy.x	0.2535	0.2609	0.2479	0.2367	0.2493	0.2428	0.2678	0.2381	0.2508	0.2423	0.2539
Constraints											
Plateau	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0
K	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0
Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Best-fit values											
YIntercept	0.9984	0.9452	0.9986	1.006	0.9885	0.9914	1.029	1.023	1.005	1.017	1.009
Slope	-0.002999	-0.05314	-0.006242	-0.004659	-0.00412	-0.008453	-0.005183	-0.009082	-0.005234	-0.001854	-0.01801
Half Life	166.455485	8.893489	79.990388	107.963082	119.963592	58.641902	99.266834	56.320194	96.006878	274.271845	28.012215
Std. Error											
YIntercept	0.09255	0.07979	0.08994	0.08702	0.09006	0.0872	0.1001	0.08784	0.09178	0.09032	0.0905
Slope	0.01092	0.006721	0.01046	0.01019	0.01057	0.01004	0.01171	0.0101	0.01072	0.0107	0.009976
95% CI (profile likelihood)											
YIntercept	0.8065 to 1.19	0.7797 to 1.111	0.8121 to 1.185	0.8252 to 1.186	0.8017 to 1.175	0.8106 to 1.172	0.821 to 1.236	0.8404 to 1.205	0.8149 to 1.196	0.8292 to 1.204	0.8212 to 1.197
Slope	-0.02564 to 0.01964	-0.06708 to -0.0392	-0.02794 to 0.01545	-0.0258 to 0.01648	-0.02604 to 0.0178	-0.02928 to 0.01238	-0.02946 to 0.01909	-0.03003 to 0.01186	-0.02748 to 0.01701	-0.02405 to 0.02035	-0.0387 to 0.002684
Goodness of Fit											
Degrees of Freedom	22	22	22	22	22	22	22	22	22	22	22
R square (weighted)	0.003419	0.7397	0.01592	0.009407	0.006858	0.03119	0.008831	0.03545	0.01071	0.001362	0.129
Weighted Sum of Squares (1/Y²)	1.279	1.975	1.237	1.128	1.247	1.201	1.432	1.148	1.262	1.166	1.348
Sy.x	0.2412	0.2996	0.2371	0.2265	0.2381	0.2336	0.2551	0.2285	0.2395	0.2302	0.2475
Number of points											
# of X values	24	24	24	24	24	24	24	24	24	24	24
# Y values analyzed	24	24	24	24	24	24	24	24	24	24	24

	uL14	uL15	uL16	bL17	uL18	bL19	bL20*	bL21	uL22	uL23	uL24
Comparison of Fits	Can't calculate							Can't calculate			
Simpler model	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Probability it is correct		7.63%	75.34%	57.99%	16.70%	91.48%	82.24%		91.70%	91.96%	0.02%
Alternative model	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve
Probability it is correct	Not converged	92.37%	24.66%	42.01%	83.30%	8.52%	17.76%	Not converged	8.30%	8.04%	99.98%
Ratio of probabilities		12.1	3.05	1.38	4.99	10.73	4.63		11.05	11.43	4342.05
Preferred model	Straight line	curve	Straight line	Straight line	curve	Straight line	Straight line	Straight line	Straight line	Straight line	curve
Difference in AICc		4.987	-2.233	-0.6449	3.214	-4.746	-3.065		-4.804	-4.873	16.75
curve	Not converged	curve	curve	curve	curve	curve	curve	Not converged	curve	curve	curve
Best-fit values											
X0		3.326	3.469	3.329	3.192	3.107	10		3.34	3.057	3.627
Y0		1.012	1.075	1.045	1.027	1.015	0.9821		1.05	1.03	0.9917
Plateau		0.2195	0.2888	0.2173	0.05965	0.7826	1.495		0.6405	0.8217	0.0211
K		0.3392	0.2578	0.2695	0.2138	0.4609	0.4067		0.3065	0.538	0.3522
Half Life		2.043	2.689	2.572	3.242	1.504	1.704		2.261	1.288	1.968
Tau		2.948	3.879	3.711	4.677	2.169	2.459		3.262	1.859	2.839
Span		0.7921	0.7862	0.8277	0.967	0.2324	-0.5129		0.4095	0.2083	0.9706
Std. Error											
X0		0.8361	1.164	1.079	0.9777	3.137	3.647		1.962	3.513	0.5839
Y0		0.1102	0.1229	0.1221	0.1076	0.09805	0.0828		0.1076	0.09439	0.1189
Plateau		0.05092	0.1135	0.08788	0.08791	0.08547	1.151		0.1256	0.07516	0.01699
K		0.1265	0.145	0.1267	0.07589	1.085	2.097		0.3852	1.506	0.05679
Span		0.1214	0.1673	0.1505	0.1389	0.1301	1.163		0.1654	0.1207	0.1201
95% CI (profile likelihood)											
X0		-51.89 to ???	-infinity to ???	-infinity to ???	??? to 7.442	???	??? to +infinity		???	-infinity to ???	???
