

# Autocorrelation of EEG data (volunteer 1)

Arthur Valencio

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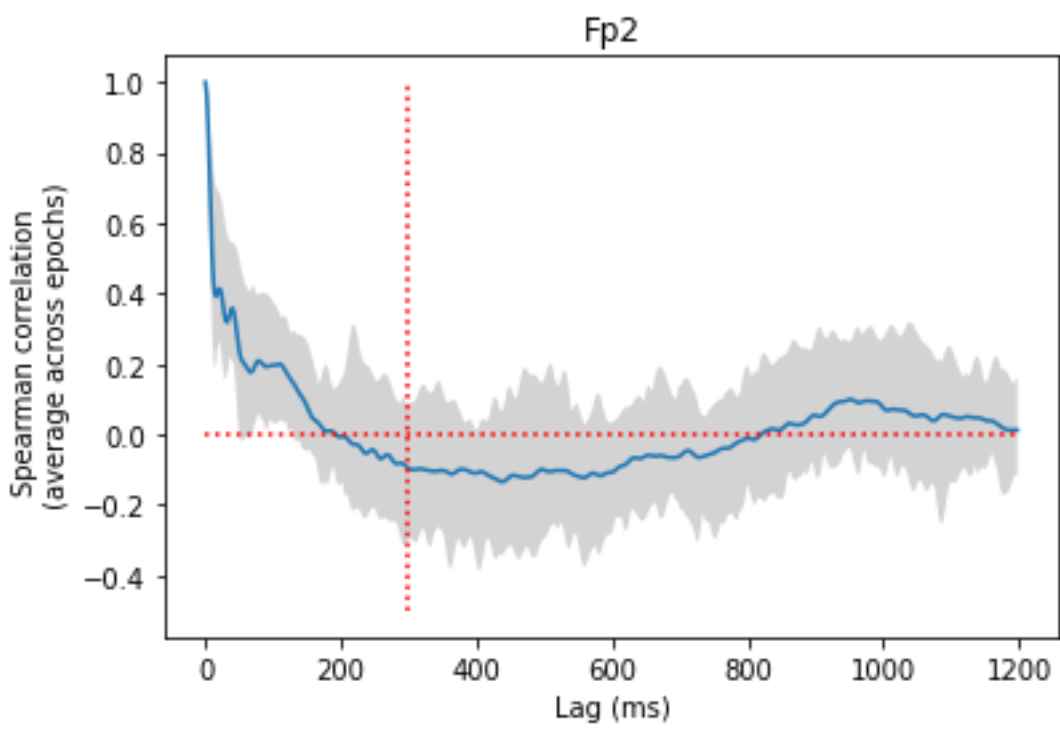
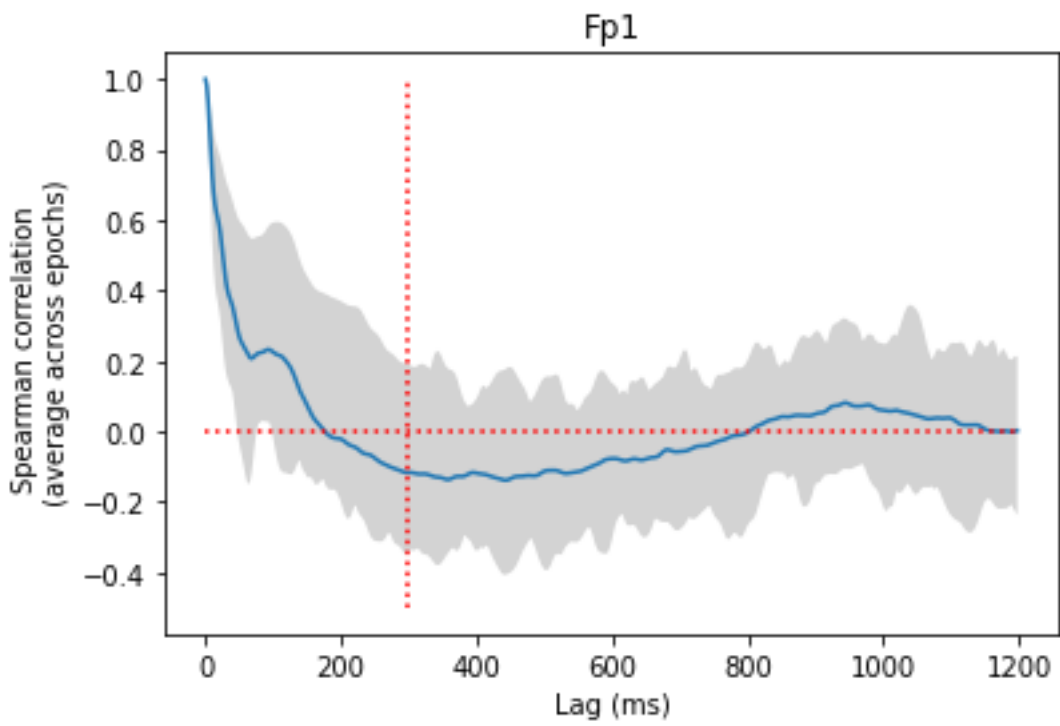
## Contents

DBS OFF: Quiet.....	2
DBS ON: quiet .....	10
DBS OFF: Motion.....	18
DBS ON: Motion.....	26

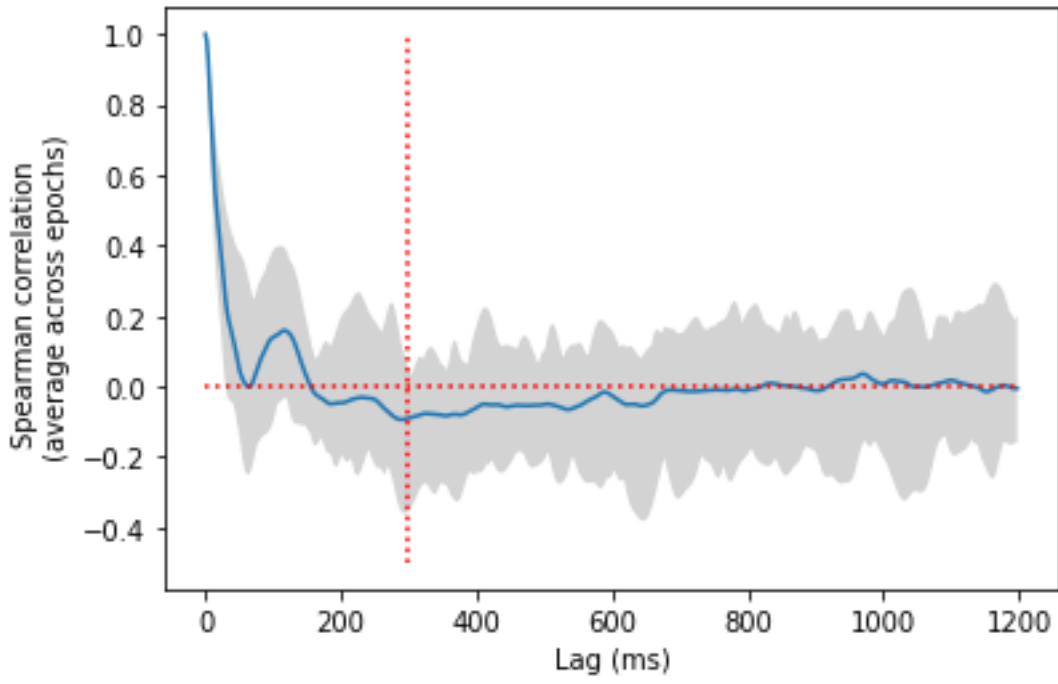
Reference for the plot lines:

- **Blue line:** average spearman autocorrelation across all epochs
- **Grey area:** interval of maximum and minimum calculated spearman autocorrelation across epochs
- **Red horizontal line:** zero correlation reference
- **Red vertical line:** reference line at lag=300ms, previously selected as the value of parameter  $\tau$  of symbolic encoding in transfer entropy computation.

