

PART IV

APPENDICES

List of Appendices

Appendix	Title	Page
A	Data Tables	295

APPENDIX A

Data Tables

OBJECTIVE

This appendix contains several tables of ratings. Some of these tables were used in examples throughout the book. The reader is encouraged to use them for practice.

Contents

A.1 <i>Linguistics Test Scores Data in Wide Format</i>	296
A.2 <i>Linguistics Test Scores Data in Long Format</i>	300
A.3 <i>Multivariate Normal Ratings with Correlation $\rho = 0.9$</i>	302
A.4 <i>Multivariate Normal Ratings with Correlation $\rho = 0.3$</i>	305

A.1 Linguistics Test Scores Data in Wide Format

Table A.1: Eleven Students' Linguistics Test Scores in a Wide Format^a

NAME	VERSION	COMPONENT	RATER1	RATER2	RATER3	RATER4
Suzan	M	Grammar	3		3.5	3
Suzan	M	Vocabulary	3		3.5	3.5
Suzan	M	Fluency	3		3.5	3
Suzan	M	Pronunciation	3		3.5	3
Suzan	M	Overall	3		3.5	3
Mary	M	Grammar	4	4	4	
Mary	M	Vocabulary	3.5	4	3.5	
Mary	M	Fluency	3	3.5	3.5	
Mary	M	Pronunciation	3	4	3.5	
Mary	M	Overall	3.5	3.5	3.5	
Lee	M	Grammar		3.5	3.5	3.5
Lee	M	Vocabulary		3.5	3.5	3.5
Lee	M	Fluency		3.5	3.5	3
Lee	M	Pronunciation		3	3.5	3.5
Lee	M	Overall		3.5	3.5	3.5
Amber	VCP	Listening	5	5		5
Amber	VCP	Grammar	5	5		5
Amber	VCP	Vocabulary	5	5		5
Amber	VCP	Fluency	5	5		4.5
Amber	VCP	Pronunciation	5	5		5
Amber	VCP	Overall	5	5		5
Ricardo	VCP	Listening	4.5		5	4.5
Ricardo	VCP	Grammar	4.5		4.5	4
Ricardo	VCP	Vocabulary	4		4.5	4
Ricardo	VCP	Fluency	4		5	4
Ricardo	VCP	Pronunciation	4.5		4.5	4
Ricardo	VCP	Overall	4.5		4.5	4
Lee	VCP	Listening	4.5	5	4.5	
Lee	VCP	Grammar	4.5	4.5	4	
Lee	VCP	Vocabulary	4.5	4.5	4.5	
Lee	VCP	Fluency	4	4.5	4	
Lee	VCP	Pronunciation	5	4.5	4.5	

Continued on next page

^aYou can download this table: <https://agreestat.com/books/icc5/data/ScoresWFormat.csv>

Table A.1 – continued from previous page

NAME	VERSION	COMPONENT	RATER1	RATER2	RATER3	RATER4
Lee	VCP	Overall	4.5	4.5	4.5	
Mary	VCP	Listening	4	4.5		4.5
Mary	VCP	Grammar	4	4		4
Mary	VCP	Vocabulary	4	4.5		4.5
Mary	VCP	Fluency	4	4.5		4
Mary	VCP	Pronunciation	4	4.5		4
Mary	VCP	Overall	4	4.5		4.5
Suzan	VCP	Listening	4.5	4.5		4.5
Suzan	VCP	Grammar	4	3.5		4
Suzan	VCP	Vocabulary	3.5	3.5		4
Suzan	VCP	Fluency	3.5	4		4
Suzan	VCP	Pronunciation	3.5	3.5		4
Suzan	VCP	Overall	4	3.5		4
Yin	VCP	Listening		3.5	3.5	4
Yin	VCP	Grammar		4	3.5	3
Yin	VCP	Vocabulary		3.5	3.5	3.5
Yin	VCP	Fluency		3.5	3.5	3.5
Yin	VCP	Pronunciation		3.5	3	3.5
Yin	VCP	Overall		3.5	3.5	3.5
Isaac	VCP	Listening	4.5	4.5	4.5	
Isaac	VCP	Grammar	4.5	4.5	4	
Isaac	VCP	Vocabulary	4.5	4.5	4	
Isaac	VCP	Fluency	4.5	4.5	4.5	
Isaac	VCP	Pronunciation	4.5	4.5	4.5	
Isaac	VCP	Overall	4.5	4.5	4.5	
Viktor	VCP	Listening	4.5	4.5		4.5
Viktor	VCP	Grammar	4.5	4		4
Viktor	VCP	Vocabulary	3.5	4		4.5
Viktor	VCP	Fluency	4	4		4.5
Viktor	VCP	Pronunciation	4	4.5		4.5
Viktor	VCP	Overall	4	4		4.5
David	VCP	Listening	4.5	4.5	4	
David	VCP	Grammar	3.5	4.5	4	
David	VCP	Vocabulary	4	4	4	
David	VCP	Fluency	4	4	4	
David	VCP	Pronunciation	3.5	3.5	3	