Y0		0.6956 to 1.242	??? to 1.331	0.7269 to 1.3	0.7211 to 1.293	0.8194 to ???	0.8138 to 1.141		0.8163 to ???	0.8532 to ???	0.6128 to 1.24
Plateau		0.03722 to 0.293	??? to 0.4226	??? to 0.3274	??? to 0.1675	??? to 0.9006	0.9695 to ???		??? to 0.7932	??? to 0.9292	??? to 0.048
K		0.1461 to 0.6079	0.08027 to ???	0.1001 to ???	0.1397 to 0.3659	0.0003214 to ???	??? to +infinity		0.01962 to ???	???	???
Half Life		1.14 to 4.744	??? to 8.635	??? to 6.923	1.894 to 4.962	??? to 2157			??? to 35.33		
Tau		1.645 to 6.845	??? to 12.46	??? to 9.987	2.733 to 7.159	??? to 3112			??? to 50.98		
Goodness of Fit											
Degrees of Freedom		20	20	20	20	20	18		20	20	20
R square (weighted)		0.7781	0.702	0.7454	0.8535	0.1819	0.1622		0.3789	0.1606	0.88
Weighted Sum of Squares (1/Y²)		1.424	1.569	1.639	1.318	1.12	1.791		1.261	1.008	1.726
Sy.x		0.2669	0.2801	0.2863	0.2567	0.2366	0.3155		0.2511	0.2245	0.2937
Constraints											
Plateau	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0
K	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0
Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Best-fit values											
YIntercept	0.9779	0.9117	1.067	0.9993	0.9729	0.9906	0.9989	1.001	1.051	0.9992	0.7838
Slope	-0.0001788	-0.05012	-0.05457	-0.05492	-0.05969	-0.01662	0.01038	-0.004268	-0.03093	-0.0143	-0.05302
Half Life	2734.619687	9.095172	9.776434	9.097779	8.149606	29.801444	48.116570	117.268041	16.989977	34.937063	7.391550
Std. Error											
YIntercept	0.08688	0.0835	0.09162	0.08732	0.07645	0.08376	0.1366	0.09544	0.0887	0.08076	0.08387
Slope	0.01037	0.007125	0.008113	0.007452	0.006076	0.009282	0.01678	0.0112	0.009187	0.009057	0.006159
95% CI (profile likelihood)											
YIntercept	0.7978 to 1.158	0.7385 to 1.085	0.8773 to 1.257	0.8182 to 1.18	0.8144 to 1.131	0.8169 to 1.164	0.7139 to 1.284	0.8033 to 1.199	0.867 to 1.235	0.8317 to 1.167	0.6098 to 0.9577
Slope	-0.02168 to 0.02132	-0.06489 to -0.03534	-0.07139 to -0.03774	-0.07038 to -0.03947	-0.07229 to -0.04709	-0.03587 to 0.002631	-0.02462 to 0.04539	-0.02749 to 0.01895	-0.04998 to -0.01188	-0.03308 to 0.004483	-0.06579 to -0.04025
Goodness of Fit											
Degrees of Freedom	22	22	22	22	22	22	20	22	22	22	22
R square (weighted)	0.00001352	0.6922	0.6728	0.7117	0.8143	0.1272	0.01878	0.00656	0.34	0.1018	0.7711
Weighted Sum of Squares (1/Y²)	1.152	2.264	1.846	2.06	1.946	1.187	2.086	1.366	1.332	1.062	4.478
Sy.x	0.2288	0.3208	0.2897	0.306	0.2974	0.2322	0.323	0.2491	0.2461	0.2197	0.4511
