

Toward a scary comparative corpus: The Werewolf Spoken Corpus

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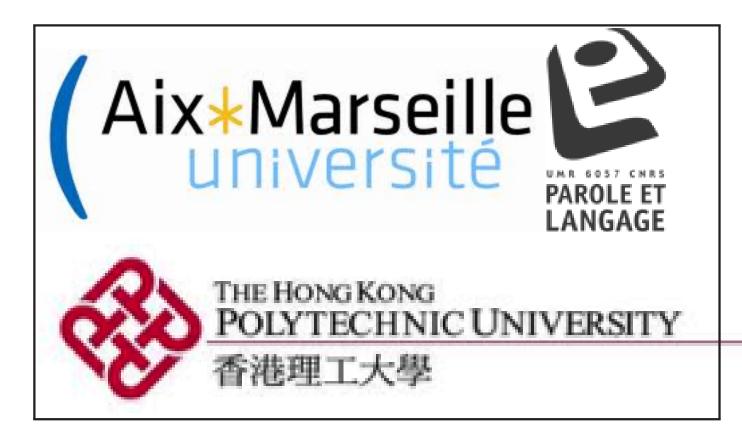
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Toward a scary comparative corpus The Werewolf Spoken Corpus

Laurent Prévot¹, Yao Yao², Arnaud Gingold¹, Bernard Bel¹, Kam Yiu Joe Chan²

¹ Aix Marseille Université, Laboratoire Parole et Langage, France ²The Hong Kong Polytechnic University, Chinese and Bilingual Studies, Hong Kong



Context

- dilogue and multilogue differ significantly in terms of dialogue structure [3]
- Not much multilogue corpora available
- No comparable multilogue corpus available, see however [4] for English
- Existing multilogues [1, 5, 2] have been created within cooperative communicative situation

Elicitation Protocol

- Role: 2 Werewolf, 6 villagers, 1 game master
- Alternation of night / day phases
 - night: werewolves decide to make disappear a villager (silent)
 - day: everyone vote to kill someone (discussion phase)
- Game ends when either all villagers or werewolves have been killed

Recording Setting

- Not much quantitative / systematic study of cross-linguistic / intercultural variation of this kind of natural data
- More theoretically: how different sources of variation blends within actual perfomances

 \sim Record and analyse a comparable corpus of Werewolf social game in France and in Hong Kong.



