

$$\begin{aligned}
& \text{exp } Q_{\models} \\
& \downarrow \text{ind}^Q \quad \uparrow \text{ind}^N \\
& \boxed{\mathbf{1} \Delta \mathbf{1}} = \boxed{\mathbf{1} \boxtimes \mathbf{1}} \\
& \text{exp } -Q_{\models} \\
& \text{exp } Q_{\models} \mathbf{1} = \mathbf{1}^{\sim} I \\
& = \widehat{\mathbf{1} \boxtimes \mathbf{1}}^{\sim} \models \widehat{\mathbf{1}^{\sim} \mathbf{1}} \underset{\text{ind}}{=} \models \widehat{\text{exp } -Q_{\models} \mathbf{1}} = \widehat{\mathbf{1} \boxtimes \text{exp } -Q_{\models} \mathbf{1}} + \widehat{\mathbf{1} Q} \models \widehat{\text{exp } -Q_{\models} \mathbf{1}} \\
& = \widehat{\mathbf{1} \boxtimes \text{exp } -Q_{\models} \mathbf{1}} - \widehat{-\mathbf{1} Q} \models \widehat{\text{exp } -Q_{\models} \mathbf{1}} = \widehat{\text{exp } -Q} \models \widehat{\mathbf{1} \boxtimes \mathbf{1}} \\
& \mathbf{1} \in \mathbf{1}_{\models} \text{mod}_{\models} \\
& \models \in \mathbf{1}^{\sharp} = \text{Hom}(\mathbf{1}: \mathbf{1})
\end{aligned}$$