

$$\begin{aligned}
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) \\
&\quad (\lambda u_6. \llbracket \text{a} \rrbracket^{[6 \rightarrow u_6]} (\llbracket \text{donkey} \rrbracket^{[6 \rightarrow u_6]} (\llbracket \lambda_2 [\text{t}_6 \text{ owns } \text{t}_2] \rrbracket^{[6 \rightarrow u_6]})))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by FA}) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) \\
&\quad (\lambda u_6. \llbracket \text{a} \rrbracket^{[6 \rightarrow u_6]} (\llbracket \text{donkey} \rrbracket^{[6 \rightarrow u_6]} (\lambda u_2. \llbracket [\text{t}_6 \text{ owns } \text{t}_2] \rrbracket^{[2 \rightarrow u_2]})))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by PA}) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) \\
&\quad (\lambda u_6. \llbracket \text{a} \rrbracket^{[6 \rightarrow u_6]} (\llbracket \text{donkey} \rrbracket^{[6 \rightarrow u_6]} \\
&\quad (\lambda u_2. \llbracket \text{owns} \rrbracket^{[2 \rightarrow u_2]} (\llbracket \text{t}_2 \rrbracket^{[6 \rightarrow u_6]} (\llbracket \text{t}_6 \rrbracket^{[2 \rightarrow u_2]})))))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by FA}) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) \\
&\quad (\lambda u_6. \llbracket \text{a} \rrbracket^{[6 \rightarrow u_6]} (\llbracket \text{donkey} \rrbracket^{[6 \rightarrow u_6]} (\lambda u_2. \llbracket \text{owns} \rrbracket^{[2 \rightarrow u_2]} (u_2)(u_6)))))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by TR}) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) (\lambda u_6. \llbracket \text{a} \rrbracket^{[6 \rightarrow u_6]} (\llbracket \text{donkey} \rrbracket^{[6 \rightarrow u_6]} \\
&\quad (\lambda u_2. [\lambda u_3. \lambda u_4. \lambda s_9. u_4(s_9) \text{ owns } u_3(s_9) \text{ in } s_9](u_2)(u_6)))))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by Lex}) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) (\lambda u_6. \llbracket \text{a} \rrbracket^{[6 \rightarrow u_6]} (\llbracket \text{donkey} \rrbracket^{[6 \rightarrow u_6]} \\
&\quad (\lambda u_2. \lambda s_9. u_6(s_9) \text{ owns } u_2(s_9) \text{ in } s_9)))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by } \lambda C) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) \\
&\quad (\lambda u_6. [\lambda f \langle \langle s, e \rangle, \langle s, t \rangle \rangle. \lambda g \langle \langle s, e \rangle, \langle s, t \rangle \rangle. \lambda s_1. \text{there is an individual } x \text{ and a} \\
&\quad \text{situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_1 \text{ and} \\
&\quad f(\lambda s_5. x)(s_2) = 1, \text{ such that there is a situation } s_3 \text{ such that } s_3 \leq s_1 \\
&\quad \text{and } s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and } g(\lambda s_5. x)(s_3) = 1] \\
&\quad (\lambda u_3. \lambda s_6. u_3(s_6) \text{ is a donkey in } s_6) (\lambda u_2. \lambda s_9. u_6(s_9) \text{ owns } u_2(s_9) \text{ in } s_9)))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by Lex}) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) (\lambda u_6. \lambda s_1. \text{there is an individual } x \text{ and} \\
&\quad \text{a situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_1 \text{ and} \\
&\quad [\lambda u_3. \lambda s_6. u_3(s_6) \text{ is a donkey in } s_6] (\lambda s_5. x)(s_2) = 1, \text{ such that there is a} \\
&\quad \text{situation } s_3 \text{ such that } s_3 \leq s_1 \text{ and } s_3 \text{ is a minimal situation such that} \\
&\quad s_2 \leq s_3 \text{ and } [\lambda u_2. \lambda s_9. u_6(s_9) \text{ owns } u_2(s_9) \text{ in } s_9](\lambda s_5. x)(s_3) = 1))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by } \lambda C) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \text{a} \rrbracket^0 (\llbracket \text{man} \rrbracket^0) (\lambda u_6. \lambda s_1. \text{there is an individual } x \text{ and} \\
&\quad \text{a situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_1 \\
&\quad \text{and } x \text{ is a donkey in } s_2, \text{ such that there is a situation } s_3 \text{ such that} \\
&\quad s_3 \leq s_1 \text{ and } s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and } u_6(s_3) \\
&\quad \text{owns } x \text{ in } s_3))) \\
&\quad (\lambda s_8. \text{ix } x \text{ is a man in } s_8 \text{ beats in } s_8 \text{ ix } x \text{ is a donkey in } s_8) \quad (\text{by } \lambda C)
\end{aligned}$$