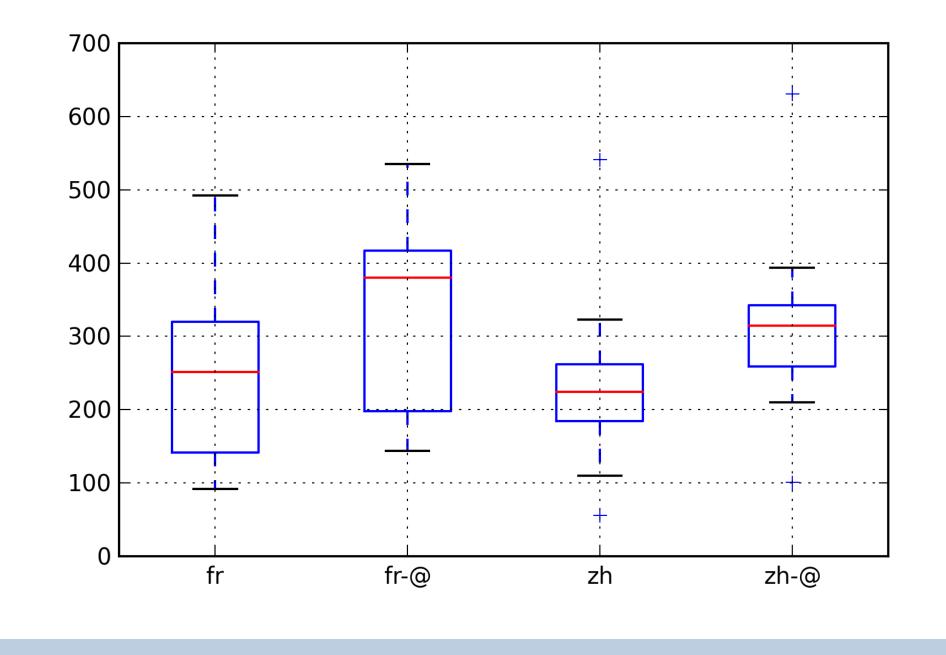
French side

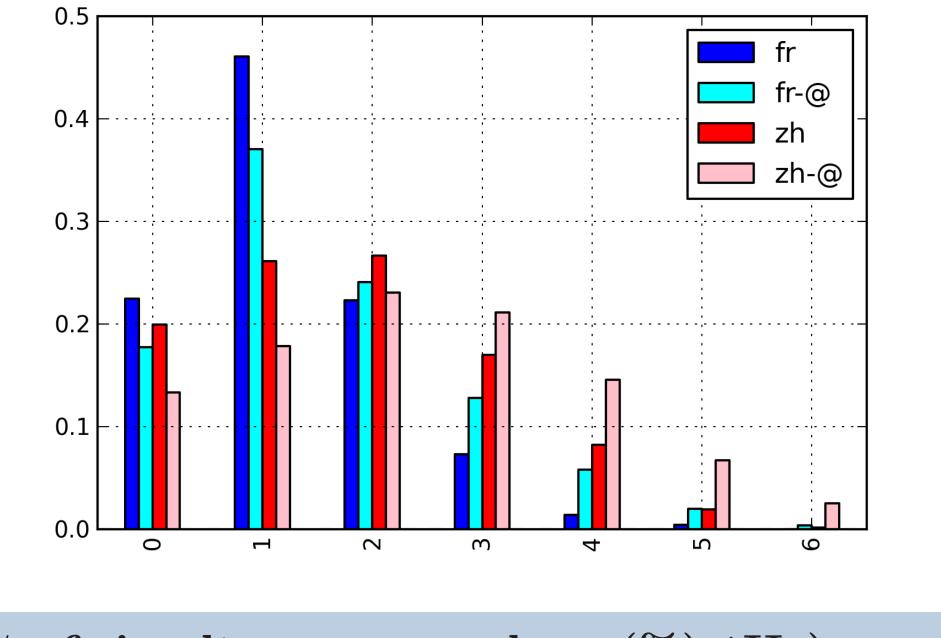
Objectives

- Explore linguistic and cultural variation is non-cooperative multilogue situation (deceptive speech, persuasive speech, competitive speech)
- First step: gather data and check first variables (overlap, turn-taking, amount of speech) variations across speaker situation

Basic info about a game

• So far 4 games for each language, 7-27 minute per game





difficult • Usually to record clean speech data in 'one-location' multilogues

• Here a circle of people (French), 2 rows of 4 people facing each other (Mandarin)

Data curation

The WEREWOLF pilot corpus and its annotations were stored and described so as to allow a wide dissemination

- http://hdl.handle.net/11041/ ortolang-000900
- http://hdl.handle.net/11041/ ortolang-000908).

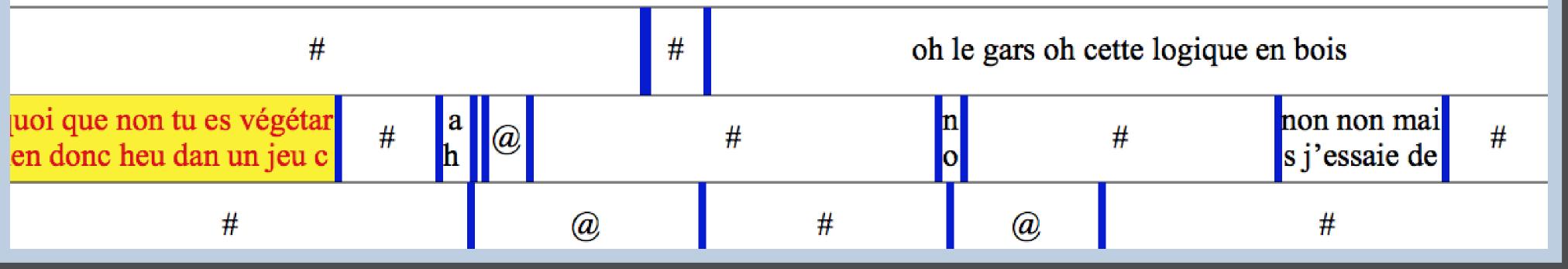
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Actual Speaking Duration (s)

Illustration													
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- [5] Adam Janin, Don Baron, Jane Edwards, Dan Ellis, David Gelbart, Nelson Morgan, Barbara Peskin, Thilo Pfau, Elizabeth Shriberg, Andreas Stolcke, et al. The icsi meeting corpus. In Acoustics, Speech, and Signal Processing, 2003. Proceedings.(ICASSP'03). 2003 IEEE International Conference on, volume 1, pages I-364. IEEE, 2003.



Acknowledgements

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