Number of points											
# of X values	24	24	24	24	24	24	24	24	24	24	24
# Y values analyzed	24	24	24	24	24	24	22	24	24	24	24

	bL25	bL27	bL28	uL29	uL30	bL32	bL33	bL34*	bS1	uS2	uS3
Comparison of Fits											
Simpler model	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Probability it is correct	93.24%	0.10%	18.78%	74.79%	0.19%	0.02%	<0.01%	14.06%	95.21%	95.24%	80.43%
Alternative model	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve
Probability it is correct	6.76%	99.90%	81.22%	25.21%	99.81%	99.98%	>99.99%	85.94%	4.79%	4.76%	19.57%
Ratio of probabilities	13.8	1020.95	4.32	2.97	523.46	4390.16		6.11	19.86	20.02	4.11
Preferred model	Straight line	curve	curve	Straight line	curve	curve	curve	curve	Straight line	Straight line	Straight line
Difference in AICc	-5.25	13.86	2.928	-2.175	12.52	16.77	21.63	3.62	-5.977	-5.994	-2.826
curve	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve
Best-fit values											
X0	2.736	3.683	3.213	2.686	3.33	3.795	3.619	3.609	2.432	2	10
Y0	1.028	0.9917	0.995	0.98	0.9817	0.98	0.985	1.003	1.03	1.03	0.9952
Plateau	0.6713	0.02527	0.188	0.2041	0.06222	0.002722	0.02368	0.08588	0.9269	0.9427	1.221
K	0.2106	0.3713	0.2703	0.1661	0.3135	0.4041	0.384	0.4241	0.618	0.6229	0.3687
Half Life	3.292	1.867	2.565	4.173	2.211	1.715	1.805	1.634	1.122	1.113	1.88
Tau	4.749	2.693	3.7	6.02	3.19	2.474	2.604	2.358	1.618	1.605	2.712
Span	0.357	0.9664	0.807	0.7759	0.9194	0.9773	0.9613	0.9174	0.1031	0.08693	-0.226
Std. Error											
X0	4.09	0.6368	0.8868	1.821	0.6709	0.5728	0.5127	0.9527	19.29	7.625	3.611
Y0	0.1092	0.1369	0.09563	0.103	0.1051	0.1417	0.1122	0.207	0.1094	0.1373	0.05843
Plateau	0.2486	0.01754	0.06418	0.2193	0.0294	0.008864	0.01243	0.03429	0.08984	0.06899	0.7991
K	0.4756	0.06635	0.09979	0.1362	0.06796	0.05402	0.0541	0.1477	7.149	3.24	2.637
Span	0.2715	0.138	0.1152	0.2423	0.1091	0.142	0.1129	0.2098	0.1415	0.1569	0.8052
95% CI (profile likelihood)											
X0	???	1.821 to ???	-infinity to ???	-infinity to 6.791	1.106 to ???	???	2.321 to 6.341	???	-infinity to +infinity	-infinity to ???	??? to +infinity
Y0	0.8147 to +infinity	0.563 to 1.277	0.7144 to 1.194	0.7611 to +infinity	0.6657 to 1.201	0.519 to 1.276	0.6094 to 1.219	??? to 1.435	0.8582 to +infinity	0.8773 to 1.233	0.871 to 1.093
Plateau	???	??? to 0.053	??? to 0.2734	??? to 0.3976	??? to 0.1067	???	??? to 0.04407	??? to 0.1392	0.8582 to 1.214	0.7832 to 1.055	1.114 to ???
