NMF Rank Survey dispersion cophenetic evar 1.0 0.95 0.75 8.0 0.90 0.50 -0.6 0.85 0.25 0.4 -0.80 0.2 0.75 2 3 4 5 6 7 8 910 2 3 4 5 6 7 8 9 1 0 2345678910 residuals silhouette rss 1.00 6e+07 30000 0.75 4e+07 -20000 -0.50 2e+07 -10000 -0.25 0e+00 2 3 4 5 6 7 8 910 2 3 4 5 6 7 8 910 4 5 6 7 8 9 1 0 sparseness 0.8 -0.7 0.6 0.5 0.4 0.3

Data

Observed

Measure type

Basis

Best fit

Coefficients

Consensus

Randomised

Factorization rank

2345678910