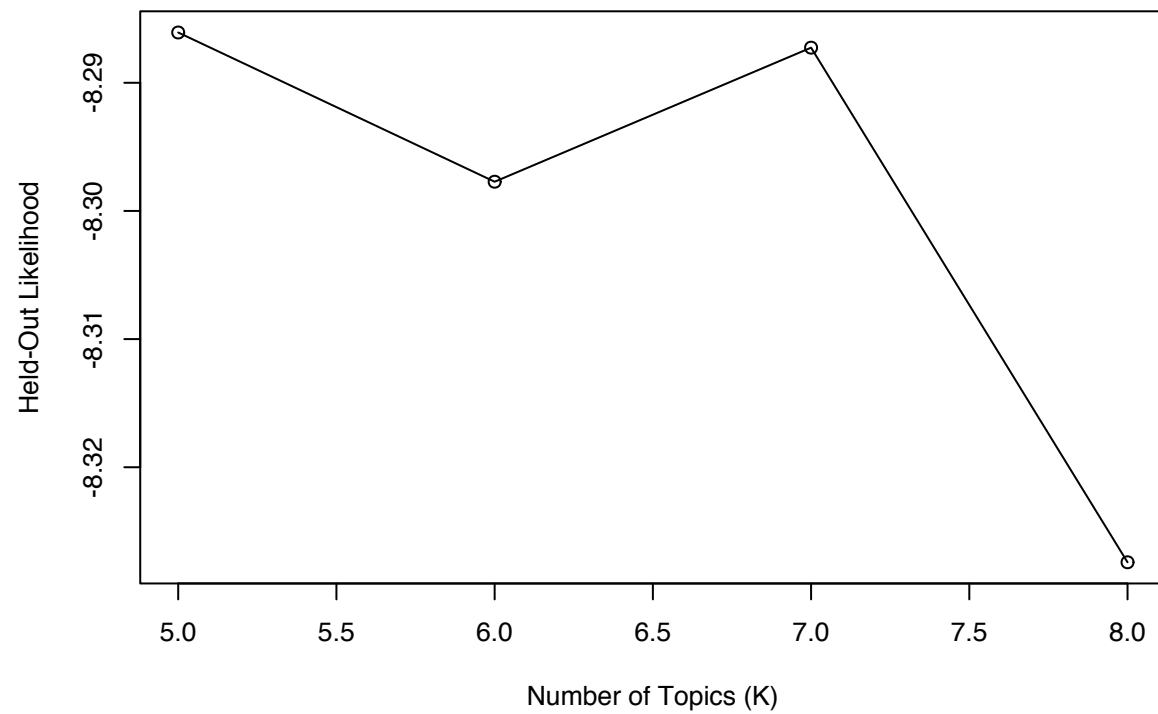
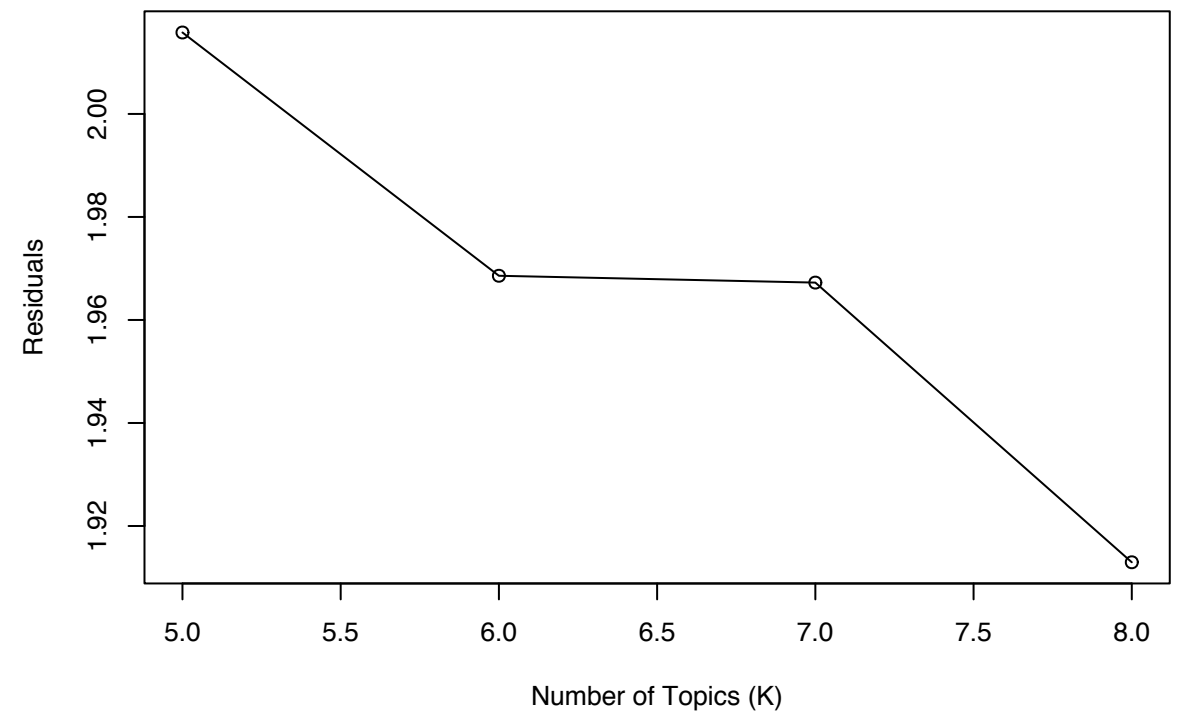


