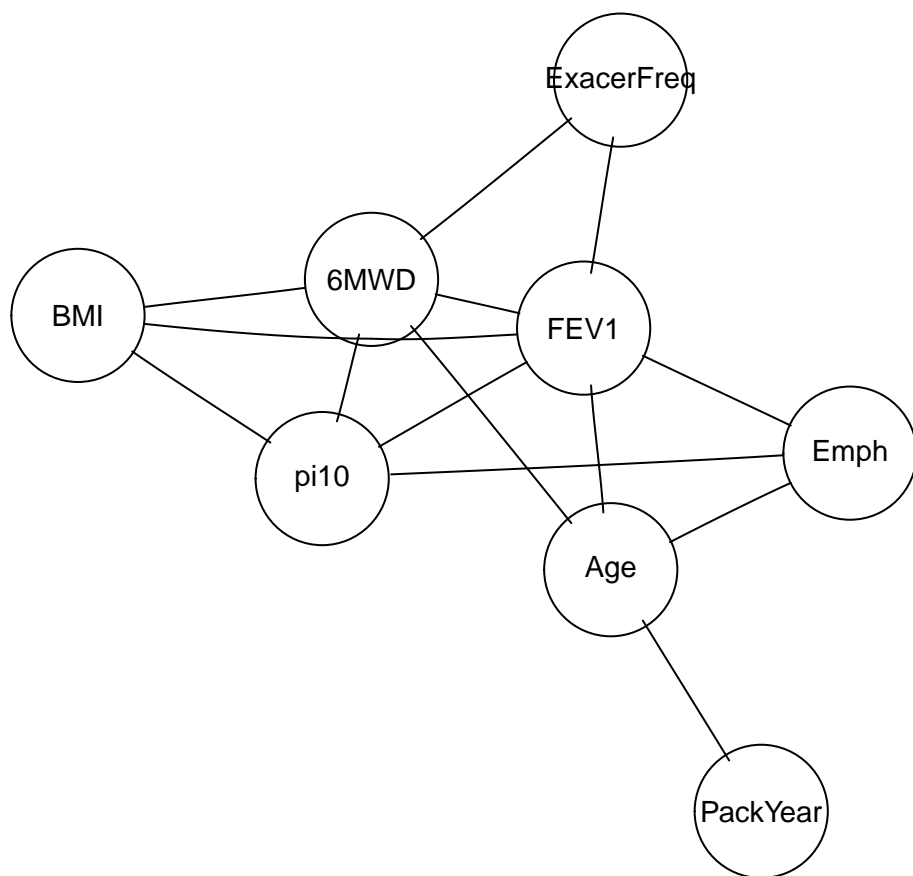
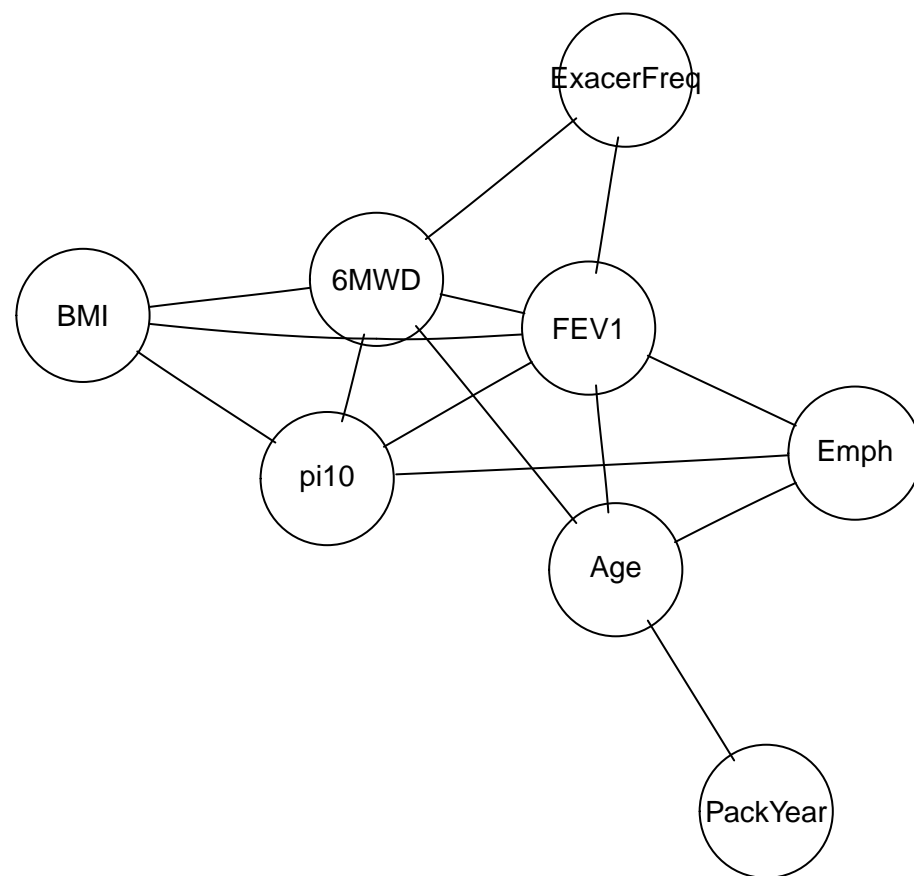