Continued on next page

^aYou can download this table: <https://agreestat.com/books/icc5/data/ScoresWFormat.csv>

Table A.1 – continued from previous page

NAME	VERSION	COMPONENT	RATER1	RATER2	RATER3	RATER4
David	VCP	Overall	4	4	4	
Yanick	VCP	Listening	4.5	4.5	4	
Yanick	VCP	Grammar	3.5	4	4	
Yanick	VCP	Vocabulary	4	4	3.5	
Yanick	VCP	Fluency	3.5	4.5	4	
Yanick	VCP	Pronunciation	4	3.5	4	
Yanick	VCP	Overall	4	4	4	
Jasmine	VCP	Listening		4.5	4.5	4.5
Jasmine	VCP	Grammar		4.5	4.5	4.5
Jasmine	VCP	Vocabulary		5	4.5	5
Jasmine	VCP	Fluency		4	4.5	4.5
Jasmine	VCP	Pronunciation		4	4	4
Jasmine	VCP	Overall		4.5	4.5	4.5
David	VCE	Listening	4.5	4.5		4.5
David	VCE	Grammar	3.5	4.5		4
David	VCE	Vocabulary	4	4		3.5
David	VCE	Fluency	3.5	3.5		3.5
David	VCE	Pronunciation	3.5	3.5		3.5
David	VCE	Overall	3.5	4		3.5
Amber	VCE	Listening	5	4.5		5
Amber	VCE	Grammar	5	5		5
Amber	VCE	Vocabulary	5	5		5
Amber	VCE	Fluency	5	4		5
Amber	VCE	Pronunciation	5	5		5
Amber	VCE	Overall	5	5		5
Isaac	VCE	Listening	4	4		3.5
Isaac	VCE	Grammar	4	3.5		3.5
Isaac	VCE	Vocabulary	4	3.5		3.5
Isaac	VCE	Fluency	4	4		4
Isaac	VCE	Pronunciation	4	4		4
Isaac	VCE	Overall	4	4		3.5
Mary	VCE	Listening	4	4.5		4.5
Mary	VCE	Grammar	4	4		4
Mary	VCE	Vocabulary	4	4		4
Mary	VCE	Fluency	4	4		4
Mary	VCE	Pronunciation	4	4		4.5

Continued on next page

^aYou can download this table: <https://agreestat.com/books/icc5/data/ScoresWFormat.csv>

Table A.1 – continued from previous page

NAME	VERSION	COMPONENT	RATER1	RATER2	RATER3	RATER4
Mary	VCE	Overall	4	4		4
Suzan	VCE	Listening	4		4.5	4
Suzan	VCE	Grammar	3.5		4	3.5
Suzan	VCE	Vocabulary	3.5		4	3.5
Suzan	VCE	Fluency	3.5		4	3.5
Suzan	VCE	Pronunciation	3.5		4	3.5
Suzan	VCE	Overall	3.5		4	3.5
Yin	VCE	Listening		2.5	3	3
Yin	VCE	Grammar		2.5	3	3
Yin	VCE	Vocabulary		2.5	3	3
Yin	VCE	Fluency		2.5	3	2.5
Yin	VCE	Pronunciation		2.5	3	2.5
Yin	VCE	Overall		2.5	3	3
Viktor	VCE	Listening		4.5	4	3.5
Viktor	VCE	Grammar		3.5	3.5	3
Viktor	VCE	Vocabulary		3.5	3	3
Viktor	VCE	Fluency		3	3.5	3
Viktor	VCE	Pronunciation		3	3.5	3
Viktor	VCE	Overall		3.5	3.5	3.5

^aYou can download this table: <https://agreestat.com/books/icc5/data/ScoresWFormat.csv>

