

$$\begin{array}{c}
\frac{\frac{\frac{}{p \vdash p} I}{p \vdash p, q} WR}{(p \supset r), p \vdash p, q} WL \quad \frac{\frac{\frac{}{q \vdash q} I}{q, p \vdash q} WL}{q, (p \supset r), p \vdash q} WL \quad \frac{\frac{\frac{}{p \vdash p} I}{p \vdash p, r} WR}{(p \supset r), p \vdash p, r} WL \quad \frac{\frac{\frac{}{p \vdash p} I}{p \vdash p, r} WR}{q, p \vdash p, r} WL \quad \frac{\frac{\frac{}{r \vdash r} I}{r, p \vdash r} WL}{r, q, p \vdash r} WL \\
\frac{(p \supset r), p \vdash p, q}{(p \supset q), (p \supset r), p \vdash q} \supset L \quad \frac{q, (p \supset r), p \vdash q}{(p \supset q), (p \supset r), p \vdash q} \supset L \quad \frac{(p \supset r), p \vdash p, r}{(p \supset q), (p \supset r), p \vdash r} \supset L \quad \frac{q, p \vdash p, r}{q, (p \supset r), p \vdash r} \supset L \quad \frac{r, q, p \vdash r}{q, (p \supset r), p \vdash r} \supset L \\
\frac{(p \supset q), (p \supset r), p \vdash q}{(p \supset q), (p \supset r), p \vdash (q \wedge r)} \wedge R \\
\frac{(p \supset q), (p \supset r), p \vdash (q \wedge r)}{(p \supset q), (p \supset r) \vdash (p \supset (q \wedge r))} \supset R \\
\frac{(p \supset q), (p \supset r) \vdash (p \supset (q \wedge r))}{((p \supset q) \wedge (p \supset r)) \vdash (p \supset (q \wedge r))} \wedge L
\end{array}$$