$cluster\text{-}ph \Rightarrow non\text{-}headed\text{-}ph$ &

$$\begin{bmatrix} \text{HEAD} & \begin{bmatrix} head \\ \text{CLUSTER} & nelist(synsem)\big\langle \boxed{1}, ..., \boxed{n} \big\rangle \end{bmatrix} \\ \text{SUBJ} & \langle\rangle \\ \text{SPR} & \langle\rangle \\ \text{COMPS} & \langle\rangle \\ \text{SLASH} & \Sigma_1 \cup ... \cup \Sigma_n \\ \text{N-HD-DTRS} & \Big\langle \big[\text{SYNSEM } \boxed{1}\big[\text{SLASH } \Sigma_1\big]\big], ..., \big[\text{SYNSEM } \boxed{n}\big[\text{SLASH } \Sigma_n\big]\big] \Big\rangle \end{bmatrix}$$