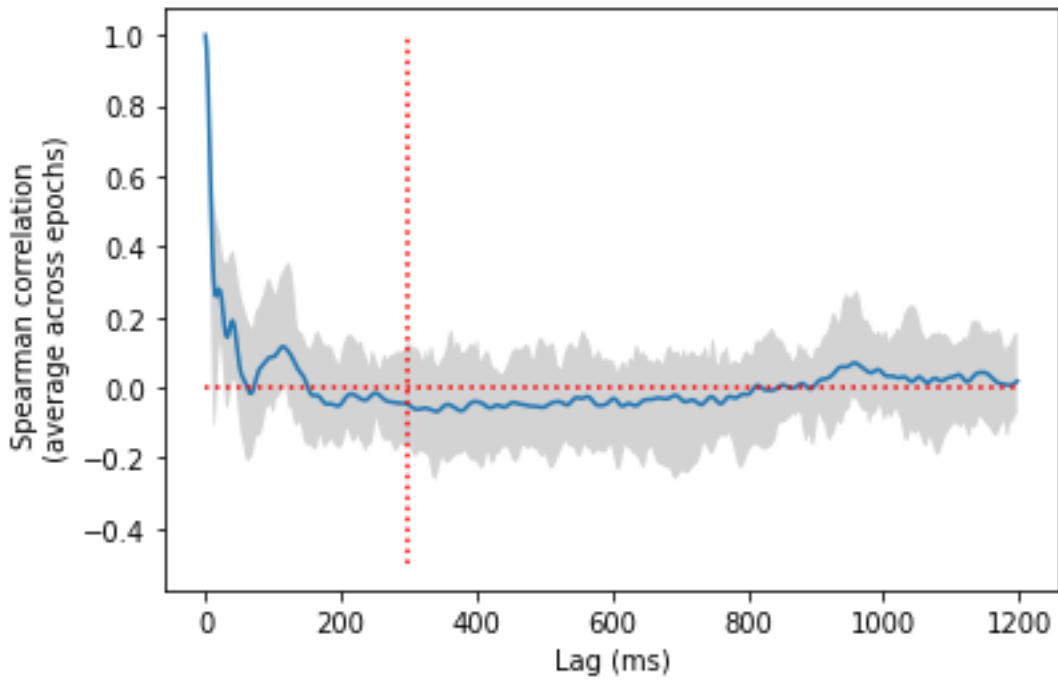
DBS OFF: Quiet



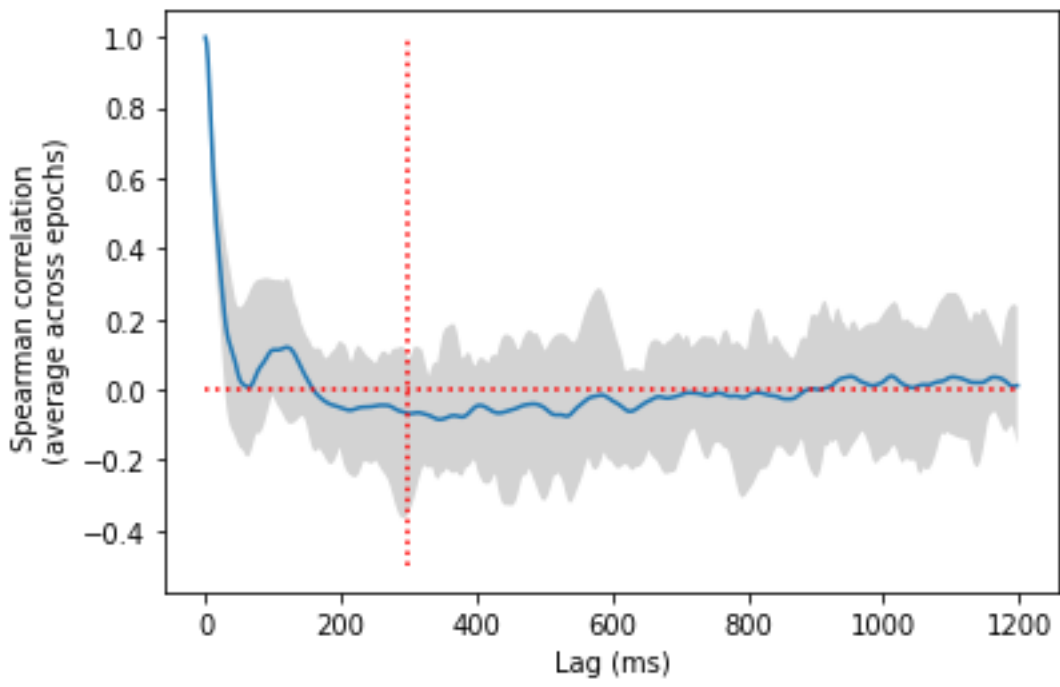
F3



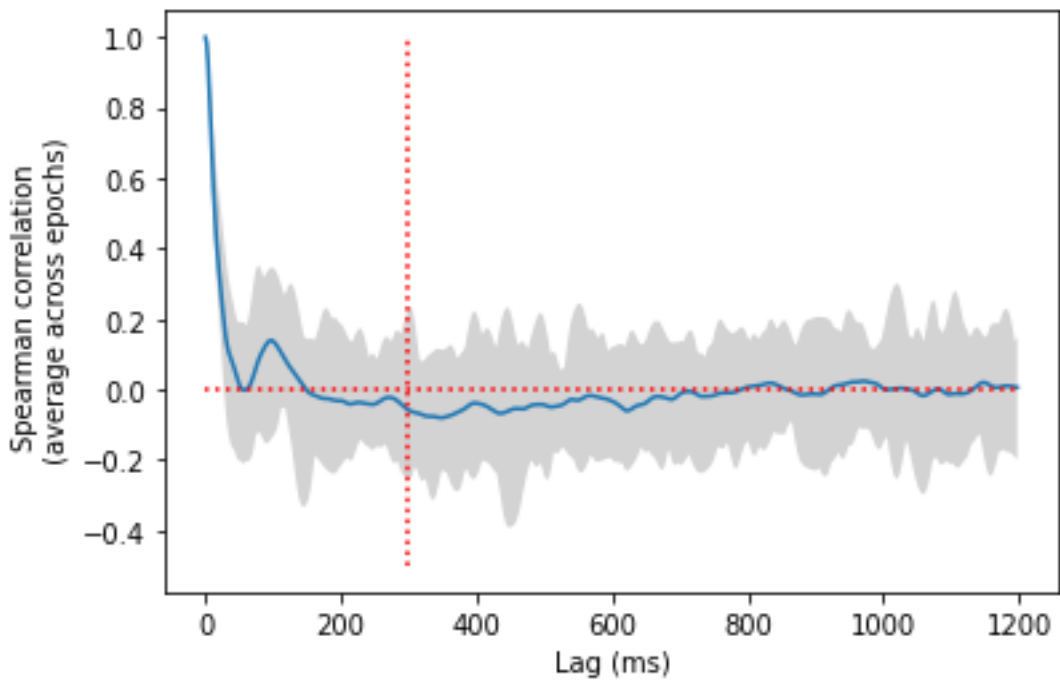
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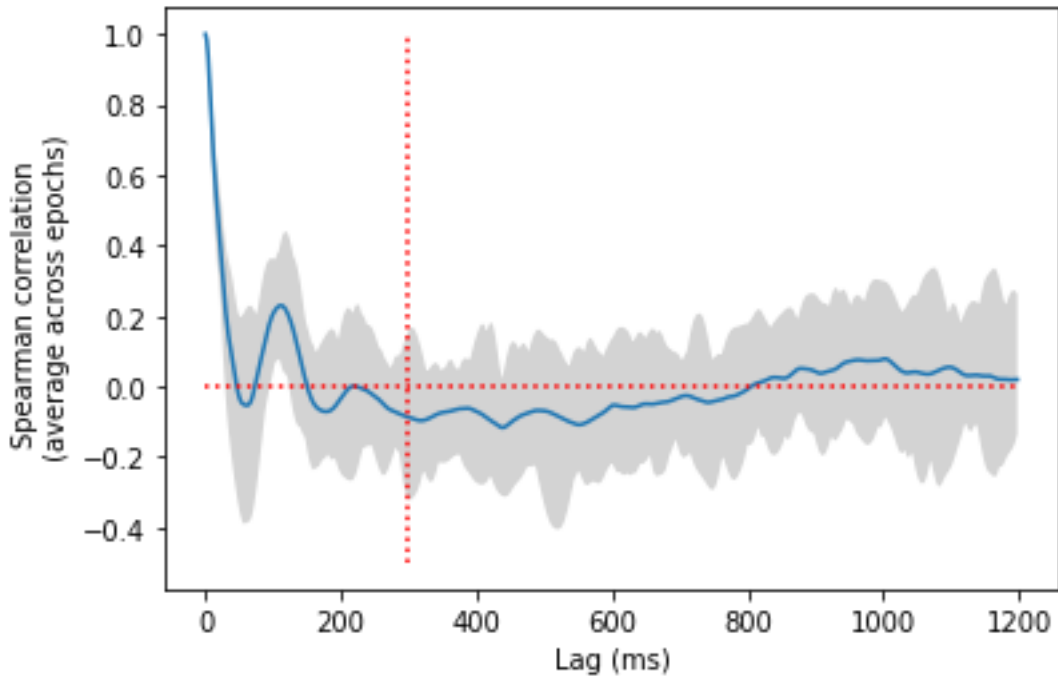
C3



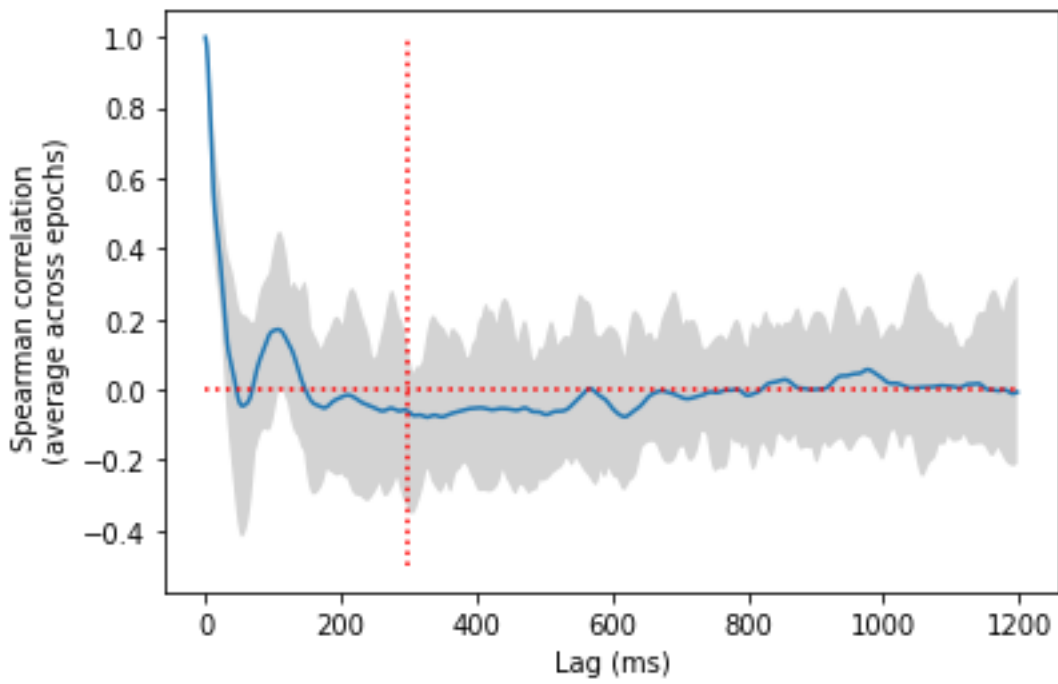
