

causal-bijection_wf^{11,40}

$\forall es:\text{ES}, P, Q:(\mathbb{E} \rightarrow \mathbb{P}), f:(\{e:\mathbb{E} \mid P(e)\} \rightarrow \{e:\mathbb{E} \mid Q(e)\}), T, T':\text{Type}, R:(T \rightarrow T' \rightarrow \mathbb{P}).$
 $(\forall e:\mathbb{E}. P(e) \Rightarrow (\text{valtype}(e) \subseteq_r T))$
 $\Rightarrow (\forall e:\mathbb{E}. Q(e) \Rightarrow (\text{valtype}(e) \subseteq_r T'))$
 $\Rightarrow ((e.P(e) \rightarrow e.f(e) \rightarrow e.Q(e)) \text{ with } R \in \mathbb{P})$