

## Chapter 8, Problem 7: Japanese Causatives

A. Nominative.

B. Dative.

C.

$$\left\langle \text{tabesasetata}, \left[ \begin{array}{l} \text{word} \\ \text{SYN} \left[ \begin{array}{l} \text{HEAD} \left[ \begin{array}{l} \text{verb} \\ \text{FORM} \quad \text{fin} \end{array} \right] \\ \text{VAL} \left[ \begin{array}{l} \text{SPR} \quad \langle \boxed{1} \rangle \\ \text{COMPS} \quad \langle \boxed{2}, \boxed{3} \rangle \end{array} \right] \end{array} \right] \\ \text{ARG-ST} \quad \langle \boxed{1}\text{NP}[\text{CASE nom}]_k, \boxed{2}\text{NP}[\text{CASE dat}]_i, \boxed{3}\text{NP}[\text{CASE acc}]_j \rangle \\ \text{SEM} \left[ \begin{array}{l} \text{INDEX} \quad t \\ \text{MODE} \quad \text{prop} \\ \text{RESTR} \left\langle \left[ \begin{array}{l} \text{pred} \\ \text{RELN} \quad \text{eat} \\ \text{SIT} \quad s \\ \text{EATER} \quad i \\ \text{MEAL} \quad j \end{array} \right], \left[ \begin{array}{l} \text{pred} \\ \text{RELN} \\ \text{SIT} \quad t \\ \text{CAUSER} \quad k \\ \text{CAUSEE} \quad i \\ \text{CAUSED-EVENT} \quad s \end{array} \right] \right\rangle \end{array} \right] \end{array} \right] \right\rangle$$

D.

$$\left[ \begin{array}{l} \text{INPUT} \left\langle \boxed{1}, \left[ \begin{array}{l} \text{SYN} \left[ \begin{array}{l} \text{HEAD} \quad \text{verb} \end{array} \right] \\ \text{ARG-ST} \quad \langle \text{NP}_i \rangle \oplus \boxed{A} \\ \text{SEM} \left[ \begin{array}{l} \text{INDEX} \quad s_1 \\ \text{RESTR} \quad \boxed{B} \end{array} \right] \end{array} \right] \right\rangle \\ \text{OUTPUT} \left\langle F_{\text{cause}}(\boxed{1}), \left[ \begin{array}{l} \text{ARG-ST} \quad \langle \text{NP}[\text{CASE nom}]_k, \text{NP}[\text{CASE dat}]_i \rangle \oplus \boxed{A} \\ \text{SEM} \left[ \begin{array}{l} \text{INDEX} \quad s_2 \\ \text{RESTR} \quad \boxed{B} \oplus \left\langle \left[ \begin{array}{l} \text{pred} \\ \text{RELN} \\ \text{SIT} \quad s_2 \\ \text{CAUSER} \quad k \\ \text{CAUSEE} \quad i \\ \text{CAUSED-EVENT} \quad s_1 \end{array} \right] \right\rangle \end{array} \right] \end{array} \right] \right\rangle \end{array} \right]$$