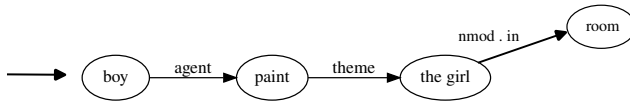
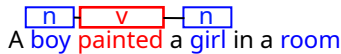


np v\_trans\_omissible\_p2 np  
attention head compatible  
linear matcher

Base sentence



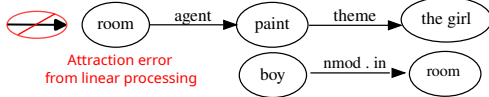
Tail pp modification  
(ok)



Middle pp modification  
(attraction or other error)

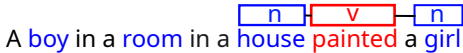


agent

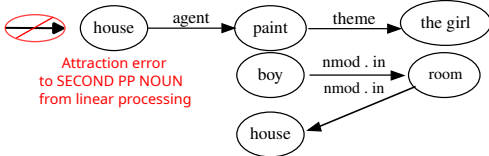


In middle pp ↑  
pp noun is an attractor noun

Double middle pp  
(attraction to nearest  
or  
other non-attraction error)

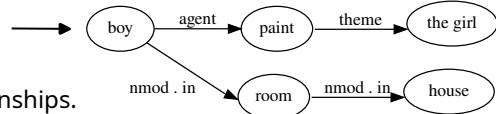


agent



In middle double pp ↑  
2nd, nearest pp noun  
is the attractor noun

Our RASP model:  
ignore



"pp det common\_noun"  
and "pp proper\_noun" when matching agent/theme/recipient relationships.  
Found via non-subj-pp examples in training, but fixes the obj-pp-to-subj-pp gen split.  
We expect the baseline Wu et al. 2024 Transformer can learn this rule  
but have not uncovered how to encourage it to learn such approaches yet.