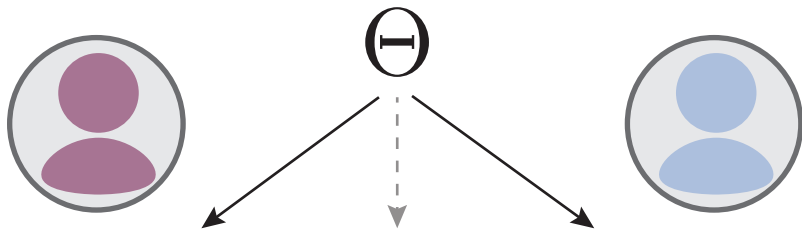


shared representation



lexical prior for
novel partner

$$P(\phi_1 | \Theta) \cdots P(\phi_i | \Theta)$$

partner-specific
predictions

$$P(D_1 | \phi_1) \cdots P(D_i | \phi_i)$$