

$$\text{RETURN} \frac{}{(S, \text{ return } v) \Rightarrow (S, v)}$$

$$\text{GET} \frac{}{(S, l \bullet \text{ get }) \Rightarrow (S, S(l))}$$

$$\text{PUT} \frac{}{(S, l \bullet \text{ put } v) \Rightarrow (S \cup (l \rightarrow v), [])}$$

$$\text{STEP} \frac{(S, m) \Rightarrow (S', v) \quad [x \mapsto v]e \Downarrow m \quad (S', m) \Rightarrow (S'', v')}{(S, x \leftarrow m ; e) \Rightarrow (S'', v')}$$