Simulation results

Ella Orme

ResNMTF

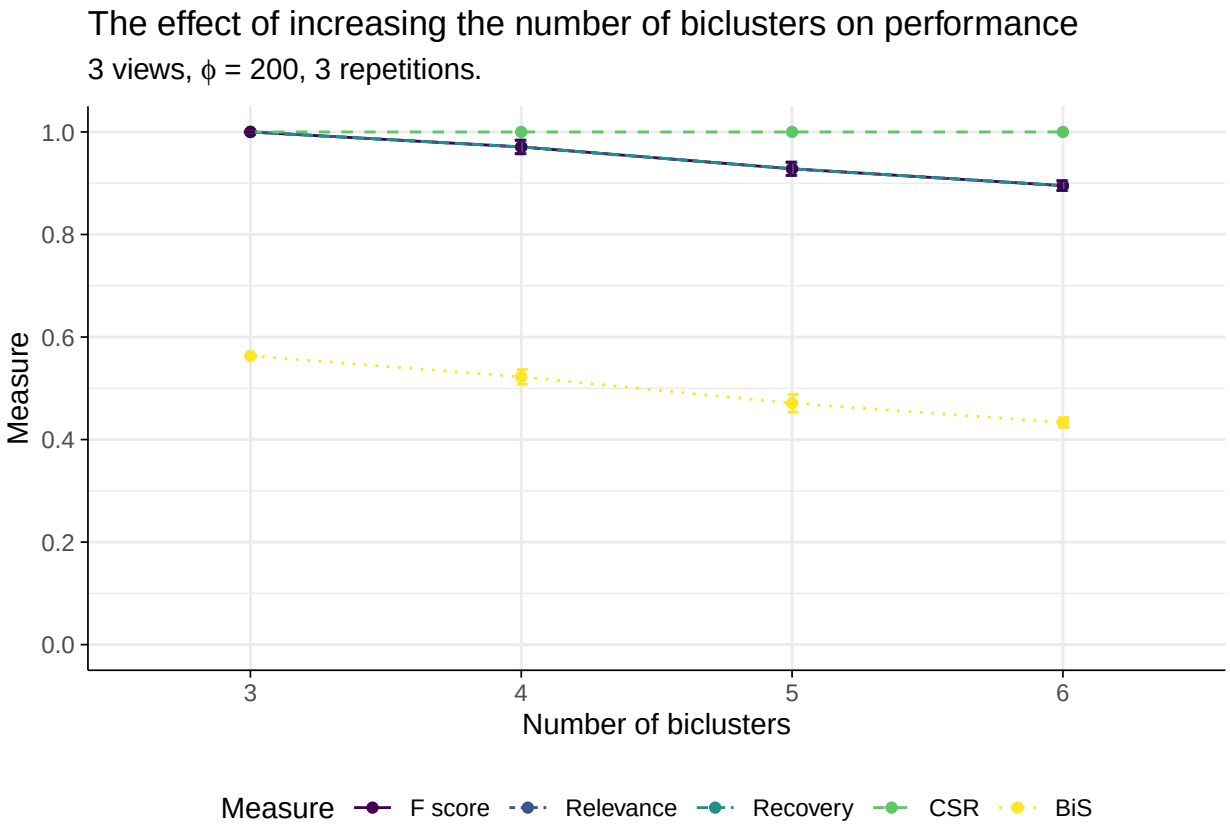

Figure 1: Simulation results for ResNMTF only.

	Number of biclusters			
	3	4	5	6
F score	1.0000 (0.0000)	0.9707 (0.0131)	0.9281 (0.0128)	0.8953 (0.0094)
Relevance	1.0000 (0.0000)	0.9707 (0.0131)	0.9281 (0.0128)	0.8953 (0.0094)
Recovery	1.0000 (0.0000)	0.9707 (0.0131)	0.9281 (0.0128)	0.8953 (0.0094)
CSR	1.0000 (0.0000)	1.0000 (0.0000)	1.0000 (0.0000)	1.0000 (0.0000)
BiS	0.5632 (0.0017)	0.5222 (0.0144)	0.4707 (0.0174)	0.4334 (0.0097)

[a] 3 views, $\phi = 200$, 3 repetitions.

