

# Simulation results

Ella Orme

## ResNMTF

The effect of increasing the number of biclusters on performance  
3 views,  $\phi = 200$ , 1 repetitions.

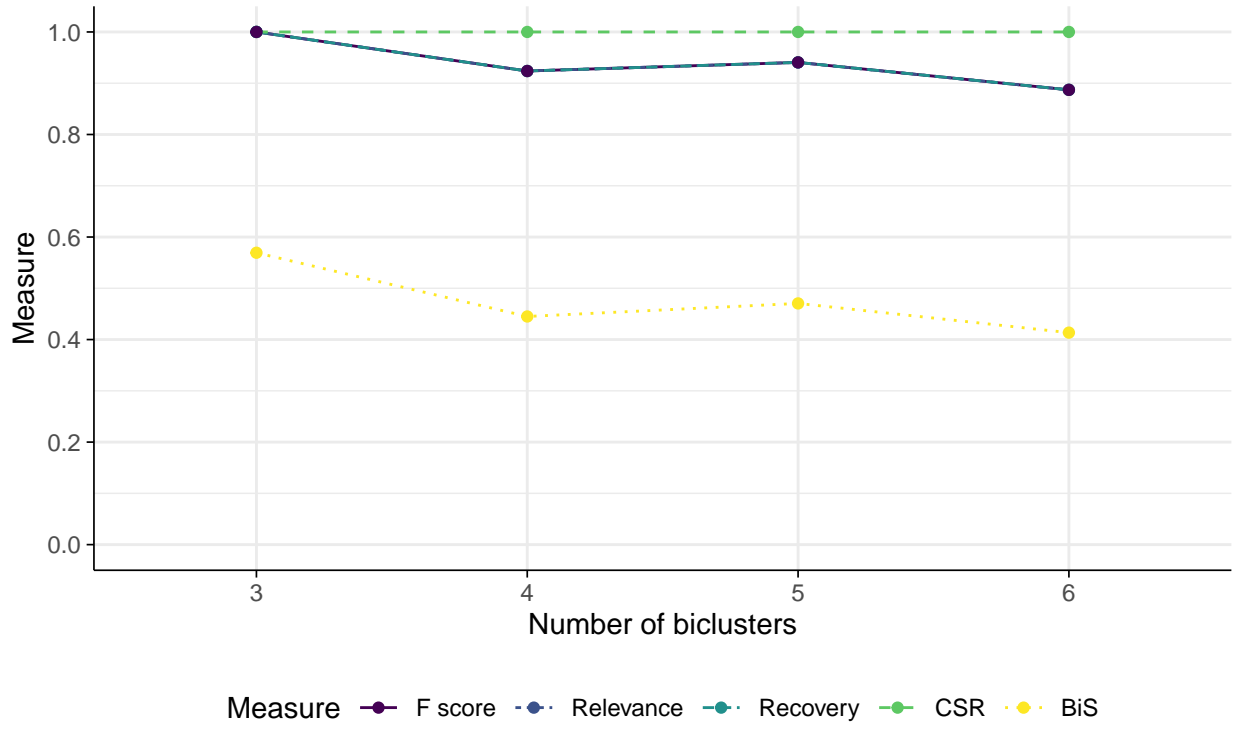


Figure 1: Simulation results for ResNMTF only.

	Number of biclusters			
	3	4	5	6
F score	1.0000 (NA)	0.9238 (NA)	0.9406 (NA)	0.8871 (NA)
Relevance	1.0000 (NA)	0.9238 (NA)	0.9406 (NA)	0.8871 (NA)
Recovery	1.0000 (NA)	0.9238 (NA)	0.9406 (NA)	0.8871 (NA)
CSR	1.0000 (NA)	1.0000 (NA)	1.0000 (NA)	1.0000 (NA)
BiS	0.5693 (NA)	0.4450 (NA)	0.4705 (NA)	0.4135 (NA)

<sup>a</sup> 3 views,  $\phi = 200$ , 1 repetitions.