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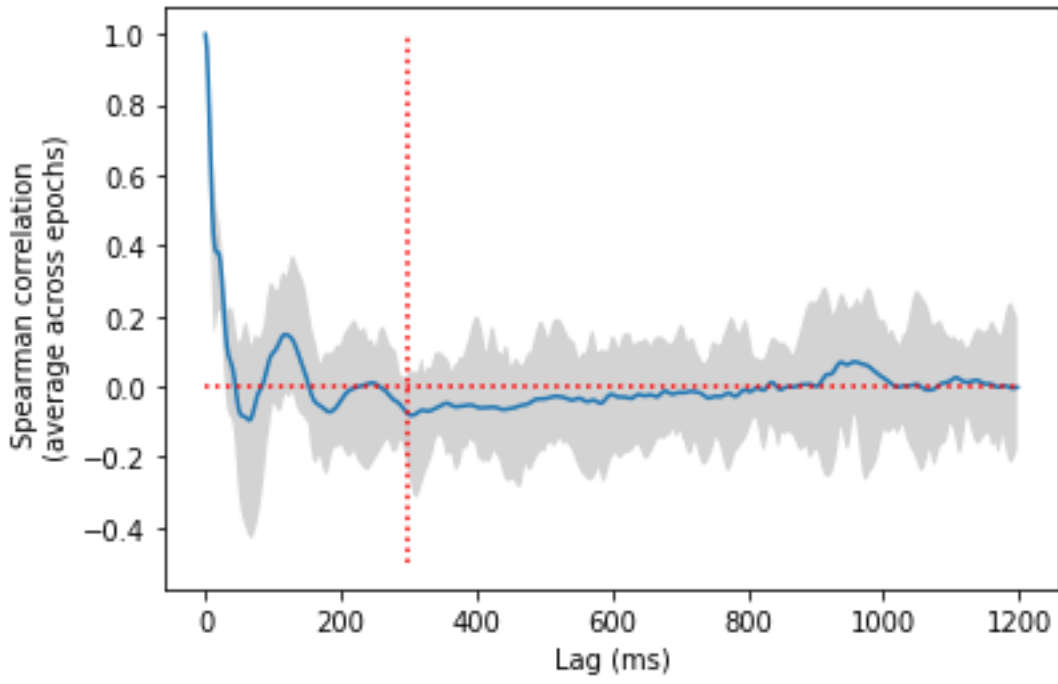
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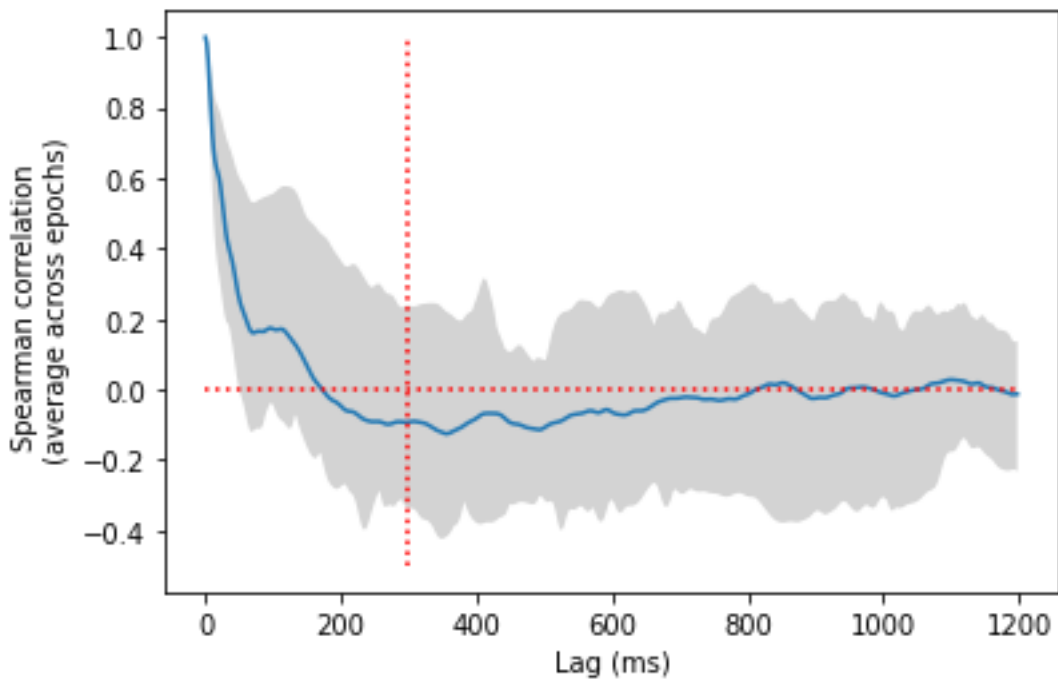
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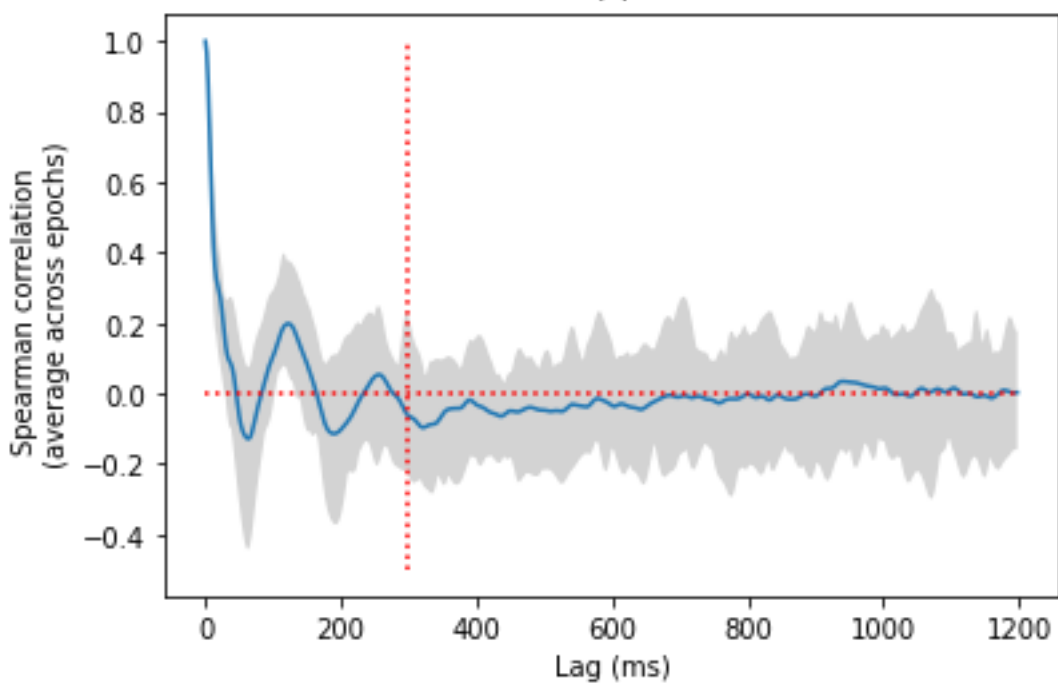
O1



