

$$\text{fmap-l} : \forall \{sd \ sd'\} \rightarrow \mathbb{I} \ sd \rightarrow sd \leq_s sd' \rightarrow \mathbb{I} \ sd'$$

$$\text{fmap-l} \{sd\} \ c \ (\leftarrow f \ f \rightarrow) = \text{popto} \ sd \ (\leftarrow f \ f \rightarrow) \ c$$

$$\begin{aligned} \text{fmap-l} \{ \langle f, d \rangle \} \{ \langle f, d' \rangle \} \ c \ (\leq\text{-d} \ d \leq d') = \\ \text{adjustdisp-dec} \ ((d' - d) \ d \leq d') \ (\longrightarrow_{\leq} \ d \leq d') \\ (\mathbb{I}\text{-sub} \{n = (d' - d) \ d \leq d'\} \ (n - [n - m] = m \ d \leq d') \ c) \end{aligned}$$