



# Functional diversity and sensory integration in the lateral and basal amygdala nuclei during stimulus processing

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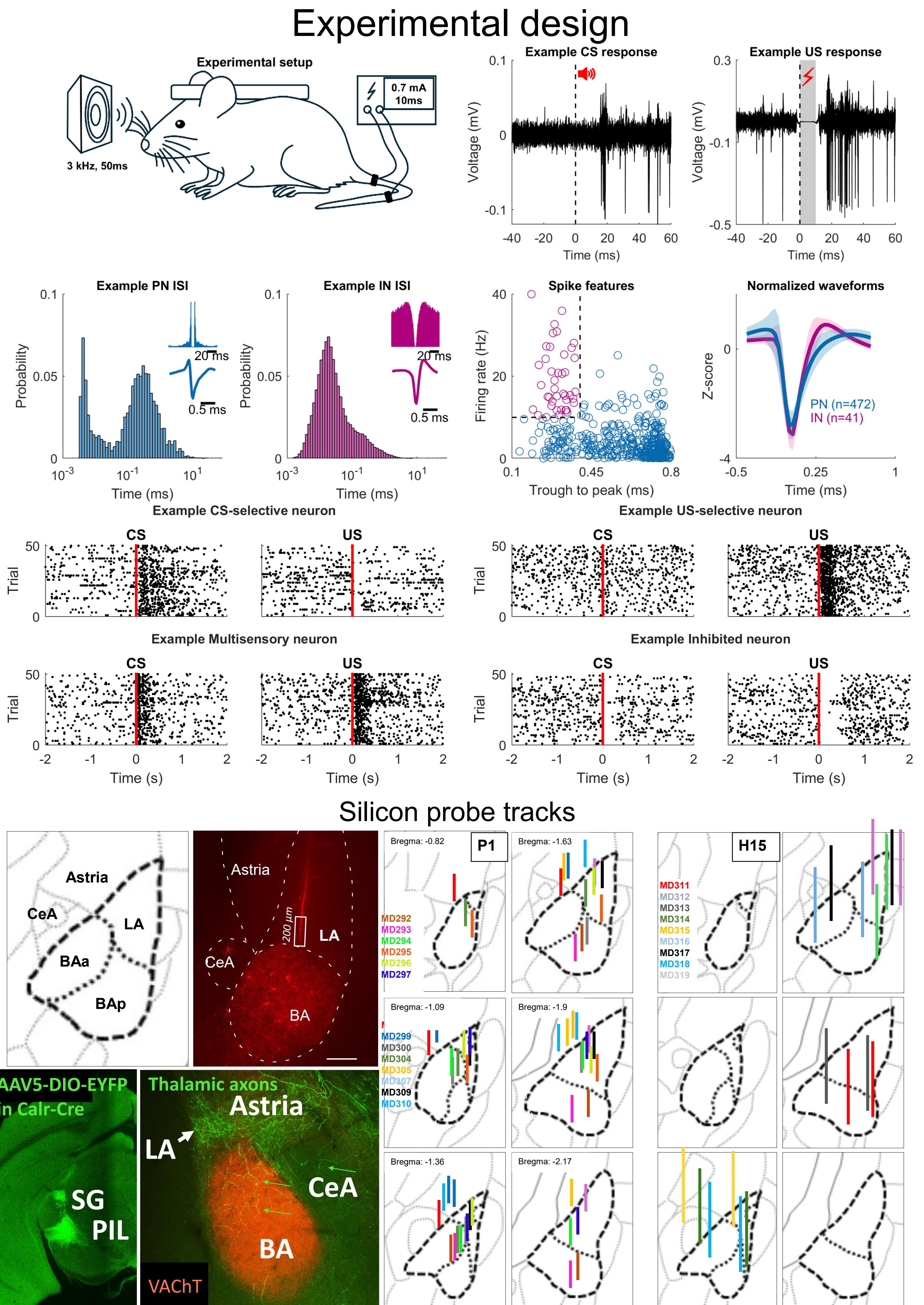
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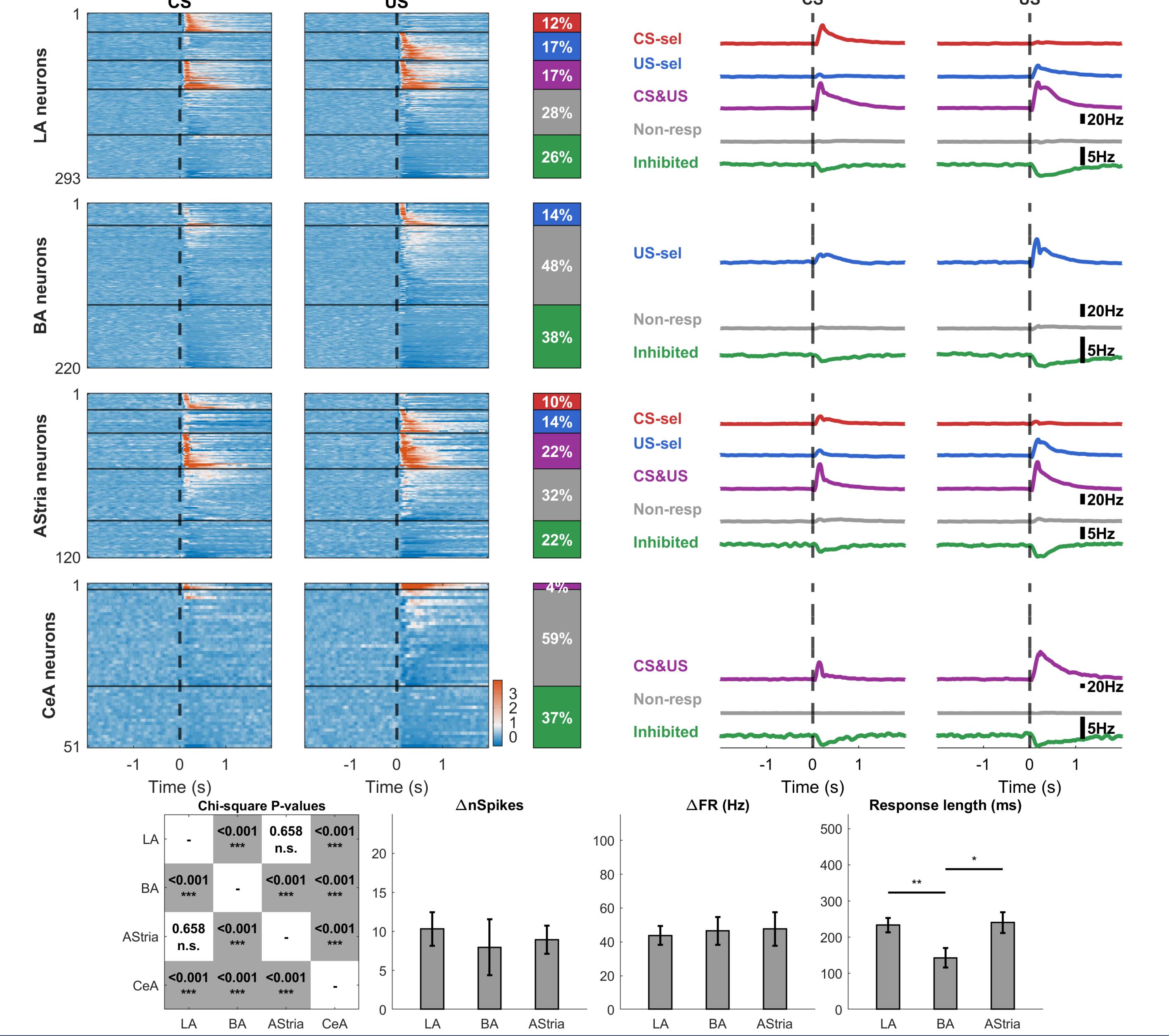
## Introduction



