

**existse-between3-true**<sup>11,40</sup>

$\forall es:\text{ES}, e_1:\text{E}, e_2:\{e:\text{E} \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} . \exists e \in (e_1, e_2]. \text{True} \iff (e_1 <_{\text{loc}} e_2)$