

Appendix F: Results with white noise/Fechner Error Specification: Version A, B and C

Table F1a: % of the times that each model comes first; Version A with White Noise

	EU	DA	DS	PR	RL	ST	WU
Akaike Criterion							
1st 100	9	9	34	6	17	15	9
2nd_100	4	6	49	6	19	6	13
3rd 100	9	9	40	4	23	6	9
4th 100	9	9	38	11	19	0	13
5th 100	9	4	28	8	30	8	13
all 500	0	4	70	0	21	0	6
1st 400	0	4	68	0	19	0	9
1st 300	0	6	66	0	17	4	8
1st 200	0	2	51	4	26	8	9
Bayesian Criterion							
1st 100	26	9	26	6	11	15	6
2nd_100	38	4	38	4	11	6	2
3rd 100	30	11	34	4	9	6	6
4th 100	28	11	32	11	9	2	6
5th 100	38	2	28	9	8	8	8
all 500	2	2	77	0	15	0	4
1st 400	2	4	79	0	11	2	2
1st 300	2	6	74	2	8	6	4
1st 200	15	4	55	4	13	8	2
Predictive Ability							
1st 400	6	9	49	4	17	9	9
1st 300	0	9	51	2	13	9	15
1st 200	4	8	47	6	13	15	8
1st 100	6	9	45	6	13	13	8

Table F1b: Average Rankings; Version A with White Noise

	EU	DA	DS	PR	RL	ST	WU
Akaike Criterion							
1st 100	4.4	4.7	1.9	4.1	3.5	4.8	4.5
2nd_100	4.4	4.5	1.9	4.2	3.4	5.4	4.1
3rd 100	4.5	4.4	2.2	4.0	3.4	5.1	4.4
4th 100	4.4	4.6	2.2	3.9	3.2	5.6	4.0
5th 100	4.2	4.8	2.2	4.0	3.0	5.5	4.2
all 500	5.3	4.8	1.5	4.3	2.9	5.3	3.8
1st 400	5.5	4.7	1.6	4.2	2.8	5.3	3.8
1st 300	5.3	4.9	1.6	4.3	2.8	5.2	3.8
1st 200	5.1	4.7	1.9	4.1	3.0	5.2	4.0
Bayesian Criterion							
1st 100	3.3	4.6	2.0	4.0	4.3	4.6	5.2
2nd_100	2.9	4.2	2.0	3.9	4.5	5.2	5.2
3rd 100	3.2	4.2	2.2	3.9	4.3	5.0	5.2
4th 100	3.3	4.3	2.2	3.7	4.0	5.6	4.8
5th 100	3.1	4.5	2.2	3.8	4.1	5.3	4.9
all 500	4.7	4.8	1.4	4.1	3.4	5.2	4.5
1st 400	4.6	4.6	1.4	4.0	3.4	5.2	4.7
1st 300	4.4	4.7	1.5	4.1	3.6	4.9	4.8
1st 200	3.7	4.5	1.8	4.0	4.0	5.0	5.0
Predictive Ability							
1st 400	5.2	4.2	2.0	4.5	3.0	5.2	3.8
1st 300	5.2	4.5	1.9	4.1	3.2	5.1	3.9
1st 200	4.5	4.2	2.2	4.2	3.7	4.6	4.1
1st 100	4.5	4.1	2.2	3.7	3.8	5.0	4.4

Table F2a: % of the times that each model comes first; Version B with White Noise

	EU	DA	DS	PR	RL	ST	WU
Akaike Criterion							
1st 100	13	11	15	8	21	19	13
2nd_100	13	11	17	9	28	6	19
3rd 100	15	9	26	9	25	8	9
4th 100	17	11	11	13	25	4	19
5th 100	13	4	19	9	36	8	13
all 500	0	8	60	0	23	2	8
1st 400	0	4	64	2	21	0	9
1st 300	0	6	55	4	23	6	8
1st 200	2	2	43	6	30	8	9
Bayesian Criterion							
1st 100	28	11	9	6	17	23	6
2nd_100	51	11	6	13	11	6	4
3rd 100	32	13	13	13	13	9	8
4th 100	38	13	8	15	15	2	9
5th 100	38	6	13	11	15	9	8
all 500	11	8	49	0	23	2	8
1st 400	11	9	43	2	19	8	8
1st 300	13	9	32	8	19	11	8
1st 200	28	11	15	9	19	13	4
Predictive Ability							
1st 400	6	9	51	4	17	9	9
1st 300	0	9	51	2	13	9	15
1st 200	4	8	47	6	13	15	8
1st 100	6	11	43	6	13	13	8

