

$\llbracket \text{Lit } i \rrbracket \text{ sd } \gamma \text{ sd} \leq_s \text{sd}' \kappa = \kappa \leq_s\text{-refl } (\text{r-s } (\text{s-lit } i))$

$\llbracket \text{Neg } e \rrbracket \text{ sd } \gamma \text{ sd} \leq_s \text{sd}' \kappa =$
 $\llbracket e \rrbracket \text{ sd } \gamma \text{ sd} \leq_s \text{sd}'$
 $(\text{use-temp } \lambda \text{ sd} \leq_s \text{sd}' s \rightarrow \kappa \text{ sd} \leq_s \text{sd}' (\text{r-unary UNeg } s))$

$\llbracket \text{Plus } e_1 e_2 \rrbracket \text{ sd } \gamma p \kappa =$
 $\llbracket e_1 \rrbracket \text{ sd } \gamma p (\text{use-temp } (\lambda p' s_1 \rightarrow \llbracket e_2 \rrbracket \text{ sd } \gamma (\leq_s\text{-trans } p p')$
 $(\text{use-temp } (\lambda p'' s_2 \rightarrow \kappa (\leq_s\text{-trans } p' p''))$
 $(\text{r-binary } (\text{fmap-S } s_1 p'') \text{ BPlus } s_2))))))$