

inject-composes^{11,40}

$\forall A, B_0, B_1, C:\text{Type}, f:(A \rightarrow B_0), g:(B_1 \rightarrow C).$

$\text{strong-subtype}(B_0;B_1) \Rightarrow \text{Inj}(A;B_0;f) \Rightarrow \text{Inj}(B_1;C;g) \Rightarrow \text{Inj}(A;C;g \circ f)$