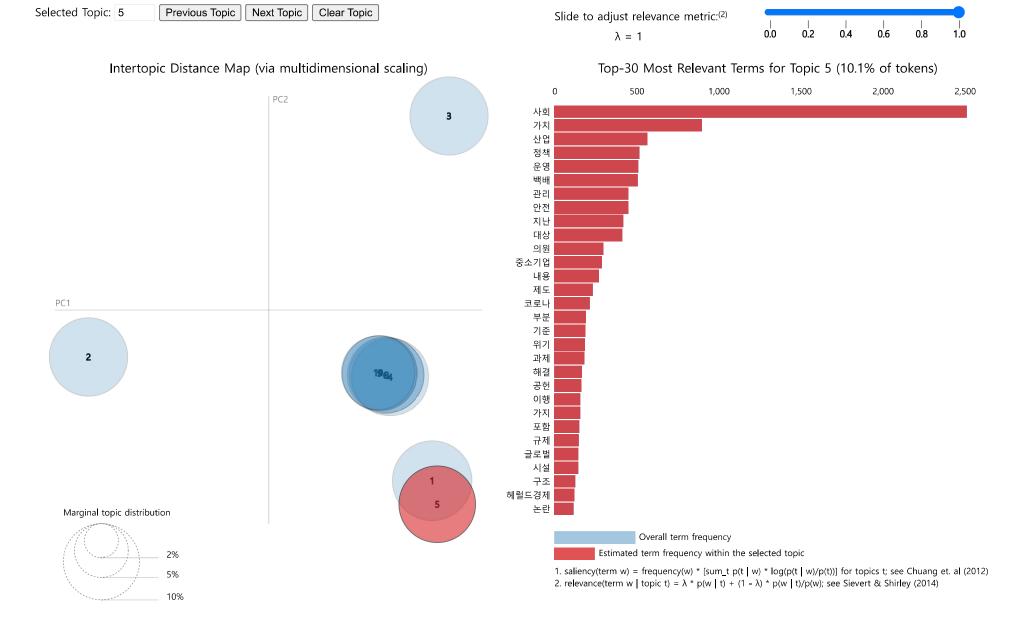
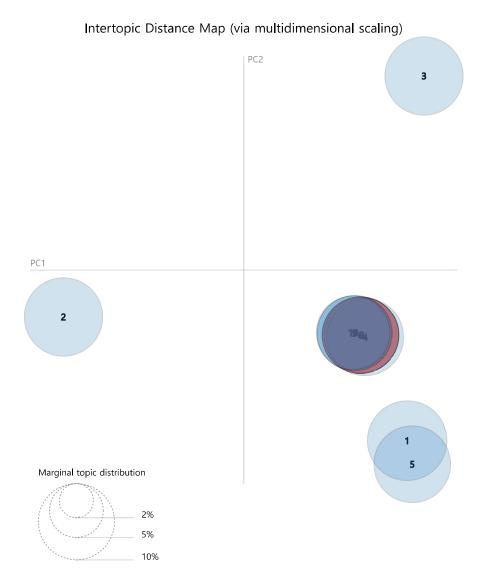


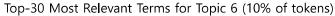
- 1. saliency(term w) = frequency(w) * [sum_t p(t | w) * log(p(t | w)/p(t))] for topics t; see Chuang et. al (2012)
- 2. relevance(term w | topic t) = $\lambda * p(w | t) + (1 \lambda) * p(w | t)/p(w)$; see Sievert & Shirley (2014)

