

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{think_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } h_{10}, \text{ARG3 } i_9), \\ h_{11}:\text{pron}(\text{ARG0 } x_{12}), \\ h_{13}:\text{pronoun_q}(\text{ARG0 } x_{12}, \text{RSTR } h_{14}, \text{BODY } h_{15}), \\ h_{16}:\text{bark_v_1}(\text{ARG0 } e_{17}, \text{ARG1 } x_{12}) \end{array} \right\} \rangle$
 $\{ h_{14} =_q h_{11}, h_{10} =_q h_{16}, h_7 =_q h_4, h_1 =_q h_2 \}$
 [101] *We thought that they barked.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{forget_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } h_9), \\ h_{10}:\text{pron}(\text{ARG0 } x_{11}), \\ h_{12}:\text{pronoun_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{13}, \text{BODY } h_{14}), \\ h_{15}:\text{vote_v_1}(\text{ARG0 } e_{16}, \text{ARG1 } x_{11}) \end{array} \right\} \rangle$
 $\{ h_{13} =_q h_{10}, h_9 =_q h_{15}, h_7 =_q h_4, h_1 =_q h_2 \}$
 [102] *They forgot that they had voted.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{know_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } h_9), \\ h_{10}:\text{person}(\text{ARG0 } x_{11}), \\ h_{12}:\text{which_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{13}, \text{BODY } h_{14}), \\ h_{15}:\text{neg}(\text{ARG0 } e_{17}, \text{ARG1 } h_{16}), \\ h_{18}:\text{arrive_v_1}(\text{ARG0 } e_{19}, \text{ARG1 } x_{11}), \\ h_{15}:\text{yet_a_1}(\text{ARG0 } e_{20}, \text{ARG1 } e_{19}) \end{array} \right\} \rangle$
 $\{ h_{16} =_q h_{18}, h_{13} =_q h_{10}, h_9 =_q h_{15}, h_7 =_q h_4, h_1 =_q h_2 \}$
 [103] *She knew who hadn't arrived yet.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{rely_v_on}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } x_9), \\ h_{10}:\text{udef_q}(\text{ARG0 } x_9, \text{RSTR } h_{11}, \text{BODY } h_{12}), \\ h_{13}:\text{nominalization}(\text{ARG0 } x_9, \text{ARG1 } h_{14}), \\ h_{15}:\text{thing}(\text{ARG0 } x_{16}), \\ h_{17}:\text{which_q}(\text{ARG0 } x_{16}, \text{RSTR } h_{18}, \text{BODY } h_{19}), \\ h_{20}:\text{pron}(\text{ARG0 } x_{21}), \\ h_{22}:\text{pronoun_q}(\text{ARG0 } x_{21}, \text{RSTR } h_{23}, \text{BODY } h_{24}), \\ h_{14}:\text{say_v_1}(\text{ARG0 } e_{25}, \text{ARG1 } x_{21}, \text{ARG2 } x_{16}) \end{array} \right\} \rangle$
 $\{ h_{23} =_q h_{20}, h_{18} =_q h_{15}, h_{11} =_q h_{13}, h_7 =_q h_4, h_1 =_q h_2 \}$
 [104] *He relied on what they said.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{udef_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8:\text{nominalization}(\text{ARG0 } x_6, \text{ARG1 } h_9), \\ h_9:\text{unspec_manner}(\text{ARG0 } e_{12}, \text{ARG1 } e_{11}, \text{ARG2 } x_{10}), \\ h_{13}:\text{which_q}(\text{ARG0 } x_{10}, \text{RSTR } h_{14}, \text{BODY } h_{15}), \\ h_{16}:\text{manner}(\text{ARG0 } x_{10}), \\ h_{17}:\text{pron}(\text{ARG0 } x_{18}), \\ h_{19}:\text{pronoun_q}(\text{ARG0 } x_{18}, \text{RSTR } h_{20}, \text{BODY } h_{21}), \\ h_9:\text{vote_v_1}(\text{ARG0 } e_{11}, \text{ARG1 } x_{18}), \\ h_2:\text{surprise_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_{22}), \\ h_{23}:\text{pron}(\text{ARG0 } x_{22}), \\ h_{24}:\text{pronoun_q}(\text{ARG0 } x_{22}, \text{RSTR } h_{25}, \text{BODY } h_{26}) \end{array} \right\} \rangle$
 $\{ h_{25} =_q h_{23}, h_{20} =_q h_{17}, h_{14} =_q h_{16}, h_5 =_q h_8, h_1 =_q h_2 \}$
 [105] *How they voted surprised me.*

