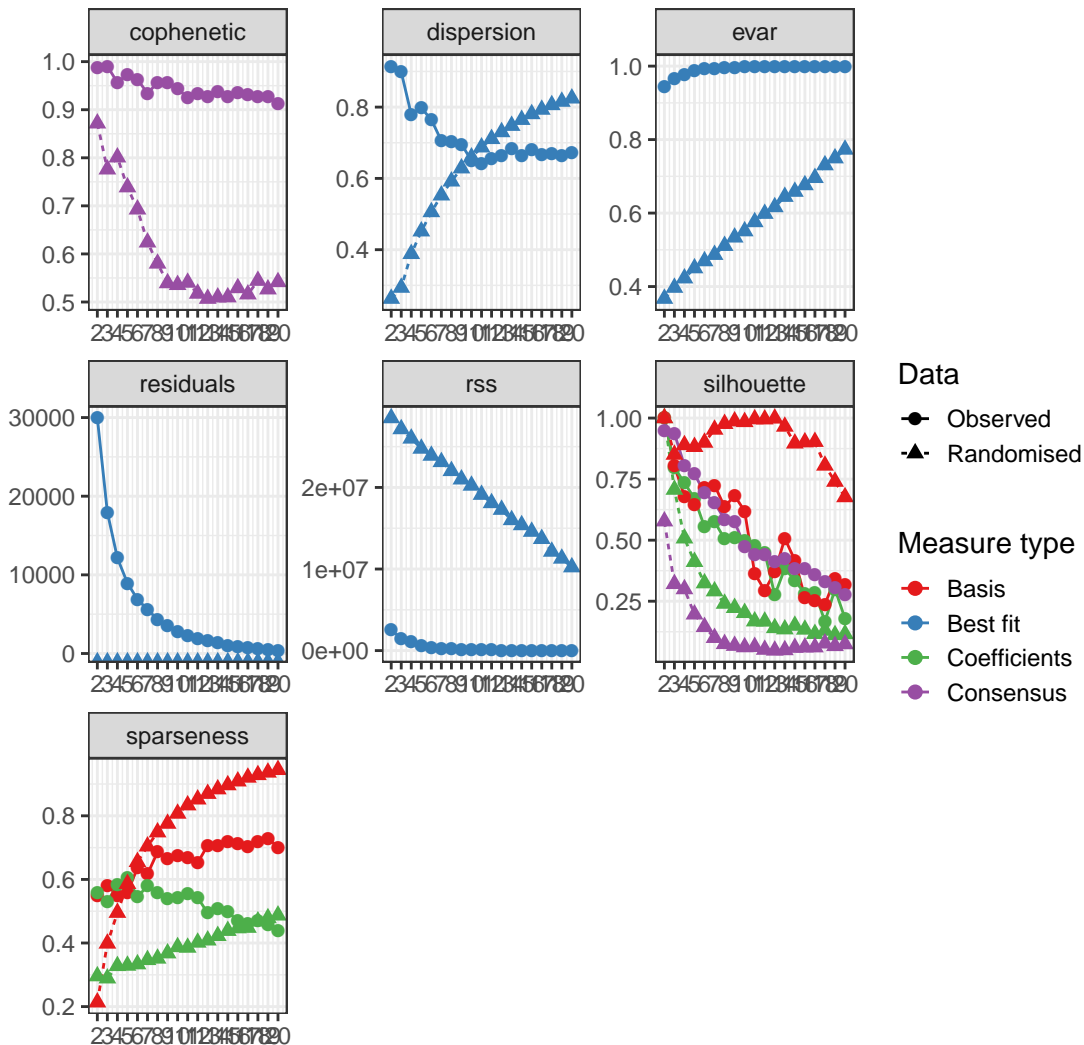NMF Rank Survey