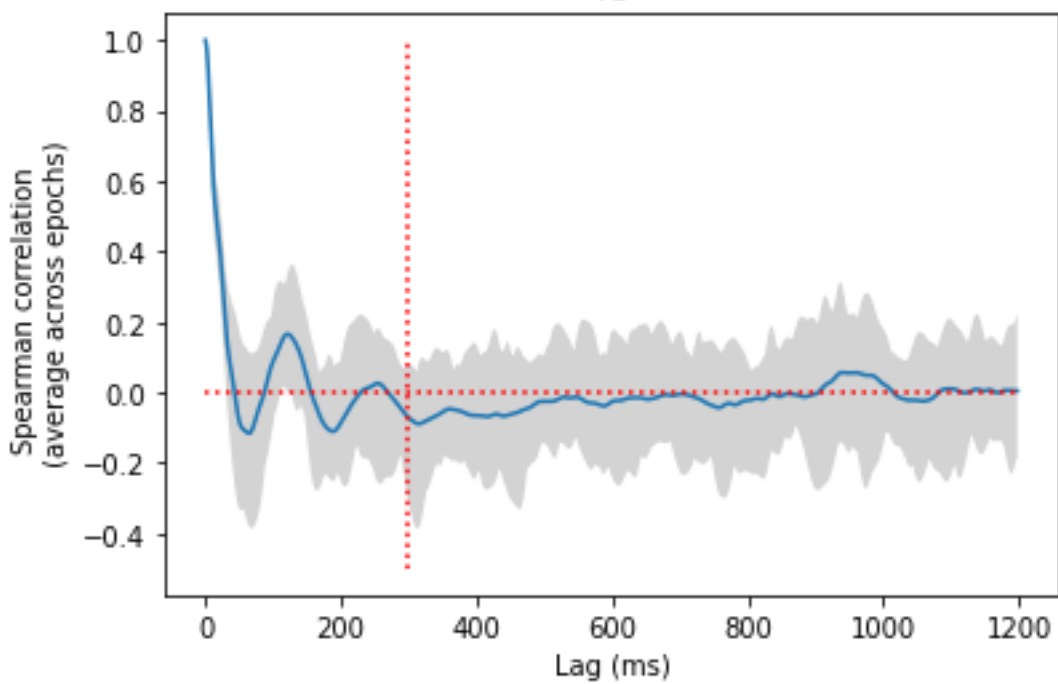
F7



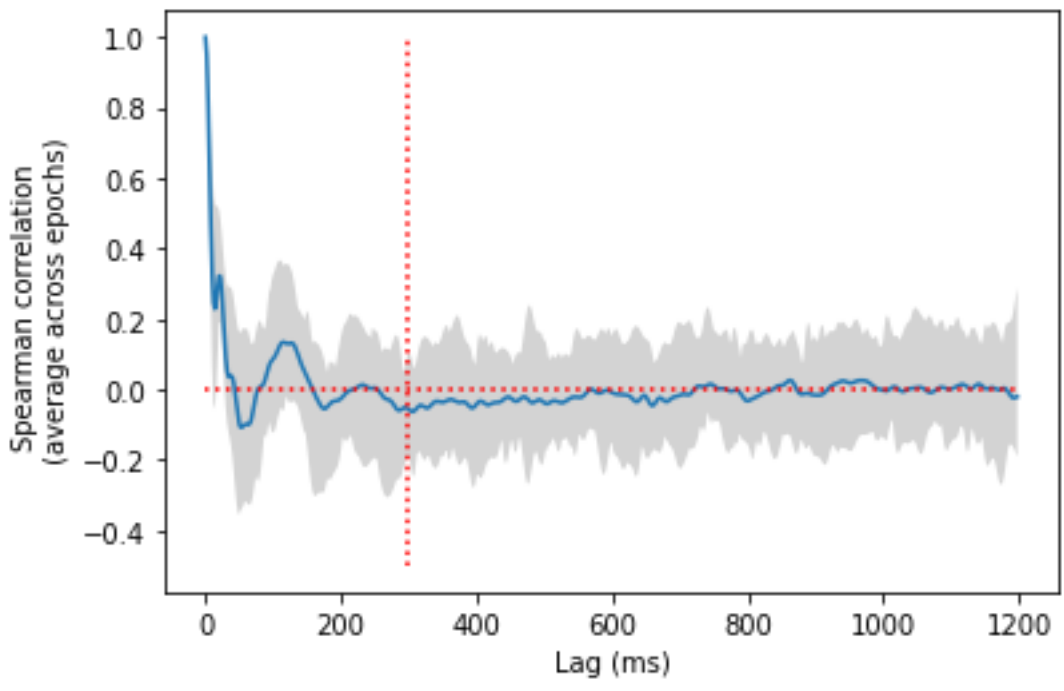
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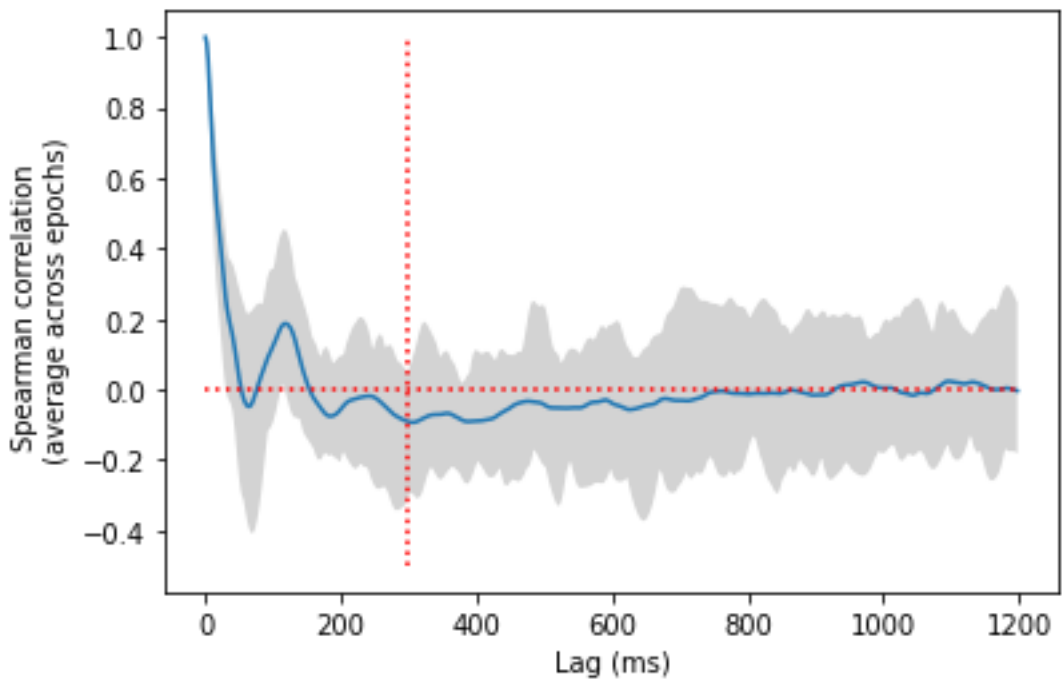
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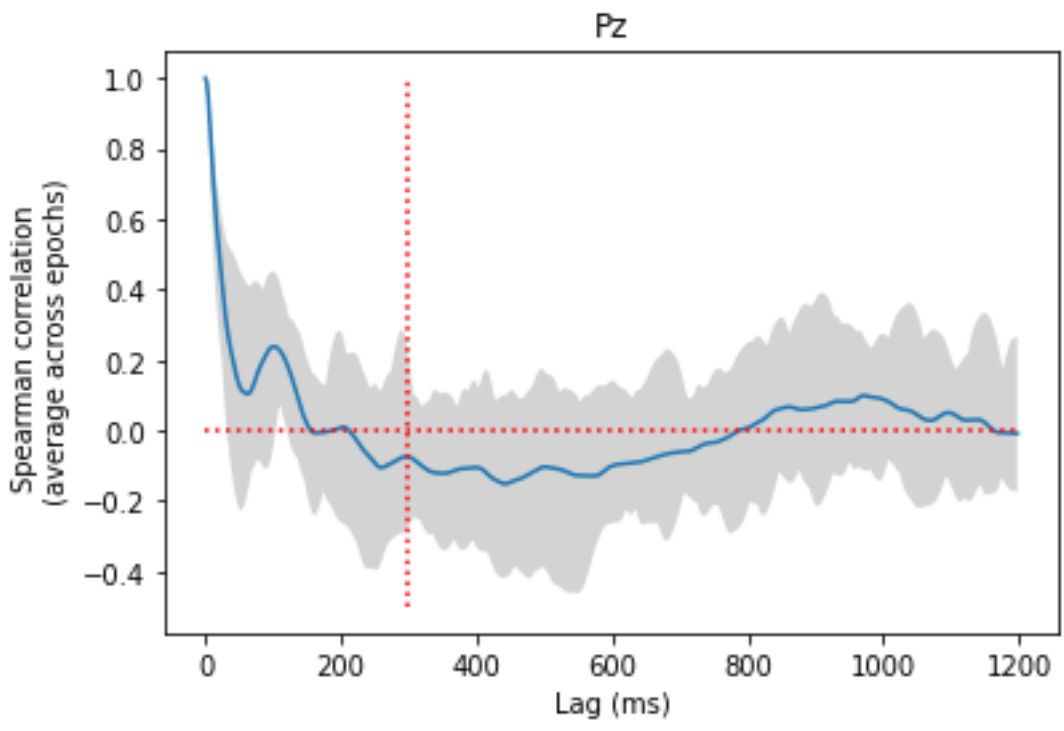
