

## strong-subtype-set<sup>0,22</sup>

$\forall A, B:\text{Type}.$

$\text{strong-subtype}(A;B)$

$\Rightarrow (\forall P:(A \rightarrow \text{Prop}), Q:(B \rightarrow \text{Prop}).$

$(\forall x:A. P(x) \Rightarrow Q(x)) \Rightarrow \text{strong-subtype}(\{x:A \mid P(x)\};\{x:B \mid Q(x)\}))$