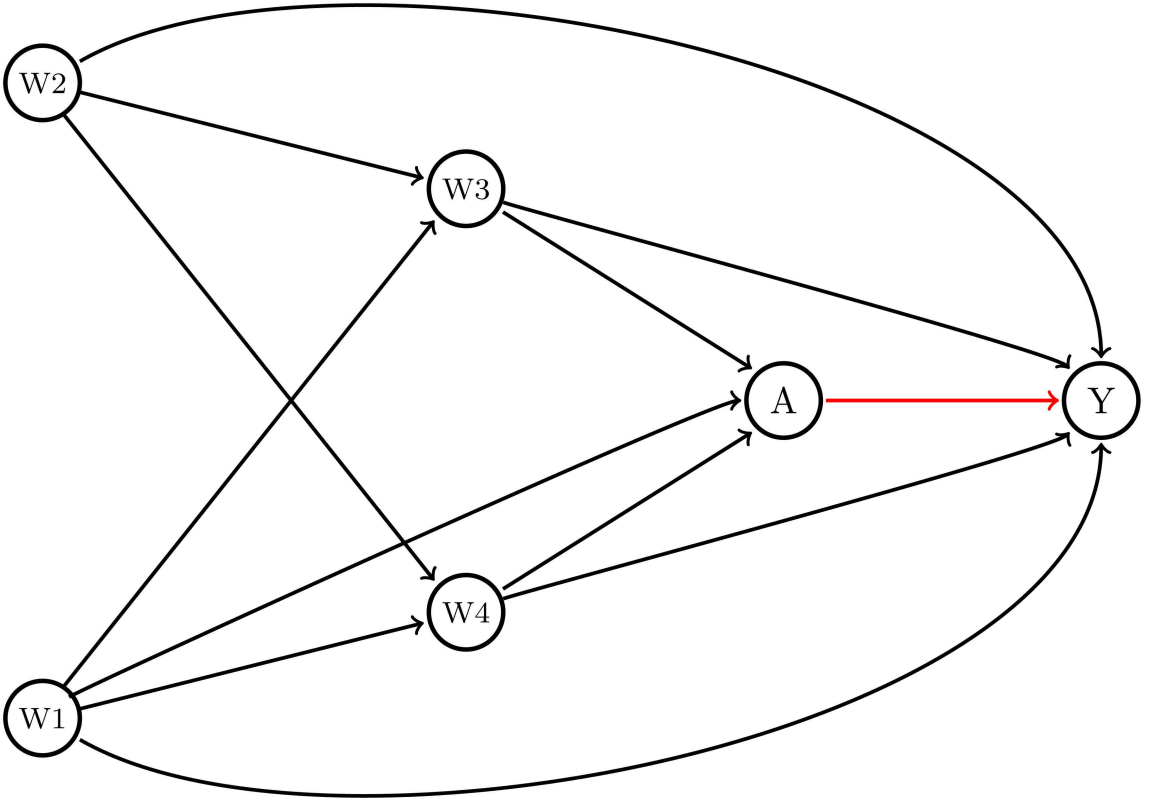
Under conditional exchangeability: $Y(0), Y(1) \perp A|\mathbf{W}$

$$ATE = E[E(Y|A = 1;\mathbf{W}) - E(Y|A = 0;\mathbf{W})]$$

$$MOR = E[Y(1)] \times (1 - E[Y(0)]) \;/\; E(1 - E[Y(1)]) \times E[Y(0)]$$



Y = Mortality; A = Chemotherapy vs. Chemotherapy & Radiotherapy; W_1 = Sex; W_2 = Age; W_3 = TNM-Stage; W_4 = Comorbidities