## Comparisons

Relevance

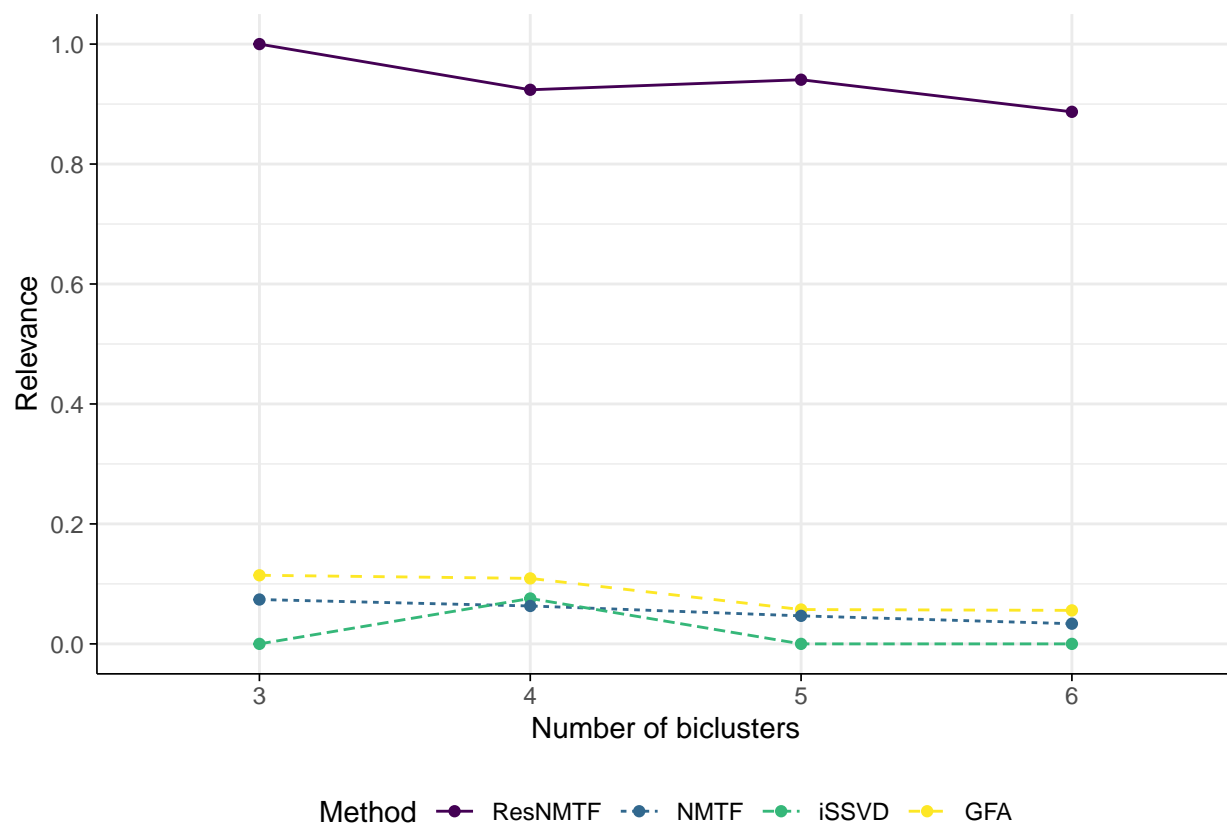


Figure 2: Relevance scores for all methods.

