

This file represents an extension of Karttunen’s (1977) classification of question-embedding verbs, constructed and used by Hacquard & Wellwood (“Embedding epistemic modals in English”, *Semantics & Pragmatics*, 2012) to classify occurrences of modals embedded in interrogative complements of attitude verbs. Verbs included in Karttunen’s original classification are bolded. A superscript and corresponding footnote for a verb indicate that verb’s classification in Appendix 2 of the paper, where it was classified based on occurrences of embedding declarative complements. We extend warm thanks to Kyle Rawlins for requesting these data, and for help assembling the correspondences between the declarative and interrogative classifications.

Classification of question-embedding verbs

Communication address ² , advertise ² , announce ² , answer ² , clarify ² , communicate ² , confirm ¹ , defend, demonstrate ¹ , demystify, depict, describe, detail, dictate ⁵ , disclose ² , discuss, emphasize ¹ , explain ¹ , highlight ¹ , illuminate, illustrate ² , indicate ² , mention ² , negotiate, overstate, pinpoint, prove ¹ , publicize ² , recommend ¹ , relay, remind ² , report, reveal ² , say ² , show ² , signal ² , state ² , suggest ¹ , summarize, tell ² , underscore ¹
Conjecture anticipate ⁷ , estimate ⁷ , forecast ⁷ , foresee ⁷ , guess ⁷ , overestimate ⁷ , predict ⁷ , project ⁷ , speculate ³
Decision control , decide ¹ , determine ³ , plan, prejudice, settle, specify ²
Inquisitive analyze, ask , assess ³ , calculate ³ , check, compute ³ , consider ³ , contemplate, debate, evaluate, examine, explore, figure (out) ³ , gauge ⁷ , inquire, investigate , judge ¹⁰ , misjudge ³ , ponder, probe, question, re-evaluate, re-evaluating, reassess ³ , reconsider ³ , reevaluate ³ , reexamine, research, review, study, think ³ , wonder
Knowledge acquisition ascertain ³ , detect ⁹ , discern ⁹ , discover ⁴ , find (out) ³ , found , gather ³ , hear ⁹ , identify, infer ³ , learn ⁴ , observe ⁹ , realize ⁴ , record, sense ⁹
Knowledge state baffle, disregard, doubt ¹⁰ , envision ⁸ , fathom ⁸ , forget ⁴ , grasp ³ , ignore ³ , imagine ⁸ , know ³ , mind ⁶ , overlook ⁴ , recall ⁴ , remember ⁴ , see, surprise ⁶ , underestimate ⁷ , understand ³ , visualize ⁸
Opinion appreciate, dig ⁶ , hate ⁶ , like ⁶
Relevance care, influence ⁵ , matter

¹Acceptance/Argumentation

²Acceptance/Communication

³Acceptance/Doxastic

⁴Acceptance/Semifactive

⁵Desideratives, directives/Order

⁶Emotive/Factive

⁷Futures, perception, fiction/Conjecture

⁸Futures, perception, fiction/Fiction

⁹Futures, perception, fiction/Perception

¹⁰Possibility/Certainty