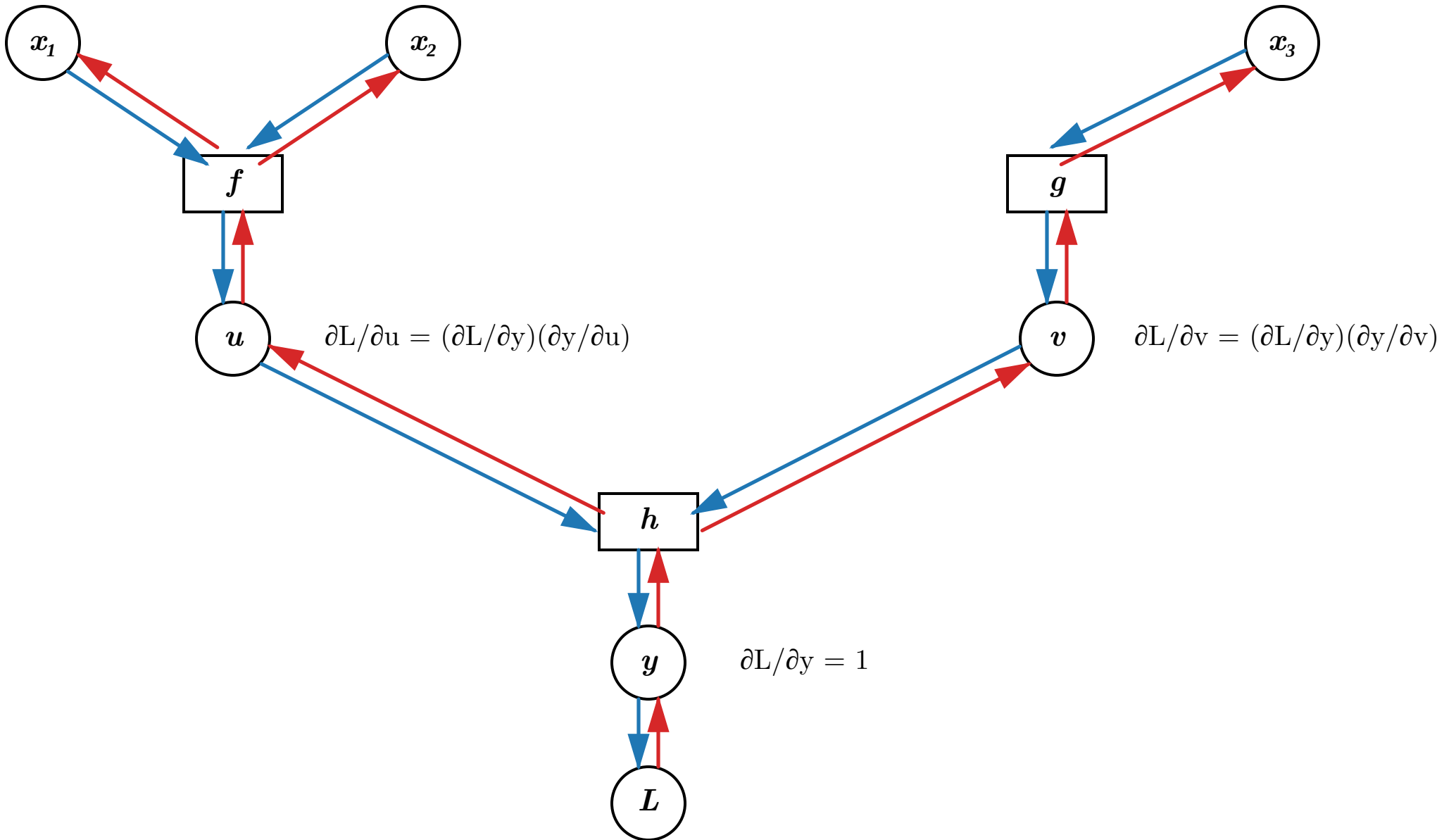


$\frac{\partial L}{\partial x_1} = (\frac{\partial L}{\partial u})(\frac{\partial u}{\partial x_1})$
 $\frac{\partial L}{\partial x_2} = (\frac{\partial L}{\partial u})(\frac{\partial u}{\partial x_2})$
 $\frac{\partial L}{\partial x_3} = (\frac{\partial L}{\partial v})(\frac{\partial v}{\partial x_3})$



Forward (data)

Backward (gradients)