

## **R-state-var-da-dom**<sup>0,22</sup>

$\forall i:\text{Id}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, da:k:\text{Knd} \text{ fp} \rightarrow \text{Type}, x:\text{Id}, T:\text{Type}, ks:\text{Knd List},$   
 $tr:(k:\{k:\text{Knd} \mid (k \in ks)\} \rightarrow \text{State}(ds) \rightarrow \text{Valtype}(da;k) \rightarrow T \rightarrow T).$   
 $ds \parallel x : T \Rightarrow (\forall k:\text{Knd}. k \in \text{dom}(\text{R-da}(\text{R-state-var}(i;ds;da;x;T;ks;tr);i)) \Rightarrow (k \in ks))$