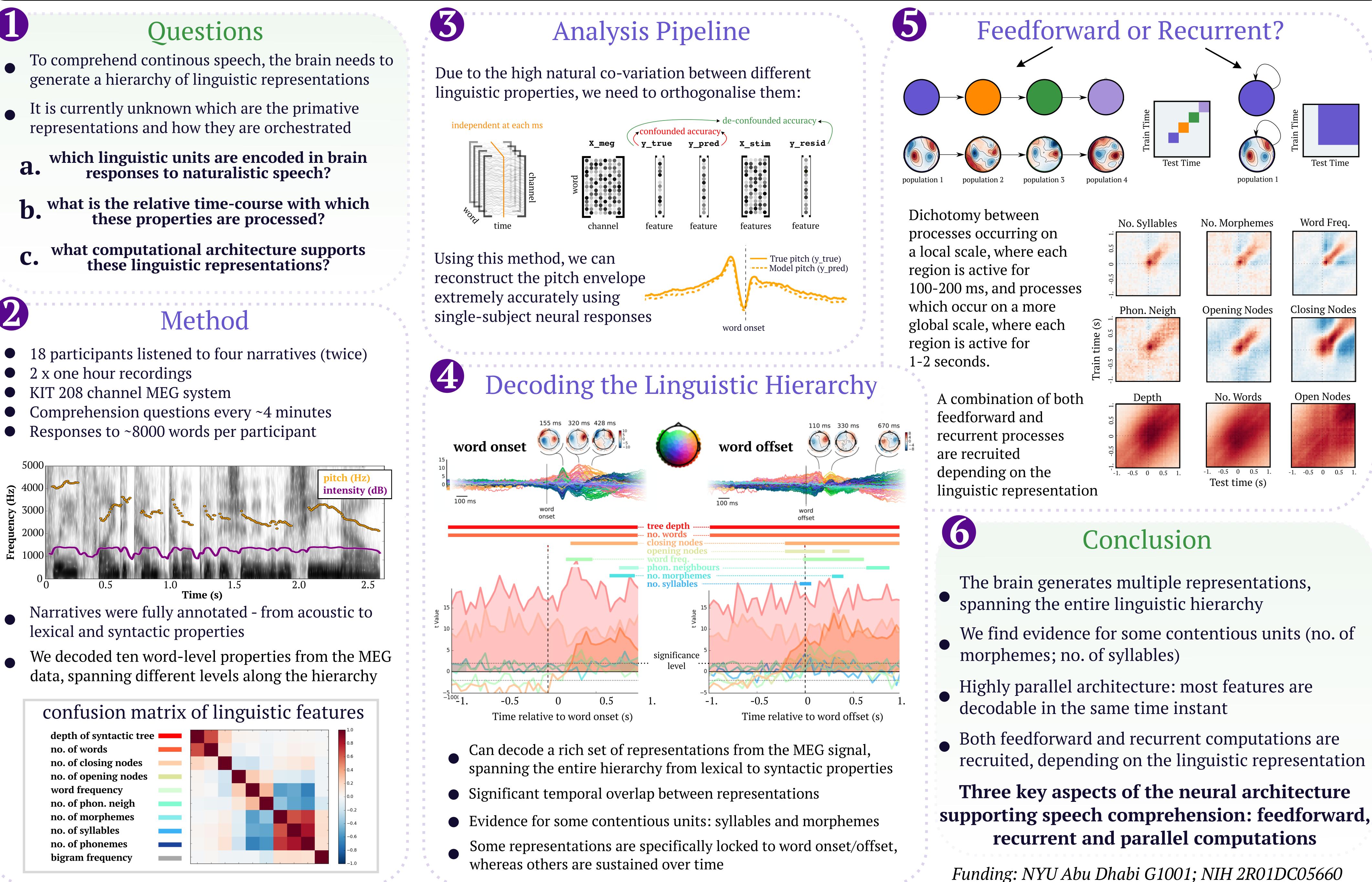
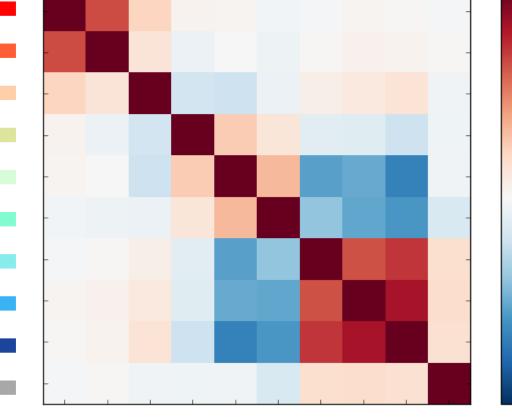






- representations and how they are orchestrated
- - these linguistic representations?





Parsing continuous speech into linguistic representations Laura Gwilliams^{1,2} Jean-Remi King^{1,4,5} & David Poeppel^{1,3} New York University; NYU Abu Dhabi; Max Planck Institute; CNRS; Facebook AI Research

1.		
0.5		
0		
-0.5		
- 1-	1.	-0

Conclusion

- The brain generates multiple representations, spanning the entire linguistic hierarchy
- We find evidence for some contentious units (no. of morphemes; no. of syllables)
- Highly parallel architecture: most features are decodable in the same time instant
- Both feedforward and recurrent computations are recruited, depending on the linguistic representation

