- 1. Consider the Toivonen's algorithm, {A, B, C} is in the negative boarder if and only if
 - a. {A, B, C} is not frequent in the sample
 - b. {A, B, C} is not frequent in the entire dataset
 - c. {A, B}, {B, C}, and {A, C} are all frequent
 - d. {A}, {B}, and {C} are frequent
- 2. In AGM and BigCLAM (circle all that apply):
 - a. BigCLAM: In the factor matrix, each of the matrix components indicates the pull from a community to a node and it ranges from -1 (strong negative pull) to 1 (strong positive pull)
 - b. BigCLAM: We assume the pull strengths from a community to individual nodes are independent
 - c. AGM: We can estimate the community detection results by using one of the eigenvectors of the adjacency matrix
 - d. AGM: When calculating the overall edge probability between two nodes u and v, we use this equation: $P(u,v)=1-\prod_{c\in M_u\cup M_v}(1-P_c)$ (where \pmb{M}_u ... is the set of communities node \pmb{u} belongs to)