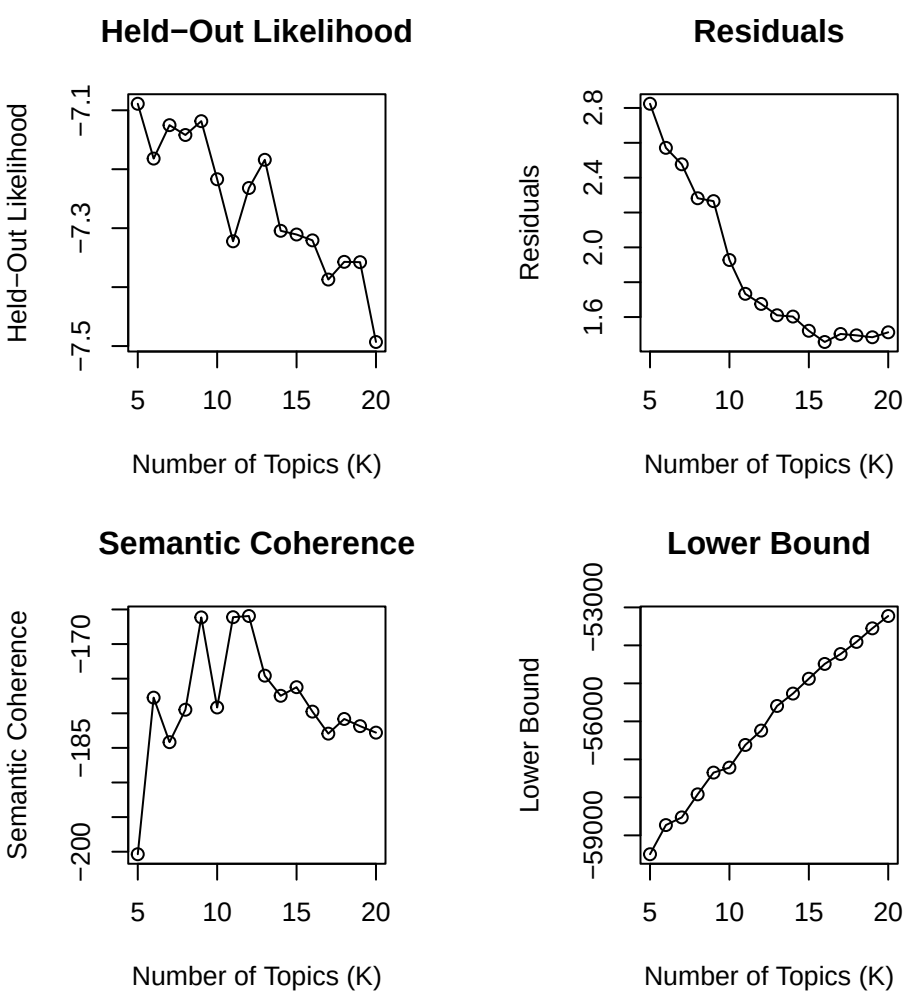
Diagnostic Values by Number of Topics
Held−Out Likelihood
Held−Out Likelihood
−7.1
−7.3
−7.5
5
10
15
20
Number of Topics (K)
Residuals
Residuals
2.8
2.4
2.0
1.6
5
10
15
20
Number of Topics (K)
Semantic Coherence
Semantic Coherence
−170
−185
−200
5
10
15
20
Number of Topics (K)
Lower Bound
Lower Bound
−53000
−56000
−59000
5
10
15
20
Number of Topics (K)