## NMF rank survey cophenetic dispersion evar 1.0 1.00 0.989 -0.95 0.9 0.988 -0.90 -8.0 0.987 0.85 0.7 3 3 5 5 6 5 4 3 4 6 residuals silhouette rss 40000 1.0 -750000 -8.0 37500 Measure type Basis 700000 - Best fit 0.6 35000 -Coefficients Consensus 650000 -0.4 32500 -600000 5 sparseness 0.12 0.10 0.08 0.06 0.04

Factorization rank