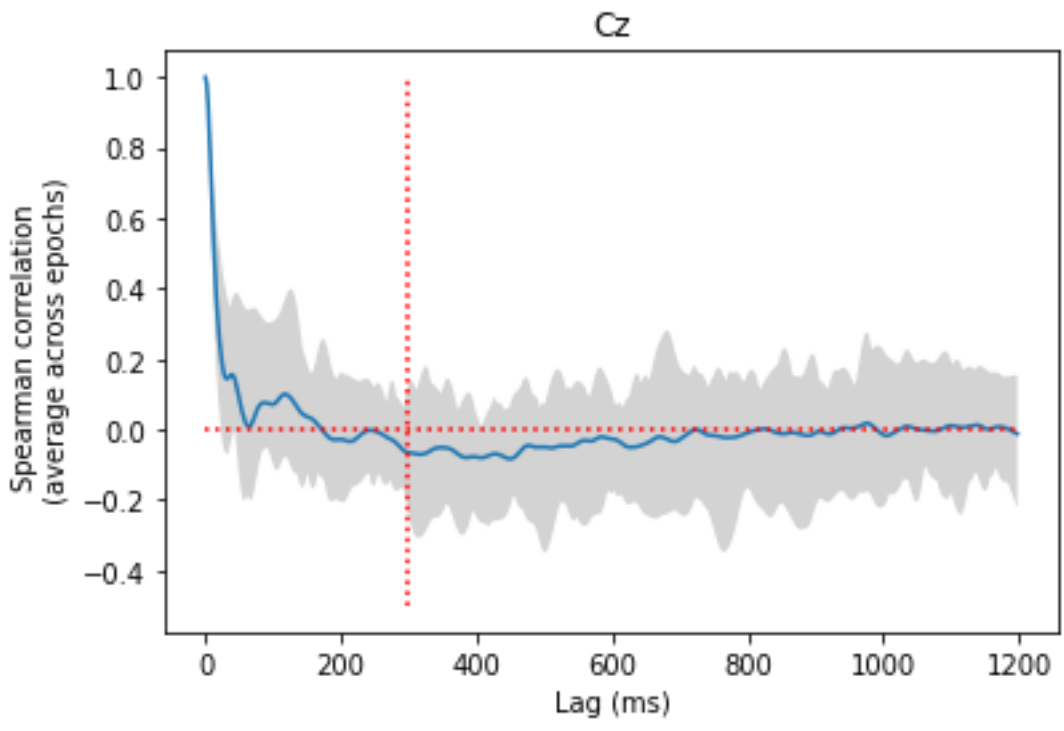
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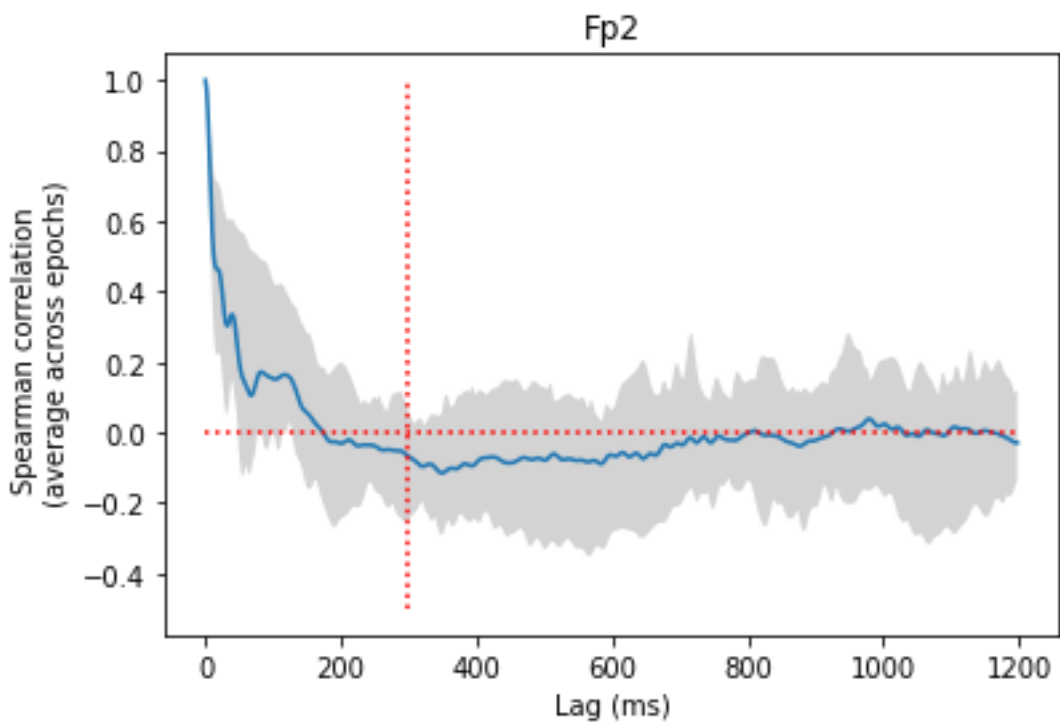
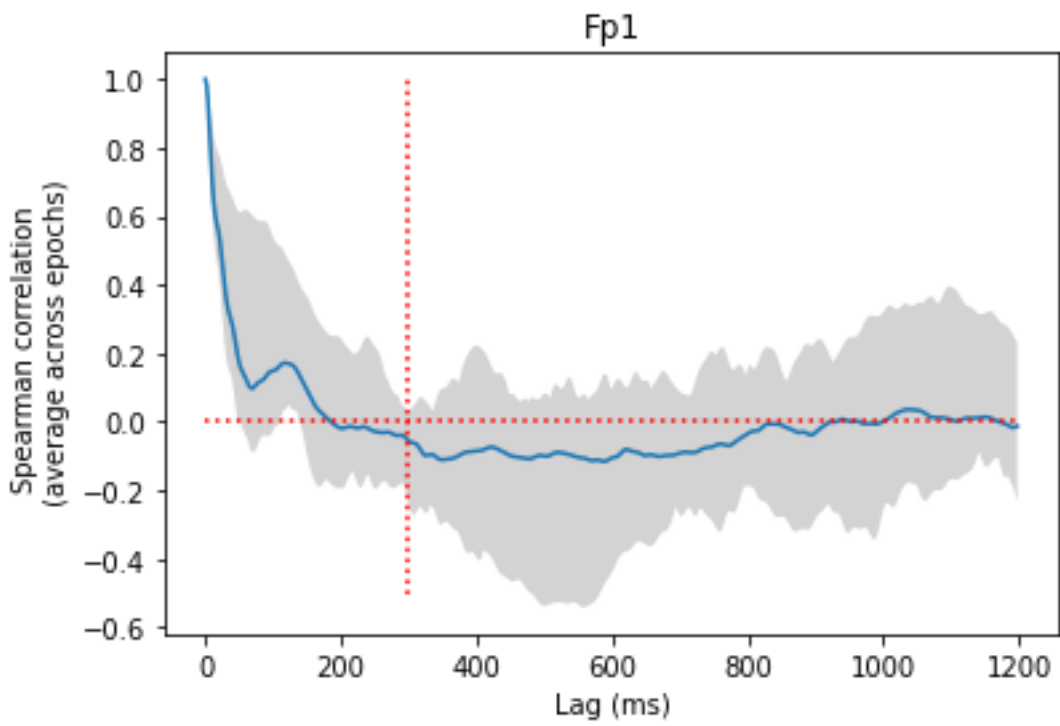
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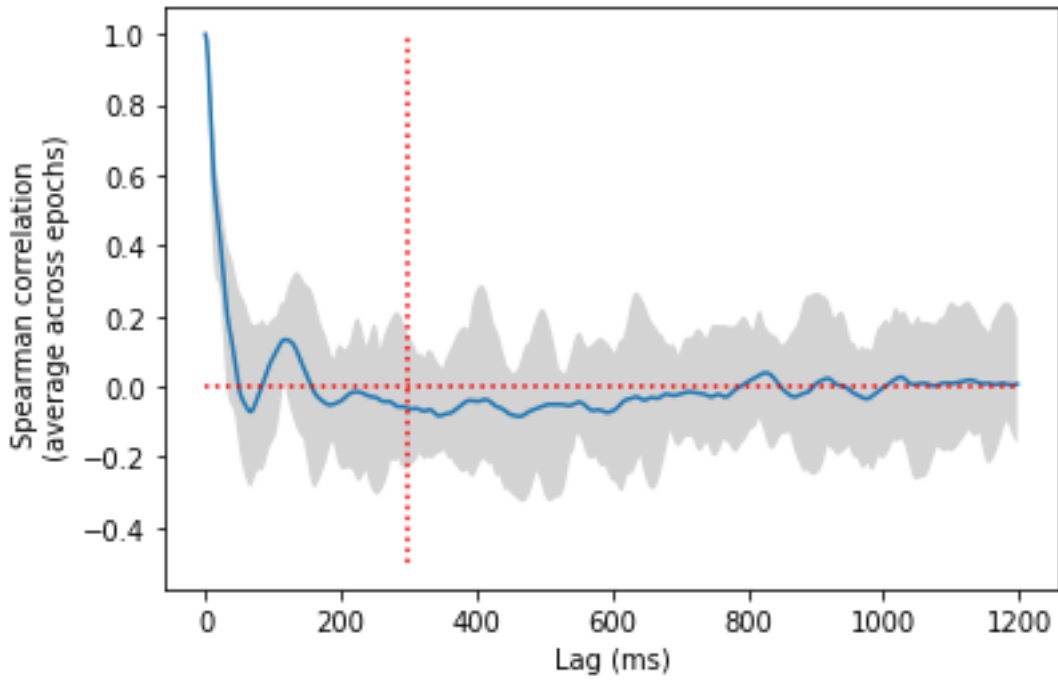




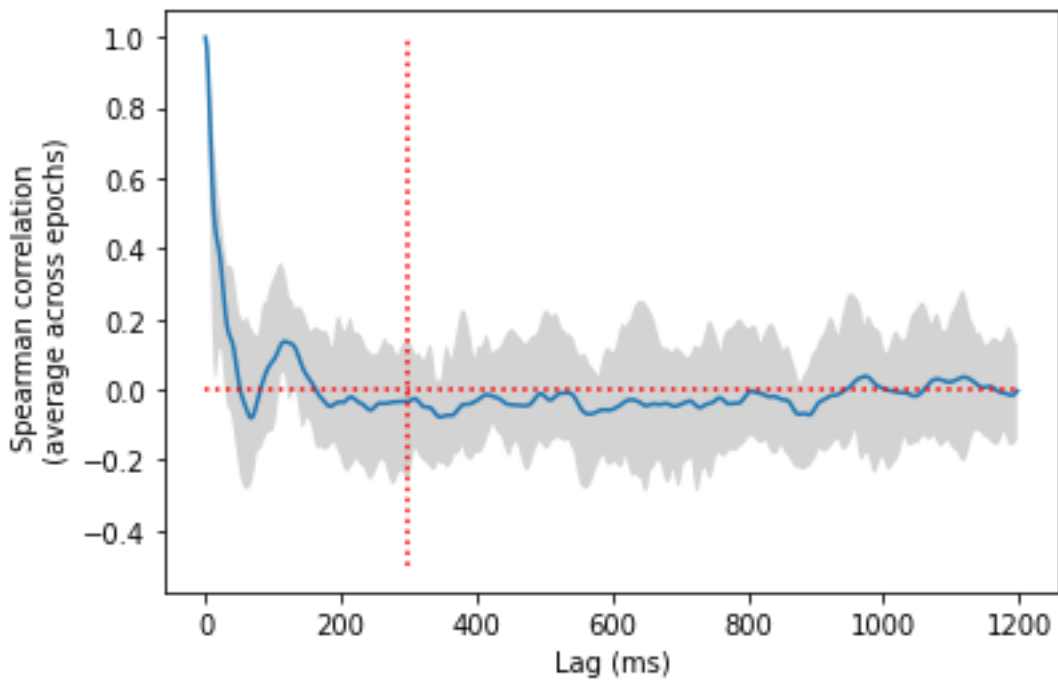