$\langle h_1, \left\{ \begin{array}{l} h_2:\text{focus_d}(\text{ARG0 } e_5, \text{ARG1 } e_3, \text{ARG2 } e_4), \\ h_6:\text{pron}(\text{ARG0 } x_7), \\ h_8:\text{pronoun_q}(\text{ARG0 } x_7, \text{RSTR } h_9, \text{BODY } h_{10}), \\ h_{11}:\text{_vote_v_1}(\text{ARG0 } e_4, \text{ARG1 } x_7), \\ h_{11}:\text{loc_nonsp}(\text{ARG0 } e_{12}, \text{ARG1 } e_4, \text{ARG2 } x_{13}), \\ h_{14}:\text{time_n}(\text{ARG0 } x_{13}), \\ h_{15}:\text{def_implicit_q}(\text{ARG0 } x_{13}, \text{RSTR } h_{16}, \text{BODY } h_{17}), \\ h_{14}:\text{_early_a_1}(\text{ARG0 } e_{18}, \text{ARG1 } x_{13}), \\ h_2:\text{_surprise_v_1}(\text{ARG0 } e_3, \text{ARG1 } h_{20}, \text{ARG2 } x_{19}), \\ h_{21}:\text{pron}(\text{ARG0 } x_{19}), \\ h_{22}:\text{pronoun_q}(\text{ARG0 } x_{19}, \text{RSTR } h_{23}, \text{BODY } h_{24}) \end{array} \right\} \rangle$
 $\{ h_{23} =_q h_{21}, h_{20} =_q h_{11}, h_{16} =_q h_{14}, h_9 =_q h_6, h_1 =_q h_2 \}$
 [106] *That they voted early surprised me.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_9:\text{udef_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{10}, \text{BODY } h_{12}), \\ h_{13}:\text{nominalization}(\text{ARG0 } x_{11}, \text{ARG1 } h_{14}), \\ h_{14}:\text{_vote_v_1}(\text{ARG0 } e_{15}, \text{ARG1 } x_5), \\ h_{14}:\text{loc_nonsp}(\text{ARG0 } e_{16}, \text{ARG1 } e_{15}, \text{ARG2 } x_{17}), \\ h_{18}:\text{time_n}(\text{ARG0 } x_{17}), \\ h_{19}:\text{def_implicit_q}(\text{ARG0 } x_{17}, \text{RSTR } h_{20}, \text{BODY } h_{21}), \\ h_{18}:\text{_early_a_1}(\text{ARG0 } e_{22}, \text{ARG1 } x_{17}), \\ h_2:\text{_surprise_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_{11}, \text{ARG2 } x_{23}), \\ h_{24}:\text{pron}(\text{ARG0 } x_{23}), \\ h_{25}:\text{pronoun_q}(\text{ARG0 } x_{23}, \text{RSTR } h_{26}, \text{BODY } h_{27}) \end{array} \right\} \rangle$
 $\{ h_{26} =_q h_{24}, h_{20} =_q h_{18}, h_{10} =_q h_{13}, h_7 =_q h_4, h_1 =_q h_2 \}$
 [107] *Them voting early surprised me.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{def_explicit_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8:\text{poss}(\text{ARG0 } e_{10}, \text{ARG1 } x_6, \text{ARG2 } x_9), \\ h_{11}:\text{pronoun_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{13}), \\ h_{14}:\text{pron}(\text{ARG0 } x_9), \\ h_8:\text{nominalization}(\text{ARG0 } x_6, \text{ARG1 } h_{15}), \\ h_{15}:\text{_vote_v_1}(\text{ARG0 } e_{16}, \text{ARG1 } x_9), \\ h_{15}:\text{loc_nonsp}(\text{ARG0 } e_{17}, \text{ARG1 } e_{16}, \text{ARG2 } x_{18}), \\ h_{19}:\text{time_n}(\text{ARG0 } x_{18}), \\ h_{20}:\text{def_implicit_q}(\text{ARG0 } x_{18}, \text{RSTR } h_{21}, \text{BODY } h_{22}), \\ h_{19}:\text{_early_a_1}(\text{ARG0 } e_{23}, \text{ARG1 } x_{18}), \\ h_2:\text{_surprise_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_{24}), \\ h_{25}:\text{pron}(\text{ARG0 } x_{24}), \\ h_{26}:\text{pronoun_q}(\text{ARG0 } x_{24}, \text{RSTR } h_{27}, \text{BODY } h_{28}) \end{array} \right\} \rangle$
 $\{ h_{27} =_q h_{25}, h_{21} =_q h_{19}, h_{12} =_q h_{14}, h_7 =_q h_8, h_1 =_q h_2 \}$
 [108] *Their voting early surprised me.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{def_explicit_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8:\text{poss}(\text{ARG0 } e_{10}, \text{ARG1 } x_6, \text{ARG2 } x_9), \\ h_{11}:\text{pronoun_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{13}), \\ h_{14}:\text{pron}(\text{ARG0 } x_9), \\ h_8:\text{_early_a_1}(\text{ARG0 } e_{15}, \text{ARG1 } x_6), \\ h_{16}:\text{_vote_v_1}(\text{ARG0 } e_{17}, \text{ARG1 } i_{18}), \\ h_8:\text{nominalization}(\text{ARG0 } x_6, \text{ARG1 } h_{16}), \\ h_2:\text{_surprise_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_{19}), \\ h_{20}:\text{pron}(\text{ARG0 } x_{19}), \\ h_{21}:\text{pronoun_q}(\text{ARG0 } x_{19}, \text{RSTR } h_{22}, \text{BODY } h_{23}) \end{array} \right\} \rangle$
 $\{ h_{22} =_q h_{20}, h_{12} =_q h_{14}, h_7 =_q h_8, h_1 =_q h_2 \}$
 [109] *Their early voting surprised me.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{udef_q}(\text{ARG0 } x_5, \text{RSTR } h_6, \text{BODY } h_7), \\ h_8:\text{proper_q}(\text{ARG0 } x_{10}, \text{RSTR } h_9, \text{BODY } h_{11}), \\ h_{12}:\text{named}(\text{ARG0 } x_{10}, \text{CARG } \textit{Abrams}), \\ h_{13}:\text{_and_c}(\text{ARG0 } x_5, \text{L-INDEX } x_{10}, \text{R-INDEX } x_{14}), \\ h_{15}:\text{proper_q}(\text{ARG0 } x_{14}, \text{RSTR } h_{16}, \text{BODY } h_{17}), \\ h_{18}:\text{named}(\text{ARG0 } x_{14}, \text{CARG } \textit{Browne}), \\ h_2:\text{_dance_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } p_{19}) \end{array} \right\} \rangle$
 $\{ h_{16} =_q h_{18}, h_9 =_q h_{12}, h_6 =_q h_{13}, h_1 =_q h_2 \}$
 [201] *Abrams and Browne danced.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{udef_q}(\text{ARG0 } x_{10}, \text{RSTR } h_9, \text{BODY } h_{11}), \\ h_{12}: \text{dog_n_1}(\text{ARG0 } x_{10}), \\ h_{13}: \text{udef_q}(\text{ARG0 } x_{15}, \text{RSTR } h_{14}, \text{BODY } h_{16}), \\ h_{17}: \text{implicit_conj}(\text{ARG0 } x_6, \text{L-INDEX } x_{10}, \text{R-INDEX } x_{18}), \\ h_{19}: \text{udef_q}(\text{ARG0 } x_{18}, \text{RSTR } h_{20}, \text{BODY } h_{21}), \\ h_{22}: \text{cat_n_1}(\text{ARG0 } x_{15}), \\ h_{23}: \text{udef_q}(\text{ARG0 } x_{24}, \text{RSTR } h_{25}, \text{BODY } h_{26}), \\ h_{27}: \text{or_c}(\text{ARG0 } x_{18}, \text{L-INDEX } x_{15}, \text{R-INDEX } x_{24}), \\ h_{28}: \text{picture_n_of}(\text{ARG0 } x_{24}, \text{ARG1 } i_{29}), \\ h_{29}: \text{arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_{25} =_q h_{28}, h_{20} =_q h_{27}, h_{14} =_q h_{22}, h_9 =_q h_{12}, h_7 =_q h_{17}, h_1 =_q h_2 \}$
 [202] *The dog, cat, or picture arrived.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{def_explicit_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{poss}(\text{ARG0 } e_{10}, \text{ARG1 } x_6, \text{ARG2 } x_9), \\ h_{11}: \text{pronoun_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{13}), \\ h_{14}: \text{pron}(\text{ARG0 } x_9), \\ h_{15}: \text{udef_q}(\text{ARG0 } x_{17}, \text{RSTR } h_{16}, \text{BODY } h_{18}), \\ h_8: \text{id}(\text{ARG0 } i_{20}, \text{ARG1 } x_{17}, \text{ARG2 } x_{19}), \\ h_{21}: \text{friend_n_1}(\text{ARG0 } x_{17}), \\ h_{22}: \text{udef_q}(\text{ARG0 } x_{19}, \text{RSTR } h_{23}, \text{BODY } h_{24}), \\ h_8: \text{and_c}(\text{ARG0 } x_6, \text{L-INDEX } x_{17}, \text{R-INDEX } x_{19}), \\ h_{25}: \text{colleague_n_1}(\text{ARG0 } x_{19}), \\ h_{29}: \text{arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_{23} =_q h_{25}, h_{16} =_q h_{21}, h_{12} =_q h_{14}, h_7 =_q h_8, h_1 =_q h_2 \}$
 [203] *My friend and colleague arrived.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{proper_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8: \text{named}(\text{ARG0 } x_6, \text{CARG } \textit{Abrams}), \\ h_9: \text{bark_v_1}(\text{ARG0 } e_{10}, \text{ARG1 } x_6), \\ h_2: \text{and_c}(\text{ARG0 } e_3, \text{L-HNDL } h_9, \text{L-INDEX } e_{10}, \text{R-HNDL } h_{12}, \text{R-INDEX } e_{11}), \\ h_{12}: \text{old_a_1}(\text{ARG0 } e_{11}, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_5 =_q h_8, h_1 =_q h_2 \}$
 [204] *Abrams barked and was old.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{proper_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8: \text{named}(\text{ARG0 } x_6, \text{CARG } \textit{Abrams}), \\ h_9: \text{want_v_1}(\text{ARG0 } e_{10}, \text{ARG1 } x_6, \text{ARG2 } h_{10}), \\ h_2: \text{and_c}(\text{ARG0 } e_3, \text{L-HNDL } h_9, \text{L-INDEX } e_{10}, \text{R-HNDL } h_{13}, \text{R-INDEX } e_{12}), \\ h_{13}: \text{expect_v_1}(\text{ARG0 } e_{12}, \text{ARG1 } x_6, \text{ARG2 } h_{10}), \\ h_{11}: \text{arrive_v_1}(\text{ARG0 } e_{11}, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_{10} =_q h_{11}, h_5 =_q h_8, h_1 =_q h_2 \}$
 [205] *Abrams wanted and expected to arrive.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_9: \text{old_a_1}(\text{ARG0 } e_{10}, \text{ARG1 } x_6), \\ h_2: \text{and_c}(\text{ARG0 } e_3, \text{L-HNDL } h_9, \text{L-INDEX } e_{10}, \text{R-HNDL } h_{11}, \text{R-INDEX } e_{12}), \\ h_{11}: \text{fierce_a_1}(\text{ARG0 } e_{12}, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_7 =_q h_8, h_1 =_q h_2 \}$
 [206] *The dog is old and fierce.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_{29}: \text{bark_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6), \\ h_9: \text{on_p_temp}(\text{ARG0 } e_{10}, \text{ARG1 } e_3, \text{ARG2 } x_{11}), \\ h_{12}: \text{proper_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{13}, \text{BODY } h_{14}), \\ h_{15}: \text{dofw}(\text{ARG0 } x_{11}, \text{CARG } \textit{Mon}), \\ h_2: \text{and_c}(\text{ARG0 } e_{16}, \text{L-HNDL } h_9, \text{L-INDEX } e_{10}, \text{R-HNDL } h_{17}, \text{R-INDEX } e_{18}), \\ h_{17}: \text{on_p_temp}(\text{ARG0 } e_{18}, \text{ARG1 } e_3, \text{ARG2 } x_{19}), \\ h_{20}: \text{proper_q}(\text{ARG0 } x_{19}, \text{RSTR } h_{21}, \text{BODY } h_{22}), \\ h_{23}: \text{dofw}(\text{ARG0 } x_{19}, \text{CARG } \textit{Wed}) \end{array} \right\} \rangle$
 $\{ h_{21} =_q h_{23}, h_{13} =_q h_{15}, h_7 =_q h_8, h_1 =_q h_2 \}$
 [207] *The dog barked on Monday and on Wednesday.*

