

## **cond\_rel\_star\_monotonic**<sup>4,23</sup>

$\forall T:\text{Type}, P:(T \rightarrow \text{Prop}), R_1, R_2:(T \rightarrow T \rightarrow \text{Prop})$ .

when  $P, R_1 \Rightarrow R_2 \Rightarrow R_1$  preserves  $P \Rightarrow (\forall x, y:T. P(x) \Rightarrow (x (R_1^*) y) \Rightarrow (x (R_2^*) y))$