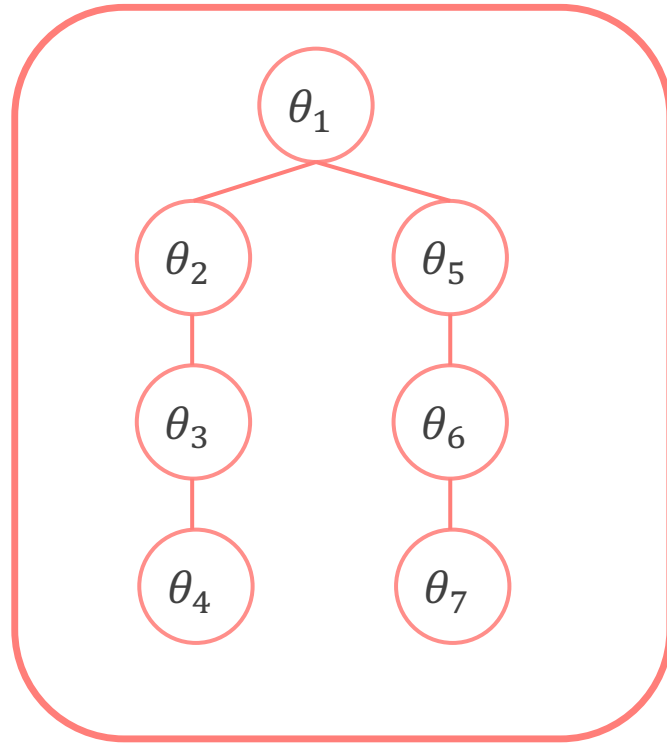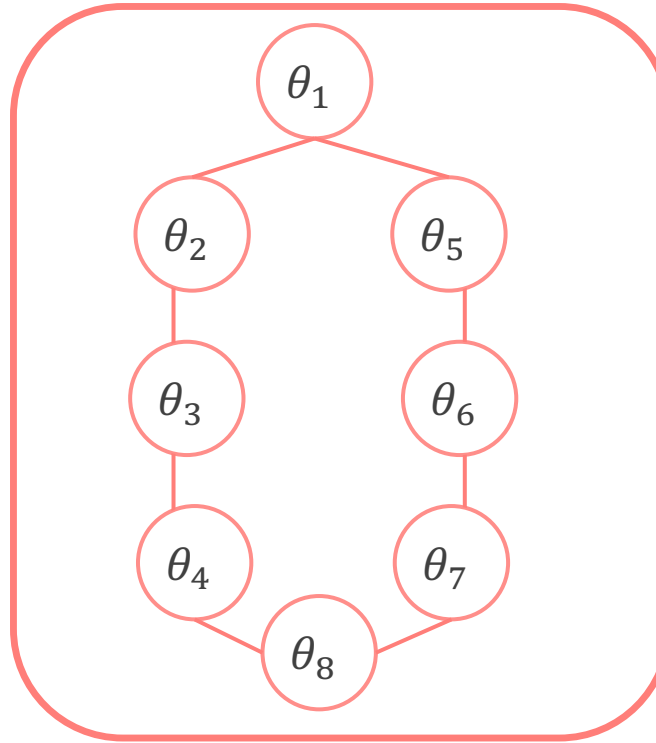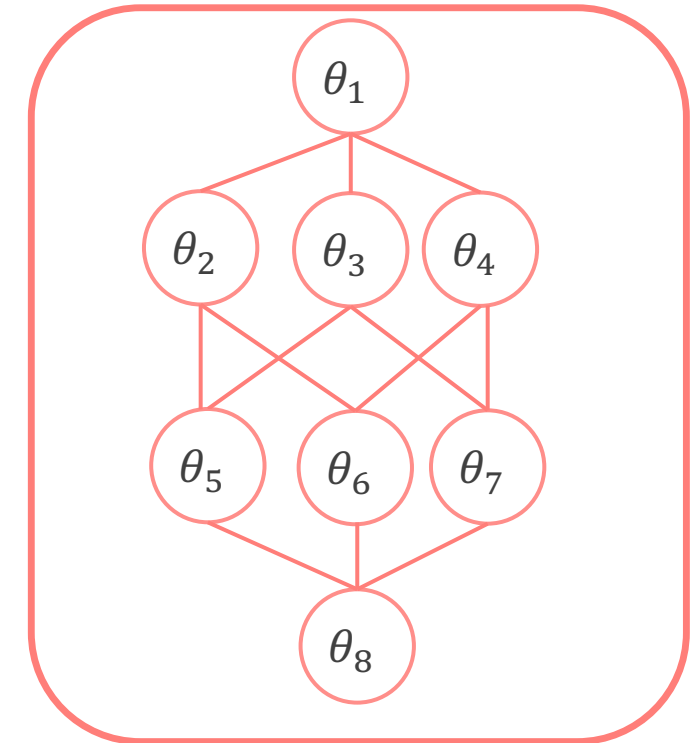# Examples of three branched hypotheses

The branches $(\theta_2, \theta_3, \theta_4)$ and $(\theta_5, \theta_6, \theta_7)$ are not comparable to each other. Across the two branches it is unclear which element precedes the other in the sequence.

Although the constraint specifies a largest element (θ_1) and a smallest element (θ_8), not every pair of elements in the constraint is comparable to each other (e.g., θ_3 and θ_5 are incomparable).

The arrangement of the elements $(\theta_2, \theta_3, \theta_4)$ and $(\theta_5, \theta_6, \theta_7)$ is complex, but does not account for all relations (e.g., θ_3 and θ_6 are incomparable)