A. Appendix

This appendix provides the full set of stimuli for Exp. 1 (section A.1) and Exp. 2 (section A.2).

A.1. Full set of stimuli from Exp. 1

(9)   Item 'Charley speaks Spanish'
    a. QUD BEL?
        Sue runs a company that connects language learners with remote teachers who live all over the world. She's trying to figure out how well her assistant, Cole, knows her remote teachers. Sue's business partner tells her what Cole said about Charley, who lives in {Korea / Mexico}:
    b. QUD C?
        Sue runs a company that connects language learners with remote teachers who live all over the world. She's putting together a list of the languages spoken by the remote teachers. Sue is currently working through the list of teachers to identify who speaks Spanish. When she gets to Charley, who lives in {Korea / Mexico}, Sue says to her business partner:

(10)   Item 'Jackson ran ten miles'
    a. QUD BEL?
        Sue runs a fitness club. She's trying to evaluate how well her new assistant, Cole, knows her clients, who are at all levels of fitness. Sue's business partner tells her what Cole said about Jackson, who is {obese / training for a marathon}:
    b. QUD C?
        Sue runs a fitness club. She's trying to evaluate how well her new assistant, Cole, knows her clients, who are at all levels of fitness. Sue's business partner tells her what Cole said about Jackson, who is {obese / training for a marathon}:

(11)   Utterances ((11e) and (11f) were not combined with QUD BEL?)
    a. Cole knows that {Charley speaks Spanish / Jackson ran ten miles}.
    b. Cole doesn't know that {Charley speaks Spanish / Jackson ran ten miles}.
    c. Cole thinks that {Charley speaks Spanish / Jackson ran ten miles}.
    d. Cole doesn't think that {Charley speaks Spanish / Jackson ran ten miles}.
    e. {Charley speaks Spanish / Jackson ran ten miles}.
    f. {Charley doesn't speak Spanish / Jackson didn't run ten miles}.

A.2. Full set of stimuli from Exp. 2

The utterances of Exp. 2 were (11a)-(11d). The stories and visual displays used in Exp. 2 were the ones in Fig. 4 and the ones in Fig. 9.

Sue runs a fitness club. She's trying to evaluate how well her five assistants Kate, Tom, Cole, Tatiana, and Riccardo know her client Jackson. Here is Sue's list:

Assistants	Believes that Jackson ran ten miles?
Kate	yes
Tom	no
Cole	
Tatiana	
Riccardo	

Next up, she wants to record in her list whether **COLE** believes that Jackson ran ten miles. Sue's business partner tells her: *"Cole doesn't know that Jackson ran ten miles."*

First question:

Given what you have read above, how likely is it that Cole believes that Jackson ran ten miles?

very unlikely — very likely

Second question:

Given what you have read above, how likely is it that Jackson ran ten miles?

very unlikely — very likely

(a) QUD BEL?, utterance 'Cole thinks that Charley speaks Spanish'.

Sue runs a fitness club. She's currently working through a list of her clients — Kate, Tom, Jackson, Tatiana, and Riccardo — to identify who ran ten miles over the weekend. She occasionally consults her assistant Cole, who knows some clients better. Here is Sue's list:

Clients	Ran ten miles?
Kate	yes
Tom	no
Jackson	
Tatiana	
Riccardo	

Next up, she wants to record in the list whether **JACKSON** ran ten miles. Sue says to her business partner: *"Cole doesn't think that Jackson ran ten miles."*

First question:

Given what you have read above, how likely is it that Jackson ran ten miles?

very unlikely — very likely

Second question:

Given what you have read above, how likely is it that Cole believes that Jackson ran ten miles?

very unlikely — very likely

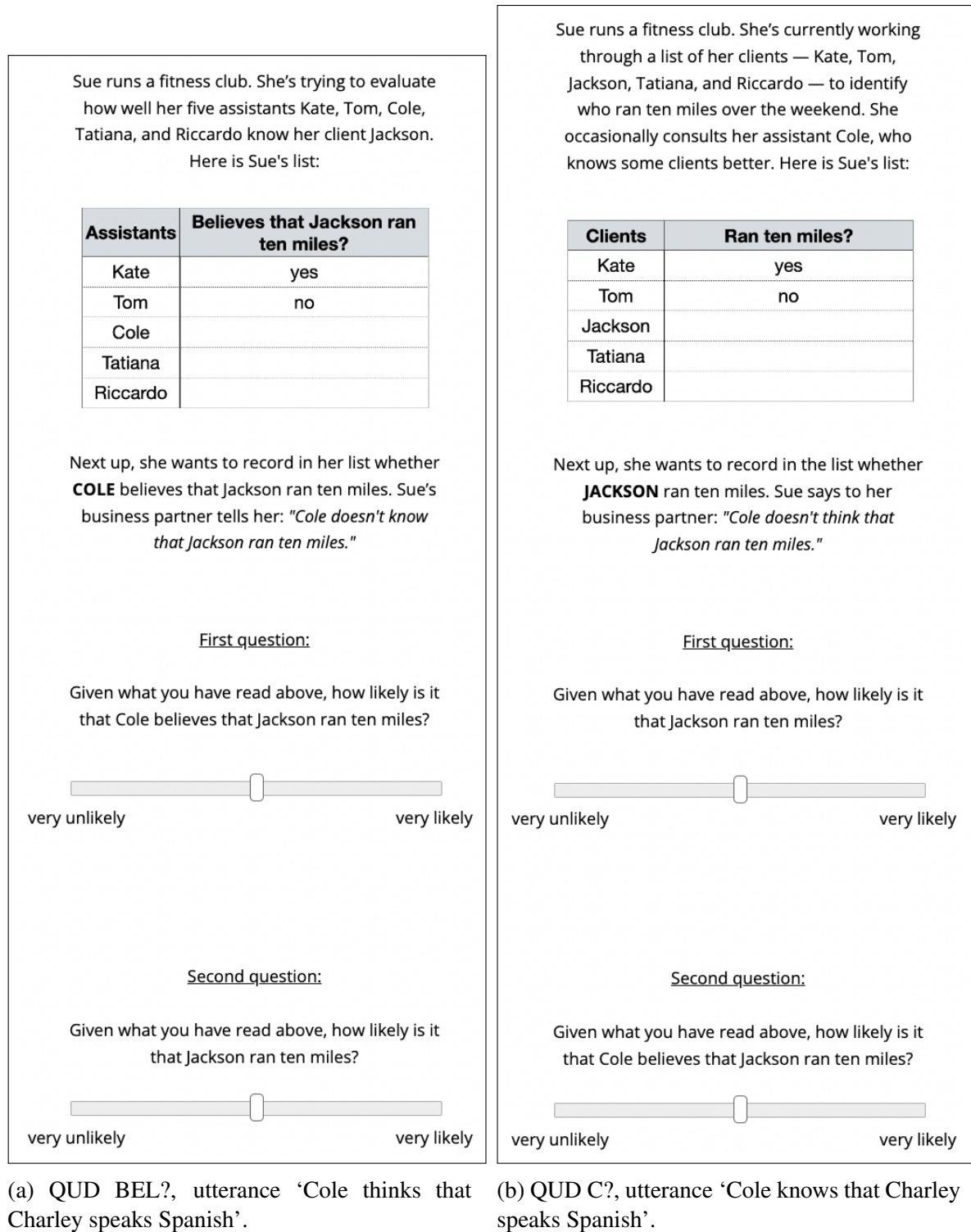(b) QUD C?, utterance 'Cole knows that Charley speaks Spanish'.

Figure 9: Stories and visual displays in Exp. 2 for item 'Jackson ran ten miles'.