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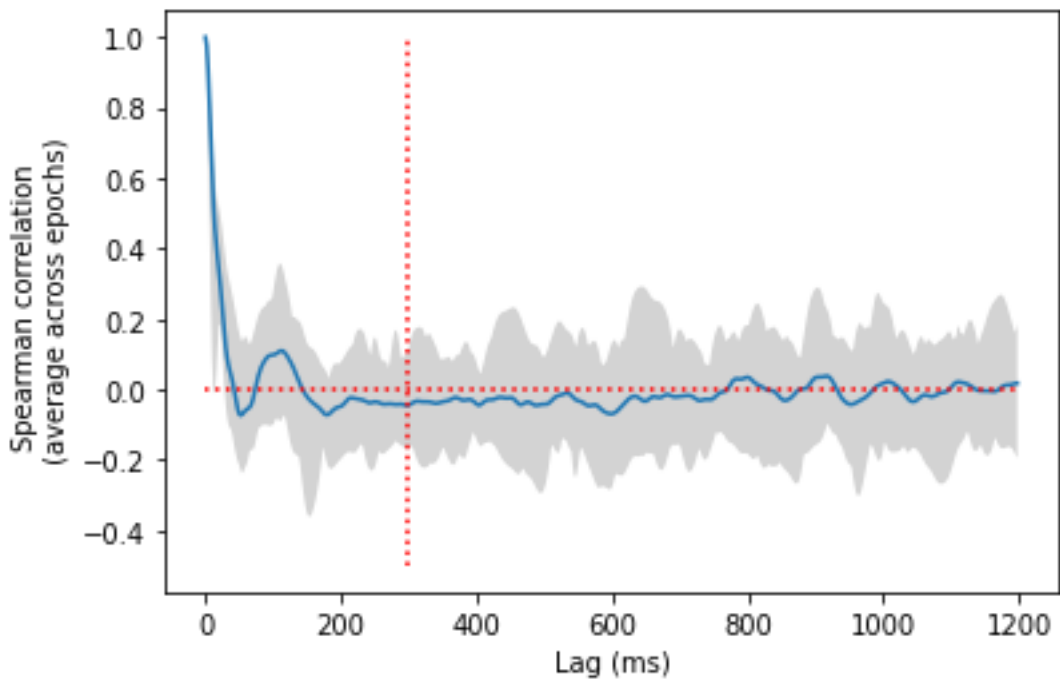
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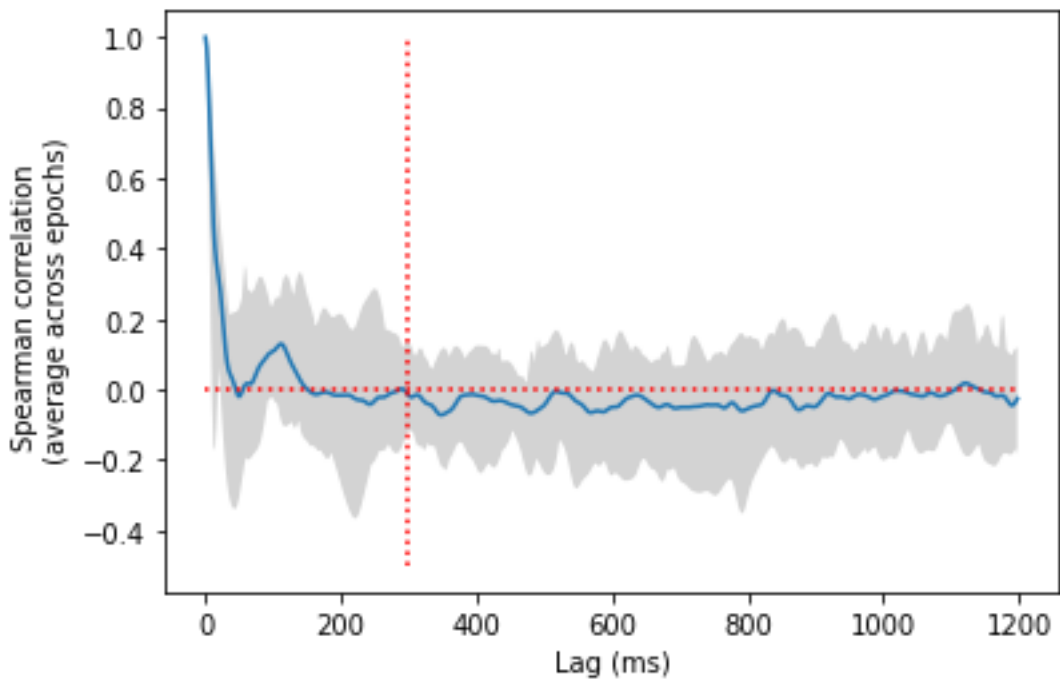
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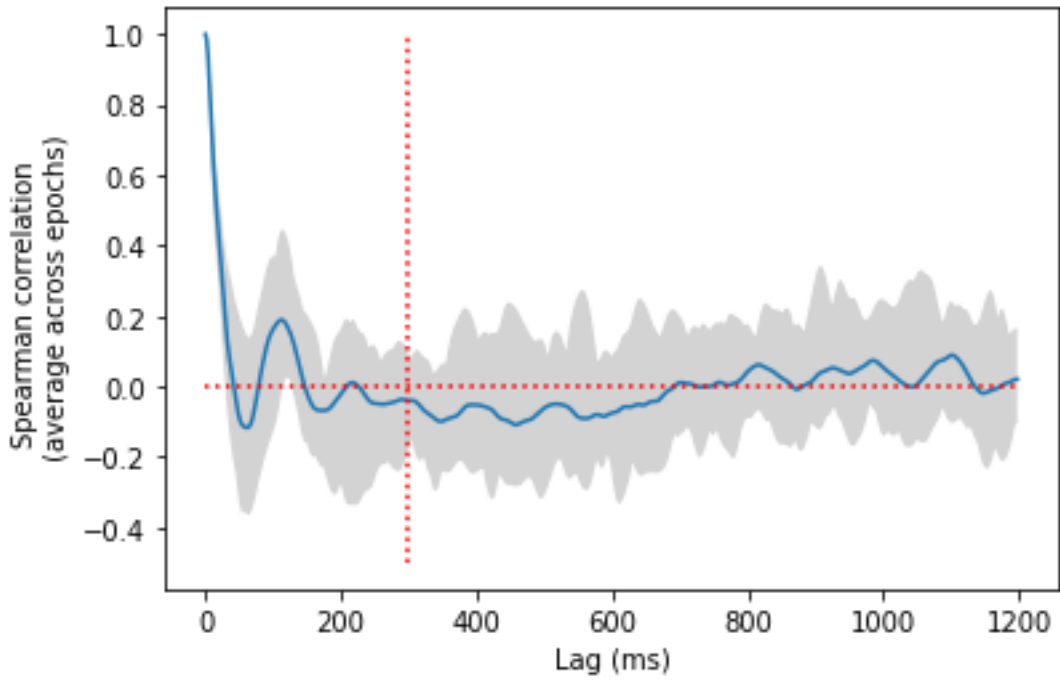
