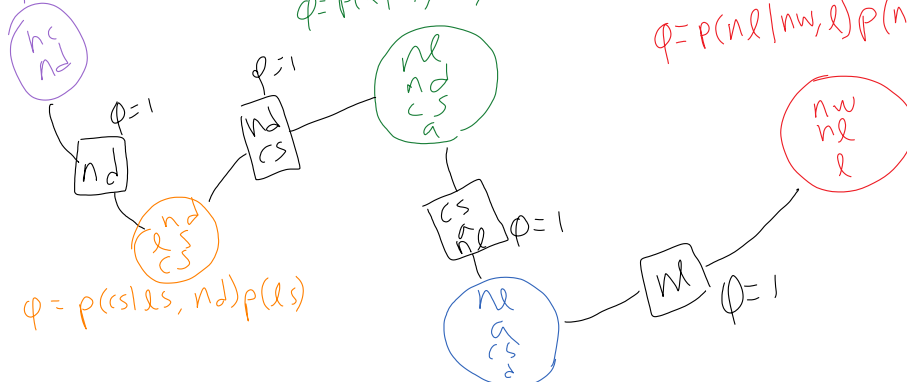


$$P = p(nc)p(ls)p(l)p(d|cs, a, nl)p(cs|ls, nd)p(nd|nc)p(a|nd, nl)p(nl|nw, l)p(nw|l)$$

$$\phi = p(nd|nc)p(nc)$$

$$\phi = p(a|nl, nd)$$

$$\phi = p(nl|nw, l)p(nw|l)p(l)$$



$$\phi = p(cs|ls, nd)p(ls)$$

$$\phi = p(d|c, a, n)$$