Summary of LABLab Literature Review Presentations
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Author	Task	Stimuli	Additional Info
Hirsch et al. (2018)	*Object naming & description task:* 2 participants - Visual: monitors displaying same images - Speaker/listener role switches every 15s - Control: monologue, speaked named & described the image - Video & audio	Common & unrelated objects (ie. clock, coconut, harp)	fNIRS, fMRI
Beechey et al. (2018)	*Puzzle task:* 2 participants - Displayed on 2 clipboards - Participants verbally described pathway through maze to each other - Audio only	Vowels: [ɐ], [ɪ], [u] extracted from segments "d[ɐ]rk bl[u]e", "light bl[u]e", "p[ɪ]nk	Noisy acoustic environments
Scarborough & Zellou (2022)	- Instructions task with confederate - target word - Block 1: *"Fill-in-task"* participants read instructions (where to place items) to confederate; 5x4 grid organized by different coloured shapes - Block 2: *"Magnet task"* participants read instructions about placement aloud to confederate; using a large magnetic board, participants are required to pass physical item to confederate for placement	96 monosyllabic target words: half Hi ND and half Lo ND (ie. ledge [Hi ND], pledge [Lo ND]) - equally containing four vowel phonemes /i/ /æ/ /ɛ/ /ɑ/ 65 monosyllabic filler items	
Gilbert et al. (2014)	Exp 1: *Intelligibility* - listen to stimuli using headphones, transcribe 80 pseudorandomized sentences from QS/NAS (Quiet/talker babble via headphones) recordings, scored by number of	80 meaningful sentences produced by speaker over 2 sessions, each containing 4 keywords for intelligibility scoring	

	keywords correctly identified (4/sentence), 160 keywords totally ● Exp 2: *Recognition Memory:* 4 experimental conditions - (1) conversational QS (0 dB), (2) clear QS (3 dB), (3) conversational NAS (0 dB), (4) clear NAS (3 dB); listen to 1st set of sentences	● Sentences read in conversational speaking style (CO) and clear speaking style (CL)	
Baker & Hazan (2011)	● *Diapix Task* : participants in separate rooms, communicated through headsets; speech saved on separate audio channels; (1) training task (2) 3 Diapix tasks in succession (beach, farm & street scenes); start in top left corner & work clockwise (max. 15 mins per image)	● /p/-/b/, /s/-/ʃ/ in 36 monosyllabic CV(C) keywords with near minimal word pairs ie. pear/bear, sign/shine	
Tuomainen & Hazan (2018)	*review of methods of eliciting spontaneous speech in interaction		
Teoh et al. (2022)	● 40 x 1 min trials - participants asked to listen to 2 different audios (1 male/1 female, in each ear, stories) simultaneously & attend to only one talker; after each trials, listeners were asked 4 multiple choice questions on both the attended & unattended audios	● Sherlock Holmes novels ● Male speaker: The Hound of the Baskervilles ● Female speaker: A Study in Scarlett	● EEG data collected ● Cocktail party attention debate: study shows attention differentiality modulates cortical processing of acoustic & phonetic info