$\langle h_1, \left[\begin{array}{l} h_4:\text{person}(\text{ARG0 } x_5), \\ h_6:\text{which_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{ellipsis_ref}(\text{ARG0 } e_3, \text{ARG1 } x_5) \\ \{ h_7 =_q h_4, h_1 =_q h_2 \} \end{array} \right] \rangle$
 [301] *Who is?*

$\langle h_1, \left[\begin{array}{l} h_2:\text{ellipsis_ref}(\text{ARG0 } e_3, \text{ARG1 } x_4), \\ h_5:\text{pron}(\text{ARG0 } x_4), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_4, \text{RSTR } h_7, \text{BODY } h_8) \\ \{ h_7 =_q h_5, h_1 =_q h_2 \} \end{array} \right] \rangle$
 [302] *Did you?*

$\langle h_1, \left[\begin{array}{l} h_2:\text{ellipsis_expl}(\text{ARG0 } e_3, \text{ARG1 } u_4) \\ \{ h_1 =_q h_2 \} \end{array} \right] \rangle$
 [303] *There were.*

$\langle h_1, \left[\begin{array}{l} h_4:\text{proper_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8:\text{named}(\text{ARG0 } x_6, \text{CARG } \textit{Abrams}), \\ h_2:\text{try_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } h_9), \\ h_{10}:\text{ellipsis_ref}(\text{ARG0 } e_{11}, \text{ARG1 } x_6) \\ \{ h_9 =_q h_{10}, h_5 =_q h_8, h_1 =_q h_2 \} \end{array} \right] \rangle$
 [304] *Abrams tried to.*

$\langle h_1, \left[\begin{array}{l} h_4:\text{proper_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8:\text{named}(\text{ARG0 } x_6, \text{CARG } \textit{Abrams}), \\ h_2:\text{be_v_id}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_9), \\ h_{10}:\text{proper_q}(\text{ARG0 } x_9, \text{RSTR } h_{11}, \text{BODY } h_{12}), \\ h_{13}:\text{named}(\text{ARG0 } x_9, \text{CARG } \textit{Browne}) \\ \{ h_{11} =_q h_{13}, h_5 =_q h_8, h_1 =_q h_2 \} \end{array} \right] \rangle$
 [401] *Abrams is Browne.*

$\langle h_1, \left[\begin{array}{l} h_4:\text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8:\text{theory_n_of}(\text{ARG0 } x_6, \text{ARG1 } i_9), \\ h_2:\text{be_v_nv}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } h_{10}), \\ h_{11}:\text{proper_q}(\text{ARG0 } x_{13}, \text{RSTR } h_{12}, \text{BODY } h_{14}), \\ h_{15}:\text{named}(\text{ARG0 } x_{13}, \text{CARG } \textit{Browne}), \\ h_{10}:\text{arrive_v_1}(\text{ARG0 } e_{16}, \text{ARG1 } x_{13}) \\ \{ h_{12} =_q h_{15}, h_7 =_q h_8, h_1 =_q h_2 \} \end{array} \right] \rangle$
 [402] *The theory is that Browne arrived.*

