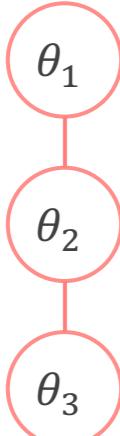
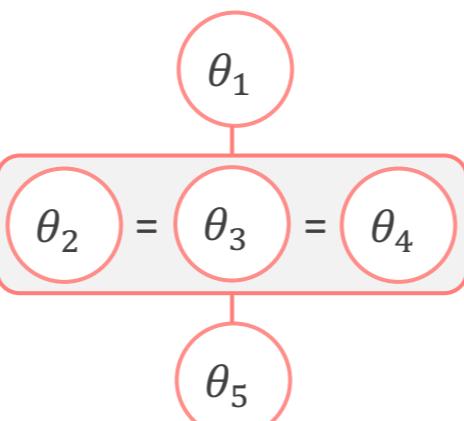


Examples of six stick hypotheses

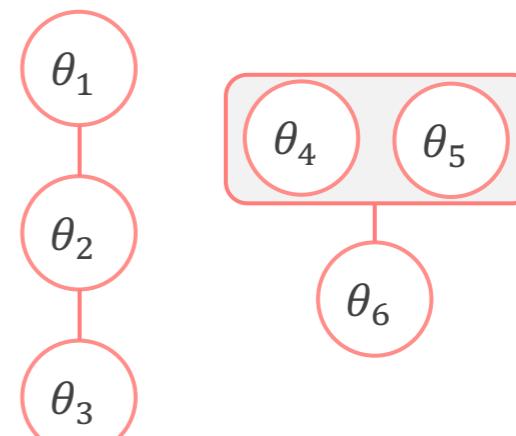
$$H_r: \theta_1 > \theta_2 > \theta_3$$



$$H_r: \theta_1 > \theta_2 = \theta_3 = \theta_4 > \theta_5$$



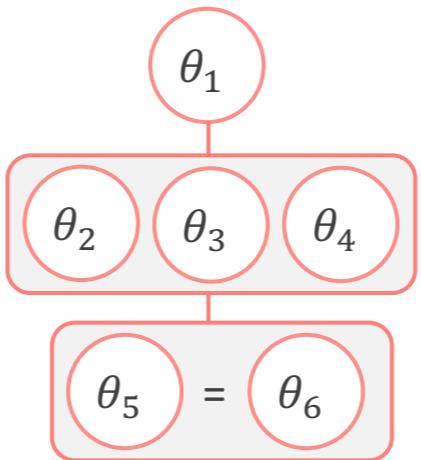
$$H_r: \theta_1 > \theta_2 > \theta_3 \& \theta_4, \theta_5 > \theta_6$$



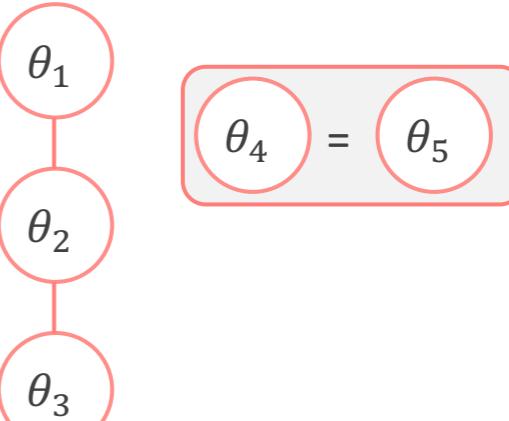
$$H_r: \theta_1 = \theta_2 = \theta_3$$



$$H_r: \theta_1 > \theta_2, \theta_3, \theta_4 > \theta_5 = \theta_6$$



$$H_r: \theta_1 > \theta_2 > \theta_3 \& \theta_4 = \theta_5$$



Inequality hypotheses and equality constraints

Combinations of inequality constraints, equality constraints, and free parameters

Combinations of independent constraints