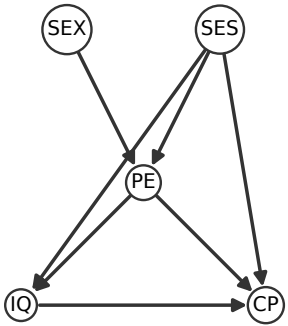
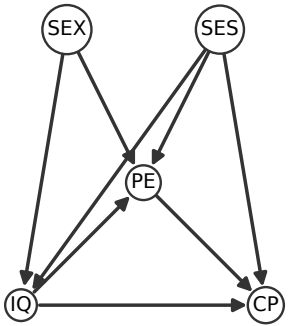
(a) posterior probability 1.000



(b) posterior probability 0.000



(c) the posterior is sharply peaked

