$[\text{var}_{\text{ns}}]$	$\dfrac{\langle D_V,\ env_V[x \mapsto l],\ sto[l \mapsto v][\mathsf{next} \mapsto \text{new } l]\rangle \rightarrow_D (env'_V,\ sto')}{\langle \mathtt{var}\ x := a;\ D_V,\ env_V,\ sto\rangle \rightarrow_D (env'_V,\ sto')}$ where $v = \mathcal{A}[\![a]\!](sto \circ env_V)$ and $l = sto\ \mathsf{next}$
$[\text{none}_{\text{ns}}]$	$\langle \varepsilon,\ env_V,\ sto\rangle \rightarrow_D (env_V,\ sto)$

Table 3.5: Natural semantics for variable declarations using locations