A.2 Linguistics Test Scores Data in Long Format

Table A.2: Eleven Students' Linguistics Test Scores in a Long Format^a

NAME	VERSION	RATER	FLUENCY	GRAMMAR	LISTEN	OVERALL	PRONU	VOCAB
Suzan	M	Rater 1	3	3		3	3	3
Suzan	M	Rater 3	3.5	3.5		3.5	3.5	3.5
Suzan	M	Rater 4	3	3		3	3	3.5
Mary	M	Rater 1	3	4		3.5	3	3.5
Mary	M	Rater 2	3.5	4		3.5	4	4
Mary	M	Rater 3	3.5	4		3.5	3.5	3.5
Lee	M	Rater 2	3.5	3.5		3.5	3	3.5
Lee	M	Rater 3	3.5	3.5		3.5	3.5	3.5
Lee	M	Rater 4	3	3.5		3.5	3.5	3.5
Amber	VCP	Rater 1	5	5	5	5	5	5
Amber	VCP	Rater 2	5	5	5	5	5	5
Amber	VCP	Rater 4	4.5	5	5	5	5	5
Ricardo	VCP	Rater 1	4	4.5	4.5	4.5	4.5	4
Ricardo	VCP	Rater 3	5	4.5	5	4.5	4.5	4.5
Ricardo	VCP	Rater 4	4	4	4.5	4	4	4
Lee	VCP	Rater 1	4	4.5	4.5	4.5	5	4.5
Lee	VCP	Rater 2	4.5	4.5	5	4.5	4.5	4.5
Lee	VCP	Rater 3	4	4	4.5	4.5	4.5	4.5
Mary	VCP	Rater 1	4	4	4	4	4	4
Mary	VCP	Rater 2	4.5	4	4.5	4.5	4.5	4.5
Mary	VCP	Rater 4	4	4	4.5	4.5	4	4.5
Suzan	VCP	Rater 1	3.5	4	4.5	4	3.5	3.5
Suzan	VCP	Rater 2	4	3.5	4.5	3.5	3.5	3.5
Suzan	VCP	Rater 4	4	4	4.5	4	4	4
Yin	VCP	Rater 2	3.5	4	3.5	3.5	3.5	3.5
Yin	VCP	Rater 3	3.5	3.5	3.5	3.5	3	3.5
Yin	VCP	Rater 4	3.5	3	4	3.5	3.5	3.5
Isaac	VCP	Rater 1	4.5	4.5	4.5	4.5	4.5	4.5
Isaac	VCP	Rater 2	4.5	4.5	4.5	4.5	4.5	4.5
Isaac	VCP	Rater 3	4.5	4	4.5	4.5	4.5	4
Viktor	VCP	Rater 1	4	4.5	4.5	4	4	3.5

Continued on next page

^aYou may download this table: <https://agreestat.com/books/icc5/data/ScoresLFormat.csv>

Table A.2 – continued from previous page

NAME	VERSION	RATER	FLUENCY	GRAMMAR	LISTEN	OVERALL	PRONU	VOCAB
Viktor	VCP	Rater 2	4	4	4.5	4	4.5	4
Viktor	VCP	Rater 4	4.5	4	4.5	4.5	4.5	4.5
David	VCP	Rater 1	4	3.5	4.5	4	3.5	4
David	VCP	Rater 2	4	4.5	4.5	4	3.5	4
Yanick	VCP	Rater 1	3.5	3.5	4.5	4	4	4
Yanick	VCP	Rater 2	4.5	4	4.5	4	3.5	4
Yanick	VCP	Rater 3	4	4	4	4	4	3.5
Jasmine	VCP	Rater 2	4	4.5	4.5	4.5	4	5
Jasmine	VCP	Rater 3	4.5	4.5	4.5	4.5	4	4.5
Jasmine	VCP	Rater 4	4.5	4.5	4.5	4.5	4	5
David	VCE	Rater 1	3.5	3.5	4.5	3.5	3.5	4
David	VCE	Rater 2	3.5	4.5	4.5	4	3.5	4
David	VCE	Rater 4	3.5	4	4.5	3.5	3.5	3.5
Amber	VCE	Rater 1	5	5	5	5	5	5
Amber	VCE	Rater 2	4	5	4.5	5	5	5
Amber	VCE	Rater 4	5	5	5	5	5	5
Isaac	VCE	Rater 1	4	4	4	4	4	4
Isaac	VCE	Rater 2	4	3.5	4	4	4	3.5
Isaac	VCE	Rater 4	4	3.5	3.5	3.5	4	3.5
Mary	VCE	Rater 1	4	4	4	4	4	4
Mary	VCE	Rater 2	4	4	4.5	4	4	4
Mary	VCE	Rater 4	4	4	4.5	4	4.5	4
Suzan	VCE	Rater 1	3.5	3.5	4	3.5	3.5	3.5
Suzan	VCE	Rater 3	4	4	4.5	4	4	4
Suzan	VCE	Rater 4	3.5	3.5	4	3.5	3.5	3.5
Yin	VCE	Rater 2	2.5	2.5	2.5	2.5	2.5	2.5
Yin	VCE	Rater 3	3	3	3	3	3	3
Yin	VCE	Rater 4	2.5	3	3	3	2.5	3
Viktor	VCE	Rater 2	3	3.5	4.5	3.5	3	3.5
Viktor	VCE	Rater 3	3.5	3.5	4	3.5	3.5	3
Viktor	VCE	Rater 4	3	3	3.5	3.5	3	3