$$\begin{aligned}
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\llbracket \lambda f_{\langle\langle s, e \rangle, \langle s, t \rangle \rangle} \cdot \lambda g_{\langle\langle s, e \rangle, \langle s, t \rangle \rangle} \cdot \lambda s_6. \text{there is an individual } y \\
&\quad \text{and a situation } s_7 \text{ such that } s_7 \text{ is a minimal situation such that } s_7 \leq s_6 \\
&\quad \text{and } f(\lambda s_5. y)(s_7) = 1, \text{ such that there is a situation } s_9 \text{ such that } s_9 \leq s_6 \\
&\quad \text{and } s_9 \text{ is a minimal situation such that } s_7 \leq s_9 \text{ and } g(\lambda s_5. y)(s_9) = 1] \\
&\quad (\lambda u_3. \lambda s_4. u_3(s_4) \text{ is man in } s_4) (\lambda u_6. \lambda s_1. \text{there is an individual } x \text{ and a} \\
&\quad \text{situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_1 \text{ and } x \\
&\quad \text{is a donkey in } s_2, \text{ such that there is a situation } s_3 \text{ such that } s_3 \leq s_1 \text{ and} \\
&\quad s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and } u_6(s_3) \text{ owns } x \text{ in } s_3)) \\
&\quad (\lambda s_8. \iota x \text{ } x \text{ is a man in } s_8 \text{ beats in } s_8 \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by Lex}) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\lambda s_6. \text{there is an individual } y \text{ and a situation } s_7 \text{ such} \\
&\quad \text{that } s_7 \text{ is a minimal situation such that } s_7 \leq s_6 \text{ and } [\lambda u_3. \lambda s_4. u_3(s_4) \text{ is} \\
&\quad \text{man in } s_4] (\lambda s_5. y)(s_7) = 1, \text{ such that there is a situation } s_9 \text{ such that} \\
&\quad s_9 \leq s_6 \text{ and } s_9 \text{ is a minimal situation such that } s_7 \leq s_9 \text{ and } [\lambda u_6. \lambda s_1. \\
&\quad \text{there is an individual } x \text{ and a situation } s_2 \text{ such that } s_2 \text{ is a minimal} \\
&\quad \text{situation such that } s_2 \leq s_1 \text{ and } x \text{ is a donkey in } s_2, \text{ such that there is a} \\
&\quad \text{situation } s_3 \text{ such that } s_3 \leq s_1 \text{ and } s_3 \text{ is a minimal situation such that} \\
&\quad s_2 \leq s_3 \text{ and } u_6(s_3) \text{ owns } x \text{ in } s_3] (\lambda s_5. y)(s_9) = 1)) \\
&\quad (\lambda s_8. \iota x \text{ } x \text{ is a man in } s_8 \text{ beats in } s_8 \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by } \lambda C) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \text{if} \rrbracket^0 (\lambda s_6. \text{there is an individual } y \text{ and a situation } s_7 \text{ such} \\
&\quad \text{that } s_7 \text{ is a minimal situation such that } s_7 \leq s_6 \text{ and } y \text{ is man in } s_7, \\
&\quad \text{such that there is a situation } s_9 \text{ such that } s_9 \leq s_6 \text{ and } s_9 \text{ is a minimal} \\
&\quad \text{situation such that } s_7 \leq s_9 \text{ and there is an individual } x \text{ and a situation} \\
&\quad s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_9 \text{ and } x \text{ is a} \\
&\quad \text{donkey in } s_2, \text{ such that there is a situation } s_3 \text{ such that } s_3 \leq s_9 \text{ and } s_3 \\
&\quad \text{is a minimal situation such that } s_2 \leq s_3 \text{ and } y \text{ owns } x \text{ in } s_3)) \\
&\quad (\lambda s_8. \iota x \text{ } x \text{ is a man in } s_8 \text{ beats in } s_8 \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by } \lambda C) \\
&= \llbracket \text{always} \rrbracket^0 (\llbracket \lambda p_{\langle s, t \rangle} \cdot p \rrbracket (\lambda s_6. \text{there is an individual } y \text{ and a situation } s_7 \\
&\quad \text{such that } s_7 \text{ is a minimal situation such that } s_7 \leq s_6 \text{ and } y \text{ is man in} \\
&\quad s_7, \text{ such that there is a situation } s_9 \text{ such that } s_9 \leq s_6 \text{ and } s_9 \text{ is a} \\
&\quad \text{minimal situation such that } s_7 \leq s_9 \text{ and there is an individual } x \text{ and} \\
&\quad \text{a situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_9 \\
&\quad \text{and } x \text{ is a donkey in } s_2, \text{ such that there is a situation } s_3 \text{ such that} \\
&\quad s_3 \leq s_9 \text{ and } s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and } y \text{ owns } x \\
&\quad \text{in } s_3)) \\
&\quad (\lambda s_8. \iota x \text{ } x \text{ is a man in } s_8 \text{ beats in } s_8 \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by Lex}) \\
&= \llbracket \text{always} \rrbracket^0 (\lambda s_6. \text{there is an individual } y \text{ and a situation } s_7 \text{ such that } s_7 \\
&\quad \text{is a minimal situation such that } s_7 \leq s_6 \text{ and } y \text{ is man in } s_7, \text{ such that} \\
&\quad \text{there is a situation } s_9 \text{ such that } s_9 \leq s_6 \text{ and } s_9 \text{ is a minimal situation} \\
&\quad \text{such that } s_7 \leq s_9 \text{ and there is an individual } x \text{ and a situation } s_2 \text{ such} \\
&\quad \text{that } s_2 \text{ is a minimal situation such that } s_2 \leq s_9 \text{ and } x \text{ is a donkey in } s_2,
\end{aligned}$$