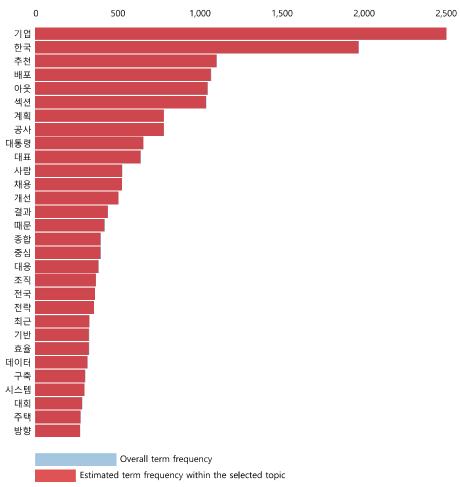


Selected Topic: 6 Previous Topic Next Topic Clear Topic



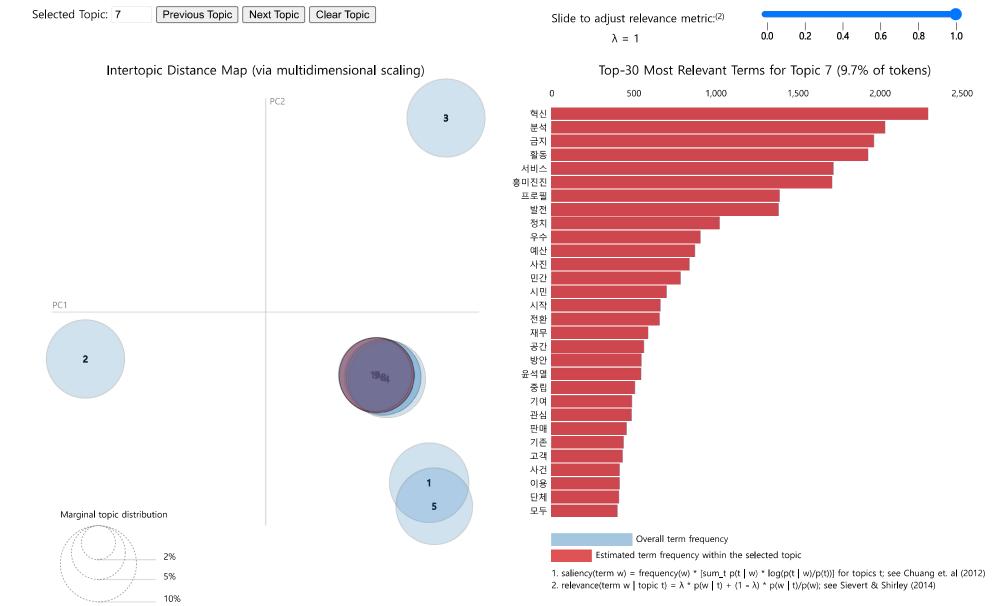
Slide to adjust relevance metric:(2) $\lambda = 1 \qquad 0.0 \quad 0.2 \quad 0.4 \quad 0.6 \quad 0.8 \quad 1.0$



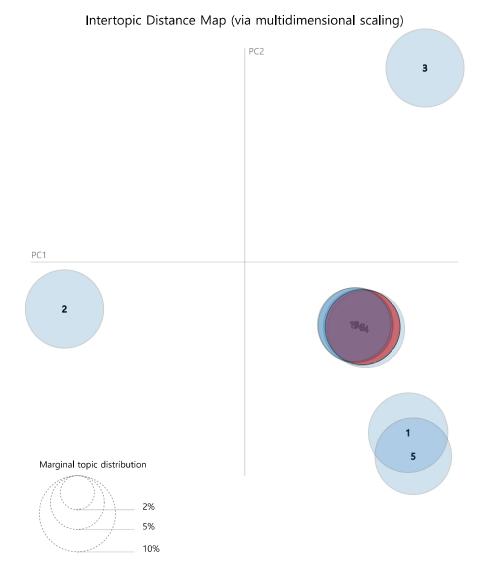


1. saliency(term w) = frequency(w) * [sum_t p(t | w) * log(p(t | w)/p(t))] for topics t; see Chuang et. al (2012)

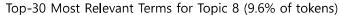
2. relevance(term w | topic t) = $\lambda * p(w | t) + (1 - \lambda) * p(w | t)/p(w)$; see Sievert & Shirley (2014)

