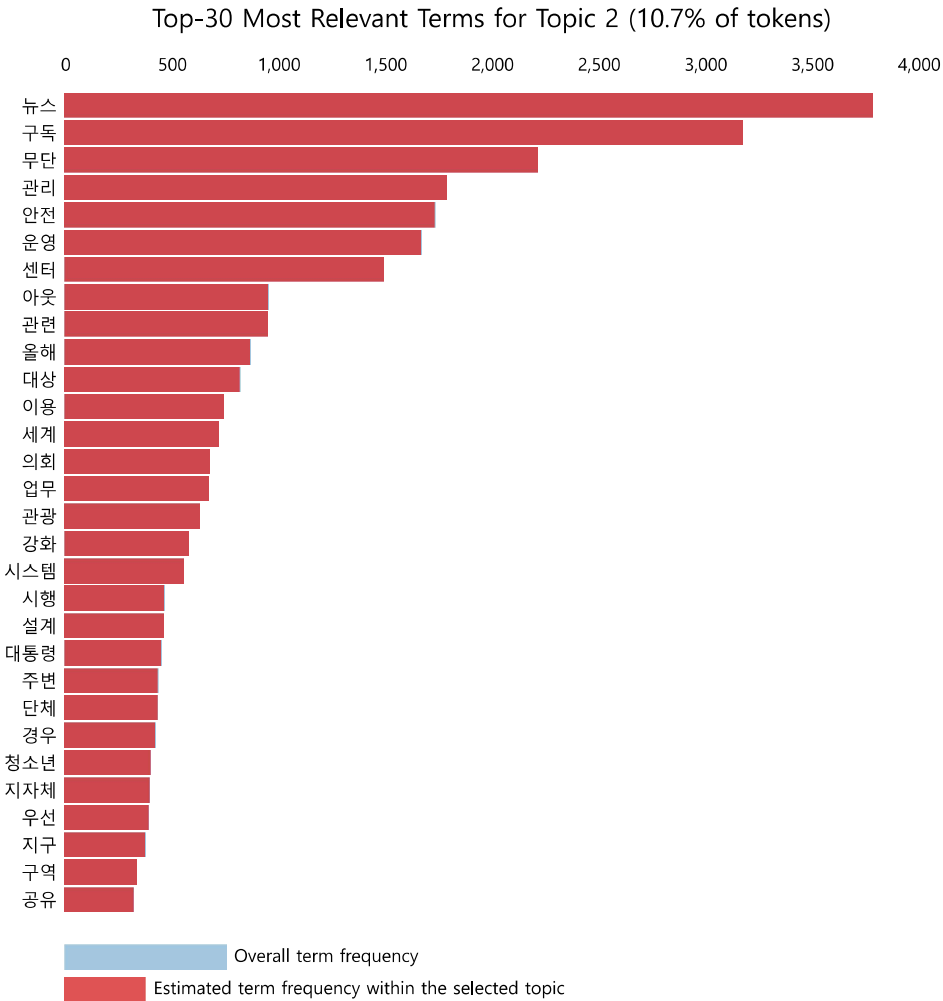
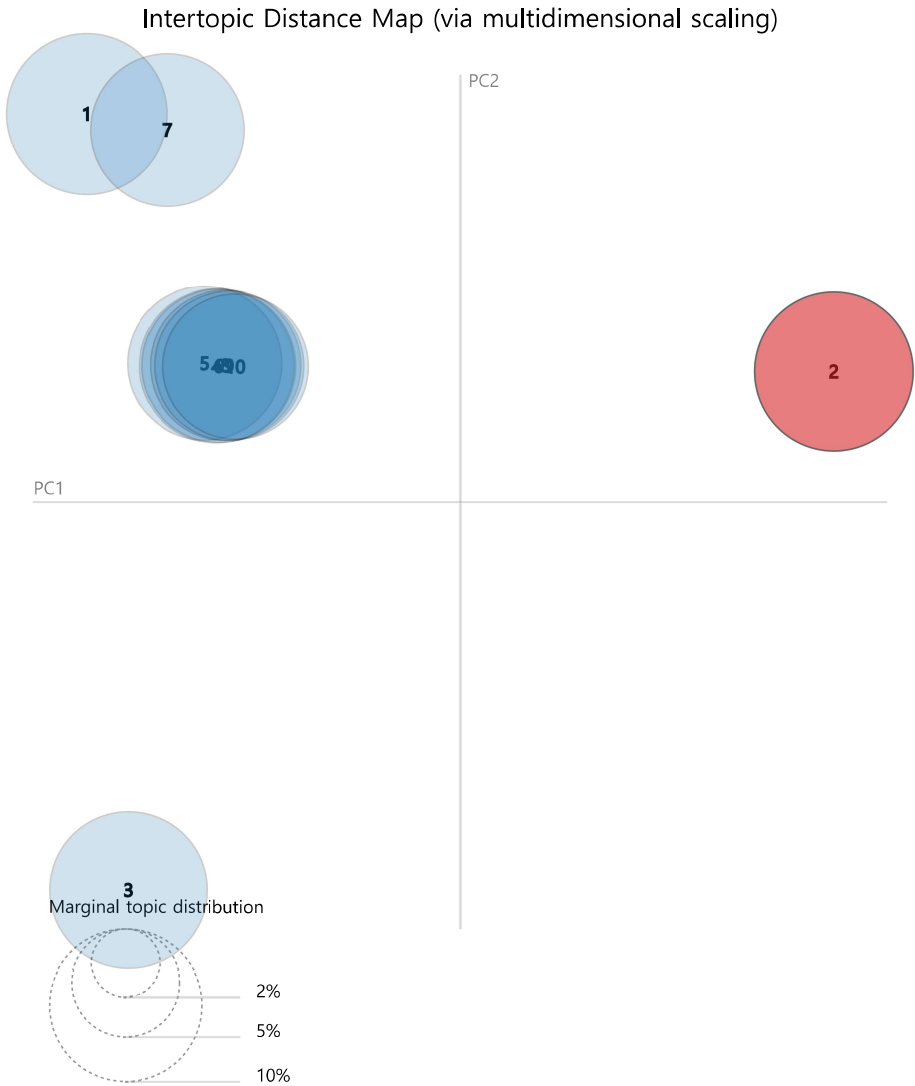
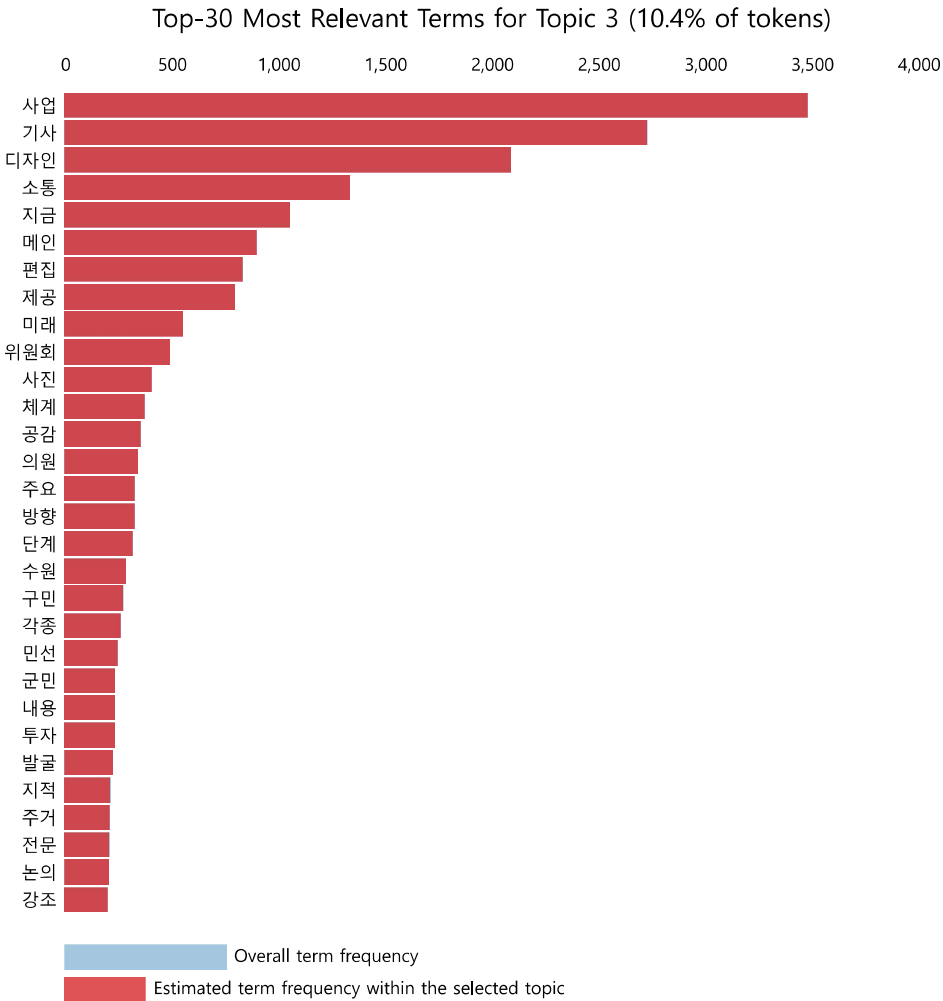
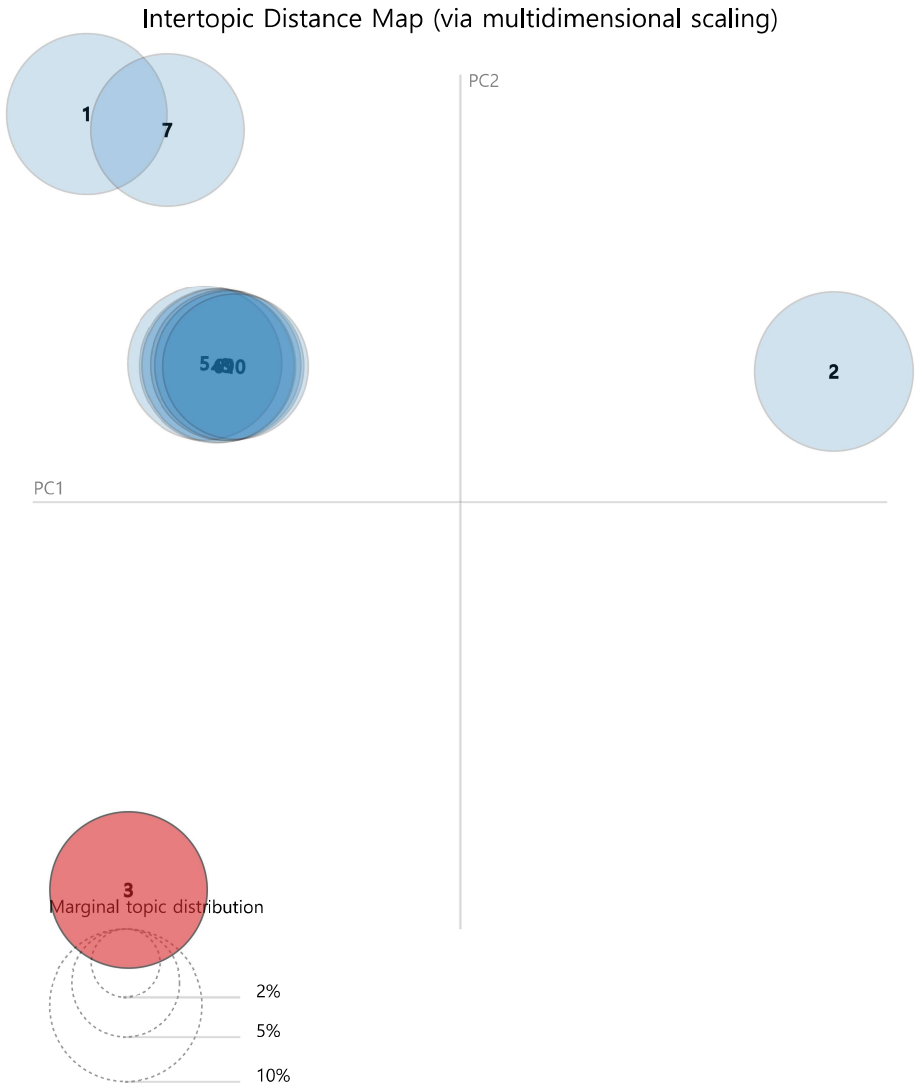