Comparisons

Relevance

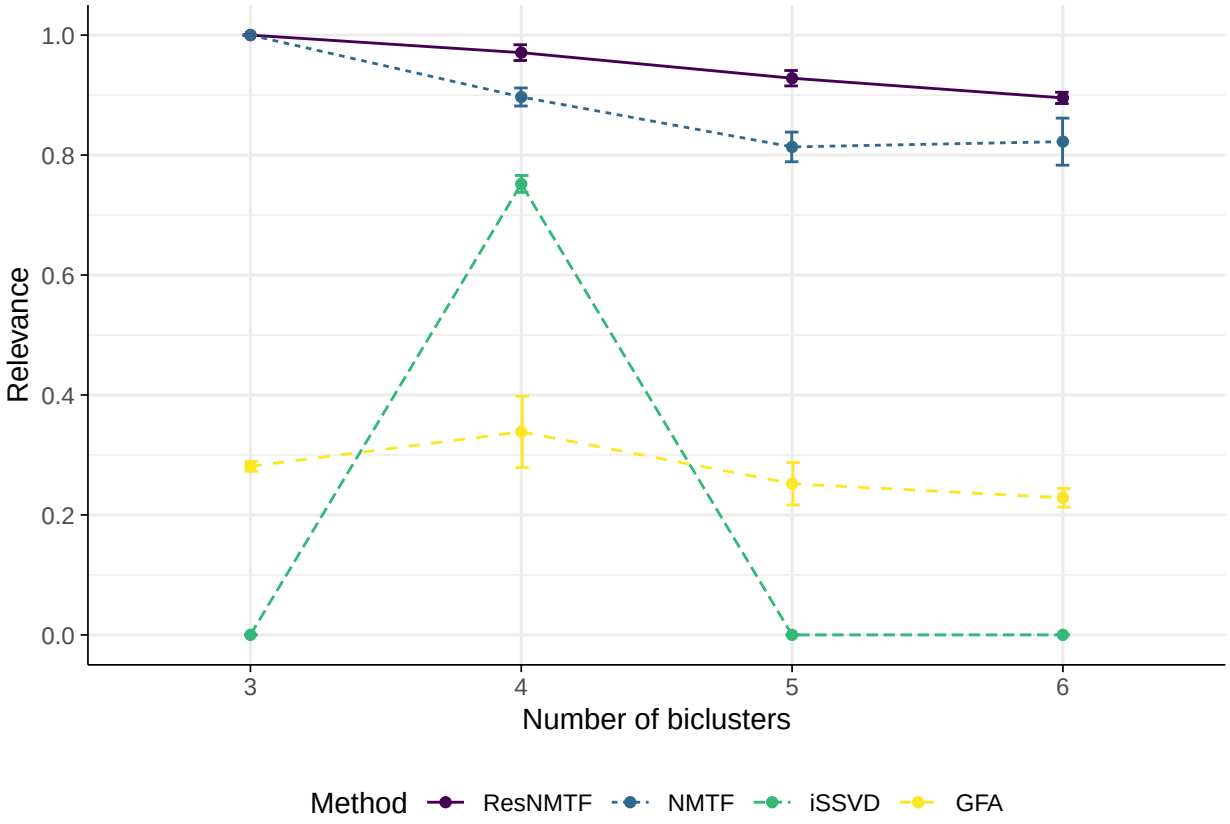

Figure 2: Relevance scores for all methods.