such that there is a situation s_3 such that $s_3 \leq s_9$ and s_3 is a minimal situation such that $s_2 \leq s_3$ and y owns x in s_3)
 $(\lambda s_8. \iota x x \text{ is a man in } s_8 \text{ beats in } s_8 \iota x x \text{ is a donkey in } s_8)$ (by λC)
 $= [\lambda p_{\langle s, t \rangle}. \lambda q_{\langle s, t \rangle}. \lambda s_1. \text{ for every minimal situation } s_4 \text{ such that } s_4 \leq s_1 \text{ and } p(s_4) = 1, \text{ there is a situation } s_5 \text{ such that } s_5 \leq s_1 \text{ and } s_5 \text{ is a minimal situation such that } s_4 \leq s_5 \text{ and } q(s_5) = 1}] (\lambda s_6. \text{ there is an individual } y \text{ and a situation } s_7 \text{ such that } s_7 \text{ is a minimal situation such that } s_7 \leq s_6 \text{ and } y \text{ is man in } s_7, \text{ such that there is a situation } s_9 \text{ such that } s_9 \leq s_6 \text{ and } s_9 \text{ is a minimal situation such that } s_7 \leq s_9 \text{ and there is an individual } x \text{ and a situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_9 \text{ and } x \text{ is a donkey in } s_2, \text{ such that there is a situation } s_3 \text{ such that } s_3 \leq s_9 \text{ and } s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and } y \text{ owns } x \text{ in } s_3)$
 $(\lambda s_8. \iota x x \text{ is a man in } s_8 \text{ beats in } s_8 \iota x x \text{ is a donkey in } s_8)$ (by Lex)
 $= \lambda s_1. \text{ for every minimal situation } s_4 \text{ such that}$
 $s_4 \leq s_1 \text{ and there is an individual } y \text{ and a situation } s_7 \text{ such}$
 $\text{that } s_7 \text{ is a minimal situation such that } s_7 \leq s_4 \text{ and } y \text{ is man}$
 $\text{in } s_7, \text{ such that there is a situation } s_9 \text{ such that } s_9 \leq s_4 \text{ and } s_9$
 $\text{is a minimal situation such that } s_7 \leq s_9 \text{ and there is an}$
 $\text{individual } x \text{ and a situation } s_2 \text{ such that } s_2 \text{ is a minimal}$
 $\text{situation such that } s_2 \leq s_9 \text{ and } x \text{ is a donkey in } s_2, \text{ such that}$
 $\text{there is a situation } s_3 \text{ such that } s_3 \leq s_9 \text{ and } s_3 \text{ is a minimal}$
 $\text{situation such that } s_2 \leq s_3 \text{ and } y \text{ owns } x \text{ in } s_3,$
 $\text{there is a situation } s_5 \text{ such that}$
 $s_5 \leq s_1 \text{ and } s_5 \text{ is a minimal situation such that } s_4 \leq s_5 \text{ and}$
 $\iota x x \text{ is a man in } s_5 \text{ beats in } s_5 \iota x x \text{ is a donkey in } s_5$ (by λC)