Selected Topic: 2   Previous Topic   Next Topic   Clear Topic



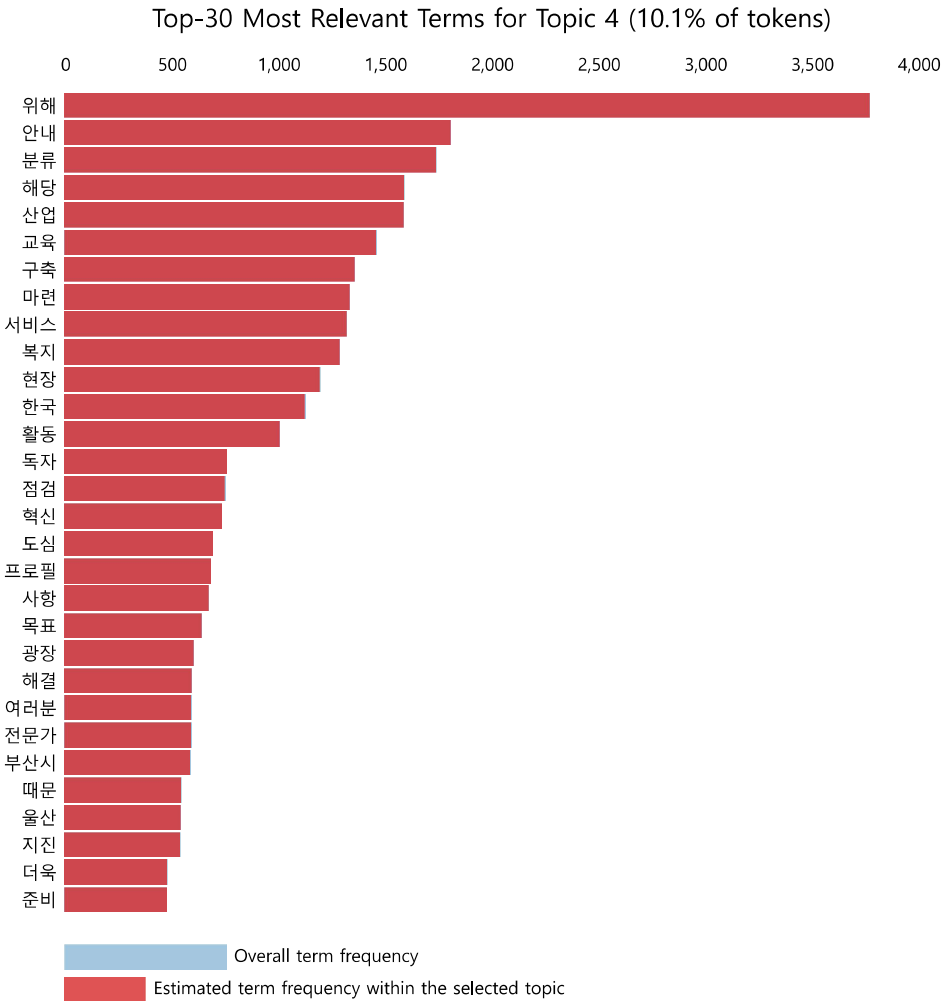
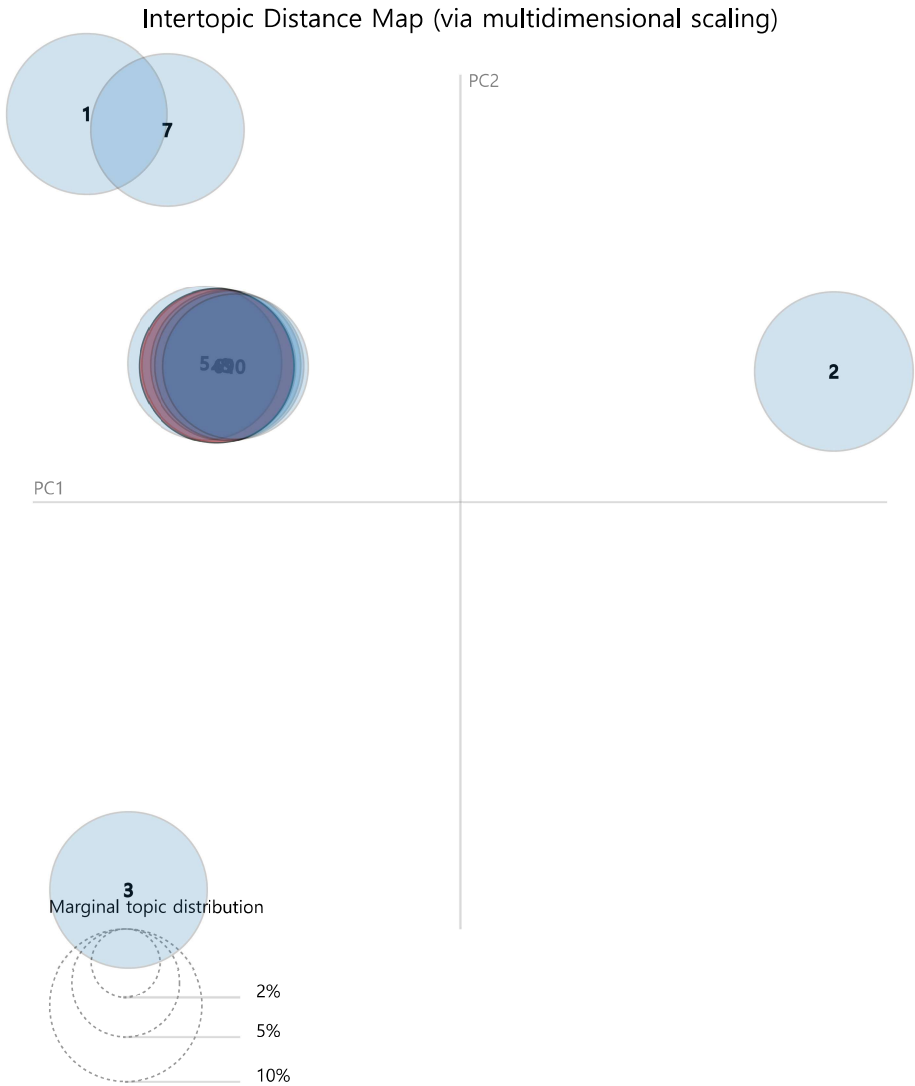
1. saliency(term w) = frequency(w) \* [sum\_t p(t | w) \* log(p(t | w)/p(t))] for topics t; see Chuang et. al (2012)  
2. relevance(term w | topic t) =  $\lambda * p(w | t) + (1 - \lambda) * p(w | t)/p(w)$ ; see Sievert & Shirley (2014)

