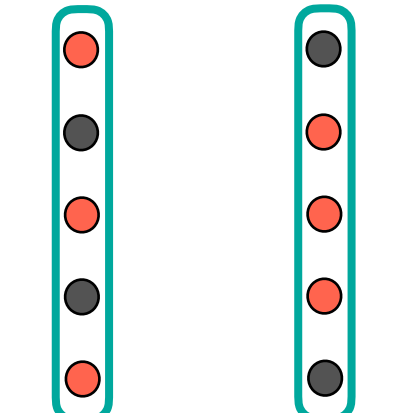
Layer: Binary Features



$G_{\Theta,l}(x)$ $G_{\Theta,l}(x')$

Layer: Base Kernel

$$\Lambda^{lyr}_{\Theta,l}(x,x') = \frac{\#\textbf{gates active for both } x \textbf{ and } x'}{w}$$

$$= \frac{\langle G_{\Theta,l}(x), G_{\Theta,l}(x') \rangle}{w}$$