## Diagnostic Values by Number of Topics

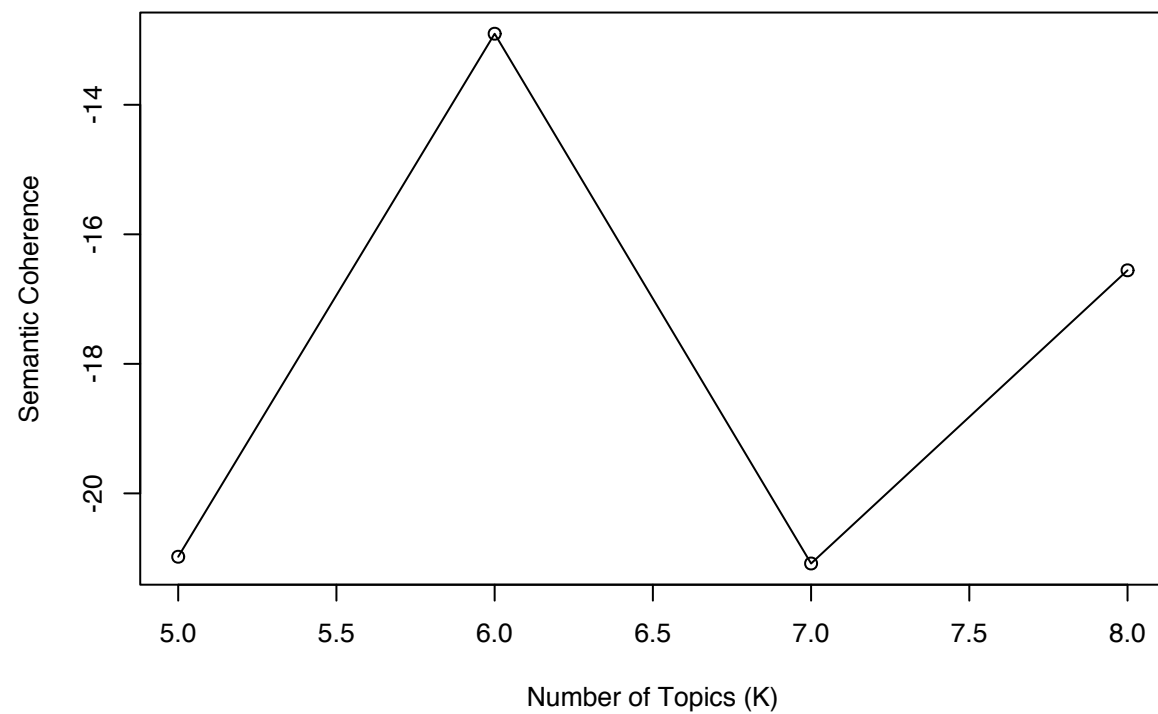
### Held-Out Likelihood



### Residuals



### Semantic Coherence



### Lower Bound