Selected Topic: 3   Previous Topic   Next Topic   Clear Topic



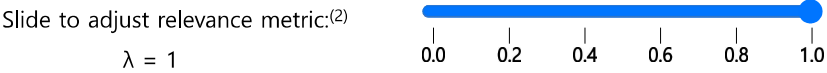
1. saliency(term w) = frequency(w) \* [sum\_t p(t | w) \* log(p(t | w)/p(t))]] for topics t; see Chuang et. al (2012)  
2. relevance(term w | topic t) =  $\lambda * p(w | t) + (1 - \lambda) * p(w | t)/p(w)$ ; see Sievert & Shirley (2014)

Selected Topic: 4   Previous Topic   Next Topic   Clear Topic

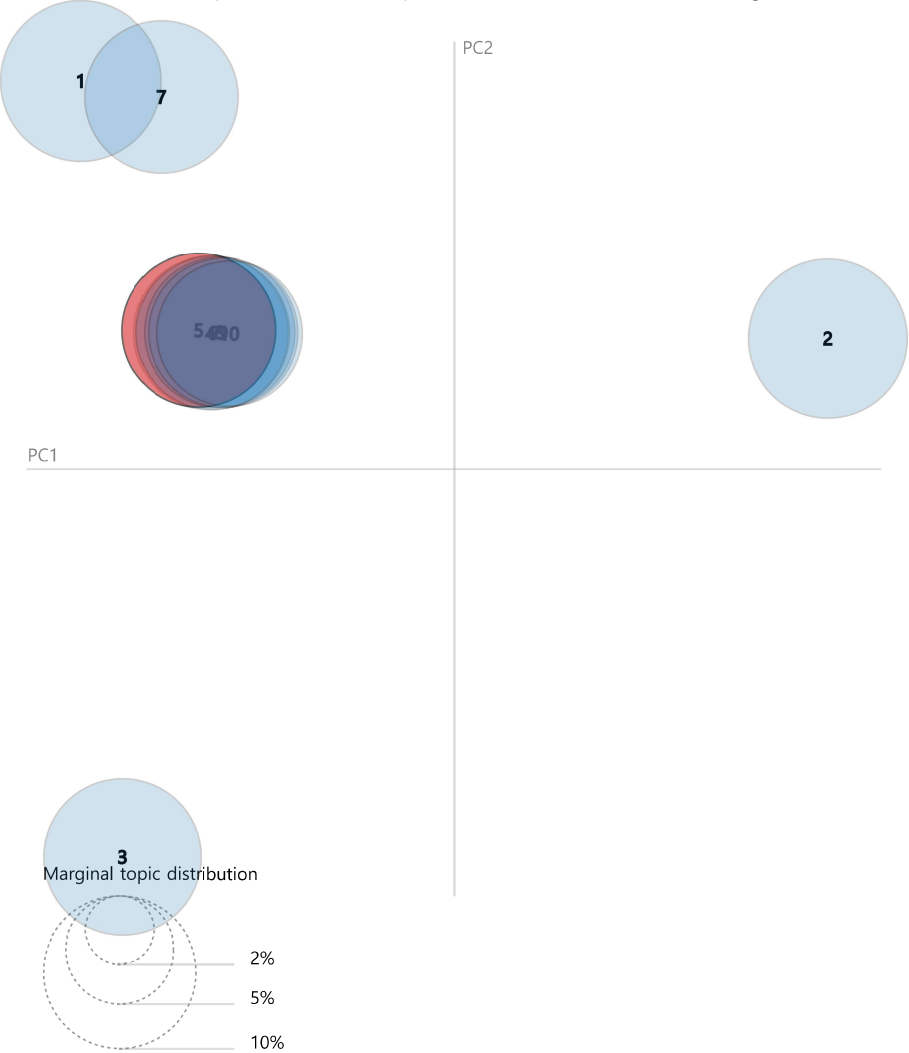


1. saliency(term w) = frequency(w) \* [sum\_t p(t | w) \* log(p(t | w)/p(t))]] for topics t; see Chuang et. al (2012)  
2. relevance(term w | topic t) =  $\lambda * p(w | t) + (1 - \lambda) * p(w | t)/p(w)$ ; see Sievert & Shirley (2014)

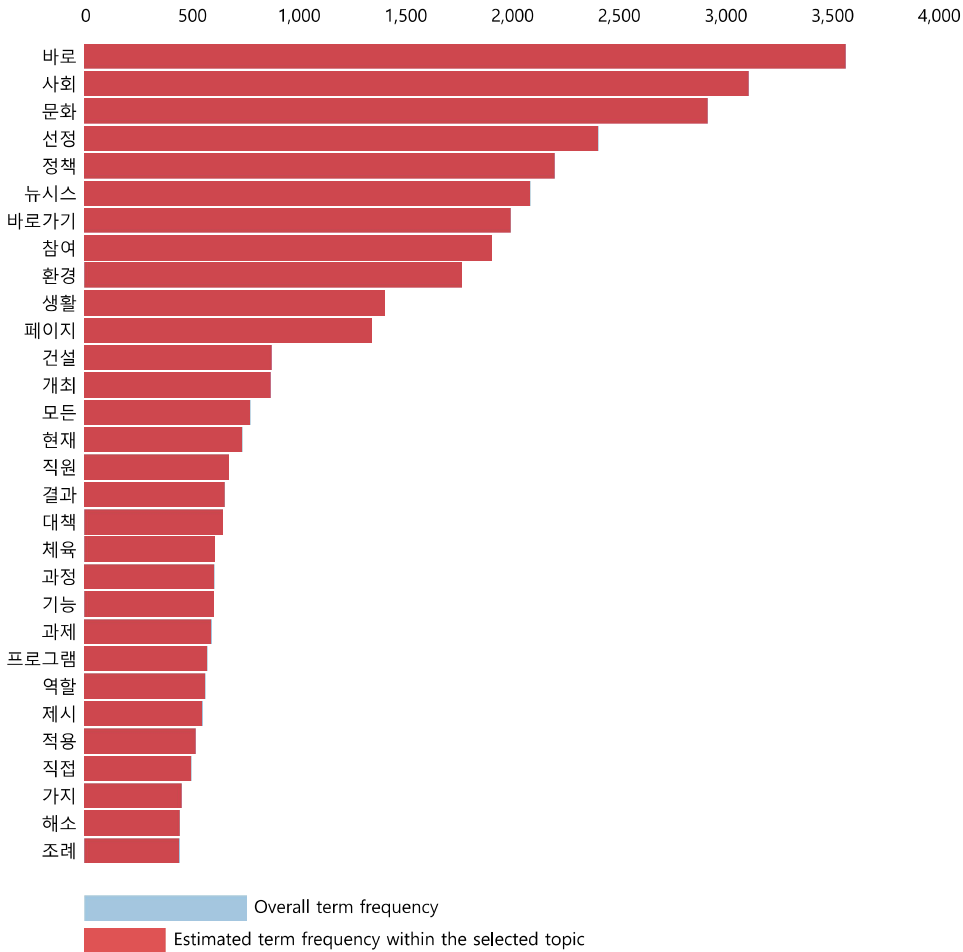
Selected Topic: 5   Previous Topic   Next Topic   Clear Topic



Intertopic Distance Map (via multidimensional scaling)

