

$$\begin{array}{c}
\frac{\frac{\frac{}{\Box(m); w, m, m \vdash^{\top} w;} L\wedge_-}{\Box(m); (m \wedge m), w \vdash^{\top} w;} R \rightarrow_+}{\Box(m); (m \wedge m) \vdash^{\top} (w \rightarrow w);} R \rightarrow_+ \\
\hline
\Box(m); \vdash^{\top} ((m \wedge m) \rightarrow (w \rightarrow w));
\end{array}$$