^aYou may download this table: <https://agreestat.com/books/icc5/data/ScoresLFormat.csv>

A.3 Multivariate Normal Ratings with Constant Correlation
Coefficient $\rho = 0.9$

Table A.3: Ratings^a of 50 subjects by 2 raters on 7 variables V_1, V_2, \dots, V_7 , from the multivariate normal distribution $\mathcal{N}_{100}(9, \Sigma)$, where all diagonal elements of Σ are 1 and all off-diagonal elements are $\rho = 0.9$.

ID	raters	V1	V2	V3	V4	V5	V6	V7
1	Rater1	6.1467	7.7670	7.8303	7.0241	7.2838	7.3929	6.2669
2	Rater1	7.1151	6.6202	7.4789	7.3857	6.9263	7.4855	6.5613
3	Rater1	7.3674	7.7788	7.1497	8.4245	7.8156	8.6117	7.8718
4	Rater1	7.4255	8.4544	10.1602	8.4242	8.9021	8.6711	8.6210
5	Rater1	7.5101	8.2920	8.8949	10.0307	8.4592	9.9717	8.7610
6	Rater1	7.5746	7.9126	7.9576	7.3289	7.3385	8.5815	8.3565
7	Rater1	7.6438	8.7296	8.8458	9.0239	8.8961	9.2761	9.3995
8	Rater1	7.7634	8.5203	8.8810	8.0593	6.7704	9.1910	7.7182
9	Rater1	7.8078	7.9572	7.9395	7.8232	7.5984	7.6365	7.8917
10	Rater1	7.9167	8.4796	7.8404	7.5133	8.5391	8.4126	9.1328
11	Rater1	7.9531	8.7367	7.6708	9.3200	8.3401	8.5758	8.4627
12	Rater1	8.0224	8.3841	8.3800	6.8909	7.5363	8.1987	9.1828
13	Rater1	8.1917	7.5608	6.7506	6.7804	6.8081	6.9837	6.9976
14	Rater1	8.2748	8.3405	8.8674	9.4330	8.8952	9.1608	9.2445
15	Rater1	8.3289	8.5744	7.7959	7.9887	7.7522	8.2142	6.8532
16	Rater1	8.3643	8.5743	9.2118	7.0888	7.8780	7.8171	8.1304
17	Rater1	8.3982	10.0563	9.7476	8.4250	9.1204	8.4946	8.7581
18	Rater1	8.4287	9.2511	10.1382	9.8562	8.9246	9.8699	8.6929
19	Rater1	8.4946	8.8419	7.9235	7.0875	9.2379	9.0208	8.0132
20	Rater1	8.6613	8.5727	9.3798	9.5792	8.8767	7.7463	8.5434
21	Rater1	8.6695	8.2202	7.5377	7.5164	7.1814	7.5093	8.5719
22	Rater1	8.7473	9.2687	9.4696	8.5294	8.6168	9.0710	8.2751
23	Rater1	8.7861	8.5472	10.0640	8.5566	7.3869	8.1291	9.5224
24	Rater1	8.8423	9.0984	8.3478	8.8377	10.6679	8.4234	8.9080
25	Rater1	8.8718	8.0749	9.2542	7.7635	8.0066	9.0764	9.2602
26	Rater1	8.9444	8.2734	9.4163	7.8434	8.5949	7.0625	8.9171
27	Rater1	8.9642	8.1271	8.0754	8.6241	8.8430	9.2470	8.4433
28	Rater1	8.9982	7.8795	8.2864	8.3922	9.0256	8.5257	9.4768
29	Rater1	9.0290	8.0965	9.8209	9.5099	8.4160	7.5717	8.8690

Continued on next page

^aYou may download this dataset: <https://agreestat.com/books/icc5/data/i2cc0x581.csv>