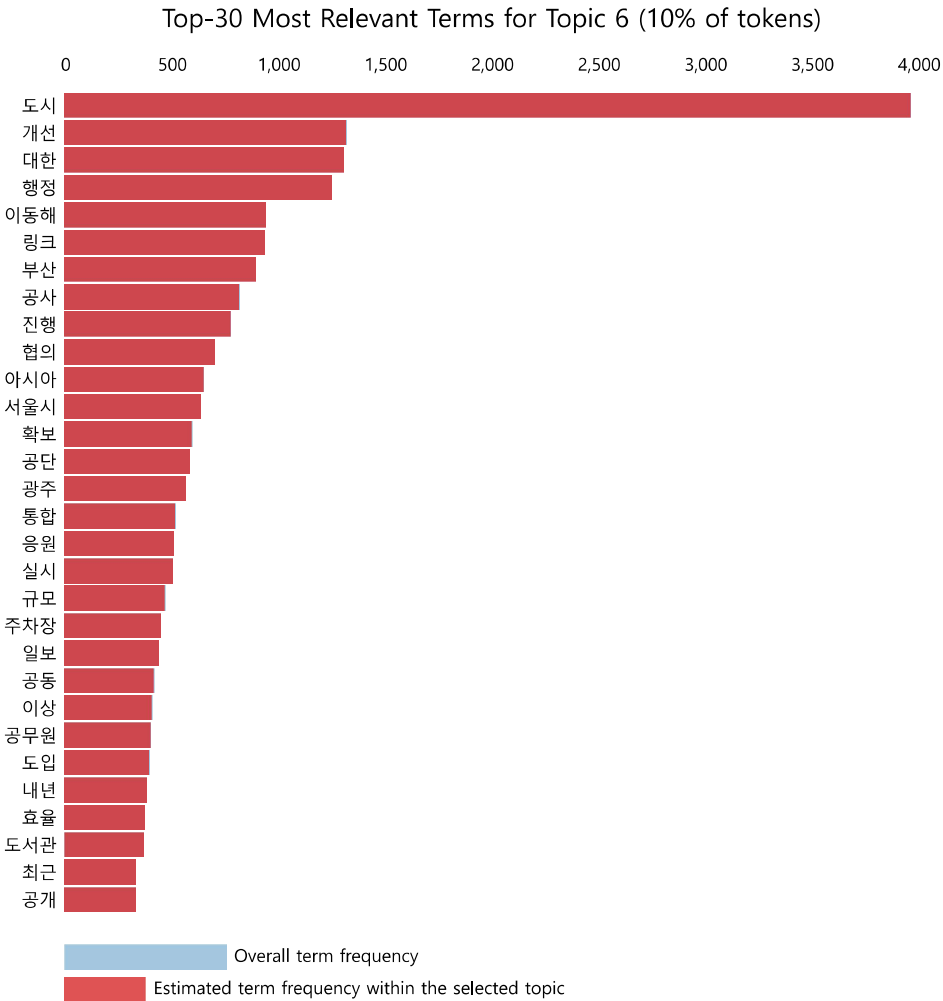
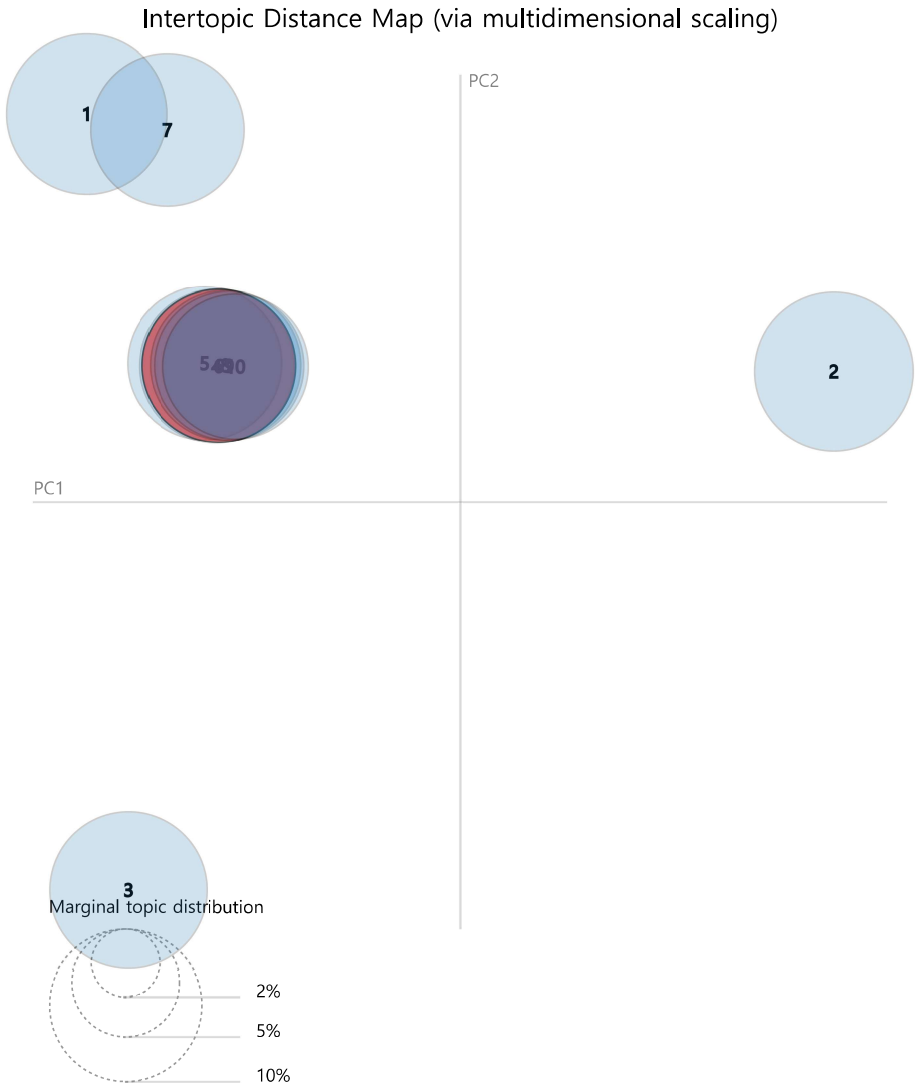


Top-30 Most Relevant Terms for Topic 5 (10% of tokens)



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)

