Encrypted Encrypted CNN Layer Sigmoid Weights Filters $w_{ij} \hspace{0.5cm} w_{i+1j}$ $oxed{w_{ij+1} \mid w_{i+1j+1}}$ Cyphertext 12 13 $\frac{b}{n}$ $\left| 14 + \frac{b}{n} \right|$ $\left| 15 + \frac{b}{n} \right|$ 14 15 14 15