

**preserved\_by\_or**<sup>4,23</sup>

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

$R_1 \text{ preserves } P \Rightarrow R_2 \text{ preserves } P \Rightarrow R_1 \vee R_2 \text{ preserves } P$