$\langle h_1, \left[\begin{array}{l} h_4:\text{generic_entity}(\text{ARG0 } x_5), \\ h_6:\text{all_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_9:\text{proper_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{10}, \text{BODY } h_{12}), \\ h_{13}:\text{named}(\text{ARG0 } x_{11}, \text{CARG } \textit{Browne}), \\ h_4:\text{can_v_modal}(\text{ARG0 } e_{15}, \text{ARG1 } h_{14}), \\ h_{16}:\text{do_v_be}(\text{ARG0 } e_{17}, \text{ARG1 } x_{11}, \text{ARG2 } x_5), \\ h_2:\text{be_v_do}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } h_{18}), \\ h_{19}:\text{arrive_v_1}(\text{ARG0 } e_{20}, \text{ARG1 } x_{11}) \\ \{ h_{18} =_q h_{19}, h_{14} =_q h_{16}, h_{10} =_q h_{13}, h_7 =_q h_4, h_1 =_q h_2 \} \end{array} \right] \rangle$
 [403] *All Browne could do was arrive.*

$\langle h_1, \left[\begin{array}{l} h_2:\text{with_x_subord}(\text{ARG0 } e_4, \text{ARG1 } h_6, \text{ARG2 } h_5), \\ h_7:\text{cop_id}(\text{ARG0 } i_{10}, \text{ARG1 } x_9, \text{ARG2 } x_8), \\ h_{11}:\text{proper_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{13}), \\ h_{14}:\text{named}(\text{ARG0 } x_9, \text{CARG } \textit{Browne}), \\ h_{15}:\text{the_q}(\text{ARG0 } x_8, \text{RSTR } h_{17}, \text{BODY } h_{16}), \\ h_{18}:\text{manager_n_of}(\text{ARG0 } x_8, \text{ARG1 } i_{19}), \\ h_{20}:\text{proper_q}(\text{ARG0 } x_{22}, \text{RSTR } h_{21}, \text{BODY } h_{23}), \\ h_{24}:\text{named}(\text{ARG0 } x_{22}, \text{CARG } \textit{Abrams}), \\ h_{25}:\text{arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_{22}) \\ \{ h_{21} =_q h_{24}, h_{17} =_q h_{18}, h_{12} =_q h_{14}, h_5 =_q h_7, h_6 =_q h_{25}, h_1 =_q h_2 \} \end{array} \right] \rangle$
 [404] *With Browne the manager, Abrams arrived.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{proper_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8:\text{named}(\text{ARG0 } x_6, \text{CARG } \textit{Browne}), \\ h_2:\text{be_v_id}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_9), \\ h_{10}:\text{a_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{11}), \\ h_{13}:\text{manager_n_of}(\text{ARG0 } x_9, \text{ARG1 } i_{14}) \end{array} \right\} \mid \{ h_{12} =_q h_{13}, h_5 =_q h_8, h_1 =_q h_2 \} \rangle$
 [405] *Browne is a manager.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8:\text{reason_n_for}(\text{ARG0 } x_6, \text{ARG1 } i_9), \\ h_2:\text{colon_nv}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } h_{10}), \\ h_{11}:\text{proper_q}(\text{ARG0 } x_{13}, \text{RSTR } h_{12}, \text{BODY } h_{14}), \\ h_{15}:\text{named}(\text{ARG0 } x_{13}, \text{CARG } \textit{Browne}), \\ h_{10}:\text{arrive_v_1}(\text{ARG0 } e_{16}, \text{ARG1 } x_{13}) \end{array} \right\} \mid \{ h_{12} =_q h_{15}, h_7 =_q h_8, h_1 =_q h_2 \} \rangle$
 [406] *The reason: Browne arrived.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8:\text{plan_n_1}(\text{ARG0 } x_6), \\ h_2:\text{be_v_nv}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } h_9), \\ h_9:\text{sleep_v_1}(\text{ARG0 } e_{15}, \text{ARG1 } u_{11}), \\ h_9:\text{more_a_1}(\text{ARG0 } e_{16}, \text{ARG1 } e_{15}) \end{array} \right\} \mid \{ h_7 =_q h_8, h_1 =_q h_2 \} \rangle$
 [407] *The plan is to sleep more.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{bark_v_1}(\text{ARG0 } e_5, \text{ARG1 } i_6), \\ h_7:\text{udef_q}(\text{ARG0 } x_9, \text{RSTR } h_8, \text{BODY } h_{10}), \\ h_{11}:\text{nominalization}(\text{ARG0 } x_9, \text{ARG1 } h_4), \\ h_2:\text{bother_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_9, \text{ARG2 } x_{12}), \\ h_{13}:\text{proper_q}(\text{ARG0 } x_{12}, \text{RSTR } h_{14}, \text{BODY } h_{15}), \\ h_{16}:\text{named}(\text{ARG0 } x_{12}, \text{CARG } \textit{Browne}) \end{array} \right\} \mid \{ h_{14} =_q h_{16}, h_8 =_q h_{11}, h_1 =_q h_2 \} \rangle$
 [501] *To bark bothers Browne.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{udef_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8:\text{nominalization}(\text{ARG0 } x_6, \text{ARG1 } h_9), \\ h_9:\text{chase_v_1}(\text{ARG0 } e_{10}, \text{ARG1 } i_{12}, \text{ARG2 } x_{11}), \\ h_{13}:\text{the_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{15}, \text{BODY } h_{14}), \\ h_{16}:\text{cat_n_1}(\text{ARG0 } x_{11}), \\ h_2:\text{old_a_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \mid \{ h_{15} =_q h_{16}, h_5 =_q h_8, h_1 =_q h_2 \} \rangle$
 [502] *Chasing the cat is old.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{udef_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8:\text{nominalization}(\text{ARG0 } x_6, \text{ARG1 } h_9), \\ h_{10}:\text{thing}(\text{ARG0 } x_{11}), \\ h_{12}:\text{which_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{13}, \text{BODY } h_{14}), \\ h_{15}:\text{the_q}(\text{ARG0 } x_{17}, \text{RSTR } h_{18}, \text{BODY } h_{16}), \\ h_{19}:\text{dog_n_1}(\text{ARG0 } x_{17}), \\ h_9:\text{chase_v_1}(\text{ARG0 } e_{20}, \text{ARG1 } x_{17}, \text{ARG2 } x_{11}), \\ h_2:\text{bother_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_{21}), \\ h_{22}:\text{proper_q}(\text{ARG0 } x_{21}, \text{RSTR } h_{23}, \text{BODY } h_{24}), \\ h_{25}:\text{named}(\text{ARG0 } x_{21}, \text{CARG } \textit{Browne}) \end{array} \right\} \mid \{ h_{23} =_q h_{25}, h_{18} =_q h_{19}, h_{13} =_q h_{10}, h_5 =_q h_8, h_1 =_q h_2 \} \rangle$
 [503] *What the dog chased bothers Browne.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{voter_n_1}(\text{ARG0 } x_6), \\ h_2: \text{support_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_9), \\ h_{10}: \text{the_q}(\text{ARG0 } x_{12}, \text{RSTR } h_{13}, \text{BODY } h_{11}), \\ h_{14}: \text{government_n_of}(\text{ARG0 } x_{12}, \text{ARG1 } i_{15}), \\ h_{16}: \text{def_explicit_q}(\text{ARG0 } x_9, \text{RSTR } h_{17}, \text{BODY } h_{18}), \\ h_{19}: \text{poss}(\text{ARG0 } e_{20}, \text{ARG1 } x_9, \text{ARG2 } x_{12}), \\ h_{19}: \text{repeal_n_of}(\text{ARG0 } x_9, \text{ARG1 } x_{21}), \\ h_{22}: \text{the_q}(\text{ARG0 } x_{21}, \text{RSTR } h_{24}, \text{BODY } h_{23}), \\ h_{25}: \text{law_n_1}(\text{ARG0 } x_{21}) \end{array} \right\} \rangle$
 $\{ h_{24} =_q h_{25}, h_{17} =_q h_{19}, h_{13} =_q h_{14}, h_7 =_q h_8, h_1 =_q h_2 \}$