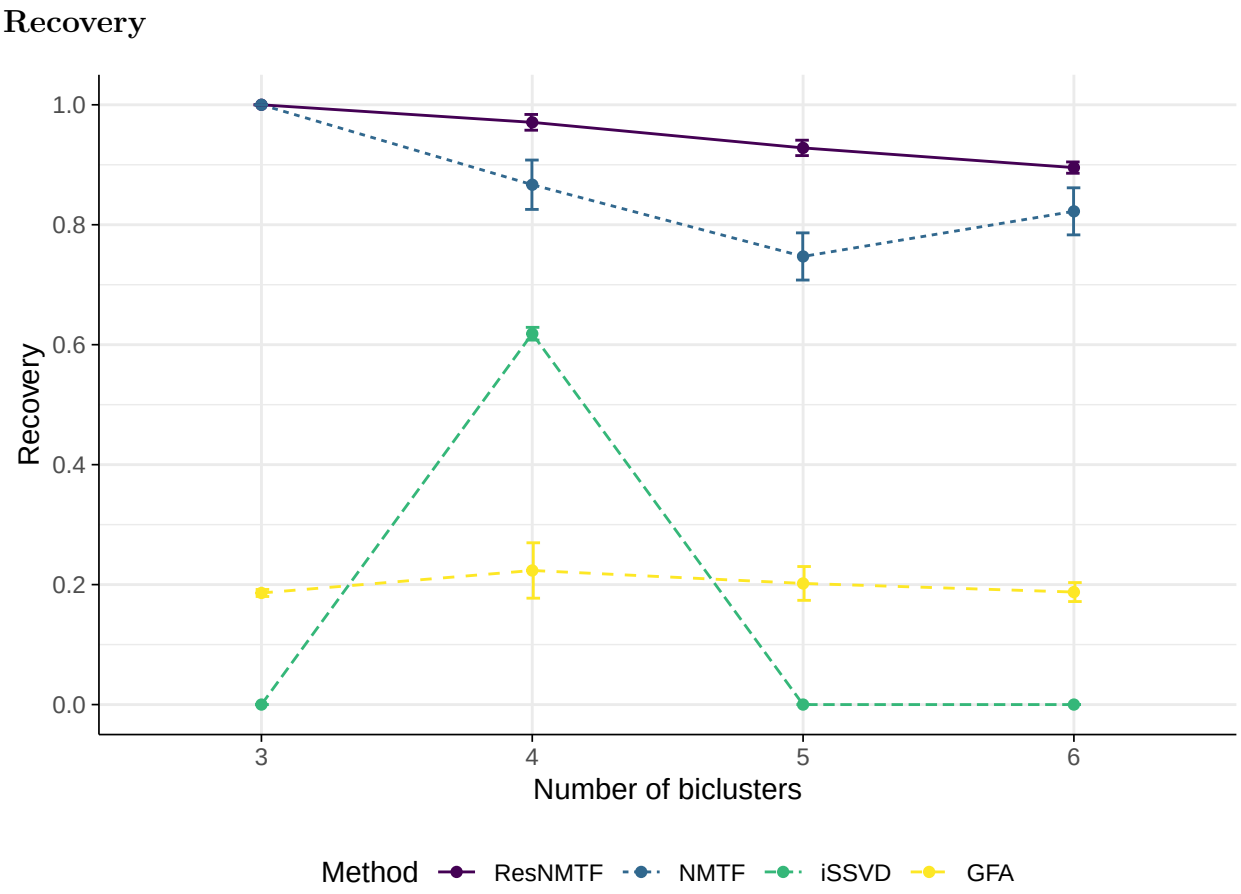

Figure 3: Recovery scores for all methods.

