Comments on Romoli's Talk

Uli Sauerland

ZAS: Leibniz-Zentrum Allgemeine Sprachwissenschaft, Berlin

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$A \vee B$

- true ignorance (Meyer 2013, and others): $\neg \mathbf{K} A \land \neg \mathbf{K} \neg A$, (same for B)
- uncertainty (positive): $\neg \mathbf{K} A$
- uncertainty (negative): $\neg \mathbf{K} \neg A$

Marty et al.'s results: 1





 $\Diamond (A \lor B)$

• $\neg \mathbf{K} \Diamond A: \bigstar$ $\neg \mathbf{K} \Diamond B: \checkmark$ • $\neg \mathbf{K} \neg \Diamond A: \checkmark$ $\neg \mathbf{K} \neg \Diamond B: \bigstar$

• rejection rate: $\approx 100\%$

Marty et al.'s results: 2





$$\neg \Box (A \land B)$$



• rejection rate: $\approx 75\%$

Romoli's new results 1





(60) It is possible that the mistery box contains either a blue ball or a yellow ball

• rejection rate: $\approx 75\%$

Romoli's new results 2





(63) It is not certain that the mistery box contains both a blue ball and a yellow ball

• rejection rate: $\approx 25\%$