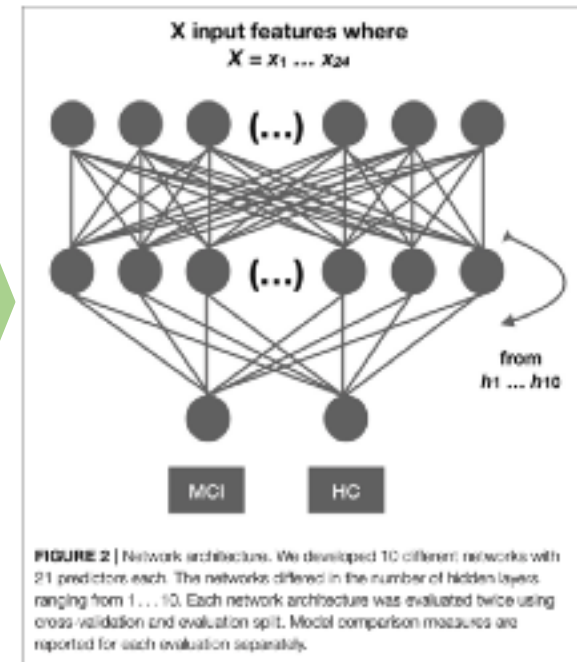
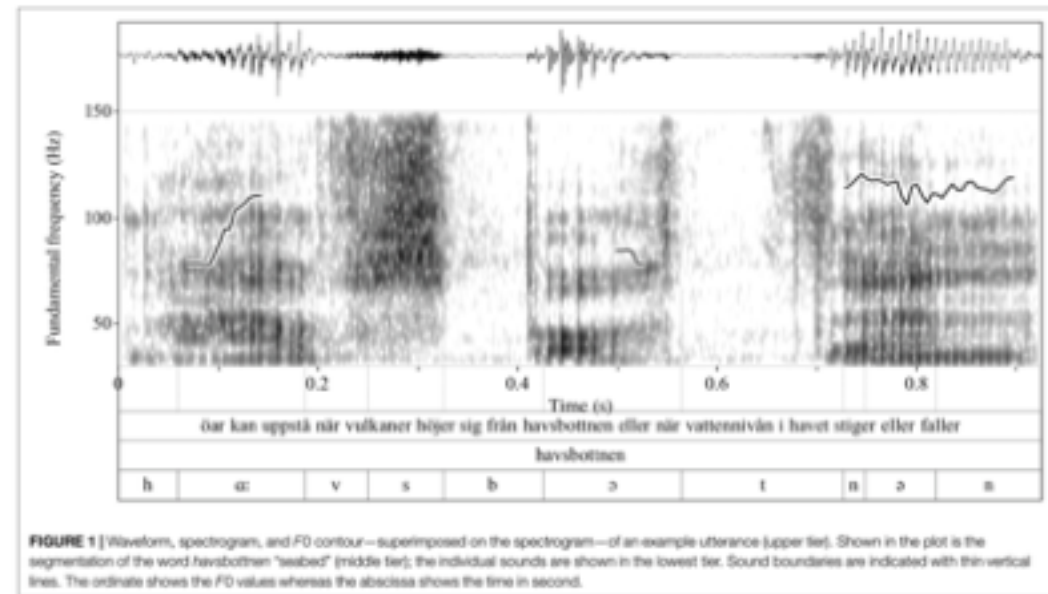


Establishing the fundamentals

- In recent work, we recognized that discourse being a highly interdisciplinary field, but it lacks consensus in terms of terminology, tools, reporting styles.
 - As part of an international group of researchers, we have studied and proposed consensus requirements for reporting discourse using a spoken ***e-Delphi survey***, which encourages consensus following a sequence of surveys.
 - Using this method, we established reporting requirements concerning sampling, transcription, and analysis (Stark et al., 2022; Stark Brielle et al., 2020).
 - Another problem is to establish objective measures of evaluation and scoring discoursing.
- Brielle C. Stark, Lucy Bryant, **Charalambos Themistocleous**, Dirk-Bart den Ouden, Angela C. Roberts. (2022). Best practice guidelines for reporting spoken discourse in aphasia and neurogenic communication disorders. *Aphasiology*, 1-24.
 - Stark Brielle, C., Dutta, M., Murray Laura, L., Bryant, L., Fromm, D., MacWhinney, B., Ramage Amy, E., Roberts, A., den Ouden Dirk, B., Brock, K., McKinney-Bock, K., Paek Eun, J., Harmon Tyson, G., Yoon Si, O., **Themistocleous, Charalambos**, Yoo, H., Aveni, K., Gutierrez, S., & Sharma, S. Standardizing Assessment of Spoken Discourse in Aphasia: A Working Group With Deliverables. *American Journal of Speech-Language Pathology*.

Analyzing Discourse/Connected Speech Automatically to Diagnose Patients and Monitor and Score Performance in the lab and memory clinics, and everyday environments

Patients with MCI vs HC



Automatic Transcription & Segmentation

Themistocleous Charalambos, Eckerström Marie, and Dimitrios Kokkinakis (2018). Identification of Mild Cognitive Impairment from Speech in Swedish using Deep Sequential Neural Networks. *Frontiers in Neurology*.