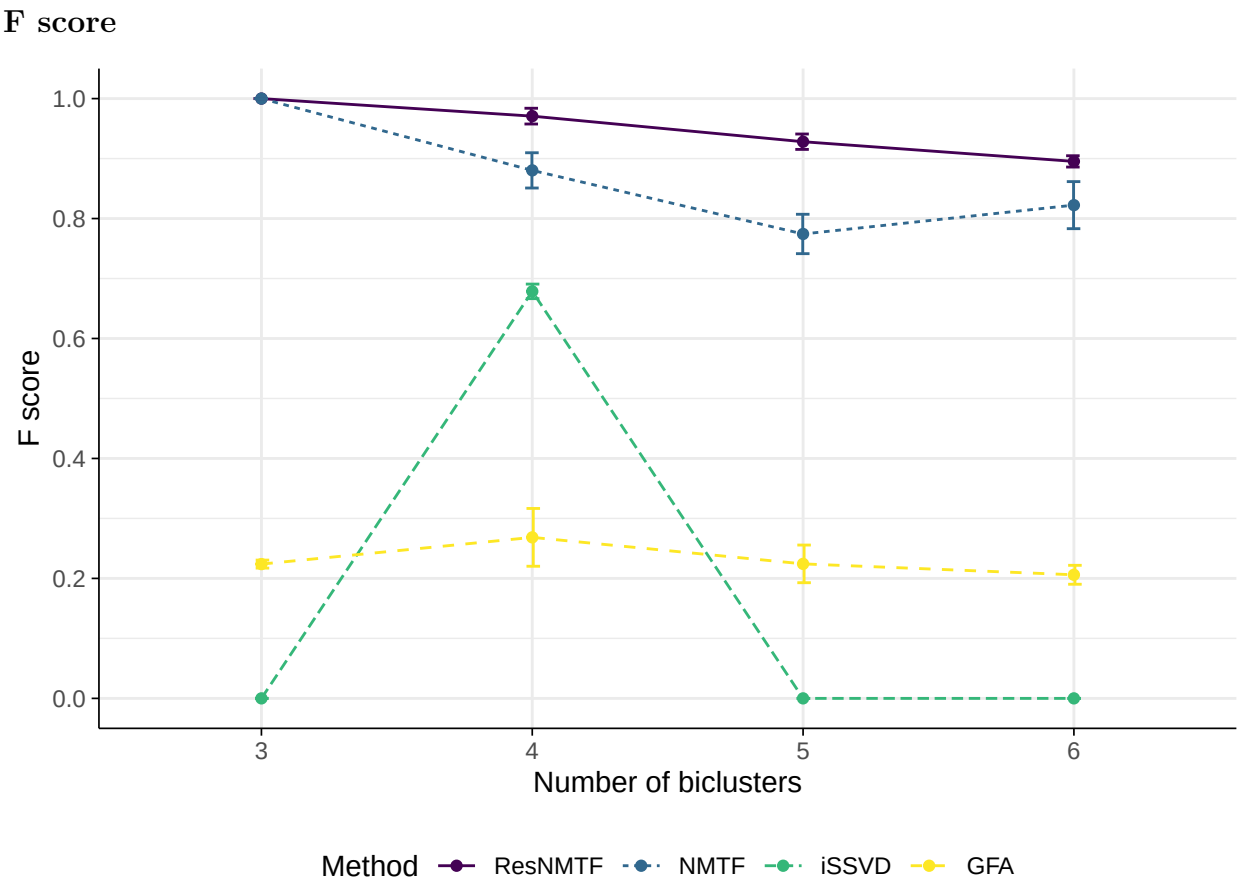

Figure 4: F scores for all methods.

