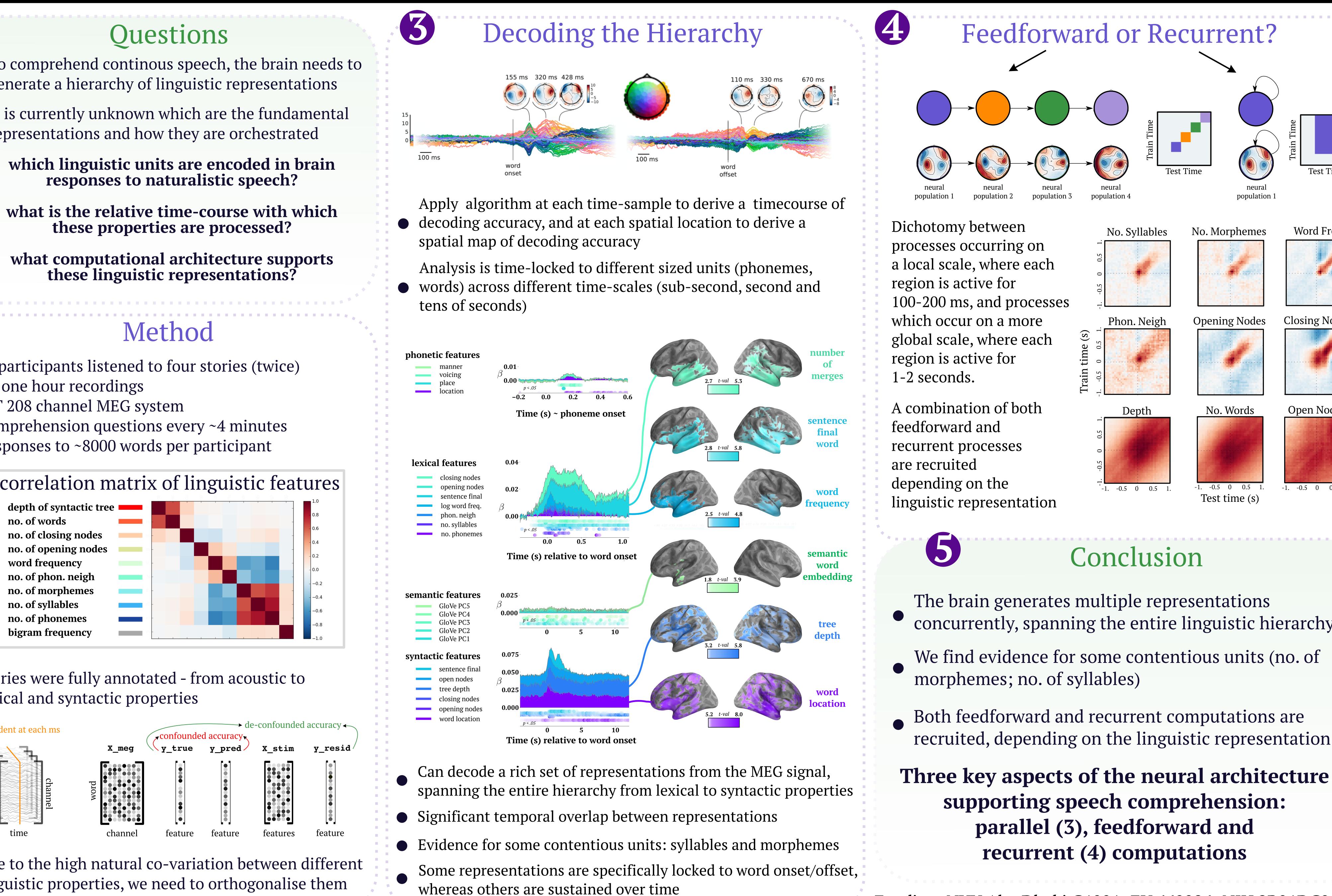


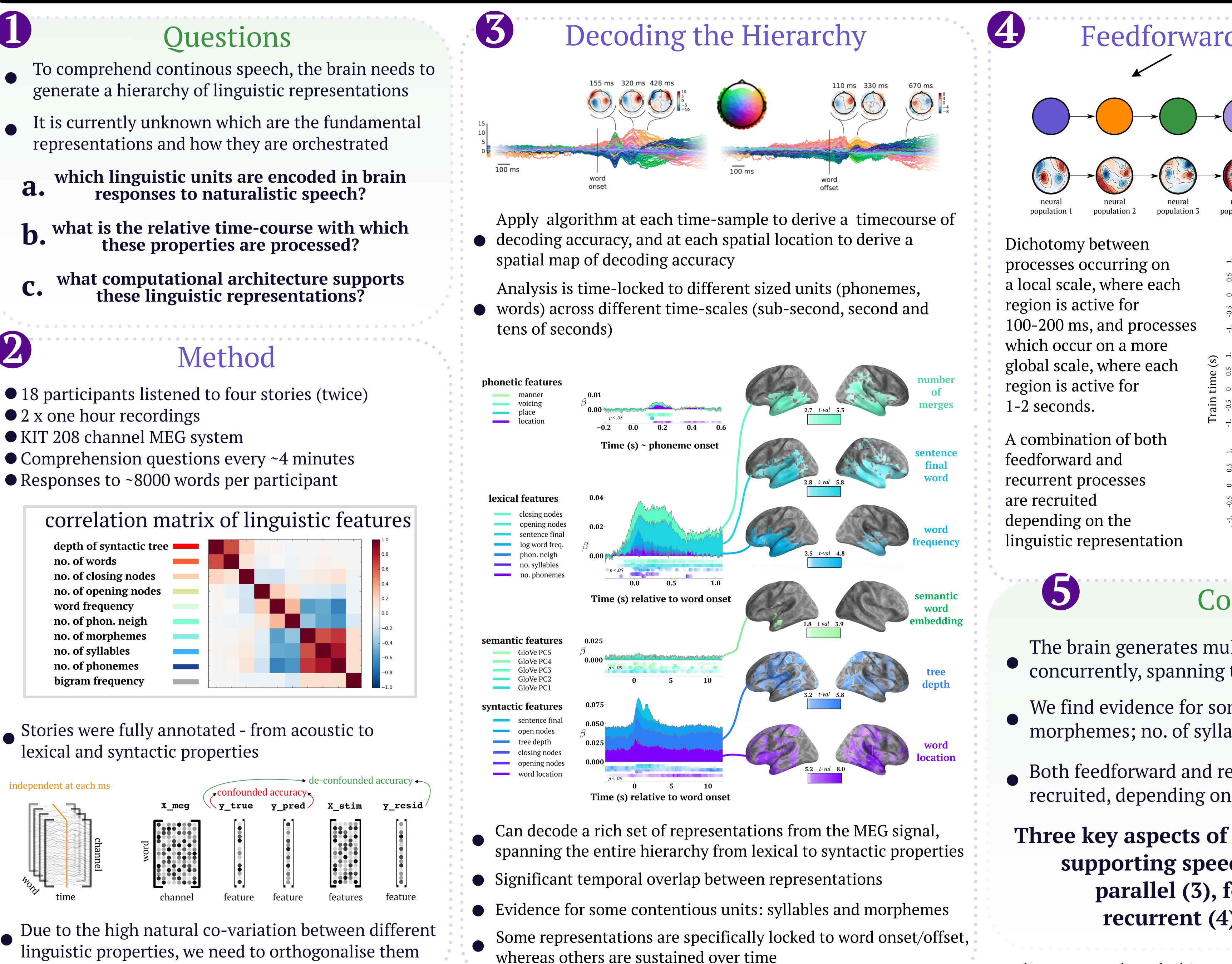




- representations and how they are orchestrated
- - these linguistic representations?

