

$$\begin{array}{c}
\dots \quad (acl \quad \text{company} \quad (prep \quad \text{located} \quad \text{in CA}) \quad)\dots \\
\lambda f g x. \exists z. \quad \lambda x. \text{company}(x_e) \quad \lambda f g z. \exists x. \quad \lambda x. \text{located}(x_e) \quad \frac{}{\lambda z. \text{arg}_{\text{in}}(z_e, x_a) \wedge \text{CA}(x_a)} \\
f(x) \wedge g(x) \wedge \quad f(z) \wedge g(x) \wedge \quad \lambda z. \text{arg}_{\text{in}}(z_e, x_a) \wedge \text{CA}(x_a) \\
\text{arg}_2(z_e, x_a)
\end{array}$$

$$\lambda z. \text{located}(z_e) \wedge \text{CA}(x_a) \wedge \text{arg}_{\text{in}}(z_e, x_a)$$