

$$\textcircled{2} \quad \frac{\rho_1 \vdash d_2 \rightarrow_d^* \rho_2}{\vdash \rho_1 \text{ in } d_2 \rightarrow_d \rho_1 \text{ in } \rho_2} \equiv \frac{\frac{[x \leftarrow 2] \vdash d_2 \rightarrow_d^* \rho_2}{\vdash [x \leftarrow 2] \text{ in } d_2 \rightarrow_d [x \leftarrow 2] \text{ in } \rho_2}}{\mathcal{D}_8}$$