[504] *The voters support the government's repeal of the law.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{voter_n_1}(\text{ARG0 } x_6), \\ h_2: \text{support_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_9), \\ h_{10}: \text{the_q}(\text{ARG0 } x_{12}, \text{RSTR } h_{13}, \text{BODY } h_{11}), \\ h_{14}: \text{law_n_1}(\text{ARG0 } x_{12}), \\ h_{15}: \text{def_explicit_q}(\text{ARG0 } x_9, \text{RSTR } h_{16}, \text{BODY } h_{17}), \\ h_{18}: \text{poss}(\text{ARG0 } e_{19}, \text{ARG1 } x_9, \text{ARG2 } x_{12}), \\ h_{18}: \text{repeal_n_of}(\text{ARG0 } x_9, \text{ARG1 } i_{20}) \end{array} \right\} \rangle$
 $\{ h_{16} =_q h_{18}, h_{13} =_q h_{14}, h_7 =_q h_8, h_1 =_q h_2 \}$

[505] *The voters support the law's repeal.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{compound}(\text{ARG0 } e_{10}, \text{ARG1 } x_6, \text{ARG2 } x_9), \\ h_{11}: \text{udef_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{13}), \\ h_{14}: \text{student_n_of}(\text{ARG0 } x_9, \text{ARG1 } i_{15}), \\ h_8: \text{evaluation_n_of}(\text{ARG0 } x_6, \text{ARG1 } i_{16}), \\ h_2: \text{negative_a_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_{12} =_q h_{14}, h_7 =_q h_8, h_1 =_q h_2 \}$

[506] *The student evaluations were negative.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_2: \text{old_a_1}(\text{ARG0 } e_3, \text{ARG1 } x_6), \\ h_2: \text{comp}(\text{ARG0 } e_{10}, \text{ARG1 } e_3, \text{ARG2 } x_9), \\ h_{11}: \text{the_q}(\text{ARG0 } x_9, \text{RSTR } h_{13}, \text{BODY } h_{12}), \\ h_{14}: \text{cat_n_1}(\text{ARG0 } x_9) \end{array} \right\} \rangle$
 $\{ h_{13} =_q h_{14}, h_7 =_q h_8, h_1 =_q h_2 \}$

[601] *The dog is older than the cat.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_2: \text{old_a_1}(\text{ARG0 } e_3, \text{ARG1 } x_6), \\ h_2: \text{comp}(\text{ARG0 } e_{10}, \text{ARG1 } e_3, \text{ARG2 } h_9), \\ h_{11}: \text{the_q}(\text{ARG0 } x_{13}, \text{RSTR } h_{14}, \text{BODY } h_{12}), \\ h_{15}: \text{cat_n_1}(\text{ARG0 } x_{13}), \\ h_9: \text{ellipsis_ref}(\text{ARG0 } e_{16}, \text{ARG1 } x_{13}) \end{array} \right\} \rangle$
 $\{ h_{14} =_q h_{15}, h_7 =_q h_8, h_1 =_q h_2 \}$

[602] *The dog is older than the cat is.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_2: \text{much_x_deg}(\text{ARG0 } e_9, \text{ARG1 } e_{10}), \\ h_2: \text{old_a_1}(\text{ARG0 } e_3, \text{ARG1 } x_6), \\ h_2: \text{comp}(\text{ARG0 } e_{10}, \text{ARG1 } e_3, \text{ARG2 } u_{11}) \end{array} \right\} \rangle$
 $\{ h_7 =_q h_8, h_1 =_q h_2 \}$

[603] *The dog is much older.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{udef_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8:\text{much_many_a}(\text{ARG0 } e_9, \text{ARG1 } x_6), \\ h_8:\text{comp}(\text{ARG0 } e_{11}, \text{ARG1 } e_9, \text{ARG2 } x_{10}), \\ h_8:\text{dog_n_1}(\text{ARG0 } x_6), \\ h_{12}:\text{udef_q}(\text{ARG0 } x_{10}, \text{RSTR } h_{13}, \text{BODY } h_{14}), \\ h_{15}:\text{cat_n_1}(\text{ARG0 } x_{10}), \\ h_2:\text{appear_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \\ \{ h_{13} =_q h_{15}, h_5 =_q h_8, h_1 =_q h_2 \} \end{array} \right. \rangle$
 [604] *More dogs than cats appeared.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{a_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8:\text{comp}(\text{ARG0 } e_{11}, \text{ARG1 } e_{10}, \text{ARG2 } x_9), \\ h_8:\text{aggressive_a_1}(\text{ARG0 } e_{10}, \text{ARG1 } x_6), \\ h_8:\text{dog_n_1}(\text{ARG0 } x_6), \\ h_{12}:\text{pron}(\text{ARG0 } x_{13}), \\ h_{14}:\text{pronoun_q}(\text{ARG0 } x_{13}, \text{RSTR } h_{15}, \text{BODY } h_{16}), \\ h_{17}:\text{def_implicit_q}(\text{ARG0 } x_9, \text{RSTR } h_{18}, \text{BODY } h_{19}), \\ h_{20}:\text{generic_entity}(\text{ARG0 } x_9), \\ h_{20}:\text{poss}(\text{ARG0 } e_{21}, \text{ARG1 } x_9, \text{ARG2 } x_{13}), \\ h_2:\text{appear_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \\ \{ h_{18} =_q h_{20}, h_{15} =_q h_{12}, h_7 =_q h_8, h_1 =_q h_2 \} \end{array} \right. \rangle$
 [605] *A more aggressive dog than mine appeared.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{move_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5), \\ h_2:\text{comp}(\text{ARG0 } e_{10}, \text{ARG1 } e_9, \text{ARG2 } u_{11}), \\ h_2:\text{slow_a_1}(\text{ARG0 } e_9, \text{ARG1 } e_3) \\ \{ h_7 =_q h_4, h_1 =_q h_2 \} \end{array} \right. \rangle$
 [606] *It moved more slowly.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{fear_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } x_9), \\ h_{10}:\text{pron}(\text{ARG0 } x_9), \\ h_{11}:\text{pronoun_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{13}), \\ h_2:\text{comp}(\text{ARG0 } e_{16}, \text{ARG1 } e_{15}, \text{ARG2 } x_{14}), \\ h_2:\text{abstract_a}(\text{ARG0 } e_{15}, \text{ARG1 } e_3), \\ h_{17}:\text{def_explicit_q}(\text{ARG0 } x_{14}, \text{RSTR } h_{19}, \text{BODY } h_{18}), \\ h_{20}:\text{poss}(\text{ARG0 } e_{22}, \text{ARG1 } x_{14}, \text{ARG2 } x_{21}), \\ h_{23}:\text{pronoun_q}(\text{ARG0 } x_{21}, \text{RSTR } h_{24}, \text{BODY } h_{25}), \\ h_{26}:\text{pron}(\text{ARG0 } x_{21}), \\ h_{20}:\text{brother_n_of}(\text{ARG0 } x_{14}, \text{ARG1 } i_{27}) \\ \{ h_{24} =_q h_{26}, h_{19} =_q h_{20}, h_{12} =_q h_{10}, h_7 =_q h_4, h_1 =_q h_2 \} \end{array} \right. \rangle$
 [607] *I fear it more than my brother.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{forget_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } h_9), \\ h_{10}:\text{vote_v_1}(\text{ARG0 } e_{11}, \text{ARG1 } x_5) \\ \{ h_9 =_q h_{10}, h_7 =_q h_4, h_1 =_q h_2 \} \end{array} \right. \rangle$
 [701] *They forgot to vote.*

