

Not sound



$$R(s_0, s_1) \Rightarrow i_0 \leq_0 i_1$$

$$R^*(s_1, s) \Rightarrow i_1 \leq_0 i$$

$$s_0 = s \Rightarrow i_0 \leq_0 i$$

$$R(s_0, s_1), R^*(s_1, s) \Rightarrow i_0 \leq_0 i$$

$$R^*(s_0, s) \Rightarrow i_0 \leq_0 i$$