

Table 1

d=3, K-means	Error Rate	P-value	Log-likelihood	P-value
ASE	0.4613	0	-11773	0.0318
Opti	0.4474		-11775	
d=3, GMM	Error Rate	P-value	Log-likelihood	P-value
ASE	0.4961	0.9993	-12060	0.9999
Opti	0.5146		-12386	
d=4, K-means	Error Rate	P-value	Log-likelihood	P-value
ASE	0.4612	2.38E-14	-11790	2.27E-05
Opti	0.4474		-11738	
d=4, GMM	Error Rate	P-value	Log-likelihood	P-value
ASE	0.5070	0.0082	-12296	1
Opti	0.4972		-12560	
d=5, K-means	Error Rate	P-value	Log-likelihood	P-value
ASE	0.4630	0	-11780	1.11E-10
Opti	0.4447		-11715	
d=5, GMM	Error Rate	P-value	Log-likelihood	P-value
ASE	0.5111	0.0190	-12449	0.9999
Opti	0.5011		-12563	
d=6, K-means	Error Rate	P-value	Log-likelihood	P-value
ASE	0.4639	0	-11802	1.25E-12
Opti	0.4420		-11698	
d=6, GMM	Error Rate	P-value	Log-likelihood	P-value
ASE	0.5122	0.2591	-12600	0.9616
Opti	0.5064		-12611	