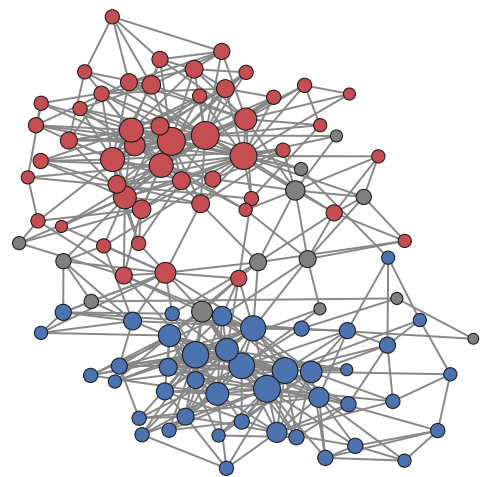
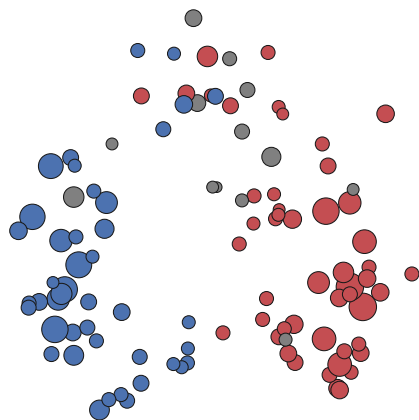


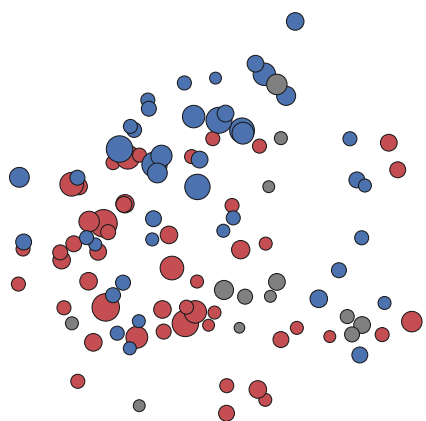
**A. Political book network**



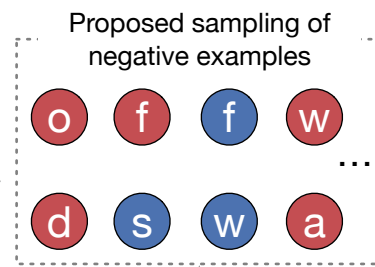
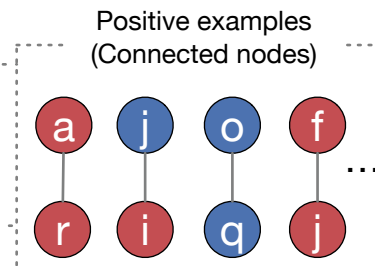
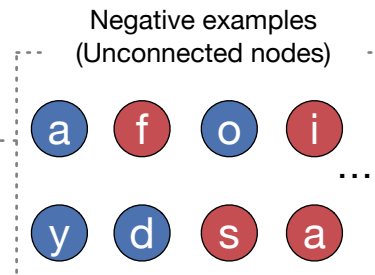
**B. Vanilla embedding**



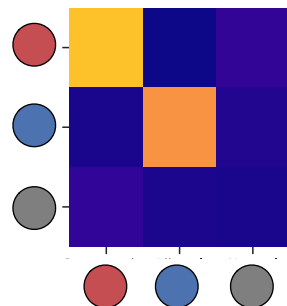
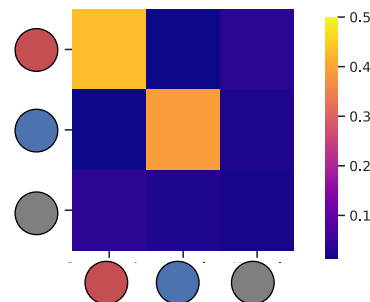
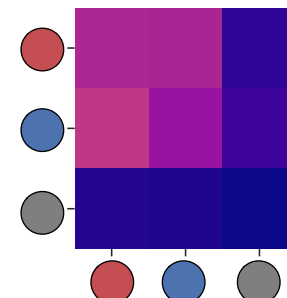
**C. Debiased embedding**



**D. Training data for graph neural networks**



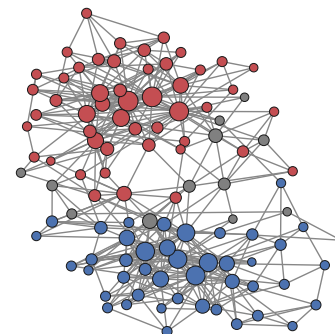
**E. Joint probability  
of political leanings**



Sampling

**F. Network bias model**

Original



Randomize  
edges



Random network with  
the bias to remove