## Recovery

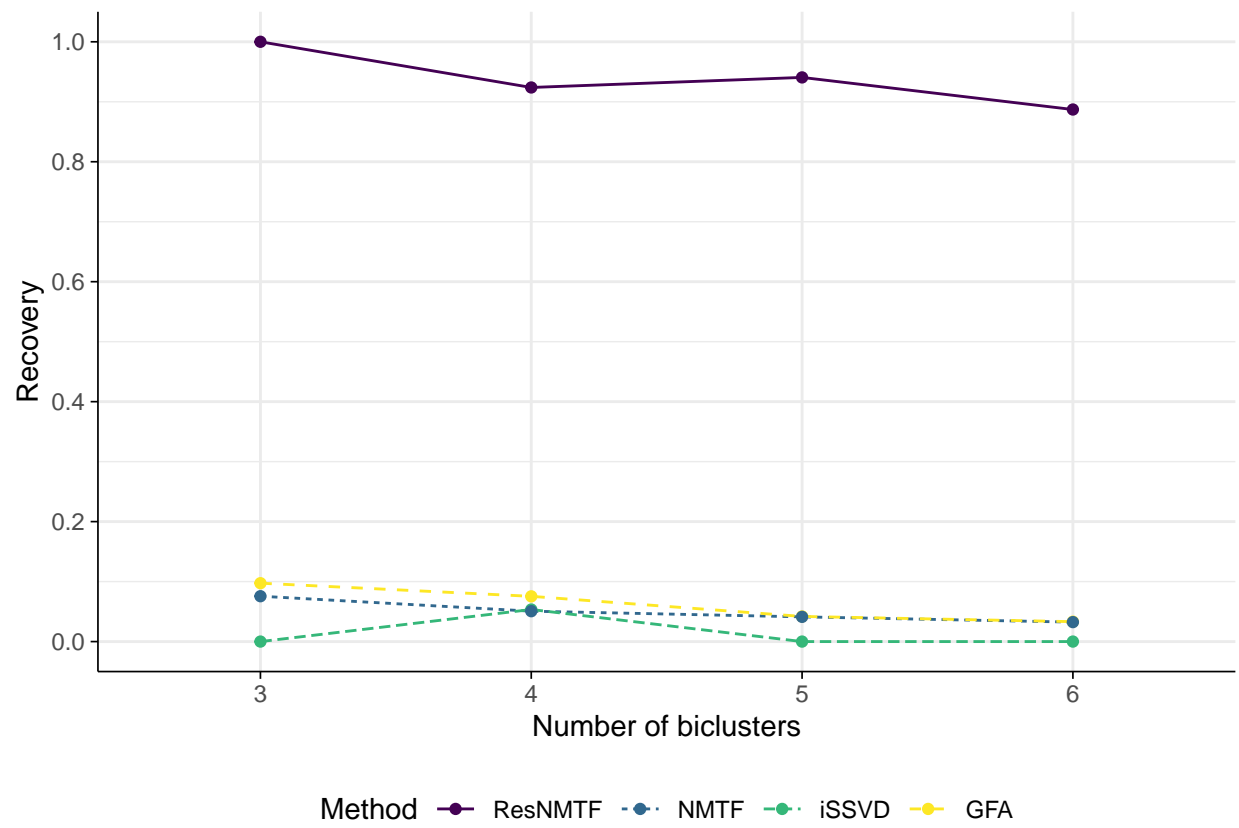


Figure 3: Recovery scores for all methods.