Table A.3 – continued from previous page

ID	raters	V1	V2	V3	V4	V5	V6	V7
30	Rater1	9.0708	9.1692	7.8457	9.1345	8.9463	8.3370	9.0494
31	Rater1	9.1831	9.1724	7.2273	8.8013	7.2792	8.7225	9.2419
32	Rater1	9.2768	8.3783	8.6143	8.4542	8.1965	9.6026	7.4784
33	Rater1	9.3111	10.1408	10.0173	9.2207	8.6476	9.6157	8.9871
34	Rater1	9.3944	8.8186	10.8228	10.6644	10.0847	7.9681	10.5514
35	Rater1	9.6910	10.6694	9.6858	9.2418	9.1301	8.8108	10.3101
36	Rater1	9.7174	9.3344	9.0034	9.4836	9.0273	10.0611	9.4439
37	Rater1	9.7535	10.2632	9.4249	10.0430	8.6880	9.8621	9.7321
38	Rater1	9.8330	11.2774	10.9906	10.8366	11.3225	11.5604	11.1311
39	Rater1	9.8685	9.3388	10.0360	10.1433	9.5042	9.4823	8.8781
40	Rater1	9.9748	10.8335	11.2517	9.2134	10.5246	9.4692	10.5419
41	Rater1	10.1062	10.8947	11.0270	10.2520	9.5890	10.2991	9.7223
42	Rater1	10.1161	10.4384	11.1370	10.7590	9.4951	10.3282	8.9777
43	Rater1	10.3345	10.2951	10.9627	9.0281	10.8477	9.4121	11.2077
44	Rater1	10.3718	8.3891	10.6696	10.0940	9.9944	9.3122	9.7207
45	Rater1	10.5921	10.0752	9.0778	8.8140	9.2152	9.2114	9.2677
46	Rater1	10.6940	10.0115	11.2167	10.2551	9.5537	10.3221	10.8294
47	Rater1	10.8234	9.9789	9.7315	10.4664	10.2245	8.6555	10.1365
48	Rater1	10.8537	10.8568	10.3737	11.4633	9.7814	9.3562	10.9289
49	Rater1	10.9324	10.3047	9.9006	9.8581	10.1291	8.3711	10.2576
50	Rater1	11.1420	10.7238	10.7470	8.9955	10.5613	9.5391	10.8631
1	Rater2	6.7304	8.1972	7.9204	7.9879	8.0127	8.4145	7.8977
2	Rater2	7.3062	7.7183	8.7585	7.6611	8.3333	7.9103	8.4383
3	Rater2	7.4016	9.4949	7.6063	8.4931	7.9499	8.9145	9.0385
4	Rater2	7.4790	8.7764	8.8547	9.1194	9.7993	8.5934	8.8226
5	Rater2	7.5688	8.7264	9.9528	8.0686	8.7122	8.0679	8.9104
6	Rater2	7.6206	6.5075	8.5323	6.7036	7.7312	7.8837	7.3490
7	Rater2	7.7032	7.9791	8.4656	7.2234	7.6877	7.5639	7.3768
8	Rater2	7.7756	8.2530	9.2506	8.0906	8.5649	8.3366	8.3011
9	Rater2	7.8688	8.6162	8.1349	8.8426	8.2199	8.6478	7.5103
10	Rater2	7.9269	8.7961	8.9656	8.6431	8.7894	7.0117	8.7015
11	Rater2	8.0021	8.7801	9.2434	8.1743	8.0468	8.3137	7.3410
12	Rater2	8.1829	8.7302	8.5928	8.3382	9.7049	7.8263	8.9046
13	Rater2	8.2459	8.5159	8.4340	8.0823	8.6877	8.7627	9.2497
14	Rater2	8.2768	8.7623	9.2085	8.2486	9.8847	8.9973	8.0395
15	Rater2	8.3302	9.1777	9.0897	7.6396	7.7542	8.2684	9.6982
16	Rater2	8.3823	8.1929	8.6347	8.3538	7.4434	8.1870	8.3046

Continued on next page

^aYou may download this dataset: <https://agreestat.com/books/icc5/data/i2cc0x581.csv>

