

Valence

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Valence Constraints for words of the 7 Parts of Speech

1. Verbs:

$$\left[\begin{array}{l} word \\ \\ \text{SYNSEM:LOC:CAT} \end{array} \left[\begin{array}{ll} \text{SUBJ} & \langle \text{NP} \rangle \\ \text{SPR} & \langle \rangle \\ \text{COMPS} & list \end{array} \right] \right]$$

2. Nouns:

a. Names and Pronouns:

$$\left[\begin{array}{l} word \\ \\ \text{SYNSEM:LOC:CAT} \end{array} \left[\begin{array}{ll} \text{SUBJ} & \langle \rangle \\ \text{SPR} & \langle \rangle \\ \text{COMPS} & \langle \rangle \end{array} \right] \right]$$

b. Common Nouns:

$$\left[\begin{array}{l} word \\ \\ \text{SYNSEM:LOC:CAT} \end{array} \left[\begin{array}{ll} \text{SUBJ} & \langle \rangle \\ \text{SPR} & \langle \text{D} \rangle \\ \text{COMPS} & \langle \rangle \end{array} \right] \right]$$

3. Adjectives:

$$\left[\begin{array}{l} word \\ \\ \text{SYNSEM:LOC:CAT} \end{array} \left[\begin{array}{ll} \text{SUBJ} & \langle \text{NP} \rangle \\ \text{SPR} & \langle \text{ADV} \rangle \\ \text{COMPS} & list \end{array} \right] \right]$$

4. Determiners:

$$\left[\begin{array}{l} word \\ \\ \text{SYNSEM:LOC:CAT} \end{array} \left[\begin{array}{ll} \text{SUBJ} & \langle \rangle \\ \text{SPR} & \langle \rangle \\ \text{COMPS} & \langle \rangle \end{array} \right] \right]$$

5. Adverbs:

$$\left[\begin{array}{l} word \\ \\ \text{SYNSEM:LOC:CAT} \end{array} \left[\begin{array}{ll} \text{SUBJ} & \langle \rangle \\ \text{SPR} & \langle \rangle \\ \text{COMPS} & \langle \rangle \end{array} \right] \right]$$

6. Prepositions:

$$\left[\begin{array}{l} word \\ \\ SYNSEM:LOC:CAT \end{array} \left[\begin{array}{ll} SUBJ & \langle \rangle \\ SPR & \langle \rangle \\ COMPS & \langle NP \rangle \end{array} \right] \right]$$

7. Complementizers:

$$\left[\begin{array}{l} word \\ \\ SYNSEM:LOC:CAT \end{array} \left[\begin{array}{ll} SUBJ & \langle \rangle \\ SPR & \langle \rangle \\ COMPS & \langle S \rangle \end{array} \right] \right]$$