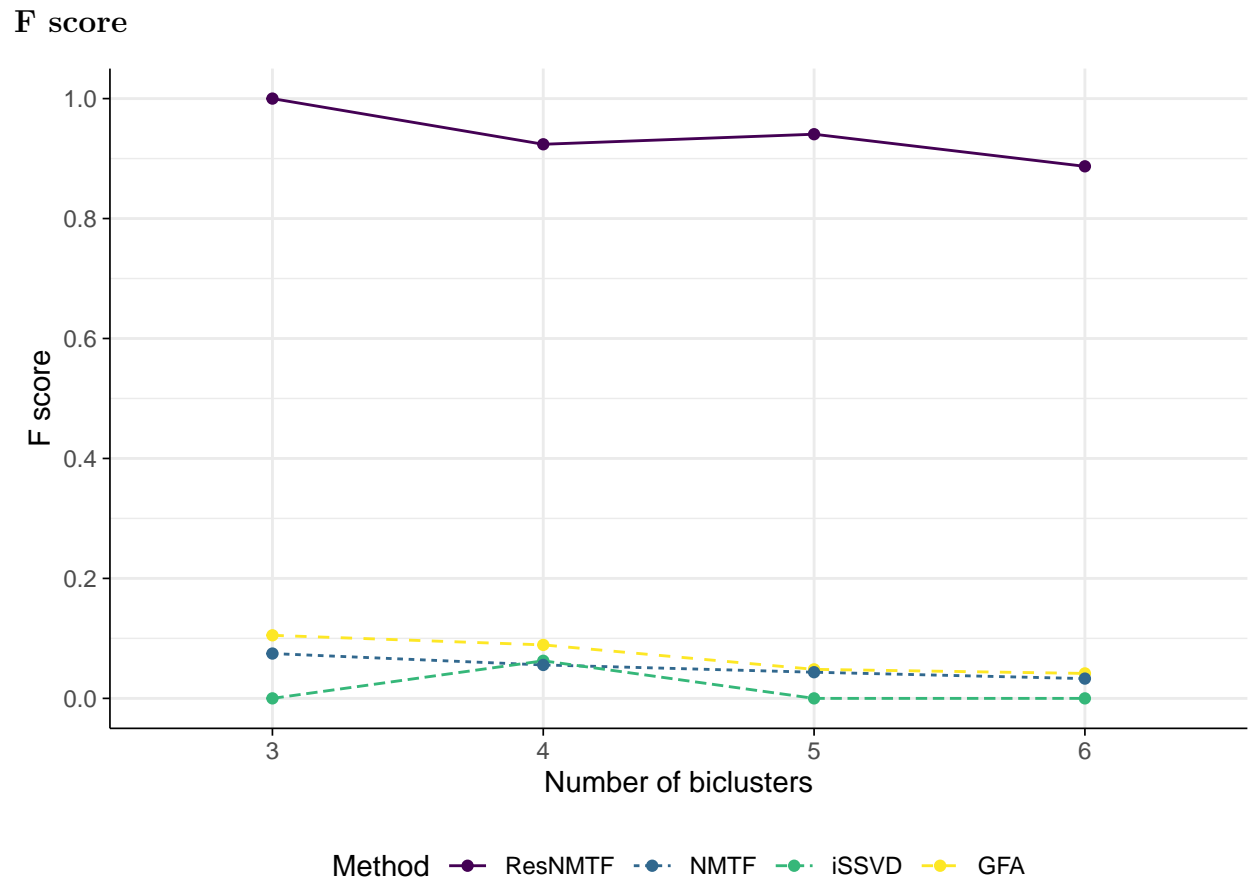


Figure 4: F scores for all methods.

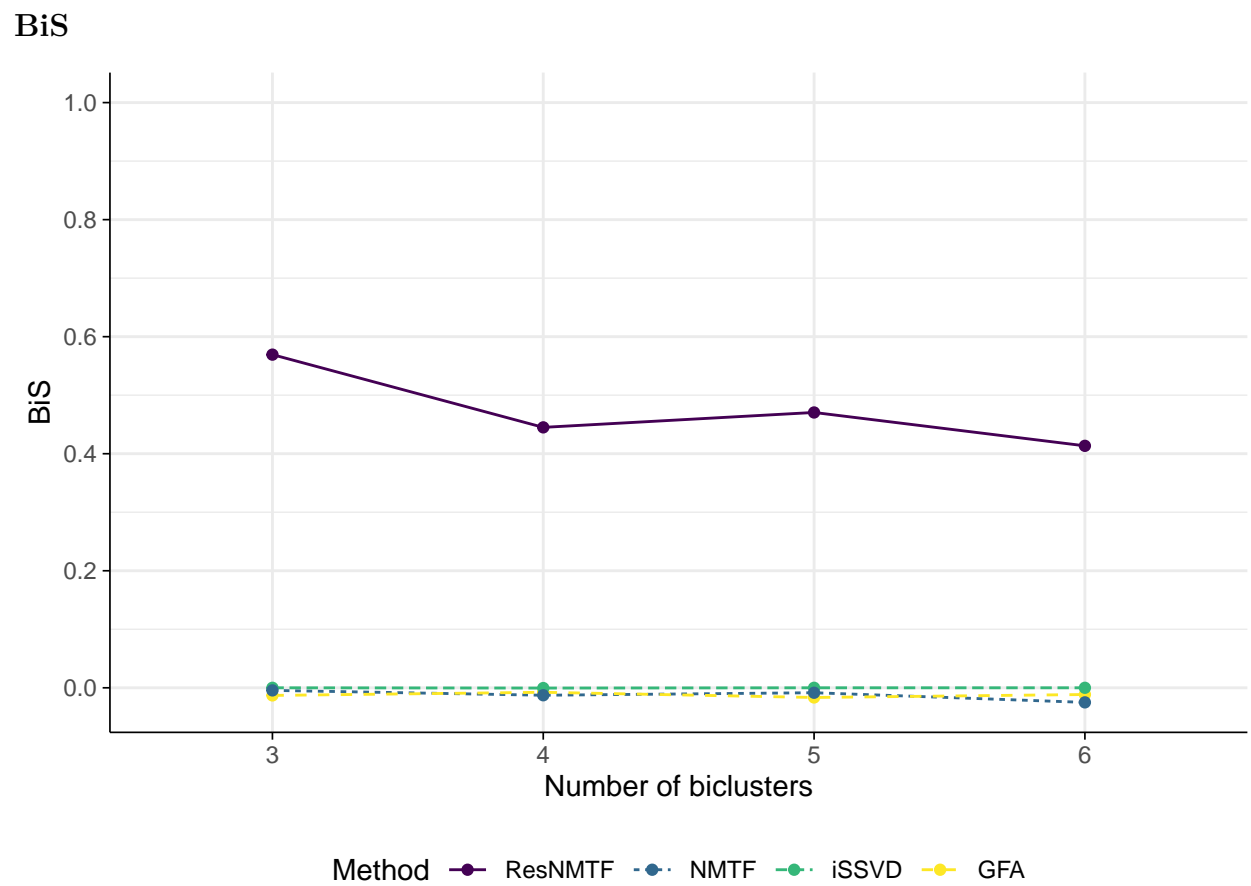


Figure 5: Bisilhouette scores for all methods.

