

Marty, Romoli, Sudo & Breheny 2023

Scalar diversity and inference task

Ronai & Xiang 2021: Experiment 2

- 43 scales from Van Tiel et al.'s 2016 Experiment 2
- QuD modulation
 - **STRONG:** *Is the student brilliant?*
 - **WEAK:** *Is the student intelligent?*

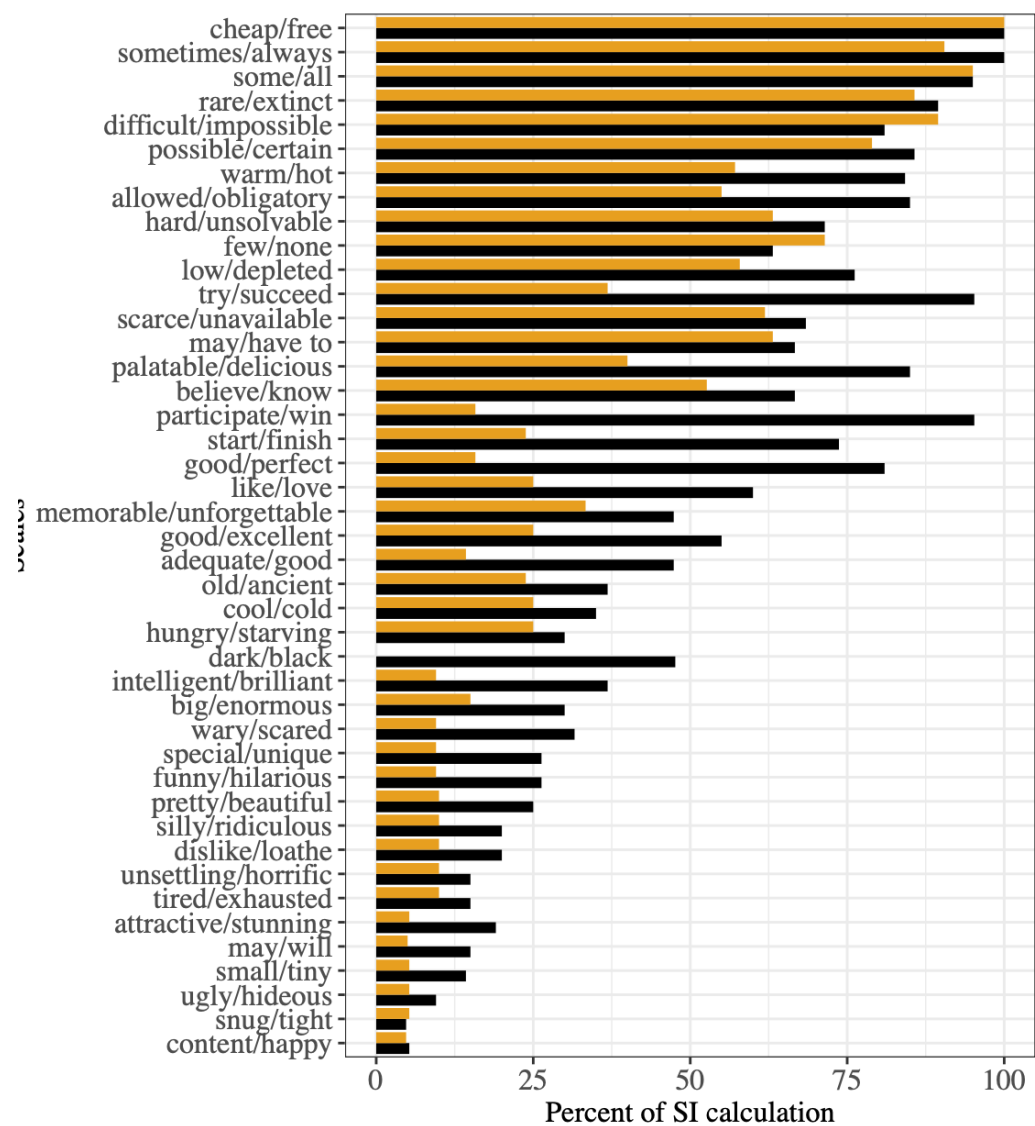
Sue: *Is the student brilliant?*

Mary: *She is intelligent.*

Would you conclude from this that, according to Mary, the student is not brilliant?

Yes.

No.



Question strong weak

Asymmetry between STRONG and WEAK

- STRONG:
 - Sue: *Is the student brilliant?*
 - Mary: *She is INTELLIGENT_F.*
- WEAK:
 - Sue: *Is the student intelligent?*
 - Mary: *She is intelligent. or She IS_F intelligent.*

Two experiments

Other ways of asking Weak questions:

- **Experiment A: ANTONYM**
 - Sue: *Is the student unintelligent?*
 - Mary: *She is INTELLIGENT_F.*
- **Experiment B: OR-NOT**
 - Sue: *Is the student intelligent or not?*
 - Mary: *She is INTELLIGENT_F. or She IS_F intelligent*