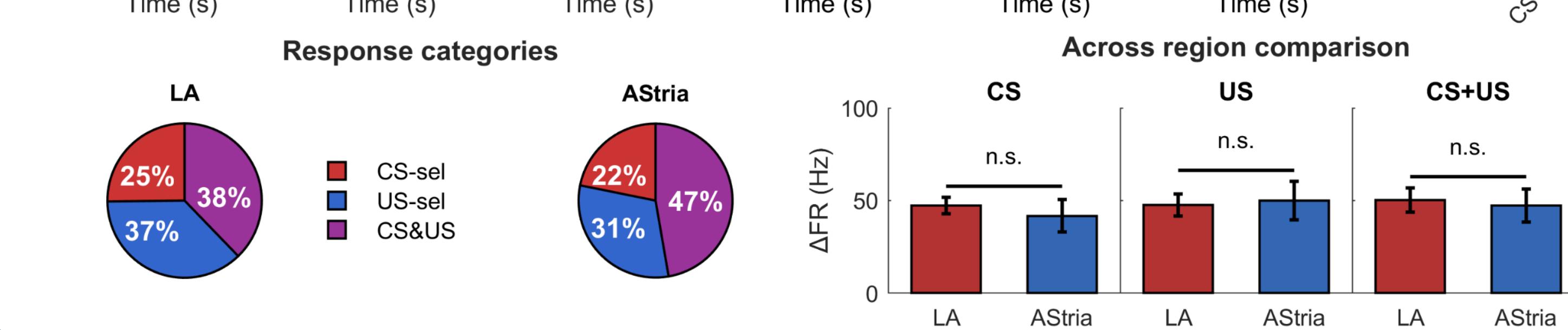
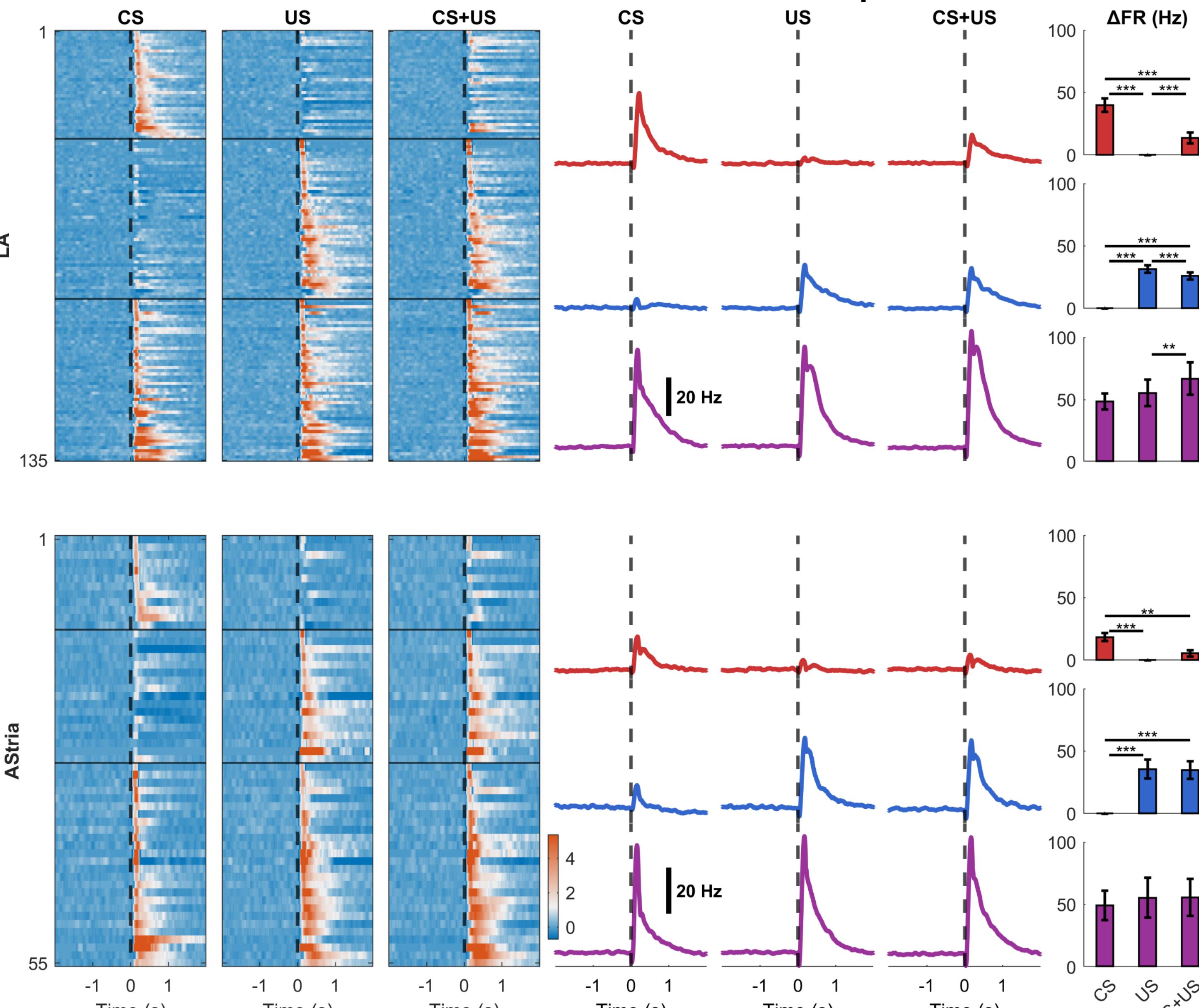
## Methods

