Sentence

Daniel journeyed to the bathroom.

ASP Representation O_i

 $\begin{array}{ll} index(1..5). \ lemma(1,daniel). \ pos(1,nn). \ lemma(2,journey). \ pos(2,vbd). \ lemma(3,to). \\ pos(3,to). \ lemma(4,the). \ pos(4,dt). \ lemma(5,bathroom). \ pos(5,nn). \end{array}$

Positive Examples E_i^+

arg1(journey01,daniel), arg2(journey01,bathroom).

Positive Examples E_i^-

any possible output that is not in E^+ .