K	??? to +infinity	0.2587 to ???	??? to 0.48	0.06809 to 0.2607	0.1926 to 0.45	0.3388 to ???	???	0.1932 to ???	??? to 7.608	??? to +infinity	??? to +infinity
Half Life		??? to 2.68	1.444 to ???	2.659 to 10.18	1.54 to 3.599	??? to 2.046		??? to 3.588	0.09111 to ???		
Tau		??? to 3.866	2.083 to ???	3.836 to 14.69	2.222 to 5.193	??? to 2.951		??? to 5.177	0.1314 to ???		
Goodness of Fit											
Degrees of Freedom	20	20	20	20	20	20	20	20	20	20	20
R square (weighted)	0.2579	0.8456	0.8231	0.7146	0.8734	0.8609	0.8909	0.6407	0.03097	0.028	0.0874
Weighted Sum of Squares (1/Y²)	1.352	2.286	1.108	1.326	1.376	2.508	1.556	5.106	1.353	1.075	1.034
Sy.x	0.26	0.3381	0.2354	0.2575	0.2623	0.3541	0.279	0.5053	0.2601	0.2319	0.2274
Constraints											
Plateau	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0
K	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0
Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Best-fit values											
YIntercept	1.037	0.7762	0.9347	0.9841	0.823	0.717	0.7449	0.7823	0.9944	0.9985	0.9853
Slope	-0.02601	-0.05249	-0.05247	-0.04958	-0.05302	-0.04996	-0.05048	-0.04945	-0.004895	-0.004178	0.005803
Half Life	19.934641	7.393789	8.906994	9.924365	7.761222	7.175741	7.378170	7.910010	101.573034	119.494974	84.895744
Std. Error											
YIntercept	0.0918	0.09004	0.07145	0.07827	0.07647	0.08861	0.08361	0.1187	0.09443	0.08473	0.09072
Slope	0.009745	0.006613	0.006024	0.006977	0.005847	0.006377	0.006131	0.009217	0.01105	0.009945	0.01109
95% CI (profile likelihood)											
YIntercept	0.8466 to 1.227	0.5895 to 0.9629	0.7865 to 1.083	0.8218 to 1.146	0.6644 to 0.9816	0.5333 to 0.9008	0.5715 to 0.9183	0.5362 to 1.028	0.7986 to 1.19	0.8228 to 1.174	0.7972 to 1.173
Slope	-0.04622 to -0.005805	-0.0662 to -0.03878	-0.06497 to -0.03998	-0.06405 to -0.03511	-0.06515 to -0.04089	-0.06318 to -0.03673	-0.06319 to -0.03777	-0.06856 to -0.03033	-0.02781 to 0.01802	-0.0248 to 0.01645	-0.01719 to 0.0288
Goodness of Fit											
Degrees of Freedom	22	22	22	22	22	22	22	22	22	22	22
R square (weighted)	0.2447	0.7412	0.7752	0.6966	0.7889	0.7361	0.755	0.5668	0.008845	0.007959	0.0123
Weighted Sum of Squares (1/Y²)	1.403	5.257	1.617	1.564	2.993	6.515	4.95	7.666	1.362	1.082	1.187
Sy.x	0.2525	0.4888	0.2711	0.2666	0.3688	0.5442	0.4743	0.5903	0.2488	0.2217	0.2323
Number of points											
# of X values	24	24	24	24	24	24	24	24	24	24	24
# Y values analyzed	24	24	24	24	24	24	24	24	24	24	24

	uS4	uS5	bS6	uS7	uS8	uS9	uS10	uS11	uS12	uS13	uS14
Comparison of Fits					Can't calculate						
Simpler model	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Probability it is correct	84.49%	91.87%	94.33%	94.46%		42.82%	95.31%	73.02%	8.72%	9.88%	<0.01%
Alternative model	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve	curve
