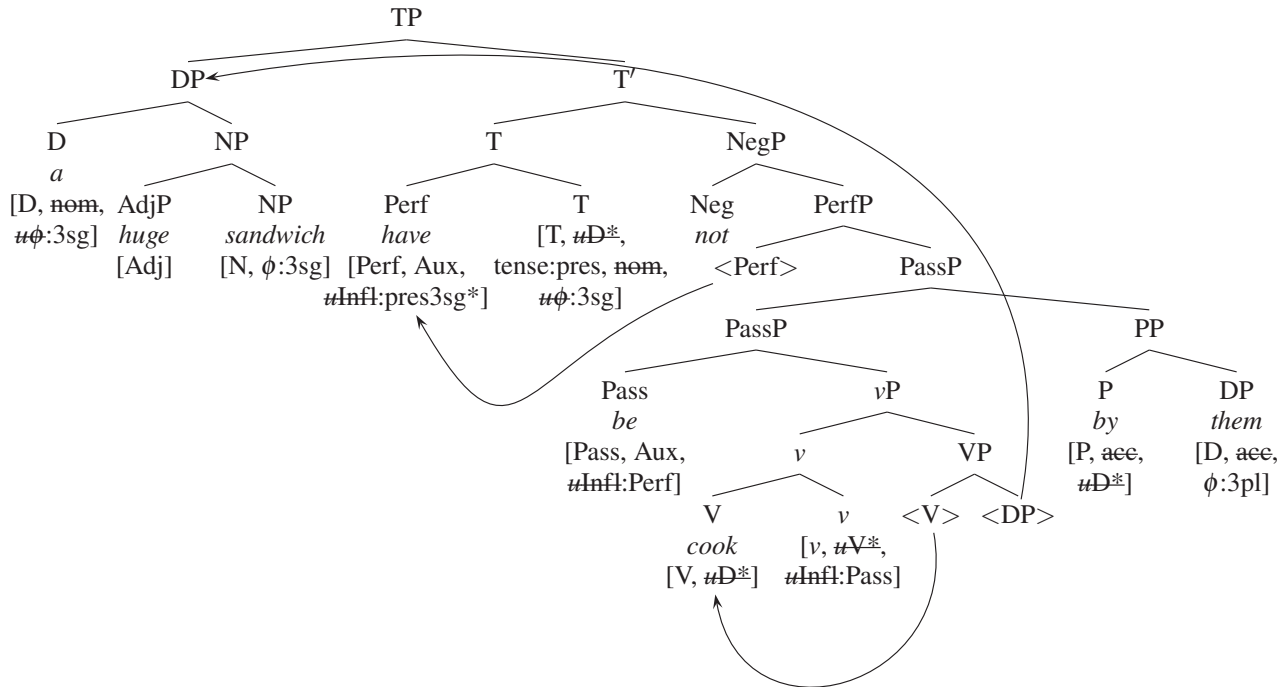


This is an example that we did in class, drawn out in final form.

Example: *A huge sandwich has not been cooked by them.*



From the bottom: The NP *sandwich* needs nothing else, so we then adjoin the AdjP *huge* to it. The HoP then calls for merging the D *a*, which completes the DP. V Merges with DP (in the Theme position), then the HoP calls for merging *v*. V moves to *v*, checking [*uV**]. There is no Agent here because this is a passive—Pass requires both that the *vP* in its complement not have an Agent, and that *v* not assign accusative case. The HoP then calls for merging Pass. Pass values the [*uInfl:*] feature of *v* as [*uInfl:Pass*], meaning that it is pronounced as “cooked.” The PP is formed by merging the DP *them* with the P *by*, which checks the [*uD**] feature of *by*, and the [acc] feature of *by* checks the [case] feature of *them*, resulting in [acc] on both. That PP is then adjoined to the PassP because that’s where *by*-phrases adjoin. The HoP then calls for merging Perf. Perf values the [*uInfl:*] feature of Pass as [*uInfl:Perf*], meaning that it is pronounced as “been.” The HoP calls for merging of Neg, then of T. T agrees with the DP *a huge sandwich*, valuing the [*uφ:*] feature of T as [*uφ:3sg*], and checking the [nom] feature of T and the [case] feature of the DP, resulting in [nom] on both. Then T values the [*uInfl:*] feature of Perf as strong [*uInfl:pres3sg**] so Perf must move up to head-adjoin to T, checking the feature [*uInfl:pres3sg**], meaning that it is pronounced as “has.” Finally, the DP *a huge sandwich* is moved up to the specifier of TP, checking the [*uD**] feature of T, and finishing the derivation.