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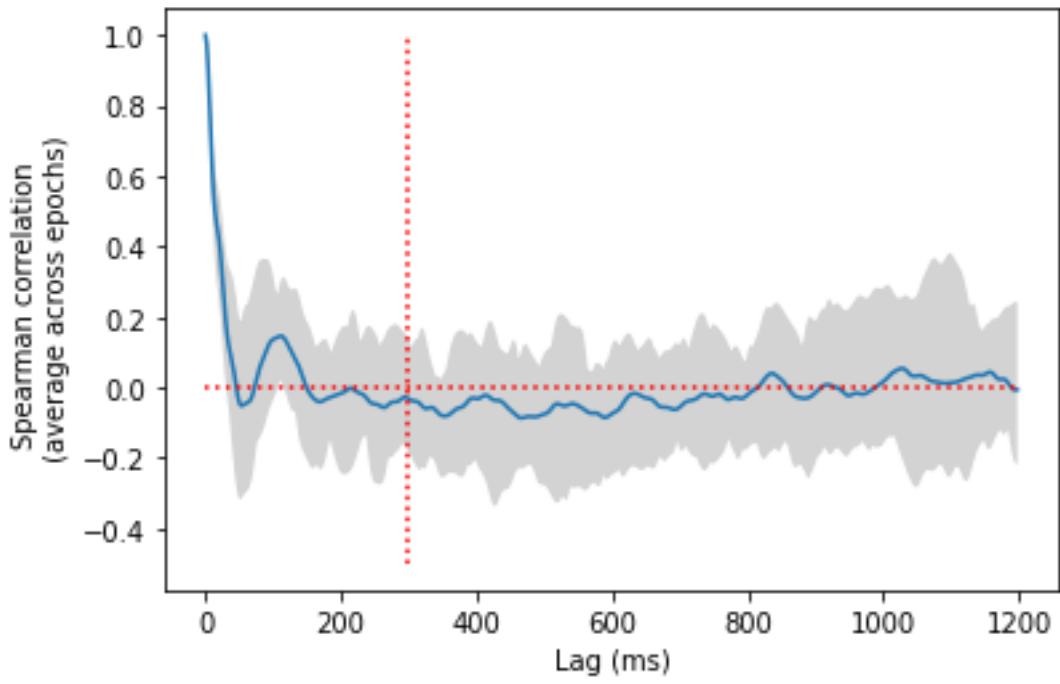
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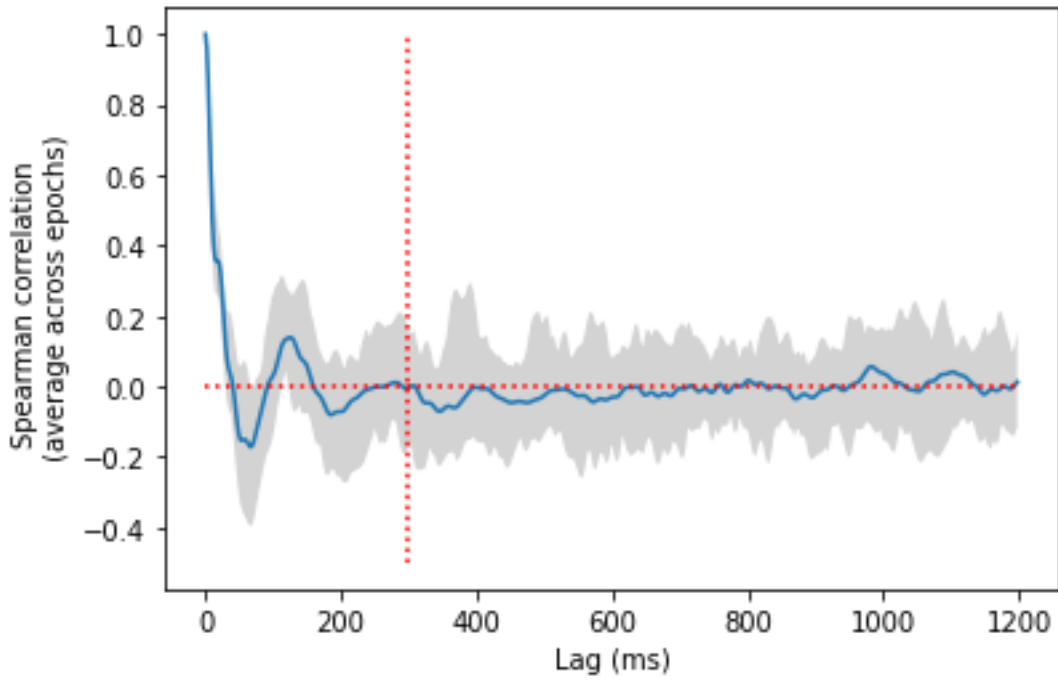
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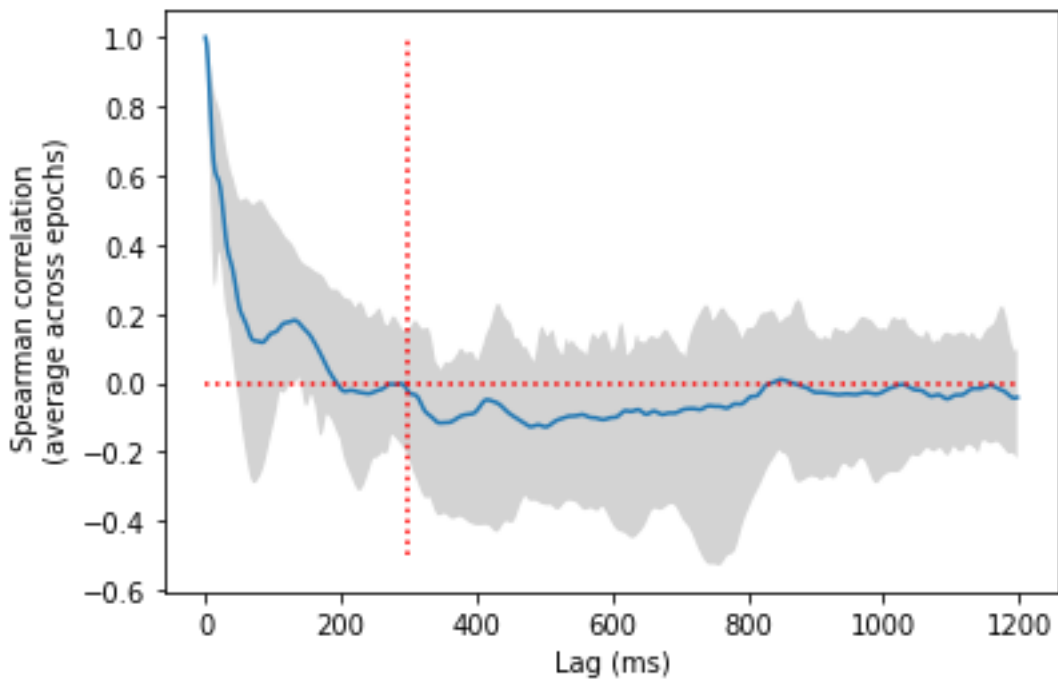