Table F2b: Average Rankings; Version B with White Noise

	EU	DA	DS	PR	RL	ST	WU
Akaike Criterion							
1st 100	4.2	4.6	2.9	3.8	3.4	4.8	4.3
2nd_100	4.2	4.3	2.7	4.0	3.2	5.4	3.9
3rd 100	4.3	4.3	2.9	3.8	3.2	5.1	4.2
4th 100	4.2	4.5	3.2	3.7	3.0	5.6	3.8
5th 100	4.0	4.6	3.2	3.8	2.8	5.5	4.0
all 500	5.3	4.8	1.7	4.3	2.8	5.3	3.7
1st 400	5.5	4.7	1.7	4.2	2.8	5.3	3.8
1st 300	5.3	4.9	1.8	4.2	2.7	5.2	3.8
1st 200	5.1	4.7	2.1	4.1	2.9	5.1	3.9
Bayesian Criterion							
1st 100	3.0	4.1	3.9	3.3	4.1	4.5	5.0
2nd_100	2.7	3.7	4.1	3.3	4.2	5.0	4.9
3rd 100	3.0	3.8	3.9	3.4	4.1	4.8	4.9
4th 100	3.2	3.9	4.2	3.1	3.6	5.3	4.5
5th 100	2.8	4.1	4.0	3.4	3.7	5.2	4.7
all 500	4.5	4.7	1.9	4.1	3.2	5.1	4.4
1st 400	4.4	4.6	2.0	4.0	3.2	5.1	4.6
1st 300	4.1	4.6	2.4	3.9	3.4	4.9	4.7
1st 200	3.5	4.2	3.2	3.6	3.8	4.9	4.8
Predictive Ability							
1st 400	5.2	4.2	1.8	4.5	3.0	5.3	3.9
1st 300	5.2	4.5	1.9	4.1	3.2	5.1	3.9
1st 200	4.5	4.2	2.2	4.2	3.7	4.6	4.1
1st 100	4.5	4.1	2.2	3.8	3.8	5.0	4.4

Table F3a: % of the times that each model comes first; Version C with White Noise

	EU	DA	DS	PR	RL	ST	WU
Akaike Criterion							
1st 100	13	11	17	8	21	19	13
2nd_100	13	9	23	8	25	8	19
3rd 100	17	11	17	9	26	8	11
4th 100	19	11	9	13	25	4	19
5th 100	15	4	17	11	34	8	13
all 500	28	28	25	25	57	21	28
1st 400	9	13	9	9	45	4	11
1st 300	9	11	13	9	40	8	11
1st 200	8	13	19	9	36	8	9
Bayesian Criterion							
1st 100	26	11	19	6	15	19	6
2nd_100	45	6	28	4	11	8	2
3rd 100	34	13	21	8	11	8	6
4th 100	38	13	17	11	11	2	8
5th 100	40	4	21	9	11	9	8
all 500	34	26	32	26	47	21	25
1st 400	17	13	23	9	23	8	9
1st 300	15	15	25	11	17	11	8
1st 200	30	13	23	8	17	9	2
Predictive Ability							
1st 400	9	13	15	8	40	9	13
1st 300	0	8	9	15	34	11	23
1st 200	9	17	11	15	28	13	8
1st 100	15	13	11	11	19	19	11

Table F3b: Average Rankings; Version C with White Noise

	EU	DA	DS	PR	RL	ST	WU
Akaike Criterion							
1st 100	4.2	4.5	2.8	3.9	3.4	4.8	4.4
2nd_100	4.2	4.5	2.6	4.2	3.1	5.2	4.0
3rd 100	4.2	4.4	2.9	3.8	3.2	5.1	4.3
4th 100	4.2	4.4	3.2	3.7	3.2	5.5	3.8
5th 100	3.9	4.5	3.2	3.7	2.9	5.4	4.1
all 500	4.4	3.9	2.6	3.5	2.2	4.6	3.1
1st 400	5.3	4.4	2.9	4.0	2.4	5.4	3.6
1st 300	5.1	4.7	2.9	3.9	2.5	5.2	3.6
1st 200	4.8	4.4	2.8	3.9	2.9	5.2	3.9
Bayesian Criterion							
1st 100	3.1	4.4	2.7	3.7	4.2	4.6	5.2
2nd_100	3.0	4.2	2.3	3.9	4.4	5.0	5.1
3rd 100	2.9	4.2	2.7	3.7	4.3	4.9	5.1
4th 100	3.3	4.1	2.9	3.5	4.0	5.5	4.8
5th 100	2.9	4.2	3.0	3.5	3.9	5.3	4.9
all 500	3.8	3.8	2.2	3.4	2.6	4.5	3.8
1st 400	4.2	4.3	2.5	3.8	3.2	5.2	4.7
1st 300	4.2	4.5	2.5	3.8	3.5	4.9	4.7
1st 200	3.5	4.2	2.6	3.7	3.9	5.0	5.0
Predictive Ability							
1st 400	5.1	3.9	3.4	4.1	2.5	5.1	3.7
1st 300	5.1	4.3	3.2	3.7	2.8	5.1	3.6
1st 200	4.2	3.8	3.5	3.7	3.5	4.7	4.0
1st 100	4.1	4.0	3.5	3.5	3.5	4.8	4.2