Thesis Reports

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For $\alpha = 2$, d(reduced dimention) = 2,3, 5, 10, 20, 30, 50

Table Sim200

d	ARI_p	ARI_d	C_e
2	0.8600812	0.0165356	-84
3	0.8600812	0.0175164	-84
5	0.8600812	0.0233531	-84
10	0.8600812	0.0392362	-82
20	0.8600812	0.0783380	-78
30	0.8600812	0.1210072	-74
50	0.8600812	0.2130800	-65

Plot Sim200

Simulated 200 dimention $C_{\text{e}}\,$ vs. Reduced dimention

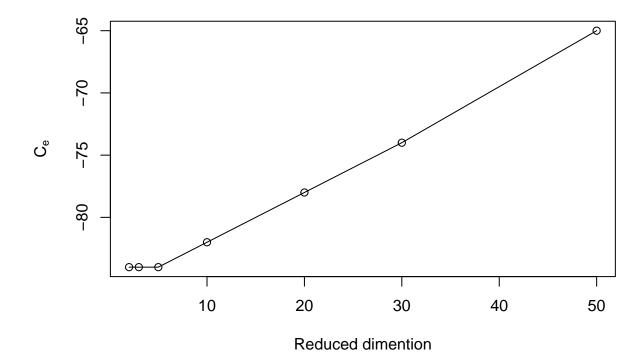
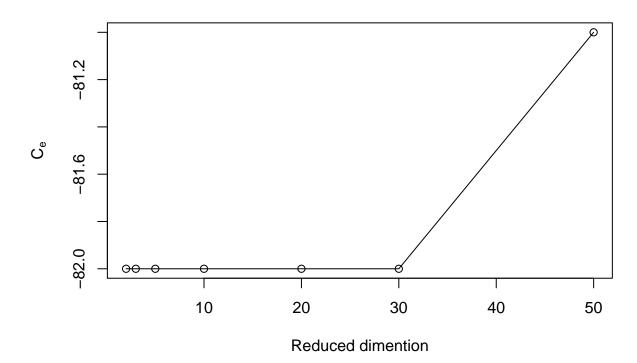


Table Sim1000

d	ARI_p	ARI_d	C_e
2	0.8233352	0.0028831	-82
3	0.8233352	0.0031754	-82
5	0.8233397	0.0036920	-82
10	0.8233352	0.0047544	-82
20	0.8233397	0.0059592	-82
30	0.8233488	0.0076884	-82
50	0.8233397	0.0103410	-81

Plot Sim1000

Simulated 1000 dimention $C_{\rm e}\,$ vs. Reduced dimention



For $\alpha=1,$ d(reduced dimention) = 2,3, 5, 10, 20, 30, 50 Table Sim200

d	ARI_p	ARI_d	C_e
2	0.8600812	0.0127881	-85
3	0.8600812	0.0125081	-85
5	0.8600812	0.0135053	-85
10	0.8600812	0.0135418	-85
20	0.8600812	0.0134440	-85
30	0.8600812	0.0139522	-85
50	0.8600812	0.0147410	-85

Plot Sim200

Simulated 200 dimention $C_{\text{e}}\,$ vs. Reduced dimention

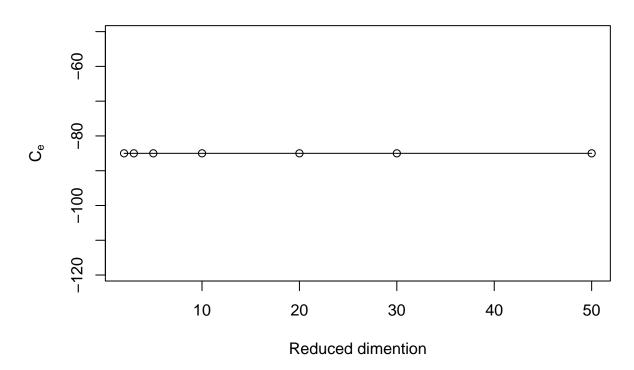
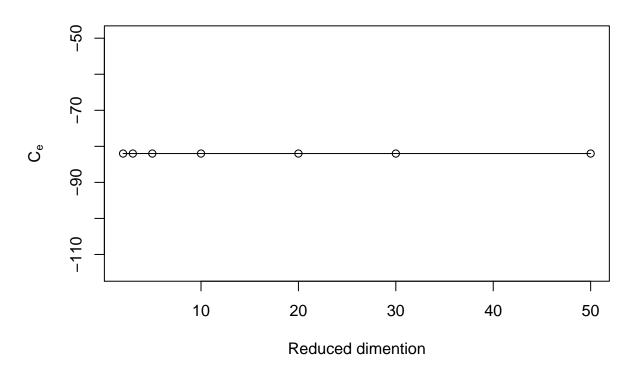


Table Sim1000

d	ARI_p	ARI_d	C_e
2	0.8233352	0.0027118	-82
3	0.8233352	0.0027245	-82
5	0.8233352	0.0025270	-82
10	0.8233397	0.0027831	-82
20	0.8233352	0.0027944	-82
30	0.8233397	0.0026015	-82
50	0.8233352	0.0026218	-82

Plot Sim1000

Simulated 1000 dimention $C_{\rm e}\,$ vs. Reduced dimention



For s = 2, d(reduced dimention) = 2,3, 5, 10, 20, 30, 50

Table Sim200

d	ARI_p	ARI_d	C_e
2	0.8600812	0.0175178	-84
3	0.8600812	0.0198378	-84
5	0.8600812	0.0262968	-83
10	0.8600812	0.0407918	-82
20	0.8600812	0.0816119	-78
30	0.8600812	0.1240261	-74
50	0.8600812	0.2177254	-64

Plot Sim200

Simulated 200 dimention $C_{\text{e}}\,$ vs. Reduced dimention

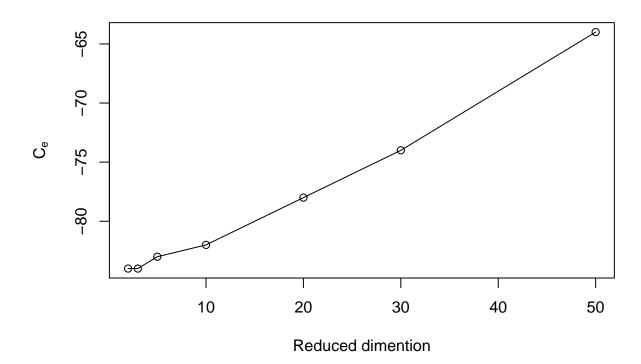


Table Sim1000

d	ARI_p	ARI_d	C_e
2	0.8233352	0.0028570	-82
3	0.8233352	0.0032665	-82
5	0.8233352	0.0034172	-82
10	0.8233443	0.0049866	-82
20	0.8233352	0.0057479	-82
30	0.8233443	0.0071553	-82
50	0.8233352	0.0099807	-81

Plot Sim1000

Simulated 1000 dimention $C_{\rm e}\,$ vs. Reduced dimention