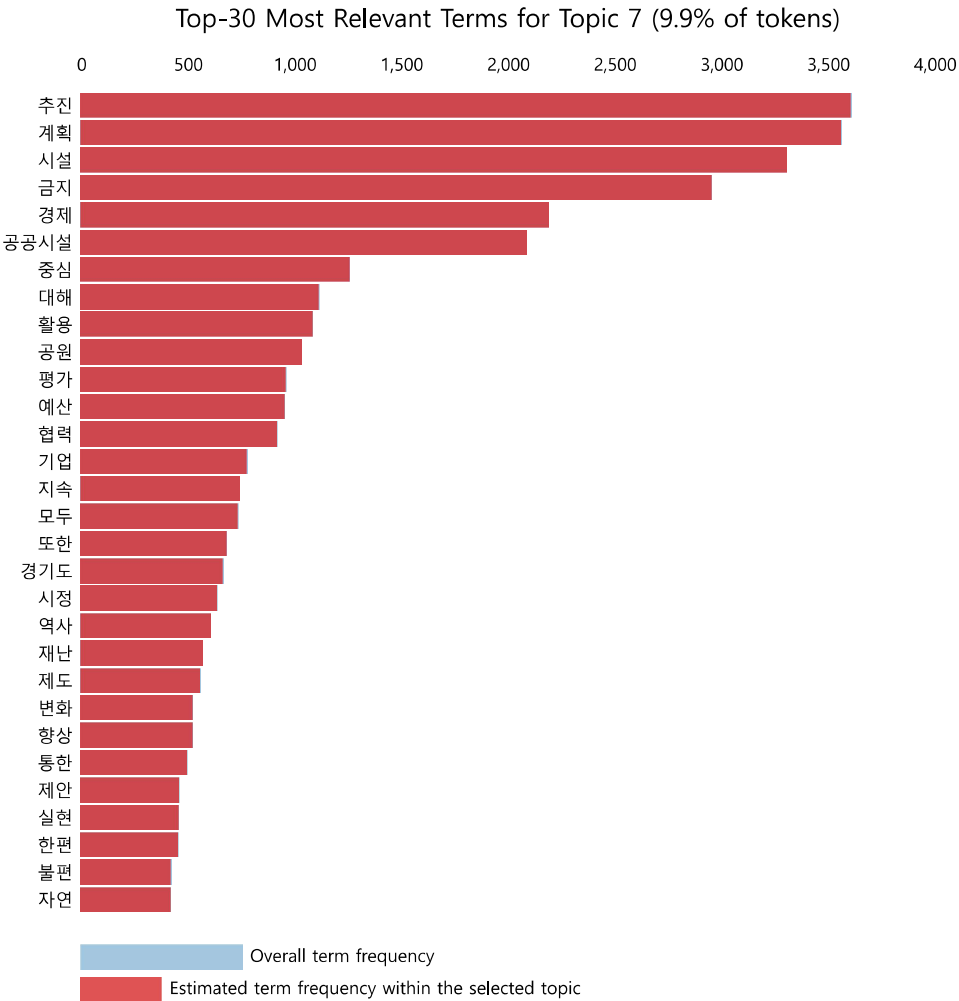
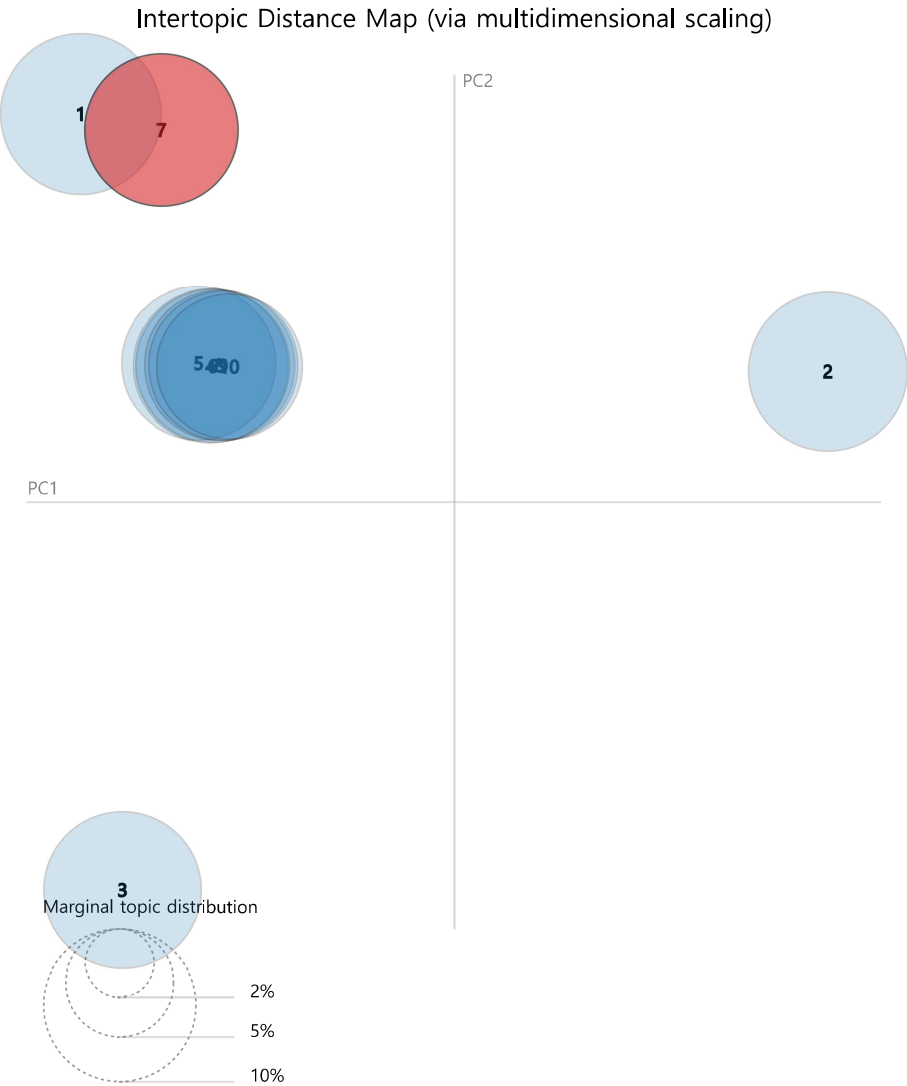
Selected Topic: 6   Previous Topic   Next Topic   Clear Topic



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)

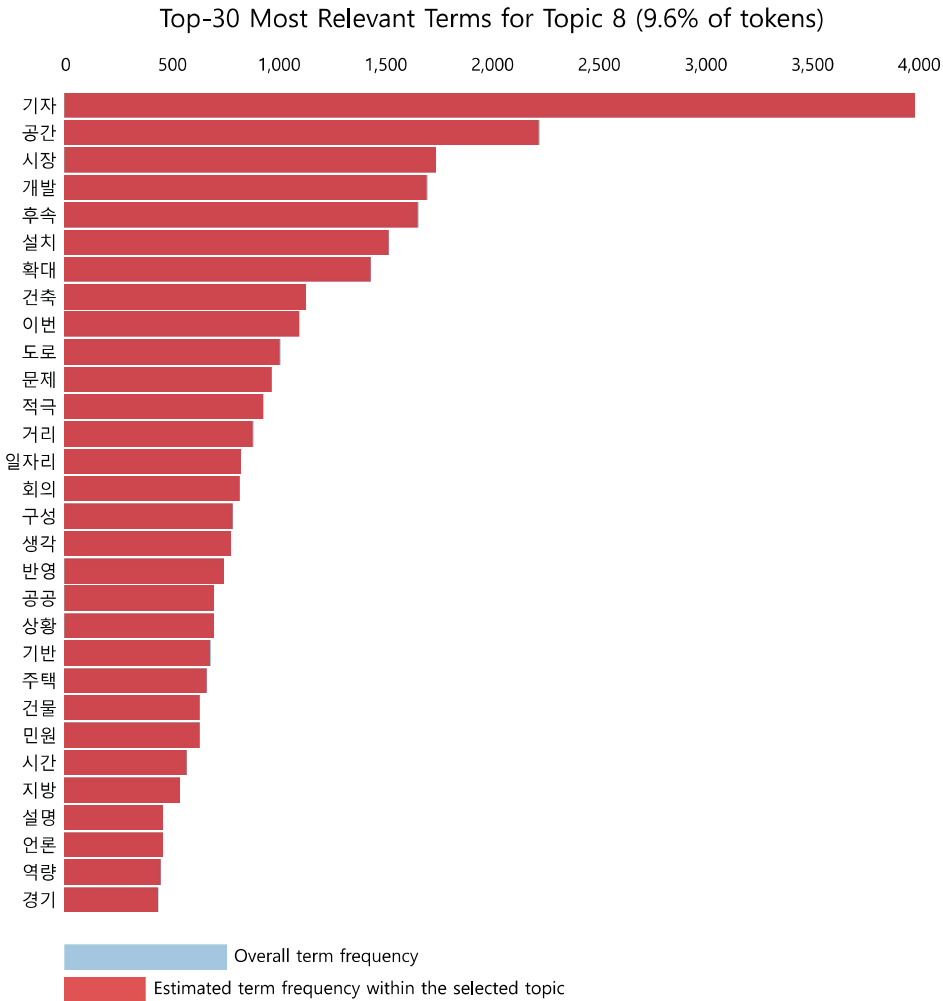
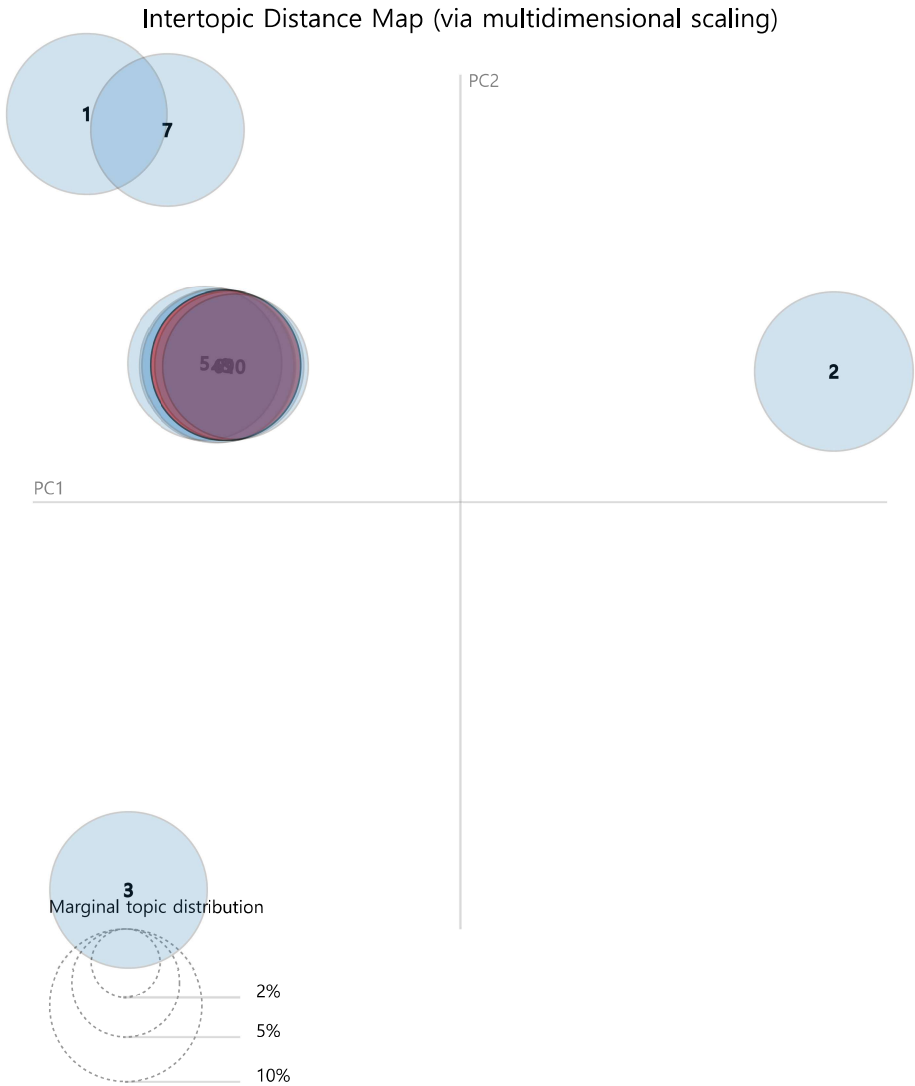
Selected Topic:

Slide to adjust relevance metric:<sup>(2)</sup>   
 $\lambda = 1$



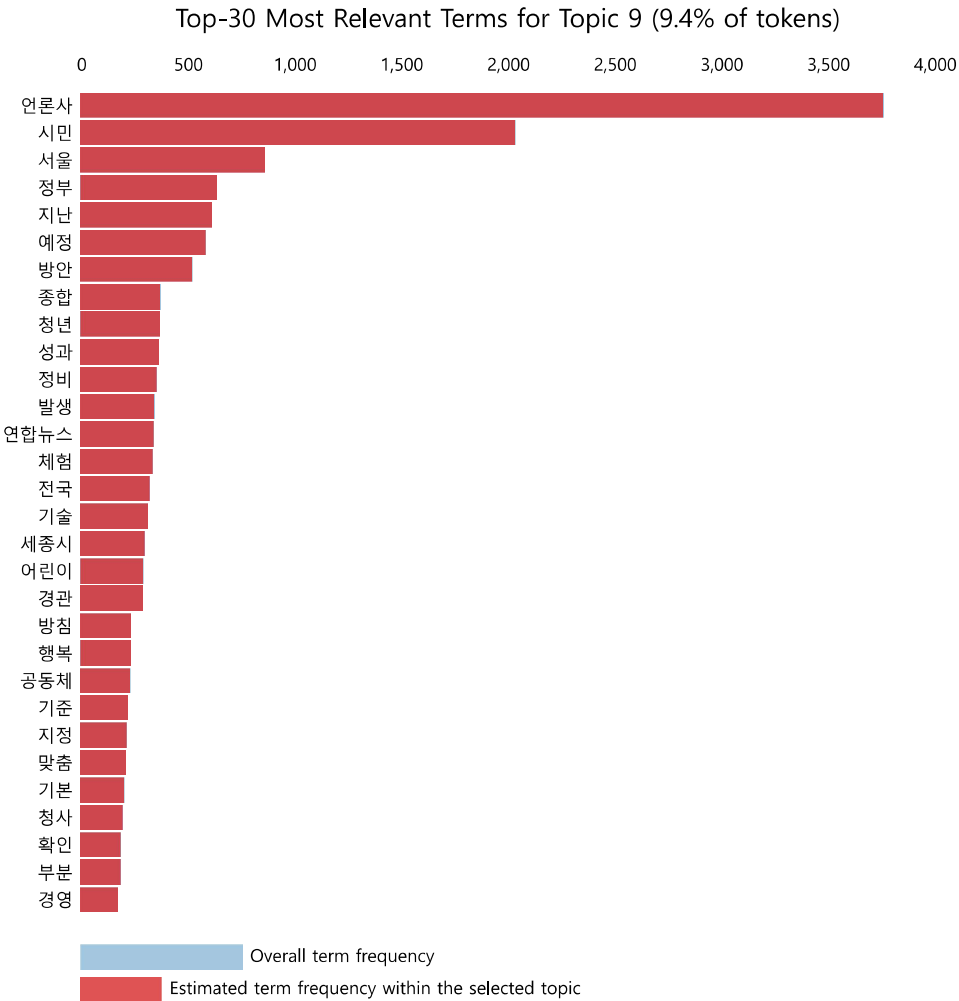
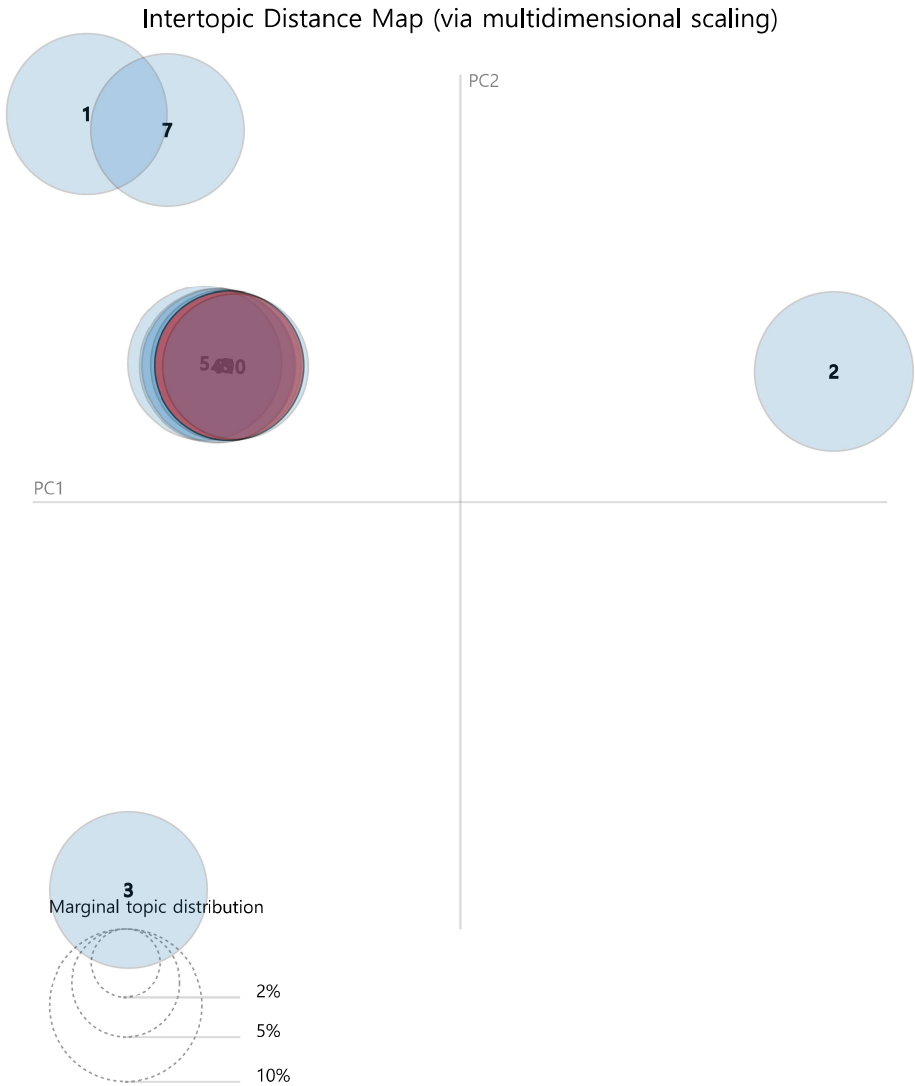
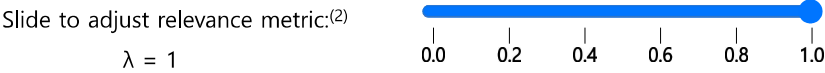
1. saliency(term w) = frequency(w) \* [sum\_t p(t | w) \* log(p(t | w)/p(t))] for topics t; see Chuang et. al (2012)  
2. relevance(term w | topic t) =  $\lambda * p(w | t) + (1 - \lambda) * p(w | t)/p(w)$ ; see Sievert & Shirley (2014)

Selected Topic: 8 Previous Topic Next Topic Clear Topic



1. saliency(term w) = frequency(w) \* [sum<sub>t</sub> 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)

