

$$\left[\begin{array}{l} \text{cluster-coord-lexical-rule} \\ \\ \text{INPUT} \left[\begin{array}{l} \text{word} \\ \text{COMPS } \boxed{\text{L}_1} + \boxed{\text{L}_2} \text{ nelist} \langle [\text{CAT } \boxed{1}], \dots, [\text{CAT } \boxed{n}] \rangle \end{array} \right] \\ \\ \text{OUTPUT} \left[\begin{array}{l} \text{word} \\ \text{COMPS } \boxed{\text{L}_1} + \left\langle \left[\begin{array}{l} \text{COORD} + \\ \text{CLUSTER} \langle [\text{CAT } \boxed{1}], \dots, [\text{CAT } \boxed{n}] \rangle \end{array} \right] \right\rangle \end{array} \right] \end{array} \right] \\ \\ \& \boxed{\text{L}_2} \neq \left\langle \left[\begin{array}{l} \text{COORD} + \\ \text{CLUSTER } \text{nelist}(\text{synsem}) \end{array} \right] \right\rangle
 \end{array}$$