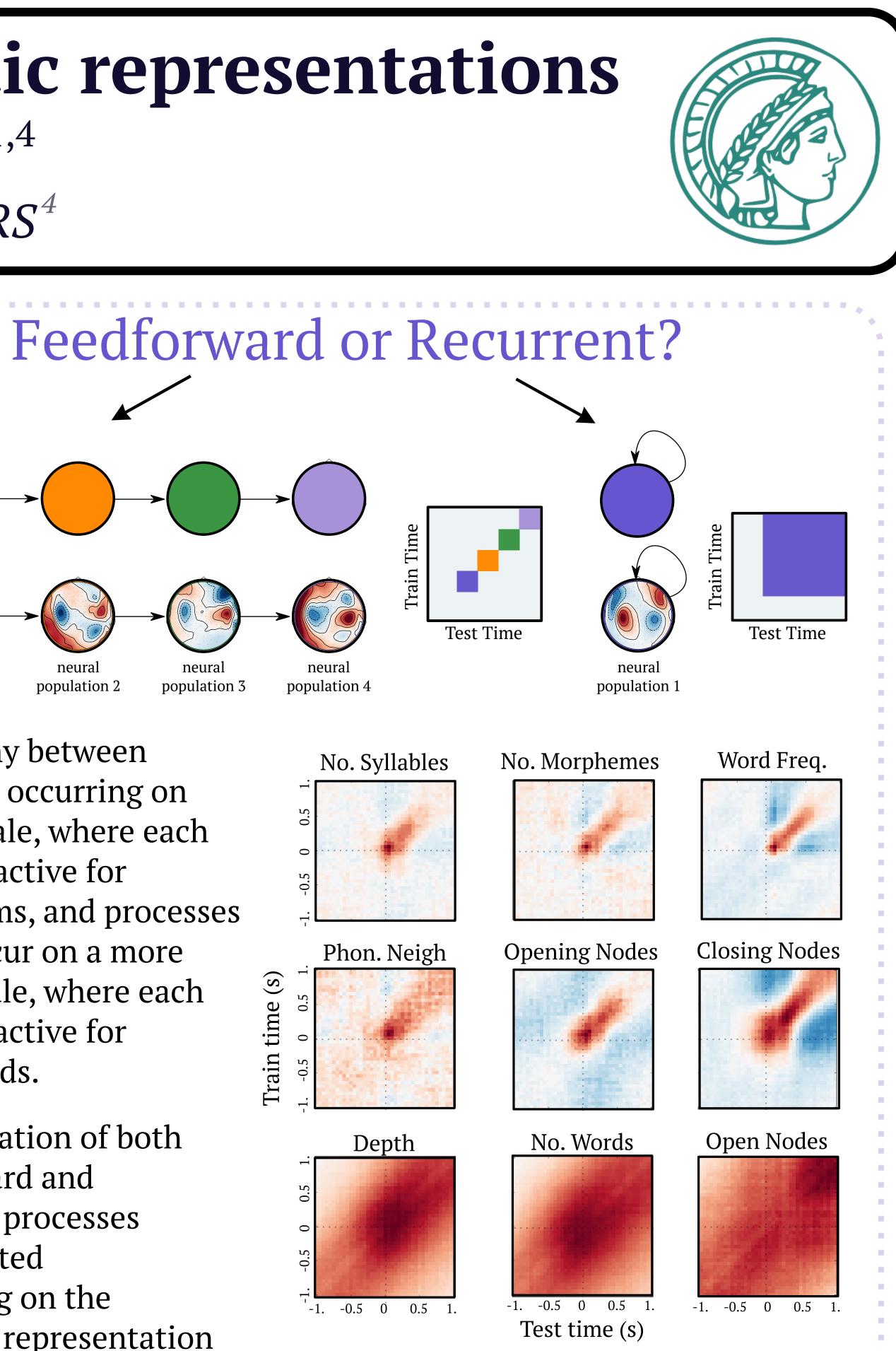


lexical and syntactic properties



## Transforming acoustic input into a hierarchy of linguistic representations Laura Gwilliams<sup>1,2</sup> David Poeppel<sup>1,3</sup> Jean-Remi King<sup>1,4</sup> New York University<sup>1</sup>; NYU Abu Dhabi<sup>2</sup>; Max Planck Institute<sup>3</sup>; CNRS<sup>4</sup>

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## Conclusion

concurrently, spanning the entire linguistic hierarchy

We find evidence for some contentious units (no. of

recruited, depending on the linguistic representation

supporting speech comprehension: parallel (3), feedforward and recurrent (4) computations