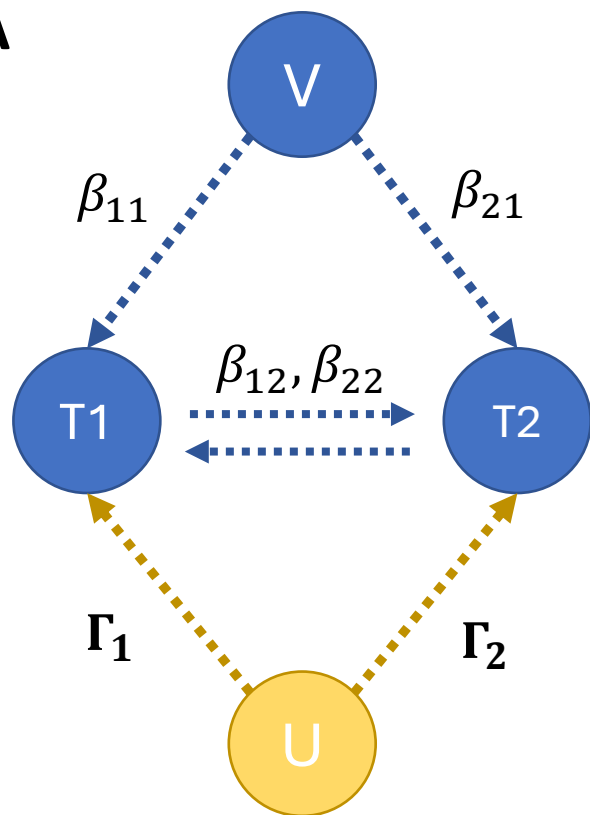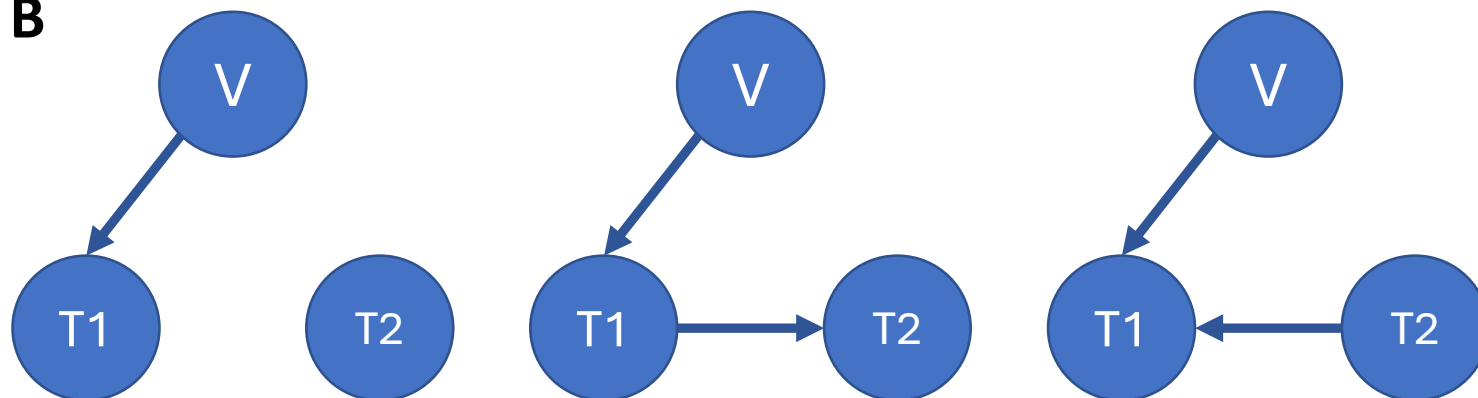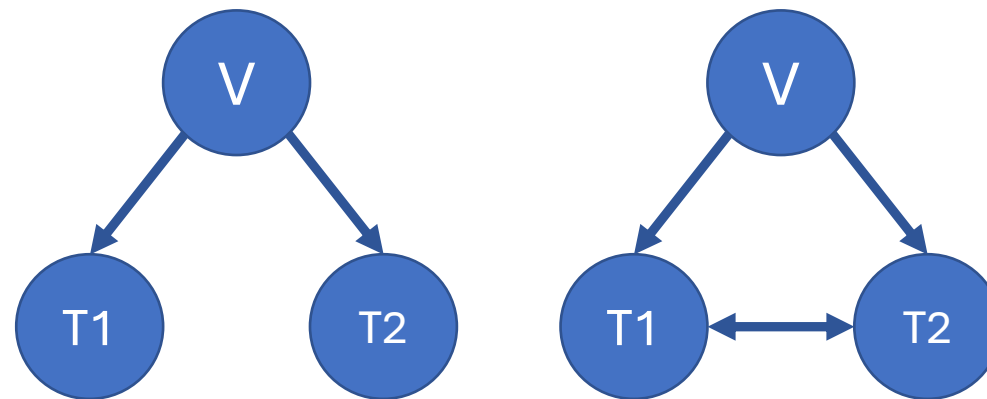**A**

$$T_1 = \beta_0 + \beta_{11}V_1 + \beta_{12}T_2 + \Gamma_1 U + \varepsilon$$
$$T_2 = \beta_0 + \beta_{21}V_1 + \beta_{22}T_1 + \Gamma_2 U + \varepsilon$$

B

M0: Null Model

M1: Mediation

M2: v-structure

M3: Conditional Independence

M4: Fully Connected