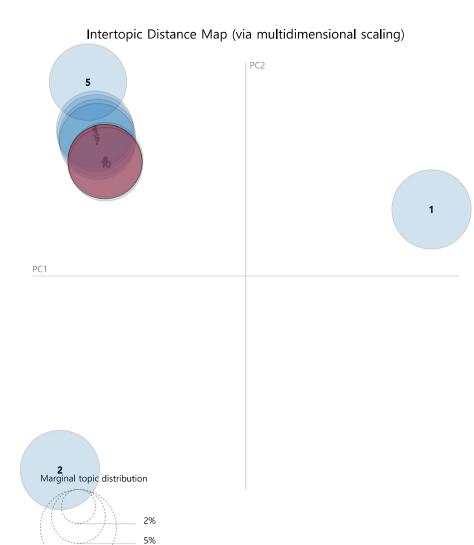
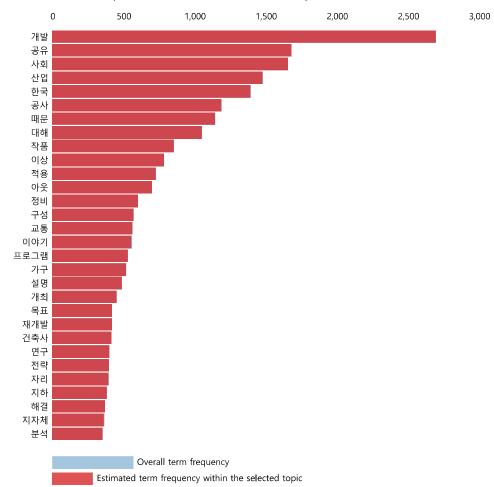
Selected Topic: 9 Previous Topic Next Topic Clear Topic



Slide to adjust relevance metric:(2)  $\lambda = 1 \qquad 0.0 \quad 0.2 \quad 0.4 \quad 0.6 \quad 0.8 \quad 1.0$ 

## Top-30 Most Relevant Terms for Topic 9 (9.4% of tokens)



1. saliency(term w) = frequency(w) \* [sum\_t p(t | w) \* log(p(t | w)/p(t))] for topics t; see Chuang et. al (2012)

2. relevance(term w | topic t) =  $\lambda * p(w | t) + (1 - \lambda) * p(w | t)/p(w)$ ; see Sievert & Shirley (2014)

10%