Probability it is correct	15.51%	8.13%	5.67%	5.54%	Not converged	57.18%	4.69%	26.98%	91.28%	90.12%	>99.99%
Ratio of probabilities	5.45	11.29	16.63	17.05		1.34	20.31	2.71	10.46	9.12	
Preferred model	Straight line	Straight line	Straight line	Straight line	Straight line	curve	Straight line	Straight line	curve	curve	curve
Difference in AICc	-3.391	-4.848	-5.622	-5.673		0.5783	-6.022	-1.991	4.696	4.422	19.86
curve	curve	curve	curve	curve	Not converged	curve	curve	curve	curve	curve	curve
Best-fit values											
X0	3.098	2.304	2.732	2.627		3.038	2	3.198	3.472	3.292	3.423
Y0	1.012	1.012	1.055	1.007		1.007	1.042	1.015	0.9983	0.995	0.98
Plateau	0.7025	0.8283	0.9152	0.8676		0.4187	0.9683	0.4799	0.2524	0.2663	0.04654
K	0.4681	0.5528	0.4508	0.5509		0.3668	0.7076	0.3258	0.3491	0.3504	0.4287
Half Life	1.481	1.254	1.537	1.258		1.89	0.9796	2.128	1.986	1.978	1.617
Tau	2.136	1.809	2.218	1.815		2.727	1.413	3.07	2.865	2.854	2.332
Span	0.3092	0.1834	0.1398	0.139		0.588	0.07403	0.5351	0.7459	0.7287	0.9335
Std. Error											
X0	2.151	9.689	8.337	9.257		1.247	18.48	1.335	0.7923	0.872	0.5647
Y0	0.09308	0.1011	0.1046	0.09893		0.1027	0.1458	0.09756	0.1045	0.1047	0.1245
Plateau	0.07259	0.08088	0.1037	0.08343		0.06718	0.07296	0.08468	0.05163	0.05284	0.01349
K	0.7325	2.921	2.413	3.288		0.246	7.036	0.2466	0.1338	0.1465	0.07478
Span	0.118	0.1295	0.1473	0.1294		0.1227	0.1702	0.1292	0.1166	0.1172	0.1252
95% CI (profile likelihood)											
X0	???	-infinity to +infinity	-infinity to +infinity	-infinity to +infinity		???	-infinity to +infinity	???	-infinity to ???	???	1.748 to 5.774
Y0	??? to 1.206	0.8158 to ???	???	0.8045 to ???		??? to 1.221	0.8875 to 662559	??? to 1.219	??? to 1.216	0.7068 to 1.213	0.6007 to 1.24
Plateau	??? to 0.8045	0.8158 to 0.9382	??? to 1.045	??? to 0.9842		0.01151 to ???	??? to 1.086	??? to 0.5877	0.06633 to 0.3276	0.05489 to 0.3431	0.01386 to 0.06936
K	0.01414 to ???	??? to +infinity	??? to 65.75	???		0.07475 to 1.176	??? to +infinity	0.04898 to ???	0.1395 to 0.6343	0.1274 to 0.6853	0.2948 to 0.5779
Half Life	??? to 49.02		0.01054 to ???			0.5893 to 9.273		??? to 14.15	1.093 to 4.97	1.011 to 5.442	1.199 to 2.351
Tau	??? to 70.72		0.01521 to ???			0.8501 to 13.38		??? to 20.42	1.577 to 7.171	1.459 to 7.851	1.73 to 3.392
Goodness of Fit											
Degrees of Freedom	20	20	20	20		20	20	20	20	20	20
R square (weighted)	0.3177	0.1096	0.05987	0.06741		0.632	0.01868	0.5945	0.7704	0.7547	0.849
Weighted Sum of Squares (1/Y²)	1.016	1.199	1.18	1.159		1.249	1.221	1.109	1.315	1.328	1.937
Sy.x	0.2254	0.2449	0.243	0.2407		0.2499	0.2471	0.2354	0.2565	0.2576	0.3112
Constraints											
Plateau	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0
K	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0
Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Best-fit values											