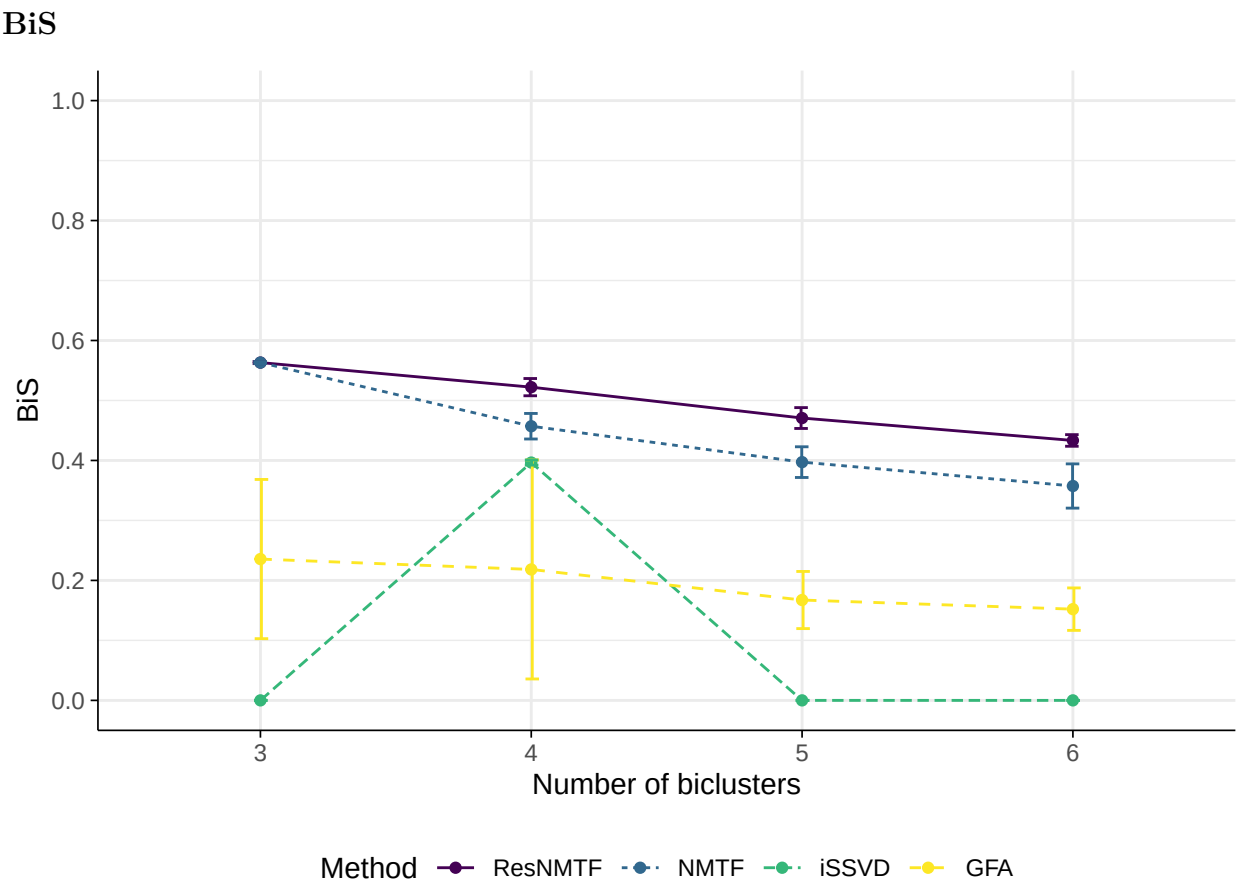

Figure 5: Bisilhouette scores for all methods.

CSR

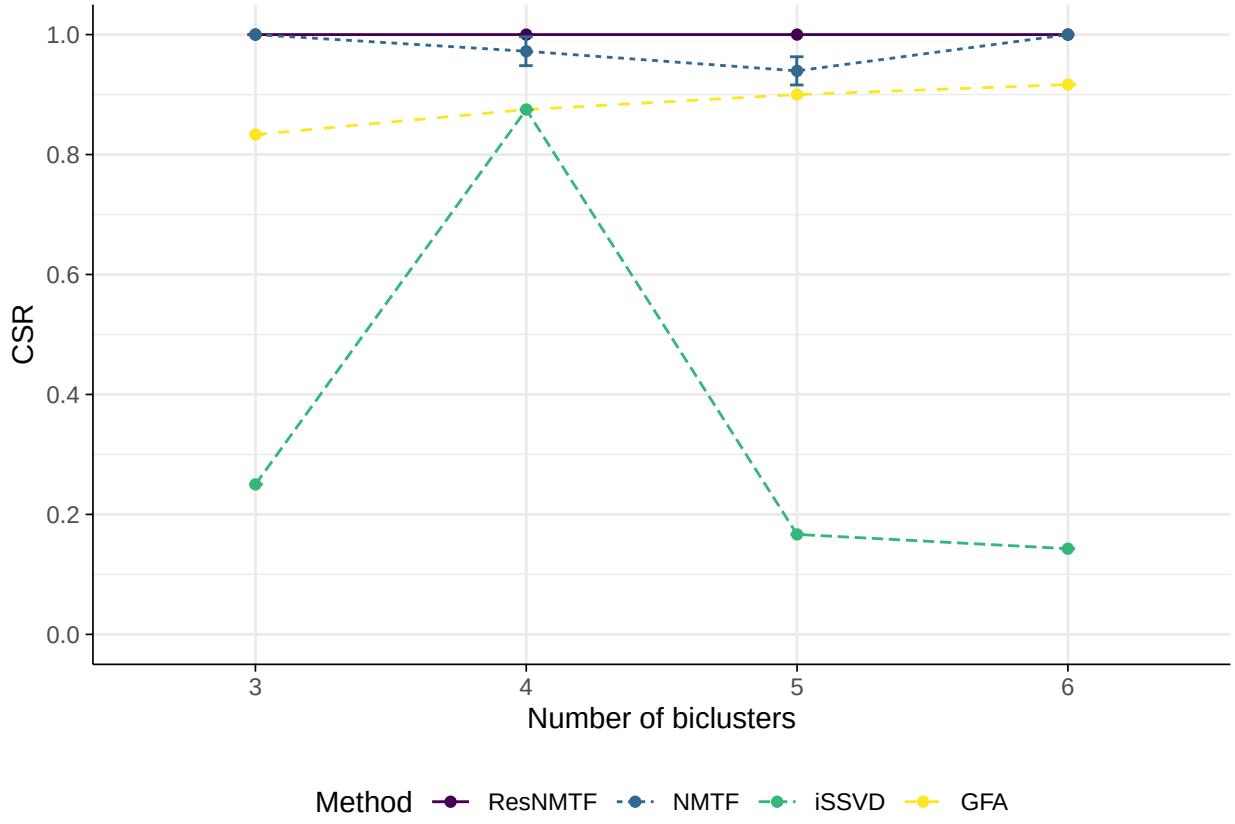

Figure 6: CSR scores for all methods.

Correlation

	BiS	CSR
F score	0.9763607	0.7824842
Relevance	0.9830486	0.8050462
Recovery	0.9692788	0.7649300