$\langle h_1, \left\{ \begin{array}{l} h_4:\text{proper_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8:\text{named}(\text{ARG0 } x_6, \text{CARG } \textit{Abrams}), \\ h_2:\text{persuade_v_of}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } x_{10}, \text{ARG3 } h_9), \\ h_{11}:\text{the_q}(\text{ARG0 } x_{10}, \text{RSTR } h_{13}, \text{BODY } h_{12}), \\ h_{14}:\text{dog_n_1}(\text{ARG0 } x_{10}), \\ h_{15}:\text{bark_v_1}(\text{ARG0 } e_{16}, \text{ARG1 } x_{10}) \\ \{ h_{13} =_q h_{14}, h_9 =_q h_{15}, h_5 =_q h_8, h_1 =_q h_2 \} \end{array} \right. \rangle$
 [702] *Abrams persuaded the dog to bark.*

$\langle h_1, \left\{ \begin{array}{l} h_2: \text{easy_a_for}(\text{ARG0 } e_3, \text{ARG1 } h_4, \text{ARG2 } x_5), \\ h_6: \text{the_q}(\text{ARG0 } x_5, \text{RSTR } h_8, \text{BODY } h_7), \\ h_9: \text{dog_n_1}(\text{ARG0 } x_5), \\ h_{10}: \text{bark_v_1}(\text{ARG0 } e_{11}, \text{ARG1 } x_5) \end{array} \right\} \mid \{ h_8 =_q h_9, h_4 =_q h_{10}, h_1 =_q h_2 \} \rangle$
 [703] *It is easy for the dog to bark.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{pron}(\text{ARG0 } x_5), \\ h_6: \text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2: \text{have_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } x_9), \\ h_{10}: \text{a_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{11}), \\ h_{13}: \text{plan_n_1}(\text{ARG0 } x_9, \text{ARG1 } h_{14}), \\ h_{15}: \text{respond_v_to}(\text{ARG0 } e_{16}, \text{ARG1 } i_{17}) \end{array} \right\} \mid \{ h_{14} =_q h_{15}, h_{12} =_q h_{13}, h_7 =_q h_4, h_1 =_q h_2 \} \rangle$
 [704] *I had a plan to respond.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{proper_q}(\text{ARG0 } x_6, \text{RSTR } h_5, \text{BODY } h_7), \\ h_8: \text{named}(\text{ARG0 } x_6, \text{CARG } \textit{Abrams}), \\ h_2: \text{leave_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6, \text{ARG2 } p_9), \\ h_2: \text{without_p}(\text{ARG0 } e_{10}, \text{ARG1 } e_3, \text{ARG2 } x_{11}), \\ h_{12}: \text{udef_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{13}, \text{BODY } h_{14}), \\ h_{15}: \text{pay_v_for}(\text{ARG0 } e_{16}, \text{ARG1 } i_{19}, \text{ARG2 } i_{18}, \text{ARG3 } i_{17}), \\ h_{20}: \text{nominalization}(\text{ARG0 } x_{11}, \text{ARG1 } h_{15}) \end{array} \right\} \mid \{ h_{13} =_q h_{20}, h_5 =_q h_8, h_1 =_q h_2 \} \rangle$
 [705] *Abrams left without paying.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_9: \text{arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6), \\ h_2: \text{subord}(\text{ARG0 } e_{12}, \text{ARG1 } h_{11}, \text{ARG2 } h_{10}), \\ h_{13}: \text{bark_v_1}(\text{ARG0 } e_{14}, \text{ARG1 } i_{15}) \end{array} \right\} \mid \{ h_{10} =_q h_{13}, h_{11} =_q h_9, h_7 =_q h_8, h_1 =_q h_2 \} \rangle$
 [706] *The dog arrived barking.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{pron}(\text{ARG0 } x_5), \\ h_6: \text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2: \text{finish_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } x_9), \\ h_{10}: \text{a_q}(\text{ARG0 } x_9, \text{RSTR } h_{12}, \text{BODY } h_{11}), \\ h_{13}: \text{compound}(\text{ARG0 } e_{15}, \text{ARG1 } x_9, \text{ARG2 } x_{14}), \\ h_{16}: \text{udef_q}(\text{ARG0 } x_{14}, \text{RSTR } h_{17}, \text{BODY } h_{18}), \\ h_{19}: \text{card}(\text{ARG0 } e_{20}, \text{ARG1 } x_{14}, \text{CARG } 10), \\ h_{19}: \text{mile_n_1}(\text{ARG0 } x_{14}), \\ h_{13}: \text{run_n_of}(\text{ARG0 } x_9, \text{ARG1 } i_{21}) \end{array} \right\} \mid \{ h_{17} =_q h_{19}, h_{12} =_q h_{13}, h_7 =_q h_4, h_1 =_q h_2 \} \rangle$
 [802] *They finished a ten-mile run.*

