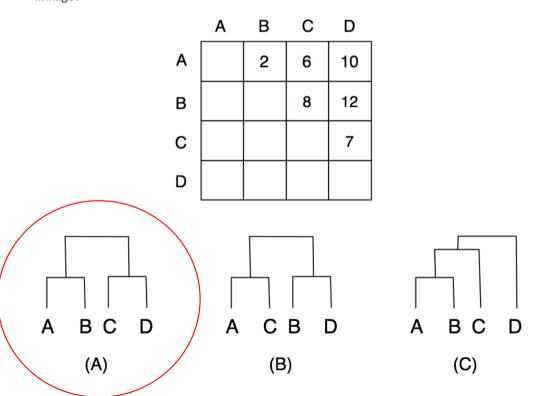
BMI/CS 576 - Day 22

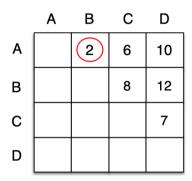
- Today
 - Model-based clustering
 - Hierarchical clustering
- Next Tuesday
 - Intro to biological and Bayesian networks

Quiz

Given the distance matrix below, which clustering would result using *complete linkage*?



Quiz example





	AD	C	ט
AB		8	12
С			7
D			

$$d(AB,C) = max(d(A,C),d(B,C)) = max(6,8) = 8$$

 $d(AB,D) = max(d(A,D),d(B,D)) = max(10,12) = 12$



	AB	CD
AB		12
CD		