Table A.3 – continued from previous page

ID	raters	V1	V2	V3	V4	V5	V6	V7
17	Rater2	8.4258	8.1483	7.7853	7.7384	7.6765	9.0388	8.0461
18	Rater2	8.4816	9.6105	9.0761	9.3893	10.6526	10.4078	10.2081
19	Rater2	8.6325	9.3406	9.6867	8.4838	9.3774	9.4935	9.7385
20	Rater2	8.6685	10.0088	10.5437	9.9626	9.2631	10.3898	9.3417
21	Rater2	8.6830	7.8153	8.8283	9.8923	9.2502	8.6236	8.8238
22	Rater2	8.7768	8.4898	8.3885	9.1607	8.8027	9.2336	9.4068
23	Rater2	8.7889	8.9415	8.0401	8.0235	7.3872	8.3727	9.4151
24	Rater2	8.8585	8.1946	9.2295	9.6155	8.0488	7.7048	8.0822
25	Rater2	8.9393	8.5007	8.8281	7.8438	9.2729	8.6794	8.2332
26	Rater2	8.9448	8.3073	7.9669	8.0205	8.0183	8.8726	9.2264
27	Rater2	8.9711	7.0906	7.6966	8.8921	9.0663	8.3501	7.8504
28	Rater2	9.0164	8.7188	8.2284	8.3831	9.8746	7.8831	8.7328
29	Rater2	9.0469	8.5684	8.8749	8.7010	9.0619	7.9015	8.7576
30	Rater2	9.1511	9.6613	10.3118	10.1316	10.5309	9.0958	9.2312
31	Rater2	9.2512	9.7988	8.5877	8.6548	8.7343	8.1128	9.1938
32	Rater2	9.2955	8.2572	9.0011	9.3847	9.6080	9.6812	8.7965
33	Rater2	9.3357	9.5045	9.0945	9.0071	10.3740	10.1423	9.6639
34	Rater2	9.5649	9.8242	9.7693	8.9798	10.4978	9.6031	9.3201
35	Rater2	9.6984	9.7177	9.0267	8.9442	9.5288	8.6128	8.8124
36	Rater2	9.7431	10.6267	10.6768	10.6521	10.3018	10.4133	10.0450
37	Rater2	9.7845	7.6953	8.5771	8.5607	8.8616	7.8568	7.2223
38	Rater2	9.8673	9.3698	10.4370	9.8927	10.6882	11.5523	10.1332
39	Rater2	9.9595	8.7374	9.5144	10.2654	9.3318	9.4874	9.2518
40	Rater2	10.1016	9.2576	9.1609	10.0353	9.8797	9.4746	9.0903
41	Rater2	10.1148	9.6445	10.6602	9.6604	9.6924	9.4066	10.2981
42	Rater2	10.1501	10.5396	9.7478	11.1678	9.2813	10.1456	11.7096
43	Rater2	10.3604	10.4734	10.5475	10.1029	9.5293	11.1180	11.0091
44	Rater2	10.4470	9.2683	11.0984	10.0908	8.9564	10.6049	9.4545
45	Rater2	10.6431	10.7195	9.9722	10.1963	10.7080	11.5977	10.2399
46	Rater2	10.7502	9.0190	10.3129	8.5095	9.4284	9.6605	9.3788
47	Rater2	10.8510	11.2114	10.5071	10.3142	10.0446	10.2271	9.4186
48	Rater2	10.8903	11.4662	10.6460	10.7902	11.4050	11.0581	10.4980
49	Rater2	11.0083	9.8666	11.0260	10.0864	10.3926	11.6632	10.7391
50	Rater2	11.9467	10.2846	11.2131	10.1725	10.1439	10.2581	11.4068

^aYou may download this dataset: <https://agreestat.com/books/icc5/data/i2cc0x581.csv>

A.4 Multivariate Normal Ratings with Constant Correlation Coefficient $\rho = 0.3$

Table A.4: Ratings^a of 50 subjects by 2 raters on 7 variables V_1, V_2, \dots, V_7 , from the multivariate normal distribution $\mathcal{N}_{100}(9, \Sigma)$, where all diagonal elements of Σ are 1 and all off-diagonal elements are $\rho = 0.3$.

ID	raters	V_1	V_2	V_3	V_4	V_5	V_6	V_7
1	rater1	6.3073	9.2940	7.7092	7.3721	8.6624	8.3318	8.3751
2	rater1	6.8469	7.3479	7.4843	8.6792	7.3376	7.7055	8.0957
3	rater1	7.1292	11.1592	10.6172	9.3710	8.9773	8.0511	7.8117
4	rater1	7.2194	7.9872	9.7077	9.6852	7.0052	8.5354	8.2735
5	rater1	7.4952	9.2164	6.1272	7.9469	9.3945	8.4101	7.6125
6	rater1	7.5657	8.3686	8.0193	8.0366	9.3827	8.5749	7.9250
7	rater1	7.5855	9.6454	9.1473	9.0220	9.1396	9.5736	9.6216
8	rater1	7.8129	9.6037	8.5978	7.4251	9.6085	7.7419	8.5585
9	rater1	7.8573	6.9728	7.7547	9.2548	6.9891	8.6928	8.4764
10	rater1	7.9850	8.4265	9.7476	8.0571	8.4044	7.3223	8.9852
11	rater1	8.0512	8.6051	7.8794	8.7089	8.3303	8.7743	8.4991
12	rater1	8.1914	9.9228	9.1051	9.2617	10.2257	9.3440	10.5795
13	rater1	8.2519	7.7653	10.7794	8.7399	7.4905	8.4528	9.9153
14	rater1	8.3085	7.5513	6.5563	7.9576	7.1003	7.7152	6.9489
15	rater1	8.3905	8.2183	7.5722	8.2135	7.4426	7.6085	9.1313
16	rater1	8.4452	8.4265	8.8643	9.5724	8.0065	9.1314	8.9788
17	rater1	8.5280	9.4353	10.6236	10.2094	10.9727	9.4508	9.7628
18	rater1	8.5774	10.3779	9.7523	10.6291	9.4727	10.6049	10.0313
19	rater1	8.6285	10.6712	8.2459	8.5765	8.8693	9.8348	9.3256
20	rater1	8.7000	9.3111	7.7949	9.7388	10.8387	9.0742	9.7435
21	rater1	8.8139	7.7624	7.5977	7.9703	7.8434	6.9467	7.0022
22	rater1	8.8482	7.4923	7.5058	7.6065	8.4776	7.0080	8.1812
23	rater1	8.9451	8.6528	8.8186	8.7941	8.9595	8.9964	6.7651
24	rater1	8.9654	9.6707	8.9809	8.7519	9.0193	8.2394	7.9473
25	rater1	9.0051	10.2669	9.9368	9.9689	10.8204	9.4840	11.2751
26	rater1	9.0687	7.4611	9.0783	9.4383	6.0193	8.6524	8.2094
27	rater1	9.1507	9.1193	7.1143	6.8242	8.8499	8.1900	8.5194
28	rater1	9.1625	10.4491	9.3805	10.5229	8.7221	7.8016	8.0531
29	rater1	9.2184	10.2955	8.2111	8.7079	9.9264	8.5038	8.6310