B.2 A Relative-Clause Donkey Sentence

There follows a calculation establishing the truth conditions for a donkey sentence containing a QP and relative clause. See section 2.3.2.

$$\begin{aligned} & \text{[[[every [man [who } [\lambda_6 \text{ [[a donkey] } [\lambda_2 \text{ [t}_6 \text{ owns t}_2\text{]]]]]]]] [beats [it} \\ & \text{donkey]]]]^0 \\ &= \text{[[every]]}^0 \left(\text{[[man [who } [\lambda_6 \text{ [[a donkey] } [\lambda_2 \text{ [t}_6 \text{ owns t}_2\text{]]]]]]]}^0 \right) \\ & \left(\text{[[beats]]}^0 \left(\text{[[it]]}^0 \left(\text{[[donkey]]}^0 \right) \right) \right) \quad \text{(by FA)} \\ &= \text{[[every]]}^0 \left(\text{[[man [who } [\lambda_6 \text{ [[a donkey] } [\lambda_2 \text{ [t}_6 \text{ owns t}_2\text{]]]]]]]}^0 \right) \\ & \left([\lambda u_1. \lambda u_2. \lambda s_8. u_2(s_8) \text{ beats in } s_8 u_1(s_8)] \right) \\ & \left([\lambda f_{\langle \langle s, e \rangle, \langle s, t \rangle \rangle}. \lambda s_7 : \exists! x f(\lambda s_9. x)(s_7) = 1. \iota x f(\lambda s_9. x)(s_7) = 1] \right) \\ & \left(\lambda u_3. \lambda s_6. u_3(s_6) \text{ is a donkey in } s_6 \right) \quad \text{(by Lex)} \end{aligned}$$