YIntercept	0.9774	0.9651	1.034	0.974	0.9713	0.9415	1.011	0.9879	0.9225	0.9104	0.7086
Slope	-0.02202	-0.01092	-0.00945	-0.008353	-0.005574	-0.0399	-0.003138	-0.0383	-0.04889	-0.04744	-0.04707
Half Life	22.193460	44.189560	54.708995	58.302406	87.127736	11.798246	161.089866	12.896867	9.434445	9.595278	7.527087
Std. Error											
YIntercept	0.07891	0.08619	0.09092	0.08496	0.08532	0.0819	0.09174	0.07859	0.08231	0.08183	0.08781
Slope	0.008492	0.009802	0.01044	0.009783	0.009948	0.007792	0.01082	0.007672	0.007162	0.007181	0.006544
95% CI (profile likelihood)											
YIntercept	0.8137 to 1.141	0.7864 to 1.144	0.8454 to 1.223	0.7978 to 1.15	0.7944 to 1.148	0.7717 to 1.111	0.8209 to 1.201	0.8249 to 1.151	0.7518 to 1.093	0.7407 to 1.08	0.5265 to 0.8907
Slope	-0.03964 to -0.004412	-0.03125 to 0.009408	-0.03111 to 0.01221	-0.02864 to 0.01194	-0.0262 to 0.01506	-0.05606 to -0.02374	-0.02557 to 0.01929	-0.05421 to -0.02239	-0.06374 to -0.03404	-0.06233 to -0.03255	-0.06064 to -0.0335
Goodness of Fit											
Degrees of Freedom	22	22	22	22	22	22	22	22	22	22	22
R square (weighted)	0.2341	0.0534	0.03588	0.03207	0.01407	0.5437	0.003811	0.5311	0.6793	0.6649	0.7017
Weighted Sum of Squares (1/Y²)	1.139	1.265	1.206	1.181	1.172	1.652	1.227	1.317	2.065	2.061	5.721
Sy.x	0.2275	0.2398	0.2341	0.2317	0.2309	0.274	0.2361	0.2447	0.3064	0.3061	0.51
Number of points											
# of X values	24	24	24	24	24	24	24	24	24	24	24
# Y values analyzed	24	24	24	24	24	24	24	24	24	24	24

	uS15	bS16	uS17	bS18	uS19	bS20	bS21
Comparison of Fits							
Simpler model	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Probability it is correct	92.45%	0.09%	93.67%	77.04%	0.02%	<0.01%	0.03%
Alternative model	curve	curve	curve	curve	curve	curve	curve
Probability it is correct	7.55%	99.91%	6.33%	22.96%	99.98%	>99.99%	99.97%
Ratio of probabilities	12.24	1154.43	14.79	3.36	4822.71		3006.8
Preferred model	Straight line	curve	Straight line	Straight line	curve	curve	curve
Difference in AICc	-5.009	14.1	-5.388	-2.421	16.96	20.9	16.02
curve	curve	curve	curve	curve	curve	curve	curve
Best-fit values							
X0	3.288	2.942	3.346	3.067	3.299	3.655	3.484
Y0	1.065	0.99	1.037	1.028	0.9933	0.9583	0.9833
Plateau	0.4621	0.1027	0.9027	0.5407	0.05583	0.02501	0.03093
K	0.1962	0.3311	0.7393	0.3206	0.3678	0.5172	0.5702
Half Life	3.533	2.094	0.9375	2.162	1.885	1.34	1.216
Tau	5.098	3.021	1.353	3.119	2.719	1.934	1.754
Span	0.6029	0.8873	0.1339	0.4876	0.9375	0.9333	0.9524
Std. Error							
X0	2.396	0.7242	4.009	1.511	0.6472	0.5157	0.5776
Y0	0.1367	0.1006	0.09249	0.09091	0.12	0.1457	0.1731
Plateau	0.286	0.02949	0.06782	0.0875	0.0205	0.007329	0.007964
K	0.2673	0.08159	3.549	0.2749	0.07392	0.07727	0.1038
Span	0.317	0.1049	0.1147	0.1262	0.1217	0.1459	0.1733
95% CI (profile likelihood)							
X0	???	-40.41 to ???	-140.9 to +infinity	???	1.259 to ???	2.33 to ???	1.702 to ???