1. In vivo multichannel electrophysiological recordings in awake, head-fixed mice
2. Retrograde viral tracing combined with immunostaining (AAV injection into the PL or DMS)
3. Retrograde viral tracing combined with retrograde CTB tracing
4. Anterograde transsynaptic viral tracing combined with immunostaining (AAV injection into the PIL/SG)

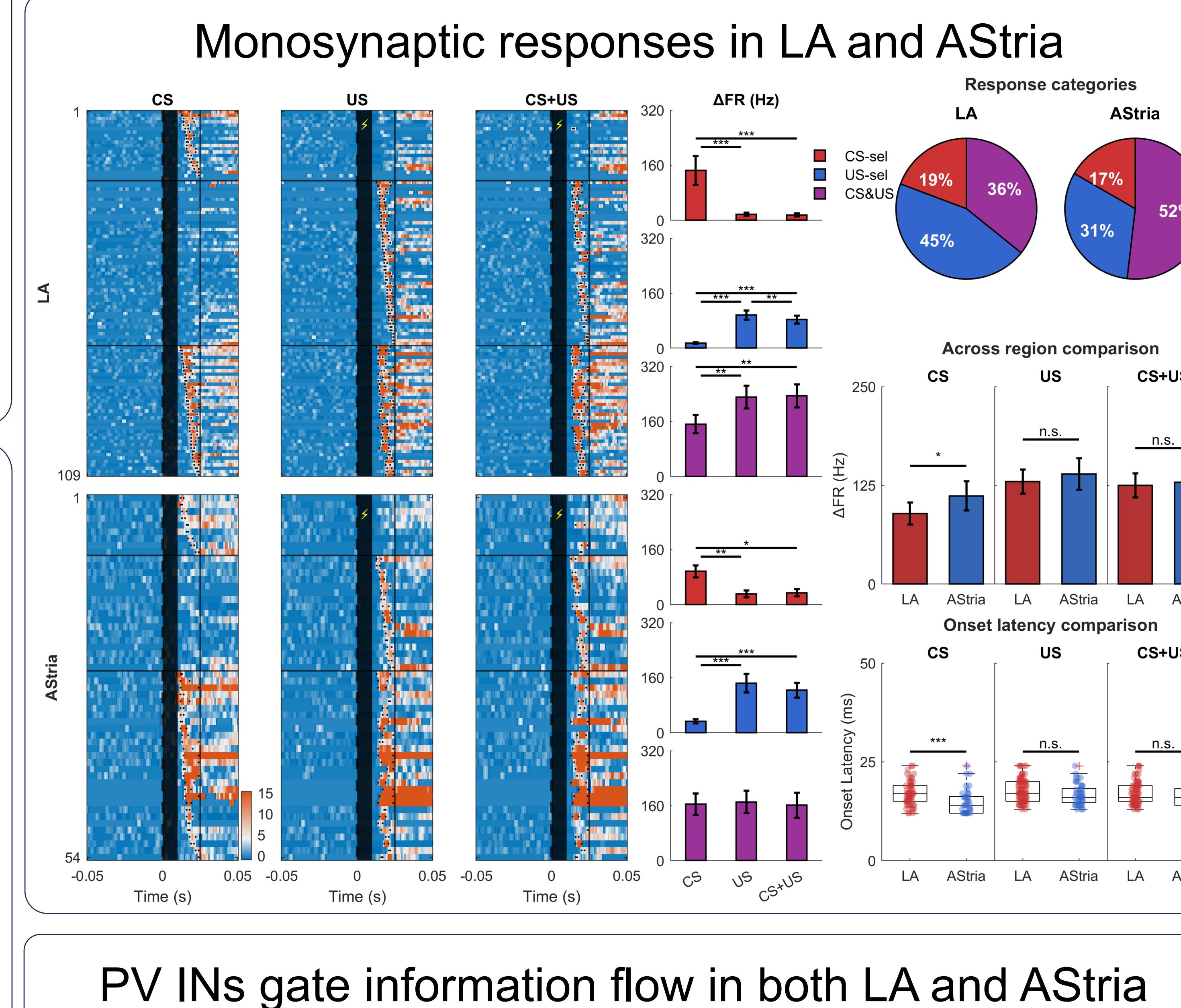
## Stimulus processing in the extended amygdala