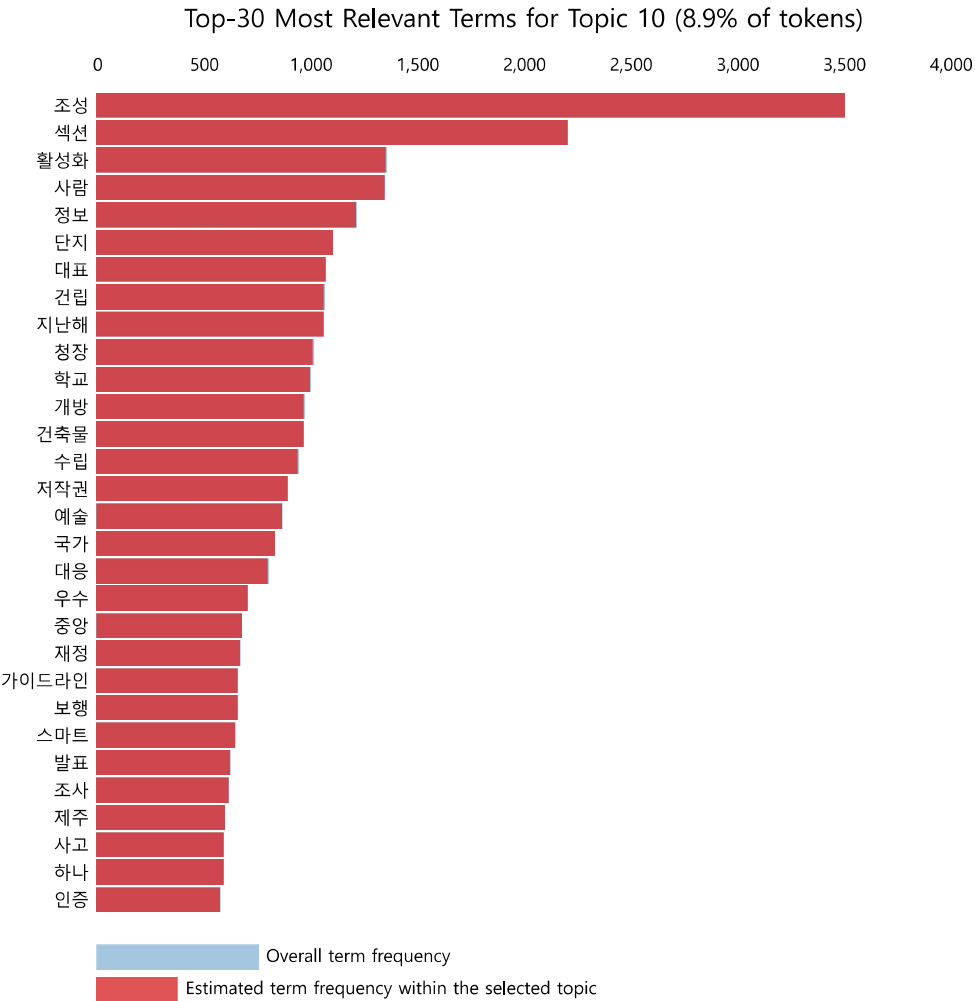
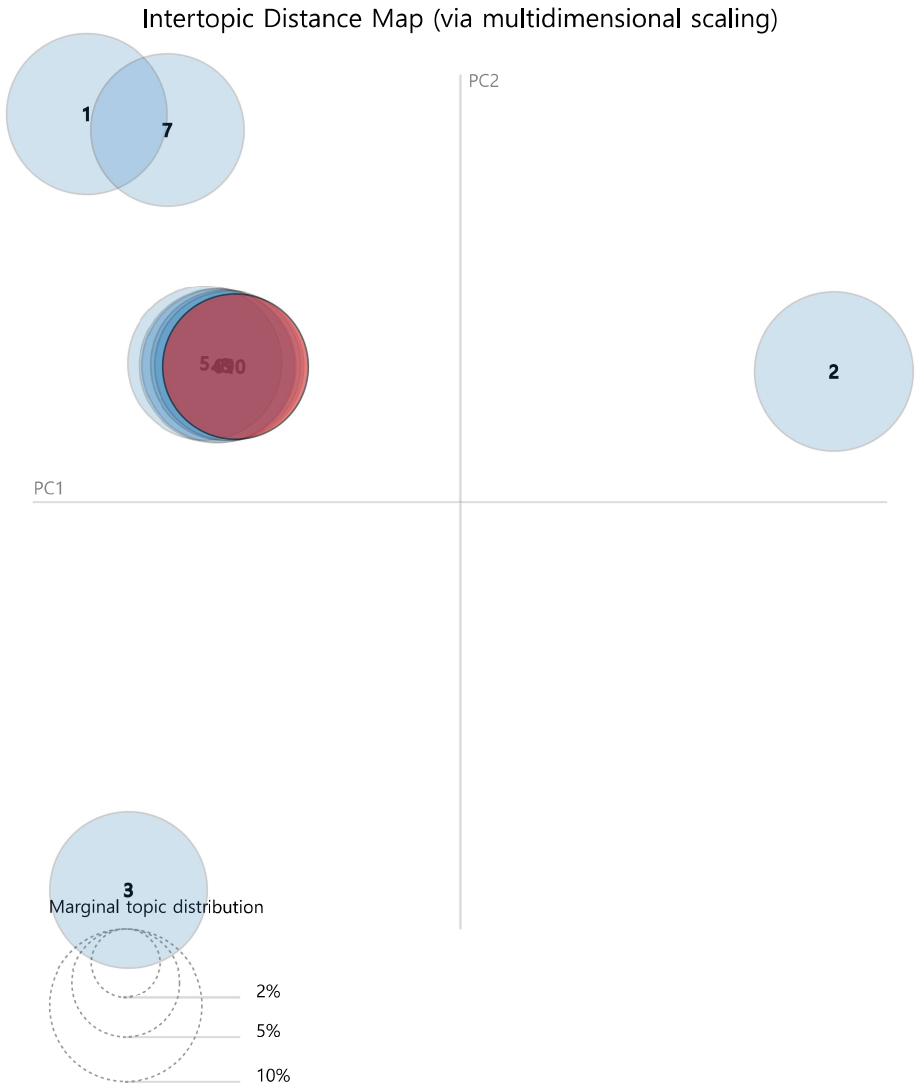
Selected Topic: 9   Previous Topic   Next Topic   Clear Topic



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)



Selected Topic: 10   Previous Topic   Next Topic   Clear Topic

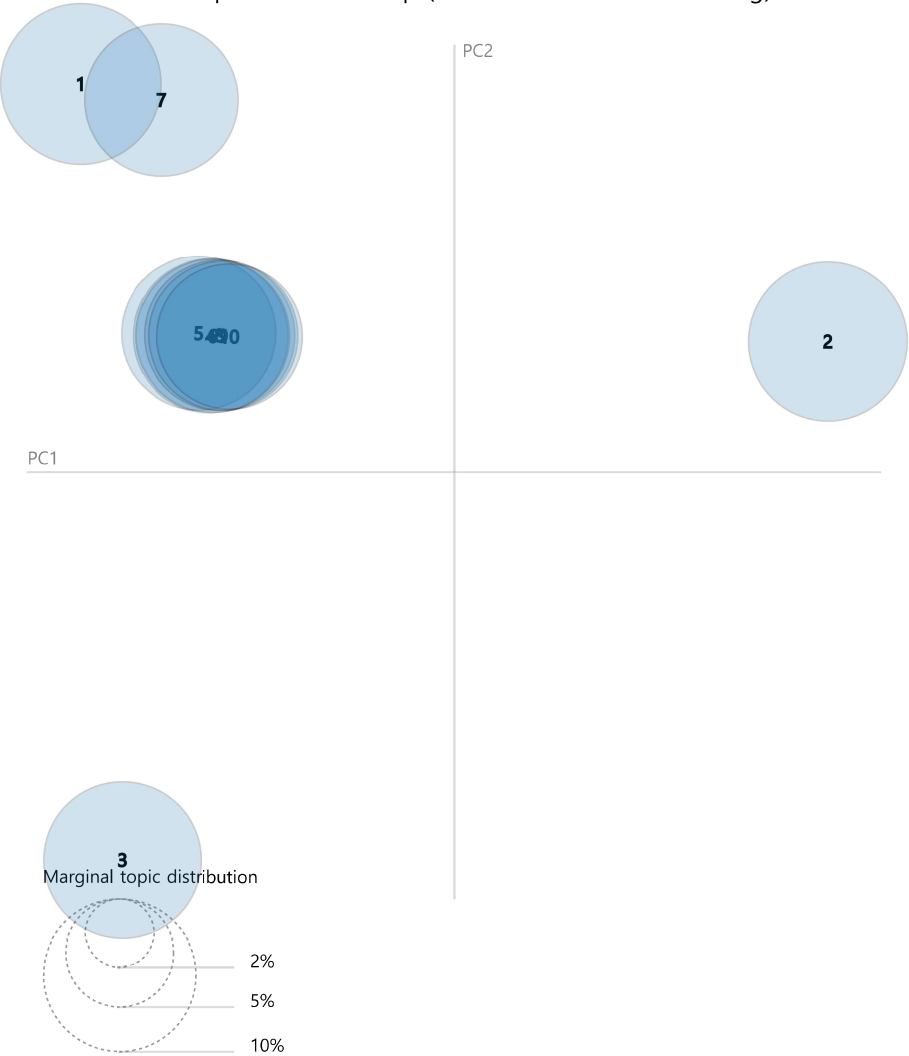


1. saliency(term w) = frequency(w) \* [sum\_t p(t | w) \* log(p(t | w)/p(t))] for topics t; see Chuang et. al (2012)  
2. relevance(term w | topic t) =  $\lambda * p(w | t) + (1 - \lambda) * p(w | t)/p(w)$ ; see Sievert & Shirley (2014)