$\langle h_1, \left\{ \begin{array}{l} h_2: \text{appos}(\text{ARG0 } e_6, \text{ARG1 } x_5, \text{ARG2 } x_4), \\ h_7: \text{proper_q}(\text{ARG0 } x_5, \text{RSTR } h_8, \text{BODY } h_9), \\ h_{10}: \text{named}(\text{ARG0 } x_5, \text{CARG } \textit{Abrams}), \\ h_{11}: \text{a_q}(\text{ARG0 } x_4, \text{RSTR } h_{13}, \text{BODY } h_{12}), \\ h_{14}: \text{old_a_1}(\text{ARG0 } e_{15}, \text{ARG1 } x_4), \\ h_{14}: \text{friend_n_1}(\text{ARG0 } x_4), \\ h_2: \text{arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5) \end{array} \right\} \mid \{ h_{13} =_q h_{14}, h_8 =_q h_{10}, h_1 =_q h_2 \} \rangle$
 [901] *Abrams (an old friend) arrived.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{a_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{parenthetical}(\text{ARG0 } i_{10}, \text{ARG1 } x_6, \text{ARG2 } h_9), \\ h_8: \text{consultant_n_1}(\text{ARG0 } x_6), \\ h_{11}: \text{maybe_a_1}(\text{ARG0 } e_{13}, \text{ARG1 } h_{12}), \\ h_{14}: \text{pron}(\text{ARG0 } x_{15}), \\ h_{16}: \text{pronoun_q}(\text{ARG0 } x_{15}, \text{RSTR } h_{17}, \text{BODY } h_{18}), \\ h_{19}: \text{be_v_id}(\text{ARG0 } e_{20}, \text{ARG1 } x_{15}, \text{ARG2 } x_{21}), \\ h_{22}: \text{proper_q}(\text{ARG0 } x_{21}, \text{RSTR } h_{23}, \text{BODY } h_{24}), \\ h_{25}: \text{named}(\text{ARG0 } x_{21}, \text{CARG } \textit{Abrams}), \\ h_2: \text{arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_{23} =_q h_{25}, h_{17} =_q h_{14}, h_{12} =_q h_{19}, h_9 =_q h_{11}, h_7 =_q h_8, h_1 =_q h_2 \}$
 [902] *A consultant (maybe it was Abrams) arrived.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{pron}(\text{ARG0 } x_5), \\ h_6: \text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2: \text{parenthetical}(\text{ARG0 } i_{10}, \text{ARG1 } e_3, \text{ARG2 } h_9), \\ h_2: \text{famous_a_for}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } i_{11}), \\ h_{12}: \text{pronoun_q}(\text{ARG0 } x_{14}, \text{RSTR } h_{13}, \text{BODY } h_{15}), \\ h_{16}: \text{pron}(\text{ARG0 } x_{14}), \\ h_{17}: \text{make_v_cause}(\text{ARG0 } e_{18}, \text{ARG1 } x_{14}, \text{ARG2 } h_{19}), \\ h_{20}: \text{generic_entity}(\text{ARG0 } x_{21}), \\ h_{22}: \text{that_q_dem}(\text{ARG0 } x_{21}, \text{RSTR } h_{23}, \text{BODY } h_{24}), \\ h_{25}: \text{infamous/jj_u_unknown}(\text{ARG0 } e_{26}, \text{ARG1 } x_{21}), \\ h_2: \text{in_p}(\text{ARG0 } e_{27}, \text{ARG1 } e_3, \text{ARG2 } x_{28}), \\ h_{29}: \text{some_q}(\text{ARG0 } x_{28}, \text{RSTR } h_{30}, \text{BODY } h_{31}), \\ h_{32}: \text{circle_n_of}(\text{ARG0 } x_{28}, \text{ARG1 } i_{33}) \end{array} \right\} \rangle$
 $\{ h_{30} =_q h_{32}, h_{23} =_q h_{20}, h_{19} =_q h_{25}, h_{13} =_q h_{16}, h_9 =_q h_{17}, h_7 =_q h_4, h_1 =_q h_2 \}$
 [903] *He is famous – make that infamous – in some circles.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_9: \text{pron}(\text{ARG0 } x_{10}), \\ h_{11}: \text{pronoun_q}(\text{ARG0 } x_{10}, \text{RSTR } h_{12}, \text{BODY } h_{13}), \\ h_8: \text{adopt_v_1}(\text{ARG0 } e_{14}, \text{ARG1 } x_{10}, \text{ARG2 } x_6), \\ h_2: \text{bark_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_{12} =_q h_9, h_7 =_q h_8, h_1 =_q h_2 \}$
 [1001] *The dog they adopted barks.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_8: \text{bark_v_1}(\text{ARG0 } e_9, \text{ARG1 } x_6), \\ h_2: \text{disappear_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_7 =_q h_8, h_1 =_q h_2 \}$
 [1002] *The dog that barked disappeared.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_8: \text{chase_v_1}(\text{ARG0 } e_9, \text{ARG1 } x_{10}, \text{ARG2 } x_6), \\ h_8: \text{parg_d}(\text{ARG0 } e_{11}, \text{ARG1 } e_9, \text{ARG2 } x_6), \\ h_{12}: \text{the_q}(\text{ARG0 } x_{10}, \text{RSTR } h_{14}, \text{BODY } h_{13}), \\ h_{15}: \text{cat_n_1}(\text{ARG0 } x_{10}), \\ h_2: \text{bark_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_{14} =_q h_{15}, h_7 =_q h_8, h_1 =_q h_2 \}$
 [1003] *The dog chased by the cat barked.*

$\langle h_1, \left\{ \begin{array}{l} h_4: \text{the_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8: \text{dog_n_1}(\text{ARG0 } x_6), \\ h_9: \text{pron}(\text{ARG0 } x_{10}), \\ h_{11}: \text{pronoun_q}(\text{ARG0 } x_{10}, \text{RSTR } h_{12}, \text{BODY } h_{13}), \\ h_8: \text{think_v_1}(\text{ARG0 } e_{14}, \text{ARG1 } x_{10}, \text{ARG2 } h_{16}, \text{ARG3 } i_{15}), \\ h_{17}: \text{pron}(\text{ARG0 } x_{18}), \\ h_{19}: \text{pronoun_q}(\text{ARG0 } x_{18}, \text{RSTR } h_{20}, \text{BODY } h_{21}), \\ h_{22}: \text{admire_v_1}(\text{ARG0 } e_{23}, \text{ARG1 } x_{18}, \text{ARG2 } x_6), \\ h_2: \text{bark_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6) \end{array} \right\} \rangle$
 $\{ h_{20} =_q h_{17}, h_{16} =_q h_{22}, h_{12} =_q h_9, h_7 =_q h_8, h_1 =_q h_2 \}$
 [1004] *The dog they thought we admired barks.*

$\langle h_1,$
 $\left\{ \begin{array}{l} h_2:\text{appos}(\text{ARG0 } e_6, \text{ARG1 } x_5, \text{ARG2 } x_4), \\ h_7:\text{udef_q}(\text{ARG0 } x_5, \text{RSTR } h_8, \text{BODY } h_9), \\ h_{10}:\text{_money_n_1}(\text{ARG0 } x_5), \\ h_{10}:\text{with_p}(\text{ARG0 } e_{12}, \text{ARG1 } e_{11}, \text{ARG2 } x_5), \\ h_{10}:\text{_buy_v_1}(\text{ARG0 } e_{11}, \text{ARG1 } i_{14}, \text{ARG2 } p_{13}), \\ h_{15}:\text{_the_q}(\text{ARG0 } x_4, \text{RSTR } h_{17}, \text{BODY } h_{16}), \\ h_{18}:\text{_dog_n_1}(\text{ARG0 } x_4), \\ h_2:\text{_arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5) \end{array} \right\}$
 $\{ h_{17} =_q h_{18}, h_8 =_q h_{10}, h_1 =_q h_2 \}$
 [1005] *Money to buy the dog arrived.*