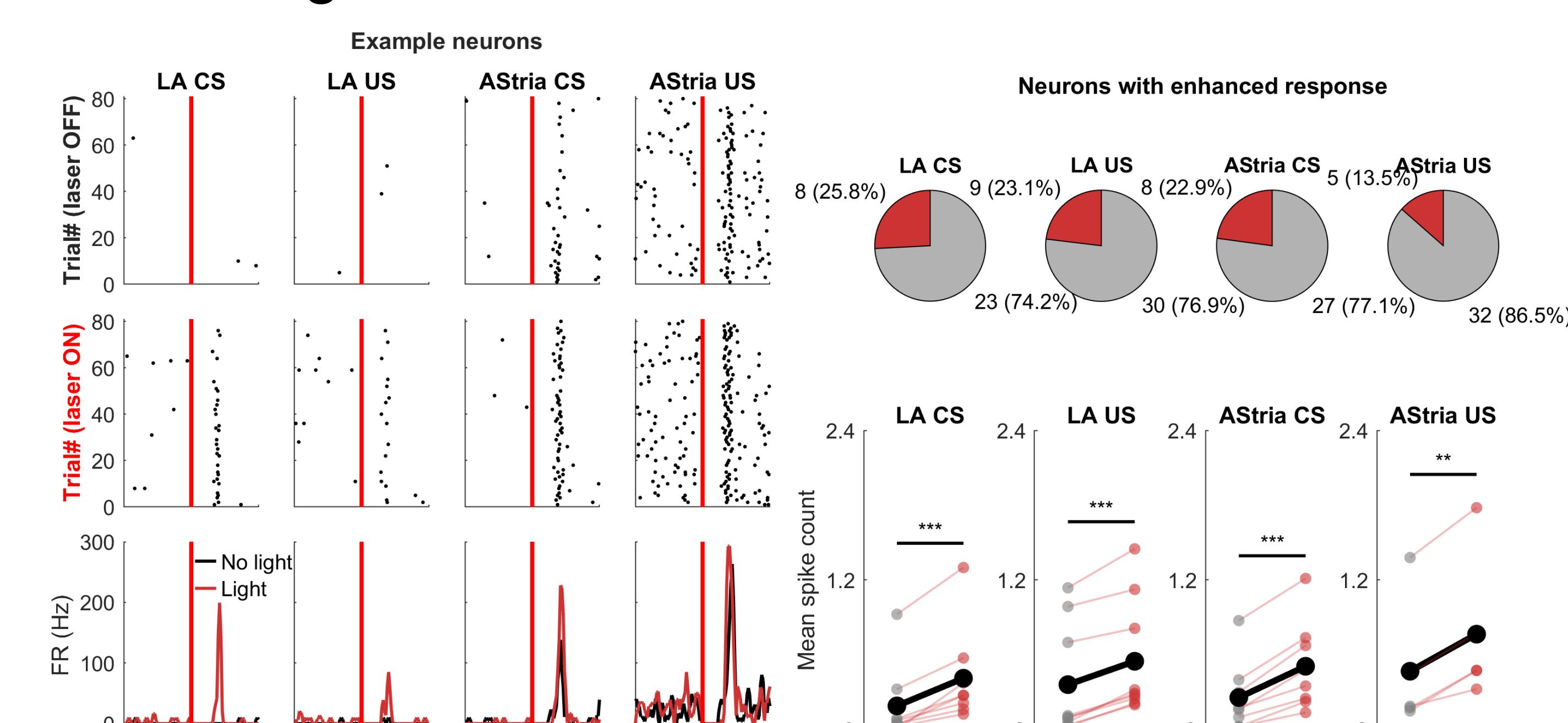
## LA and AStria show similar responses



## Conclusions



## PV INs gate information flow in both LA and AStria



## Acknowledgements

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