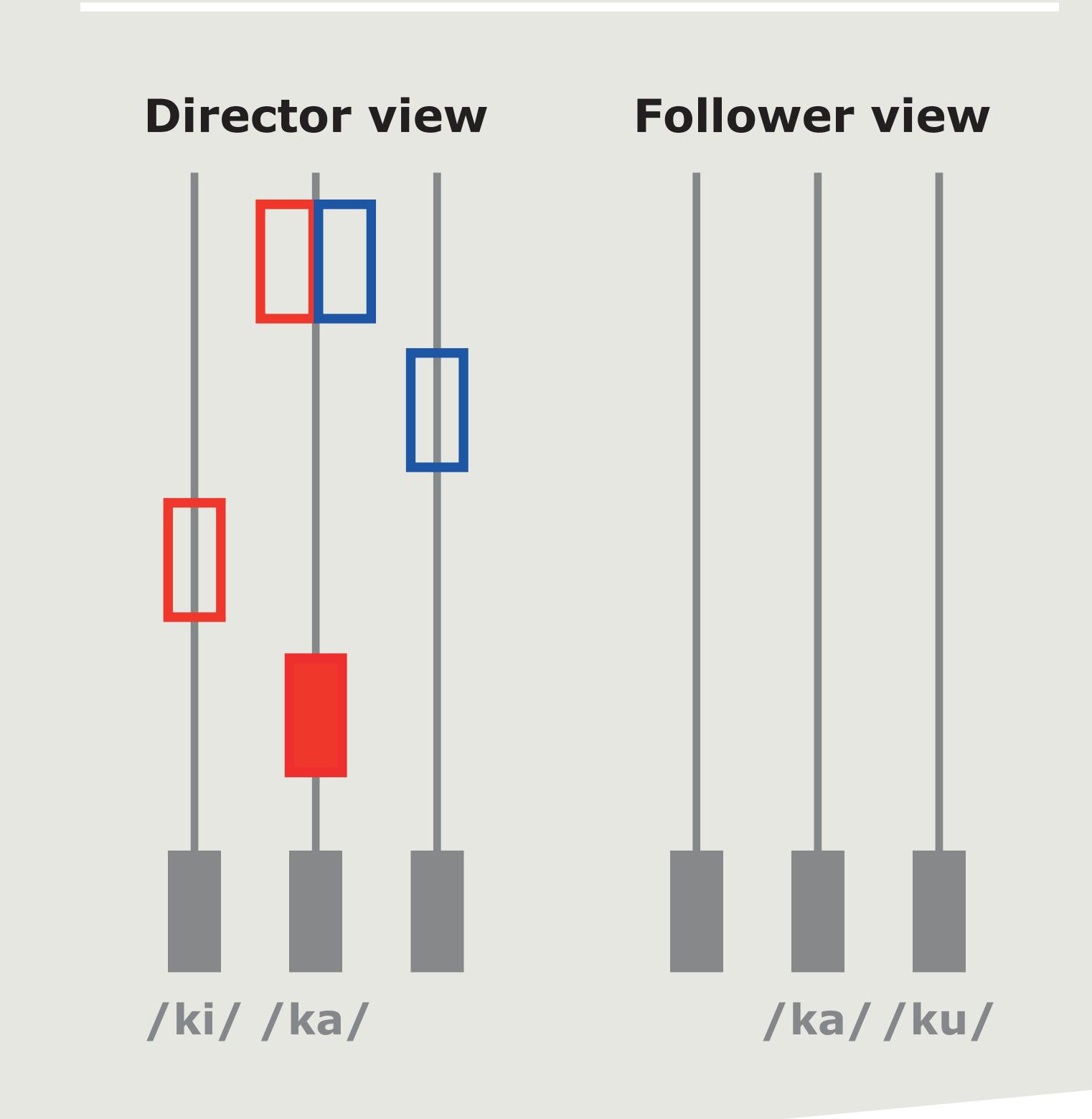
A novel paradigm to investigate phonetic convergence in interaction

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BACKGROUND

- Methodological trade-off when studying phonetic convergence: either highly controlled (shadowing) or a high level of interaction
- Novel paradigm: phonetic variant of the procedural coordination task (game) which is both interactive and highly controlled
- Additional feature: emergence of shared communication system using only three CV sequences



DATA COLLECTION

- Data collection at 3-day Lowlands music festival with 50,000 visitors
- \blacktriangleright N = 77 pairs x 15-min. game
- Convergence measured via F1-F2 Mel-scaled ED between speakers before and after game



RESULTS

Significant (p = .01) task-specific convergence between speakers after game in /ka/