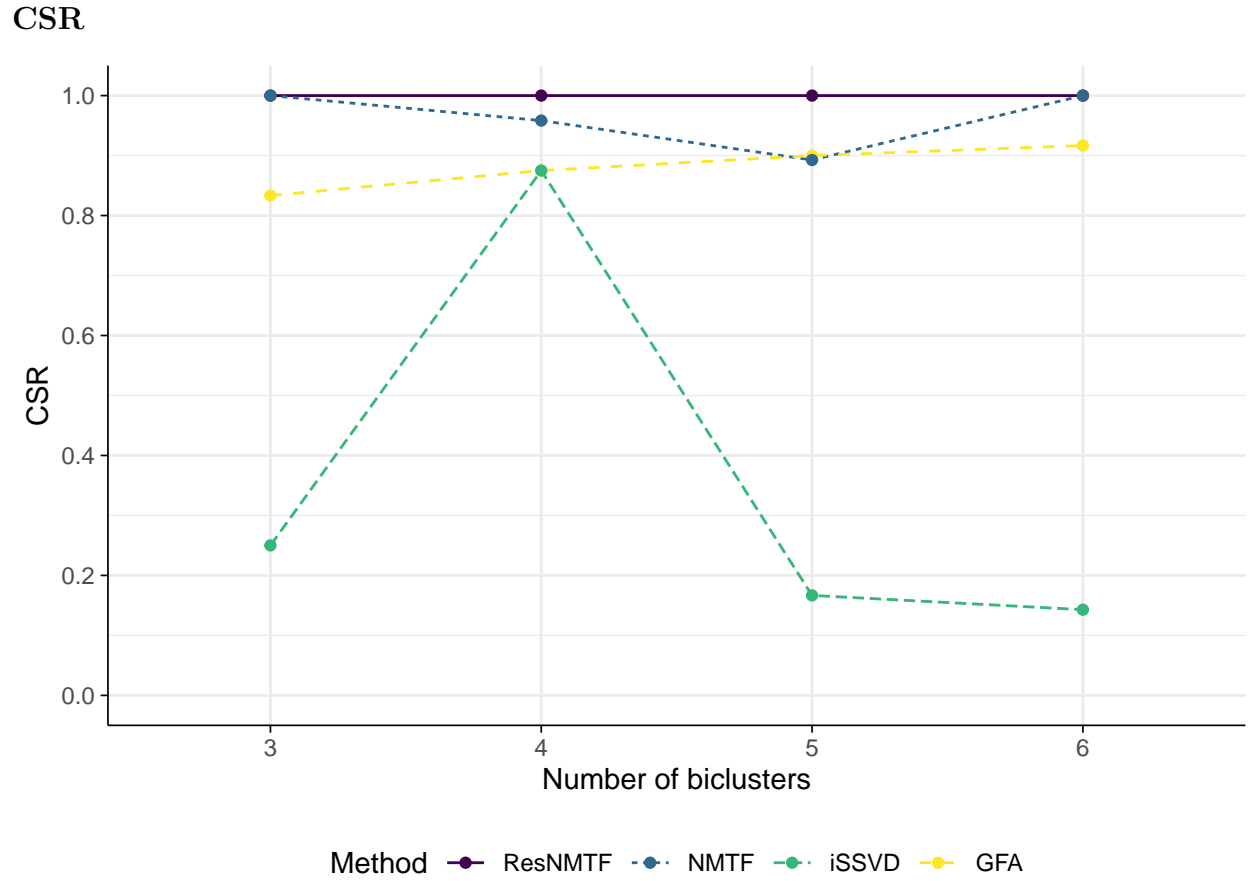


Figure 6: CSR scores for all methods.

## Correlation

	BiS	CSR
F score	0.9922912	0.4325860
Relevance	0.9914263	0.4389311
Recovery	0.9927888	0.4282469