$\langle h_1,$
 $\left\{ \begin{array}{l} h_4:\text{_a_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8:\text{_dog_n_1}(\text{ARG0 } x_6), \\ h_2:\text{relative_mod}(\text{ARG0 } i_{11}, \text{ARG1 } i_{10}, \text{ARG2 } h_9), \\ h_2:\text{_arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6), \\ h_9:\text{_bark_v_1}(\text{ARG0 } e_{12}, \text{ARG1 } i_{10}) \end{array} \right\}$
 $\{ h_7 =_q h_8, h_1 =_q h_2 \}$
 [1006] *A dog arrived that barks.*

$\langle h_1,$
 $\left\{ \begin{array}{l} h_4:\text{_a_q}(\text{ARG0 } x_6, \text{RSTR } h_7, \text{BODY } h_5), \\ h_8:\text{_dog_n_1}(\text{ARG0 } x_6), \\ h_2:\text{relative_mod}(\text{ARG0 } i_{11}, \text{ARG1 } u_{10}, \text{ARG2 } h_9), \\ h_2:\text{_arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_6), \\ h_{12}:\text{def_explicit_q}(\text{ARG0 } x_{14}, \text{RSTR } h_{15}, \text{BODY } h_{13}), \\ h_9:\text{poss}(\text{ARG0 } e_{16}, \text{ARG1 } x_{14}, \text{ARG2 } u_{10}), \\ h_{17}:\text{_owner_n_of}(\text{ARG0 } x_{14}, \text{ARG1 } i_{18}), \\ h_9:\text{_disappear_v_1}(\text{ARG0 } e_{19}, \text{ARG1 } x_{14}) \end{array} \right\}$
 $\{ h_{15} =_q h_{17}, h_7 =_q h_8, h_1 =_q h_2 \}$
 [1007] *A dog arrived whose owner disappeared.*

$\langle h_1,$
 $\left\{ \begin{array}{l} h_4:\text{udef_q}(\text{ARG0 } x_5, \text{RSTR } h_6, \text{BODY } h_7), \\ h_8:\text{_a_q}(\text{ARG0 } x_{10}, \text{RSTR } h_{11}, \text{BODY } h_9), \\ h_{12}:\text{_dog_n_1}(\text{ARG0 } x_{10}), \\ h_{13}:\text{_and_c}(\text{ARG0 } x_5, \text{L-INDEX } x_{10}, \text{R-INDEX } x_{14}), \\ h_{15}:\text{_a_q}(\text{ARG0 } x_{14}, \text{RSTR } h_{17}, \text{BODY } h_{16}), \\ h_{18}:\text{_cat_n_1}(\text{ARG0 } x_{14}), \\ h_2:\text{relative_mod}(\text{ARG0 } i_{21}, \text{ARG1 } i_{20}, \text{ARG2 } h_{19}), \\ h_2:\text{_arrive_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5), \\ h_{19}:\text{_belong_v_to}(\text{ARG0 } e_{22}, \text{ARG1 } i_{20}, \text{ARG2 } x_{23}), \\ h_{24}:\text{pron}(\text{ARG0 } x_{23}), \\ h_{25}:\text{pronoun_q}(\text{ARG0 } x_{23}, \text{RSTR } h_{26}, \text{BODY } h_{27}) \end{array} \right\}$
 $\{ h_{26} =_q h_{24}, h_{17} =_q h_{18}, h_{11} =_q h_{12}, h_6 =_q h_{13}, h_1 =_q h_2 \}$
 [1008] *A dog and a cat arrived that belong to her.*

$\langle h_1,$
 $\left\{ \begin{array}{l} h_4:\text{pron}(\text{ARG0 } x_5), \\ h_6:\text{pronoun_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_2:\text{relative_mod}(\text{ARG0 } i_{11}, \text{ARG1 } i_{10}, \text{ARG2 } h_9), \\ h_2:\text{_admire_v_1}(\text{ARG0 } e_3, \text{ARG1 } x_5, \text{ARG2 } x_{12}), \\ h_{13}:\text{_a_q}(\text{ARG0 } x_{12}, \text{RSTR } h_{15}, \text{BODY } h_{14}), \\ h_{16}:\text{_dog_n_1}(\text{ARG0 } x_{12}), \\ h_2:\text{loc_nonsp}(\text{ARG0 } e_{17}, \text{ARG1 } e_3, \text{ARG2 } x_{18}), \\ h_{19}:\text{time_n}(\text{ARG0 } x_{18}), \\ h_{20}:\text{def_implicit_q}(\text{ARG0 } x_{18}, \text{RSTR } h_{21}, \text{BODY } h_{22}), \\ h_{19}:\text{_yesterday_a_1}(\text{ARG0 } e_{23}, \text{ARG1 } x_{18}), \\ h_9:\text{_bark_v_1}(\text{ARG0 } e_{24}, \text{ARG1 } i_{10}) \end{array} \right\}$
 $\{ h_{21} =_q h_{19}, h_{15} =_q h_{16}, h_7 =_q h_4, h_1 =_q h_2 \}$
 [1009] *He admired a dog yesterday that barks.*

$\langle h_1,$
 $\left\{ \begin{array}{l} h_4:\text{thing}(\text{ARG0 } x_5), \\ h_6:\text{_no_q}(\text{ARG0 } x_5, \text{RSTR } h_7, \text{BODY } h_8), \\ h_9:\text{_happen_v_1}(\text{ARG0 } e_{10}, \text{ARG1 } x_5), \\ h_2:\text{_surprise_v_1}(\text{ARG0 } e_3, \text{ARG1 } h_{12}, \text{ARG2 } x_{11}), \\ h_{13}:\text{pron}(\text{ARG0 } x_{11}), \\ h_{14}:\text{pronoun_q}(\text{ARG0 } x_{11}, \text{RSTR } h_{15}, \text{BODY } h_{16}) \end{array} \right\}$
 $\{ h_{15} =_q h_{13}, h_{12} =_q h_9, h_7 =_q h_4, h_1 =_q h_2 \}$
 [1010] *Nothing happened, which surprised him.*

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⟨ h1,
  h4:_rain_v_1(ARG0 e5),
  h4:loc_nonsp(ARG0 e6, ARG1 e5, ARG2 x7),
  h8:time_n(ARG0 x7),
  h9:def_implicit_q(ARG0 x7, RSTR h10, BODY h11),
  h8:_yesterday_a_1(ARG0 e12, ARG1 x7),
  h2:_trouble_v_1(ARG0 e3, ARG1 h14, ARG2 x13),
  h15:pron(ARG0 x13),
  h16:pronoun_q(ARG0 x13, RSTR h17, BODY h18)
  { h17 =_q h15, h14 =_q h4, h10 =_q h8, h1 =_q h2 } ⟩
  [1011] It rained yesterday, which troubled me.

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