Supporting Information for

Getting More Out of a Job's Plot: Determination of Reactant:Product Stoichiometry in Cases of Displacement Reactions and *n:n* Complex Formation

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Table comparing the dependence of Σ c/c_{MAX} on the number of data points in the limiting case of small equilibrium constants

Table S1: Theoretical values of Σ c/c_{MAX} based upon the number of data points, *n*, acquired.

Number of Data Points[a]	Δf	Σ c/c_{MAX}		
		1:1 Association	1:1 Displacement	2:2 Association
7	0.1667	3.89	4.34	3.20
8	0.1423	4.57	5.16	3.73
9	0.1250	5.25	5.96	4.27
10	0.1111	5.93	6.76	4.80
11	0.1000	6.60	7.55	5.34
12	0.0909	7.27	8.34	5.86
13	0.0833	7.94	9.13	6.39
14	0.0769	8.62	9.92	6.93
15	0.0714	9.29	10.70	7.47
16	0.0667	9.96	11.49	8.00
17	0.0625	10.62	12.28	8.53
18	0.0588	11.29	13.06	9.06
19	0.0556	11.96	13.85	9.60
20	0.0526	12.63	14.63	10.13
21	0.0500	13.30	15.41	10.67
22	0.0476	13.97	16.20	11.20
23	0.0455	14.64	16.98	11.73
24	0.0435	15.30	17.76	12.27
25	0.0417	15.97	18.55	12.79
26	0.0400	16.64	19.33	13.33
27	0.0385	17.31	20.11	13.87
28	0.0370	17.98	20.89	14.40
29	0.0357	18.64	21.67	14.93
30	0.0345	19.31	22.45	15.47
31	0.0333	19.98	23.24	16.00
32	0.0323	20.65	24.02	16.53
33	0.0313	21.31	24.80	17.06
34	0.0303	21.98	25.58	17.59
35	0.0294	22.65	26.36	18.13
36	0.0286	23.31	27.14	18.67
37	0.0278	23.98	27.92	19.19
38	0.0270	24.65	28.70	19.72
39	0.0263	25.32	29.48	20.27
40	0.0256	25.98	30.26	20.79
41	0.0250	26.65	31.04	21.34

a. Including $f = 0$ and $f = 1$.