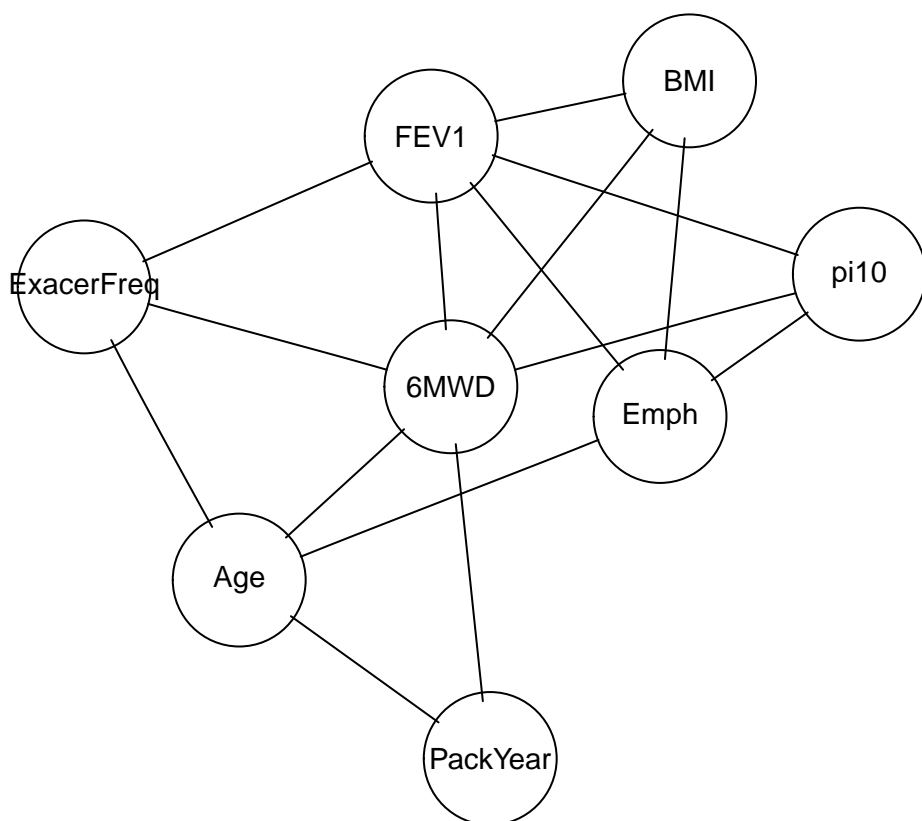
**ECLIPSE network,  $p < 0.001$ , all cases**



**ECLIPSE network,  $p < 0.001$ , white cases**



**COPDGene Network,  $p < 0.001$ , all cases**



**COPDGene Network,  $p < 0.001$ , white cases**