Continued on next page

^aYou may download this dataset: <https://agreestat.com/books/icc5/data/i2cc0x275.csv>

Table A.4 – continued from previous page

ID	raters	V ₁	V ₂	V ₃	V ₄	V ₅	V ₆	V ₇
30	rater1	9.3640	9.3625	9.6970	10.2276	8.5896	9.9028	8.7470
31	rater1	9.4220	11.1669	10.7496	9.5328	8.6602	9.5979	8.4061
32	rater1	9.5151	8.6288	8.8470	8.9265	8.8345	9.3097	9.4282
33	rater1	9.5716	8.1388	8.7668	9.7108	9.1822	9.2986	10.1773
34	rater1	9.6108	9.9968	8.4162	8.9569	9.4515	11.1935	10.2649
35	rater1	9.6833	9.6698	9.8611	10.9149	10.7495	9.1998	10.4588
36	rater1	9.7557	10.6086	9.9429	10.7897	10.7092	10.7425	9.9036
37	rater1	9.8035	8.7878	9.3902	9.6520	8.7696	7.9201	8.4251
38	rater1	9.8491	8.2549	10.6922	9.0043	10.0693	8.9157	8.4605
39	rater1	9.8911	10.9602	9.2610	9.3485	7.7081	9.4130	11.0184
40	rater1	9.9773	10.7809	9.0374	10.0915	8.6163	9.8518	10.3025
41	rater1	10.1478	8.7355	7.3196	8.3534	10.3287	7.1477	8.9304
42	rater1	10.2300	9.6161	8.4829	9.4229	9.8015	8.9511	9.6403
43	rater1	10.2838	11.3216	9.4971	11.1892	10.5555	10.8654	10.0778
44	rater1	10.3037	10.1139	8.7076	9.5888	9.4364	9.3222	9.5346
45	rater1	10.3729	11.3645	10.1603	9.3976	9.8571	9.2926	10.9191
46	rater1	10.4859	9.1646	8.9985	8.5549	9.1145	9.3884	9.1884
47	rater1	10.8022	10.1210	10.1676	9.3241	7.9081	8.7718	8.6967
48	rater1	11.1071	7.9266	8.7424	8.6736	7.3249	10.1822	9.3087
49	rater1	11.1931	9.6988	11.1908	10.5940	10.6650	9.7325	8.7725
50	rater1	11.7005	8.9301	9.1759	8.3447	7.9456	9.4240	9.4397
1	rater2	6.6410	8.6462	7.9872	8.9247	8.3176	9.9698	7.3059
2	rater2	6.8703	9.1754	8.7624	9.0736	7.7987	8.5077	8.2752
3	rater2	7.1992	8.6334	9.5931	9.1742	8.8244	11.0281	7.5118
4	rater2	7.2982	8.7112	8.7998	9.4898	8.4682	9.8338	9.3111
5	rater2	7.5003	9.8781	8.5492	8.0740	8.5296	7.8188	9.2635
6	rater2	7.5839	9.3979	9.0307	7.2064	7.4612	7.6641	8.8494
7	rater2	7.8085	10.1625	8.9591	9.9813	8.9509	8.2259	8.3584
8	rater2	7.8463	8.6738	7.8467	9.0058	9.4876	9.5821	8.3540
9	rater2	7.8579	7.7161	6.8806	8.7485	6.5989	9.6951	6.7036
10	rater2	8.0206	8.8482	7.7965	11.5481	8.6143	8.9846	9.8453
11	rater2	8.0709	6.4821	7.0163	7.0973	8.4760	8.8622	7.0901
12	rater2	8.2422	8.6977	10.2056	7.6788	8.9607	9.6815	8.0325
13	rater2	8.2940	8.8342	8.6991	5.5103	10.2792	7.3353	8.7934
14	rater2	8.3749	7.9905	9.6619	9.8197	11.5270	9.0119	9.7901
15	rater2	8.4061	8.5570	8.1775	7.4129	8.6153	9.2141	9.3994
16	rater2	8.4736	9.0904	8.9953	8.6121	7.8094	8.6902	8.8843