$$\begin{aligned}
&= \llbracket \text{every} \rrbracket^0 (\lambda u_1. \lambda s_7. u_1(s_7) \text{ is a man in } s_7 \text{ and} \\
&\quad \llbracket \text{a} \rrbracket^{[6 \rightarrow u_1]} (\llbracket \text{donkey} \rrbracket^{[6 \rightarrow u_1]} \\
&\quad (\lambda u_4. [\lambda u_5. \lambda u_6. \lambda s_9. u_6(s_9) \text{ owns } u_5(s_9) \text{ in } s_9](u_4)(u_1)))(s_7) = 1) \\
&\quad (\lambda u_2. \lambda s_8. u_2(s_8) \text{ beats in } s_8 \text{ } \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by Lex}) \\
&= \llbracket \text{every} \rrbracket^0 (\lambda u_1. \lambda s_7. u_1(s_7) \text{ is a man in } s_7 \text{ and} \\
&\quad \llbracket \text{a} \rrbracket^{[6 \rightarrow u_1]} (\llbracket \text{donkey} \rrbracket^{[6 \rightarrow u_1]} \\
&\quad (\lambda u_4. \lambda s_9. u_1(s_9) \text{ owns } u_4(s_9) \text{ in } s_9))(s_7) = 1) \\
&\quad (\lambda u_2. \lambda s_8. u_2(s_8) \text{ beats in } s_8 \text{ } \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by } \lambda C) \\
&= \llbracket \text{every} \rrbracket^0 (\lambda u_1. \lambda s_7. u_1(s_7) \text{ is a man in } s_7 \text{ and} \\
&\quad \llbracket \lambda f_{\langle\langle s, e \rangle, \langle s, t \rangle\rangle}. \lambda g_{\langle\langle s, e \rangle, \langle s, t \rangle\rangle}. \lambda s_1. \text{ there is an individual } x \text{ and a} \\
&\quad \text{situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_1 \text{ and} \\
&\quad f(\lambda s_5. x)(s_2) = 1, \text{ such that there is a situation } s_3 \text{ such that } s_3 \leq s_1 \text{ and} \\
&\quad s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and } g(\lambda s_5. x)(s_3) = 1] \\
&\quad (\lambda u_3. \lambda s_6. u_3(s_6) \text{ is a donkey in } s_6) (\lambda u_4. \lambda s_9. u_1(s_9) \text{ owns } u_4(s_9) \text{ in } s_9) \\
&\quad (s_7) = 1) \\
&\quad (\lambda u_2. \lambda s_8. u_2(s_8) \text{ beats in } s_8 \text{ } \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by Lex}) \\
&= \llbracket \text{every} \rrbracket^0 (\lambda u_1. \lambda s_7. u_1(s_7) \text{ is a man in } s_7 \text{ and } [\lambda s_1. \text{ there is an individual} \\
&\quad x \text{ and a situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that} \\
&\quad s_2 \leq s_1 \text{ and } x \text{ is a donkey in } s_2, \text{ such that there is a situation } s_3 \text{ such} \\
&\quad \text{that } s_3 \leq s_1 \text{ and } s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and } u_1(s_3) \\
&\quad \text{owns } x \text{ in } s_3](s_7) = 1) \\
&\quad (\lambda u_2. \lambda s_8. u_2(s_8) \text{ beats in } s_8 \text{ } \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by } \lambda C) \\
&= \llbracket \text{every} \rrbracket^0 (\lambda u_1. \lambda s_7. u_1(s_7) \text{ is a man in } s_7 \text{ and there is an individual } x \\
&\quad \text{and a situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_7 \\
&\quad \text{and } x \text{ is a donkey in } s_2, \text{ such that there is a situation } s_3 \text{ such that} \\
&\quad s_3 \leq s_7 \text{ and } s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and } u_1(s_3) \text{ owns} \\
&\quad x \text{ in } s_3) (\lambda u_2. \lambda s_8. u_2(s_8) \text{ beats in } s_8 \text{ } \iota x \text{ } x \text{ is a donkey in } s_8) \quad (\text{by } \lambda C) \\
&= \llbracket \lambda f_{\langle\langle s, e \rangle, \langle s, t \rangle\rangle}. \lambda g_{\langle\langle s, e \rangle, \langle s, t \rangle\rangle}. \lambda s_4. \text{ for every individual } y: \text{ for every} \\
&\quad \text{minimal situation } s_5 \text{ such that } s_5 \leq s_4 \text{ and } f(\lambda s_1. y)(s_5) = 1, \text{ there is a} \\
&\quad \text{situation } s_6 \text{ such that } s_6 \leq s_4 \text{ and } s_6 \text{ is a minimal situation such that} \\
&\quad s_5 \leq s_6 \text{ and } g(\lambda s_1. y)(s_6) = 1] (\lambda u_1. \lambda s_7. u_1(s_7) \text{ is a man in } s_7 \text{ and there} \\
&\quad \text{is an individual } x \text{ and a situation } s_2 \text{ such that } s_2 \text{ is a minimal situation} \\
&\quad \text{such that } s_2 \leq s_7 \text{ and } x \text{ is a donkey in } s_2, \text{ such that there is a situation} \\
&\quad s_3 \text{ such that } s_3 \leq s_7 \text{ and } s_3 \text{ is a minimal situation such that } s_2 \leq s_3 \text{ and} \\
&\quad u_1(s_3) \text{ owns } x \text{ in } s_3) \\
&\quad (\lambda u_2. \lambda s_8. u_2(s_8) \text{ beats in } s_8 \text{ } \iota z \text{ } z \text{ is a donkey in } s_8) \quad (\text{by Lex}) \\
&= \lambda s_4. \text{ for every individual } y: \text{ for every minimal situation } s_5 \text{ such that} \\
&\quad s_5 \leq s_4 \text{ and } [\lambda u_1. \lambda s_7. u_1(s_7) \text{ is a man in } s_7 \text{ and there is an individual } x \\
&\quad \text{and a situation } s_2 \text{ such that } s_2 \text{ is a minimal situation such that } s_2 \leq s_7 \\
&\quad \text{and } x \text{ is a donkey in } s_2, \text{ such that there is a situation } s_3 \text{ such that}
\end{aligned}$$

$s_3 \leq s_7$ and s_3 is a minimal situation such that $s_2 \leq s_3$ and $u_1(s_3)$ owns x in s_3] $(\lambda s_1.y)(s_5) = 1$, there is a situation s_6 such that $s_6 \leq s_4$ and s_6 is a minimal situation such that $s_5 \leq s_6$ and $[\lambda u_2. \lambda s_8. u_2(s_8)$ beats in s_8 $\wedge z$ is a donkey in s_8] $(\lambda s_1.y)(s_6) = 1$ (by λC)
 $= \lambda s_4.$ for every individual y :

for every minimal situation s_5 such that

$s_5 \leq s_4$ and y is a man in s_5 and there is an individual x and a situation s_2 such that s_2 is a minimal situation such that $s_2 \leq s_5$ and x is a donkey in s_2 , such that there is a situation s_3 such that $s_3 \leq s_5$ and s_3 is a minimal situation such that $s_2 \leq s_3$ and y owns x in s_3 ,

there is a situation s_6 such that

$s_6 \leq s_4$ and s_6 is a minimal situation such that $s_5 \leq s_6$ and y beats in s_6 $\wedge z$ is a donkey in s_6 (by λC)