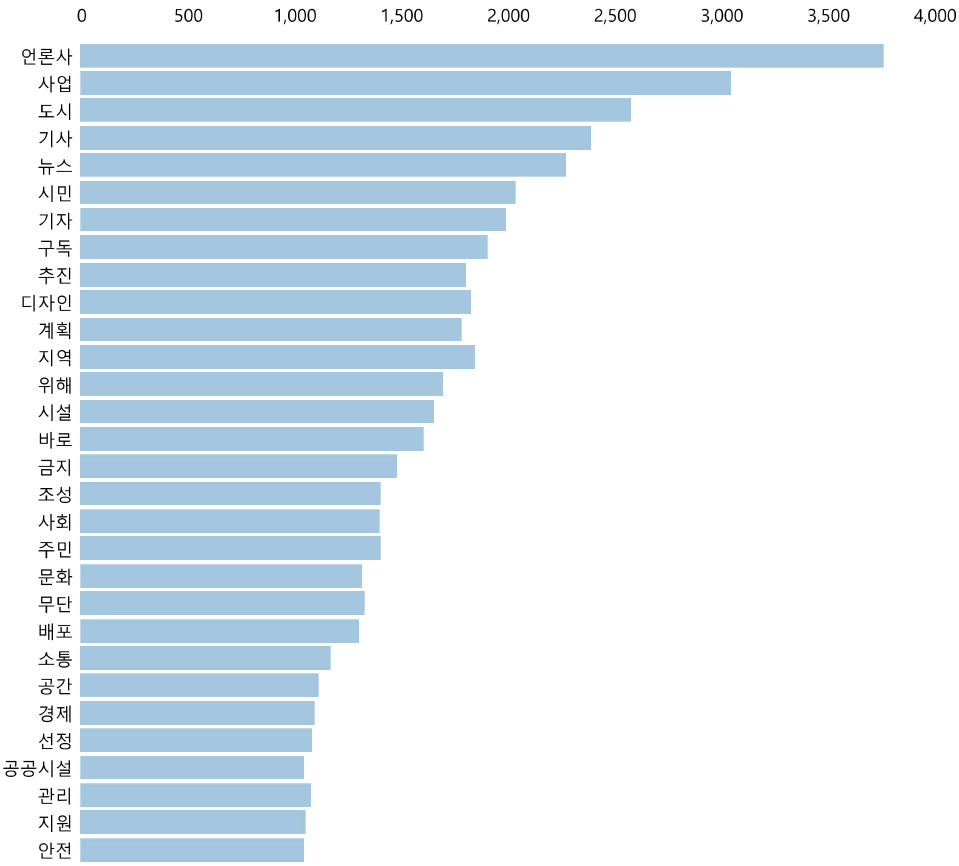
Selected Topic: 0 Previous Topic Next Topic Clear Topic



Intertopic Distance Map (via multidimensional scaling)



Top-30 Most Salient Terms<sup>(1)</sup>




Overall term frequency

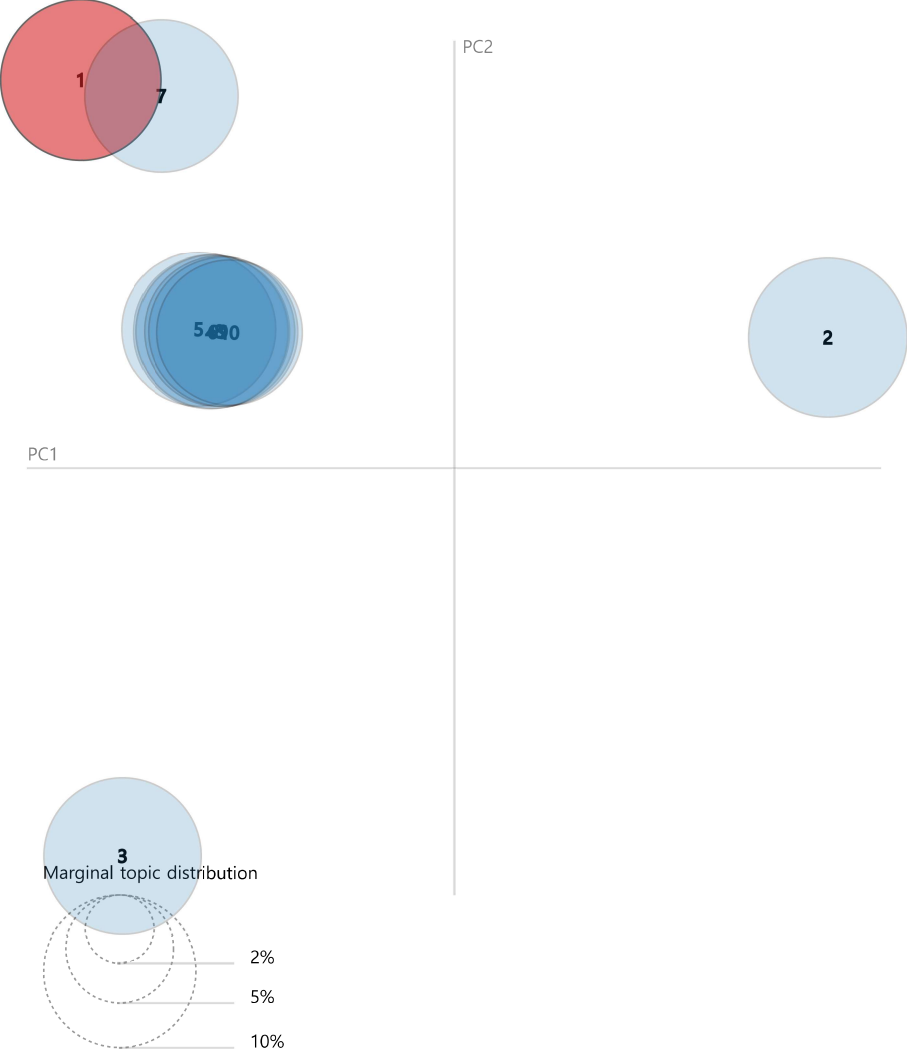
Estimated term frequency within the selected topic

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)

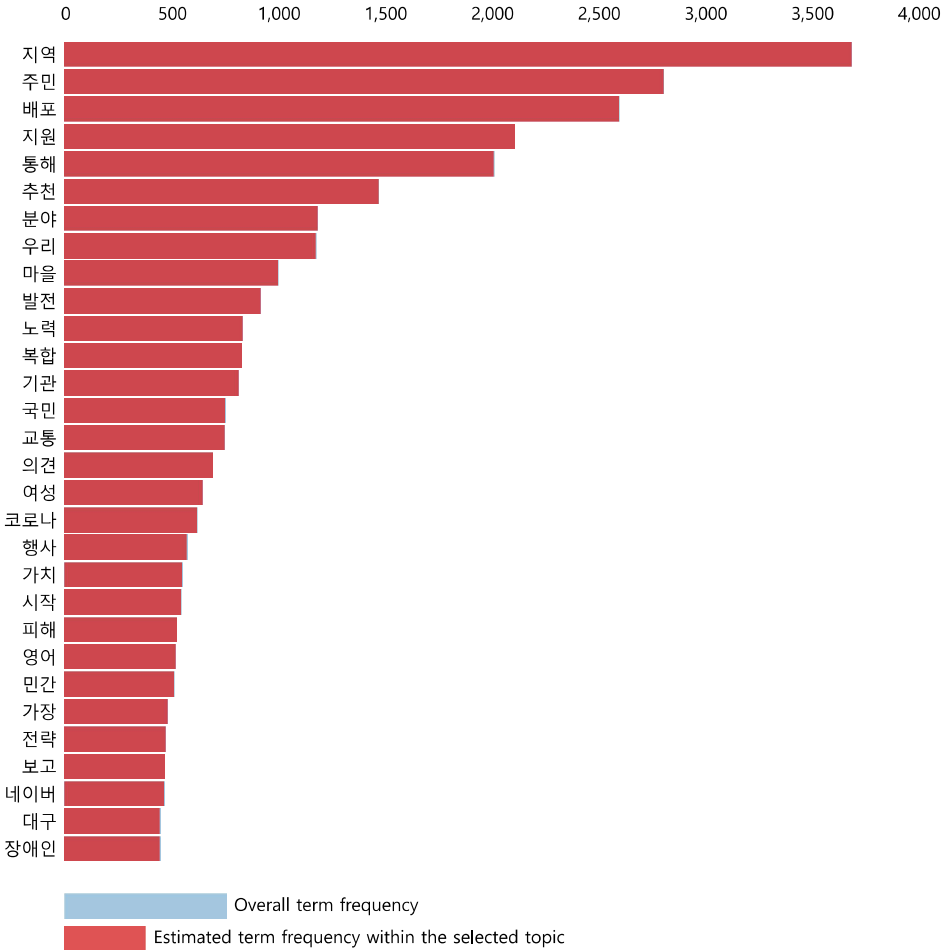
Selected Topic:

Slide to adjust relevance metric:<sup>(2)</sup>   
 $\lambda = 1$

Intertopic Distance Map (via multidimensional scaling)



Top-30 Most Relevant Terms for Topic 1 (11% 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)