Continued on next page

^aYou may download this dataset: <https://agreestat.com/books/icc5/data/i2cc0x275.csv>

Table A.4 – continued from previous page

ID	rater2	V ₁	V ₂	V ₃	V ₄	V ₅	V ₆	V ₇
17	rater2	8.5584	9.4932	9.6977	8.9812	8.5740	7.8674	9.9761
18	rater2	8.5911	10.9046	9.2064	7.8749	11.0833	10.4412	9.9313
19	rater2	8.6605	7.9084	7.5449	9.3756	7.2719	8.0624	8.8136
20	rater2	8.7829	8.5744	6.3259	7.5606	6.3164	7.0360	7.6642
21	rater2	8.8336	10.5945	7.4103	7.7808	9.3940	8.5364	10.2652
22	rater2	8.9041	8.7815	7.7254	8.7069	7.3515	7.8649	8.3985
23	rater2	8.9576	7.1795	9.8820	8.9172	8.3854	9.3120	8.6937
24	rater2	8.9659	10.1426	9.3672	9.0468	9.6492	9.4783	8.5251
25	rater2	9.0305	9.4338	7.9135	9.5508	10.2538	8.3054	10.2337
26	rater2	9.1395	8.6261	8.0495	8.2486	9.2796	8.9525	9.0416
27	rater2	9.1568	9.3029	8.4803	9.4173	7.6275	8.1405	7.6939
28	rater2	9.1795	9.6311	7.6922	7.0097	8.3348	7.7233	9.2553
29	rater2	9.2549	9.4949	9.1617	9.0376	8.3376	8.6975	9.3198
30	rater2	9.4205	9.9938	8.4839	8.9100	7.5443	9.3882	10.5007
31	rater2	9.4337	10.7571	9.5028	9.8963	10.2509	9.0892	9.2212
32	rater2	9.5366	9.0410	9.4494	8.3940	9.5851	8.4322	9.3374
33	rater2	9.5941	10.5224	9.5410	9.1600	10.0461	6.8825	10.7354
34	rater2	9.6579	8.5438	9.8481	10.6638	8.4213	9.4390	8.1583
35	rater2	9.7517	7.9556	9.3656	8.7377	9.0190	9.5952	8.1219
36	rater2	9.7971	9.7458	7.8303	9.2747	8.2103	9.0225	8.1492
37	rater2	9.8157	9.2381	8.8317	9.3970	8.0335	8.7477	7.3542
38	rater2	9.8721	8.2544	9.4605	9.3169	8.9593	7.3044	8.4760
39	rater2	9.9111	10.3213	10.9035	8.8156	10.2425	9.4730	9.6823
40	rater2	10.1273	10.1701	7.5625	8.6475	10.1145	8.3793	8.8716
41	rater2	10.1866	10.5322	8.5037	8.3745	8.8100	8.3389	7.8549
42	rater2	10.2762	9.9881	9.9313	10.7375	11.2953	9.4675	9.9818
43	rater2	10.2969	8.4779	8.0012	8.9760	7.8941	8.1576	10.0179
44	rater2	10.3702	10.6785	9.5296	11.3100	10.5259	9.8898	9.5432
45	rater2	10.4659	9.5755	7.6090	9.2390	9.0131	7.3961	8.7047
46	rater2	10.4918	8.7902	9.4259	8.5905	8.8834	10.4138	11.6652
47	rater2	10.8712	10.5203	10.8218	10.3209	8.9927	10.5601	10.4661
48	rater2	11.1243	9.5947	11.0926	9.1066	8.8413	9.1028	8.5770
49	rater2	11.5200	8.3213	9.4643	9.4905	8.6357	8.9251	8.6307
50	rater2	11.8453	9.5765	10.4341	10.4218	10.9367	10.9423	11.7714

^aYou may download this dataset: <https://agreestat.com/books/icc5/data/i2cc0x275.csv>