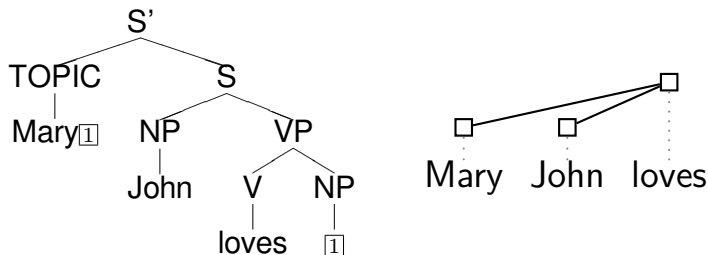


“Crossing Brackets”

- Constituent outside its father’s span causes “crossing brackets.”
 - Linguists use “traces” ($\boxed{1}$) to represent this.
- Sometimes, this is not visible in the dependency tree:
 - There is no “history of bracketing”.
 - See Holan et al. (1998) for dependency trees including derivation history.



Despite this shortcoming, CFGs are popular and “the” formal grammar for many. Possibly due to the charm of the father of linguistics, or due to the abundance of dependency formalisms with no clear winner (Nivre, 2005).