Y0	0.7915 to +infinity	0.7801 to 1.2	0.8739 to 1.23	??? to 1.218	0.6388 to 1.244	??? to 1.262	0.4615 to 1.344
Plateau	??? to 0.7072	0.01055 to 0.1484	??? to 1.013	??? to 0.6487	0.0001123 to 0.08857	0.009053 to 0.03795	0.01327 to 0.04543
K	0.02955 to ???	0.1876 to 0.5048	??? to +infinity	0.04027 to ???	0.2322 to 0.5168	0.3852 to 1.358	0.3919 to 0.7814
Half Life	??? to 23.46	1.373 to 3.694		??? to 17.21	1.341 to 2.985	0.5104 to 1.799	0.887 to 1.769
Tau	??? to 33.84	1.981 to 5.33		??? to 24.83	1.935 to 4.306	0.7363 to 2.596	1.28 to 2.552
Goodness of Fit							
Degrees of Freedom	20	20	20	20	20	20	20
R square (weighted)	0.4309	0.8622	0.07584	0.5665	0.8535	0.8192	0.7582
Weighted Sum of Squares (1/Y²)	1.977	1.24	0.9552	0.9379	1.751	2.776	3.719
Sy.x	0.3144	0.249	0.2185	0.2166	0.2959	0.3725	0.4312
Constraints							
Plateau	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0	Plateau > 0
K	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0	K > 0
Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line	Straight line
Best-fit values							
YIntercept	1.097	0.8064	1.005	1.004	0.7659	0.6293	0.6134
Slope	-0.04256	-0.05032	-0.0078	-0.03524	-0.05018	-0.04287	-0.04172
Half Life	12.887688	8.012719	64.423077	14.245176	7.631527	7.339631	7.351390
Std. Error							
YIntercept	0.1094	0.07596	0.08032	0.07449	0.08641	0.09221	0.09417
Slope	0.01068	0.00596	0.009282	0.007452	0.006515	0.006735	0.006886
95% CI (profile likelihood)							
YIntercept	0.8701 to 1.324	0.6489 to 0.9639	0.8385 to 1.172	0.8499 to 1.159	0.5867 to 0.9451	0.4381 to 0.8206	0.4181 to 0.8087
Slope	-0.0647 to -0.02041	-0.06268 to -0.03796	-0.02705 to 0.01145	-0.05069 to -0.01978	-0.06369 to -0.03667	-0.05683 to -0.0289	-0.056 to -0.02744
Goodness of Fit							
Degrees of Freedom	22	22	22	22	22	22	22
R square (weighted)	0.4193	0.7641	0.0311	0.5041	0.7295	0.648	0.6252
Weighted Sum of Squares (1/Y²)	2.072	2.882	0.9853	1.095	4.584	8.561	9.359
Sy.x	0.3069	0.3619	0.2116	0.2231	0.4565	0.6238	0.6522
Number of points							
# of X values	24	24	24	24	24	24	24
# Y values analyzed	24	24	24	24	24	24	24

Parameter	Description
Comparison of Fits	Two model comparison - Straight line and plateau followed by one phase decay (curve)
Simpler model	Straight line is simpler than curve
Probability it is correct	Probability that simpler model is a correct one.