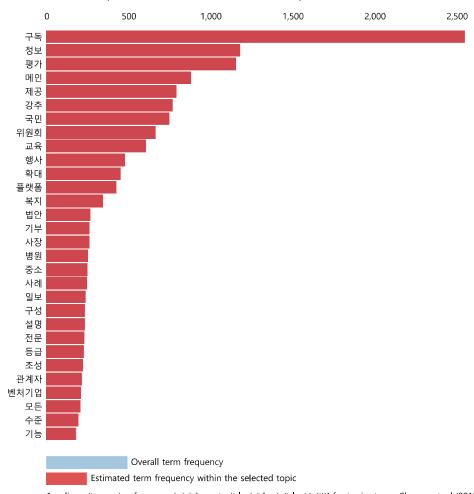


Selected Topic: 8 Previous Topic Next Topic Clear Topic



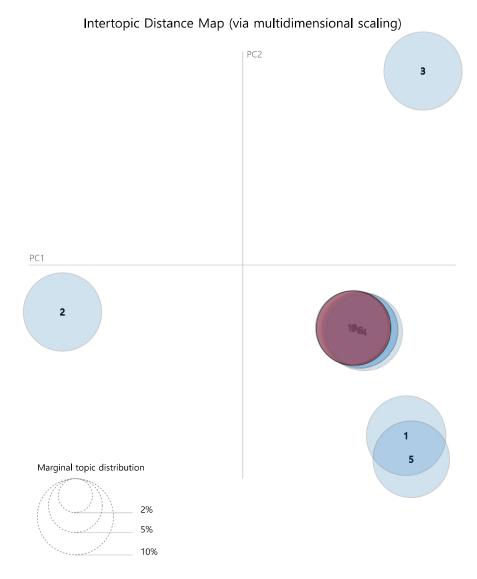




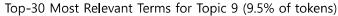


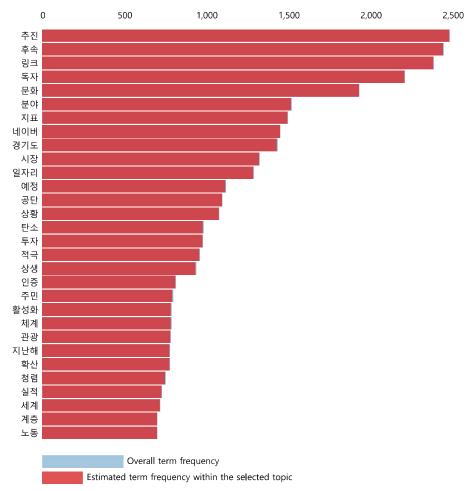
- 1. saliency(term w) = frequency(w) * [sum_t p(t | w) * log(p(t | w)/p(t))] for topics t; see Chuang et. al (2012)
- 2. relevance(term w | topic t) = $\lambda * p(w | t) + (1 \lambda) * p(w | t)/p(w)$; see Sievert & Shirley (2014)



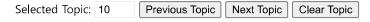


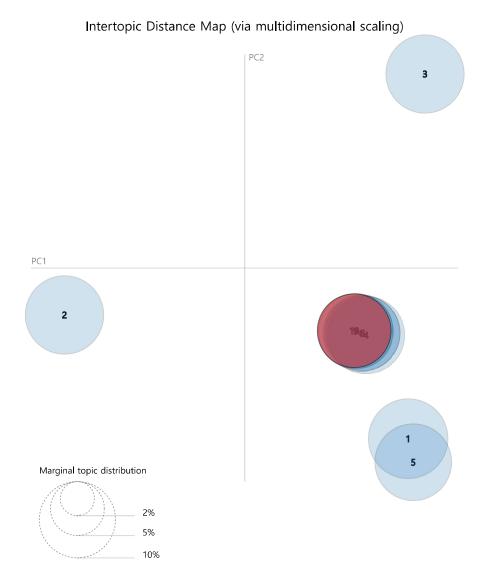




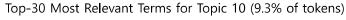


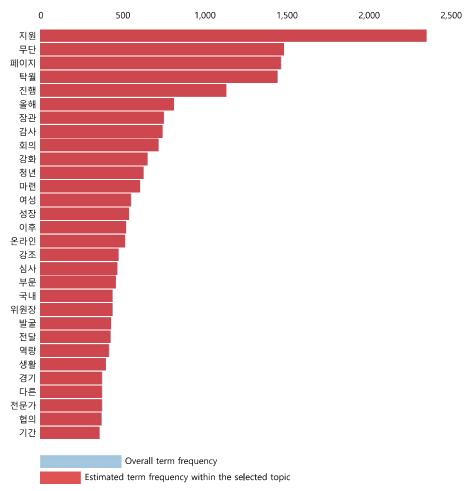
- 1. saliency(term w) = frequency(w) * [sum_t p(t | w) * log(p(t | w)/p(t))] for topics t; see Chuang et. al (2012)
- 2. relevance(term w | topic t) = $\lambda * p(w | t) + (1 \lambda) * p(w | t)/p(w)$; see Sievert & Shirley (2014)











- 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)