### **Accepted Manuscript**

Learning Off-line vs. On-line Models of Interactive Multimodal Behaviors with Recurrent Neural Networks

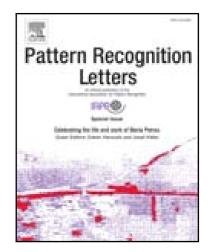
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#### ACCEPTED MANUSCRIPT

## **Highlights**

- Training behavioral models for task-oriented face-to-face interactions
- Evaluation of LSTM RNN against statistical methods
- Comparison between off-line vs. on-line predictions
- Extends experiments previously published in Pattern Recognition Letter (Mihoub et al, 2016)



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