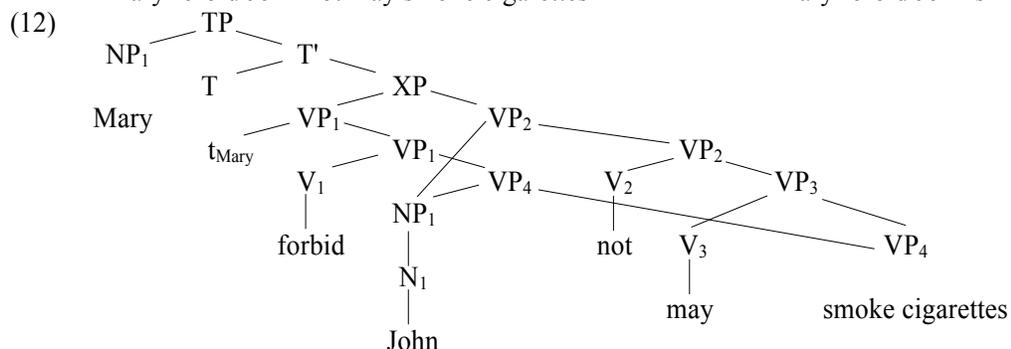


- (9) Propositional Modification (final version): If A and B are daughters of C, both $[[A]]$ and $[[B]]$ are members of $D_{\langle s, \triangleright \rangle}$, and $[[A]] \subseteq [[B]]$, then $[[C]] = [[A]] \cap [[B]]$

Since John forgetting to bring an umbrella entails John not bringing one but does not entail John hates bringing umbrellas, (3) is interpretable but (7) is not.

2.2. The more restrictive version of Propositional Modification turns out to capture other facts about expletive negation constructions in Vietnamese. Consider (10), which can mean 'Mary does not let it happen that John may not smoke' but which can also have the same meaning as (11), namely 'Mary forbids John to smoke.' We propose that this meaning of (10) is induced by the representation in (12), again with XP being a projection of VP₂ not VP₁ (we address this point in subsection 4).

- (10) Mary *cấm* John không được hút thuốc (11) Mary *cấm* John hút thuốc
Mary forbid John not may smoke cigarettes Mary forbid John smoke cigarettes



Given the revised Propositional Modification, we predict that (the intermediate segment of) VP₂ = **John not may smoke cigarettes** must be interpreted as an entailment of VP₁ = **Mary forbid John smoke cigarettes**, which means that the ordering source for the modal *được* 'may' must be understood as the set of injunctions issued by Mary (cf. Kratzer 1981). This prediction is correct: (10) cannot mean 'Mary forbid John to smoke and according to the house rules John may not smoke.' Thus, it is incoherent to contest (10) with "That's wrong. The house rules do not say John cannot smoke!"

3. Another question left open from the discussion above is why it is not possible to replace the negative verb (e.g. *forbid*, *forget* etc.) in expletive negation constructions with a semantically equivalent sequence of negation and another verb. Thus, (13) cannot mean 'Mary does not allow John to smoke.' It can only mean 'Mary does not let it happen that John may not smoke.' We take this to be evidence that (13) can only be parsed as (15) but not as (14). We propose to account for this fact by stipulating the parsing principle in (16).

- (13) Mary *không cho-phép* John không được hút thuốc
Mary not allow John not may smoke cigarettes
- (14) $[_{TP} \text{Mary} \dots [_{XP} [_{VP1} \dots \text{not allow} \dots] [_{VP2} \dots]]]$ (15) $[_{TP} \text{Mary not} [_{VP} \text{t}_{\text{Mary}} \text{allow John may not smoke}]]]$
- (16) Parsing Preference: parse negation as high as possible!

The Parsing Preference rules out (14) as a possible analysis of (13), given the possibility of (15).

4. It turns out that the Parsing Preference can serve as possible explanation for the choice of label of XP in (3) and (12). The attested word order results from XP being a projection of VP₂ not VP₁. Suppose XP were a projection of VP₁ in (3) and (12), then the resulting word orders would be **John < not < forget < bring < umbrella** for (3) and **Mary < not < may < forbid < John < smoke < cigarettes** for (12). However, both of these strings could be parsed in such a way that negation takes scope above XP, hence they must be so parsed, given the Parsing Preference. Thus, we can say that the label of XP can in principle be either VP₁ or VP₂ and the reason it ends up being VP₂ is because the other option will result in a word order which is forced by the Parsing Preference to be associated with a meaning different from the intended one (cf. Chomsky 2013).

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