Alternative model	Alternative model - plateau followed by one phase decay (curve)
Probability it is correct	Probability that alternative model is a correct one.
Ratio of probabilities	Ratio between two model probabilities
Preferred model	witch model is preffered?
Difference in AICc	Akaike's information criteria value
curve	
Best-fit values	values that correspond to solid black line on figures S9 and S10
X0	Time the decay begins.
Y0	the average Y value up to time X0. It is expressed in the same units as Y,
Plateau	the Y value at infinite times, expressed in the same units as Y.
K	the rate constant, expressed in reciprocal of the X axis time units. If X is in minutes, then K is expressed in inverse minutes.
Half Life	is in the time units of the X axis. It is computed as ln(2)/K.
Tau	the time constant, expressed in the same units as the X axis. It is computed as the reciprocal of K.
Span	the difference between Y0 and Plateau, expressed in the same units as your Y values.
Std. Error	Standard error for corresponding values.
X0	
Y0	
Plateau	
K	
Span	
95% CI (profile likelihood)	values that correspond to range between dotted black line on figures S9 and S10
X0	Time the decay begins.
Y0	the average Y value up to time X0. It is expressed in the same units as Y,
Plateau	the Y value at infinite times, expressed in the same units as Y.
K	the rate constant, expressed in reciprocal of the X axis time units. If X is in minutes, then K is expressed in inverse minutes.
Half Life	is in the time units of the X axis. It is computed as ln(2)/K.
Tau	the time constant, expressed in the same units as the X axis. It is computed as the reciprocal of K.
Goodness of Fit	Statistical values for interpeting the results
Degrees of Freedom	-
R square (weighted)	Fit the model using relative (1/Y2) weighting to compute the weighted sum-of-squares (wSSmodel). This is the weighted sum-of-squares of the residuals from your model. Fit the data to a horizontal line model (Y=Mean + 0*X) using the relative (1/Y2) weighting.
Weighted Sum of Squares (1/Y²)	This is the weighted sum-of-squares of the residuals from a horizontal line (wSShorizontal). The weighted R2 =1.0 - (wSSmodel/wSShorizontal)
Sy.x	$Sy.x = \sqrt{\frac{\sum(residual^2)}{n-K}}$ residual is the vertical distance (in Y units) of the point from the fit line or curve; The value n-K is the number of degrees of freedom of the regression
Constraints	Constrants applied to values before calculation of the fit
Plateau	
K	
Straight line	
Best-fit values	values that correspond to solid black line on figures S9 and S10
YIntercept	the Y value where the line intersects the Y axis
Slope	the slope of the line, expressed in Y units divided by X units
Half Life	Half-life = (Yintercept/2)/ absolute value of slope
Std. Error	Standard error for corresponding values.
YIntercept	
Slope	
95% CI (profile likelihood)	values that correspond to range between dotted black line on figures S9 and S10
YIntercept	the Y value where the line intersects the Y axis
Slope	the slope of the line, expressed in Y units divided by X units
Goodness of Fit	
Degrees of Freedom	
R square (weighted)	Fit the model using relative (1/Y2) weighting to compute the weighted sum-of-squares (wSSmodel). This is the weighted sum-of-squares of the residuals from your model. Fit the data to a horizontal line model (Y=Mean + 0*X) using the relative (1/Y2) weighting.
Weighted Sum of Squares (1/Y²)	This is the weighted sum-of-squares of the residuals from a horizontal line (wSShorizontal). The weighted R2 =1.0 - (wSSmodel/wSShorizontal)
Sy.x	$Sy.x = \sqrt{\frac{\sum(residual^2)}{n-K}}$ residual is the vertical distance (in Y units) of the point from the fit line or curve; The value n-K is the number of degrees of freedom of the regression
Number of points	number of datapoint used for analysis
# of X values	
# Y values analyzed	