Suppose we wish to study the effect of four drugs on reaction time to a series of tasks. Sufficient time is allowed to minimize the effect that one drug may have on the subject's response to the next drug. The following data is from Winer (1971):

	Drugs					
S's	1	2	3	4	Means	
1	30	28	16	34	27	
2	14	18	10	22	16	
3	24	20	18	30	23	
4	38	34	20	44	34	
5	26	28	14	30	24.5	
	26.4	25.6	15.6	32	24.9	(grand mean)

Table 9.1 Data Giving Loads Needed for a Given Slippage in 8 Specimens of Timber. From Nonlinear Growth Curves, Crowder, M.J., in *Encyclopedia of Biostatistics*, Armitage, P. and Colton, T. (Eds), Vol. 4, pp 3012–3014. Copyright © John Wiley & Sons Limited. Reproduced with permission.

	Slippage														
Specimen	0.0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.60	1.80
1	0.0	2.38	4.34	6.64	8.05	9.78	10.97	12.05	12.98	13.94	14.74	16.13	17.98	19.52	19.97
2	0.0	2.69	4.75	7.04	9.20	10.94	12.23	13.19	14.08	14.66	15.37	16.89	17.78	18.41	18.97
3	0.0	2.85	4.89	6.61	8.09	9.72	11.03	12.14	13.18	14.12	15.09	16.68	17.94	18.22	19.40
4	0.0	2.46	4.28	5.88	7.43	8.32	9.92	11.10	12.23	13.24	14.19	16.07	17.43	18.36	18.93
5	0.0	2.97	4.68	6.66	8.11	9.64	11.06	12.25	13.35	14.54	15.53	17.38	18.76	19.81	20.62
6	0.0	3.96	6.46	8.14	9.35	10.72	11.84	12.85	13.83	14.85	15.79	17.39	18.44	19.46	20.05
7	0.0	3.17	5.33	7.14	8.29	9.86	11.07	12.13	13.15	14.09	15.11	16.69	17.69	18.71	19.54
8	0.0	3.36	5.45	7.08	8.32	9.91	11.06	12.21	13.16	14.05	14.96	16.24	17.34	18.23	18.87