

use-temp : $\forall \{sd \ sd'\} \rightarrow (\mathbf{S} \Rightarrow_s \mathbf{Compl}) \ sd \rightarrow sd \leq_s sd' \rightarrow \mathbf{R} \ sd' \rightarrow \mathbf{I} \ sd'$

use-temp $\beta \ sd \leq_s sd' \ (\mathbf{r-s} \ s) = \beta \ sd \leq_s sd' \ s$

use-temp $\{sd\} \{sd'\} \beta \ sd \leq_s sd' \ (\mathbf{r-unary} \ uop \ s) =$
assign $sd \ sd' \ \beta \ sd \leq_s sd' \ (\mathbf{r-unary} \ uop \ s)$

use-temp $\{sd\} \{sd'\} \beta \ sd \leq_s sd' \ (\mathbf{r-binary} \ s_1 \ bop \ s_2) =$
assign $sd \ sd' \ \beta \ sd \leq_s sd' \ (\mathbf{r-binary} \ s_1 \ bop \ s_2)$