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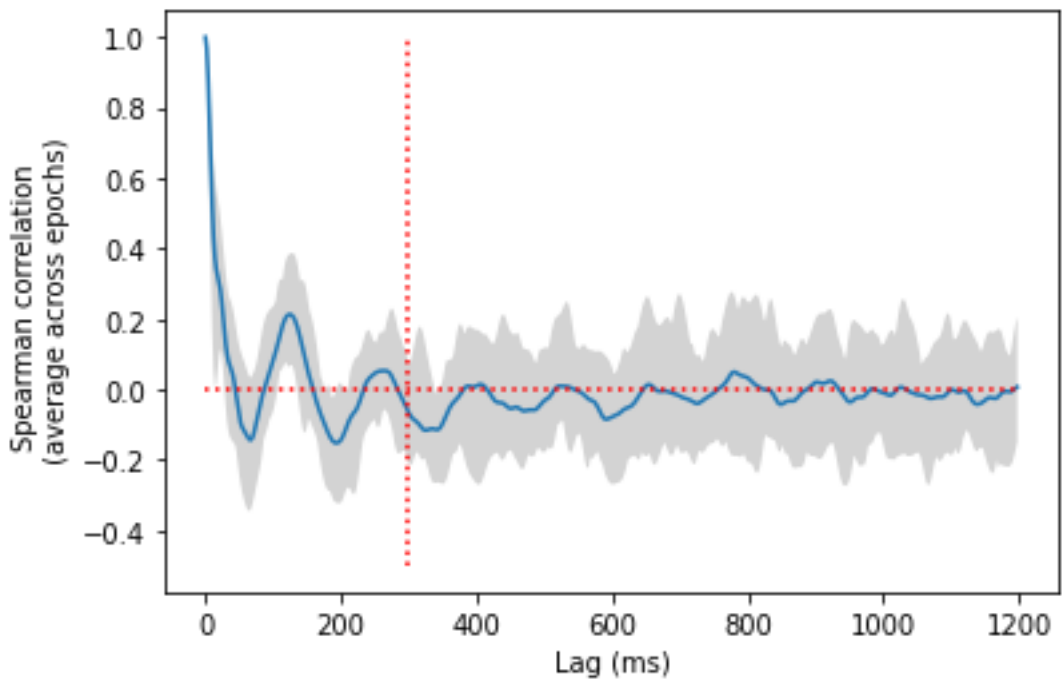
O1



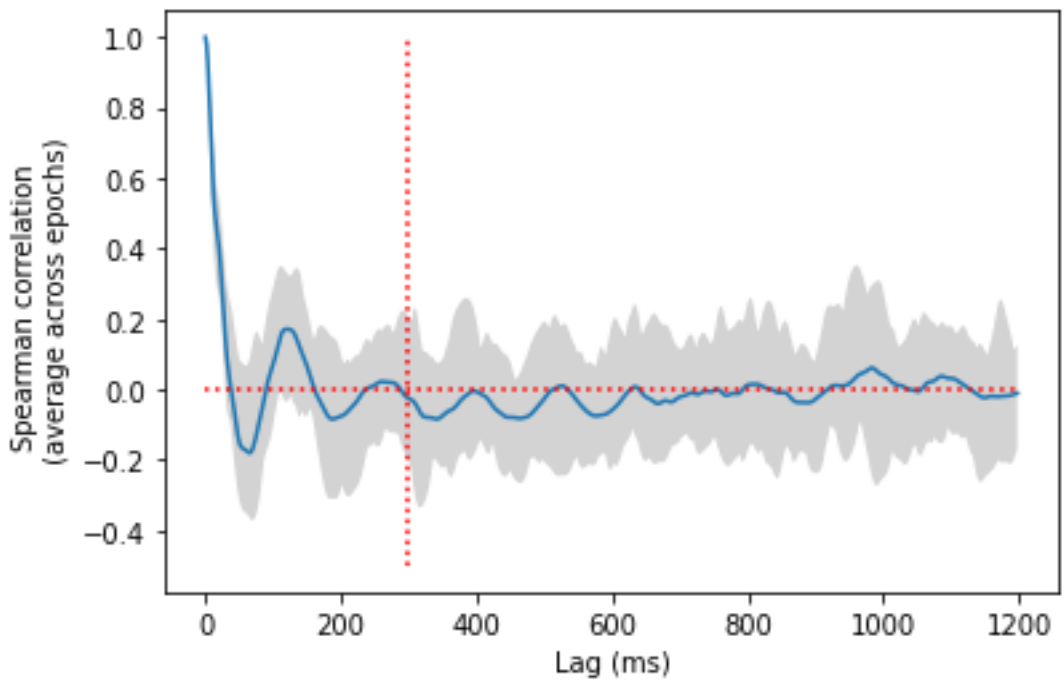
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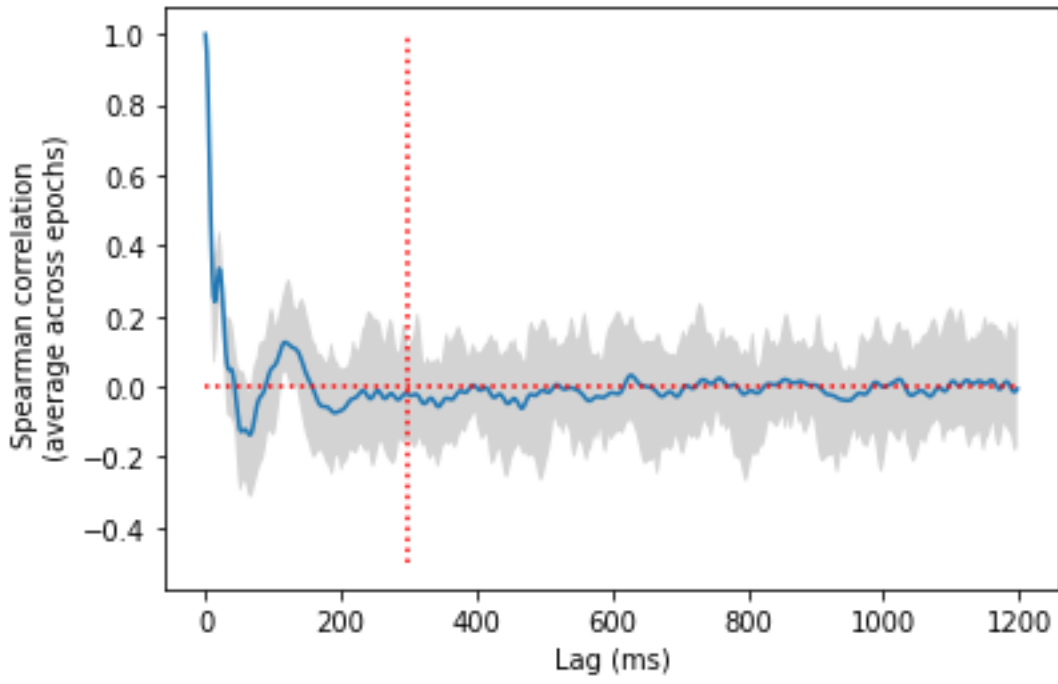
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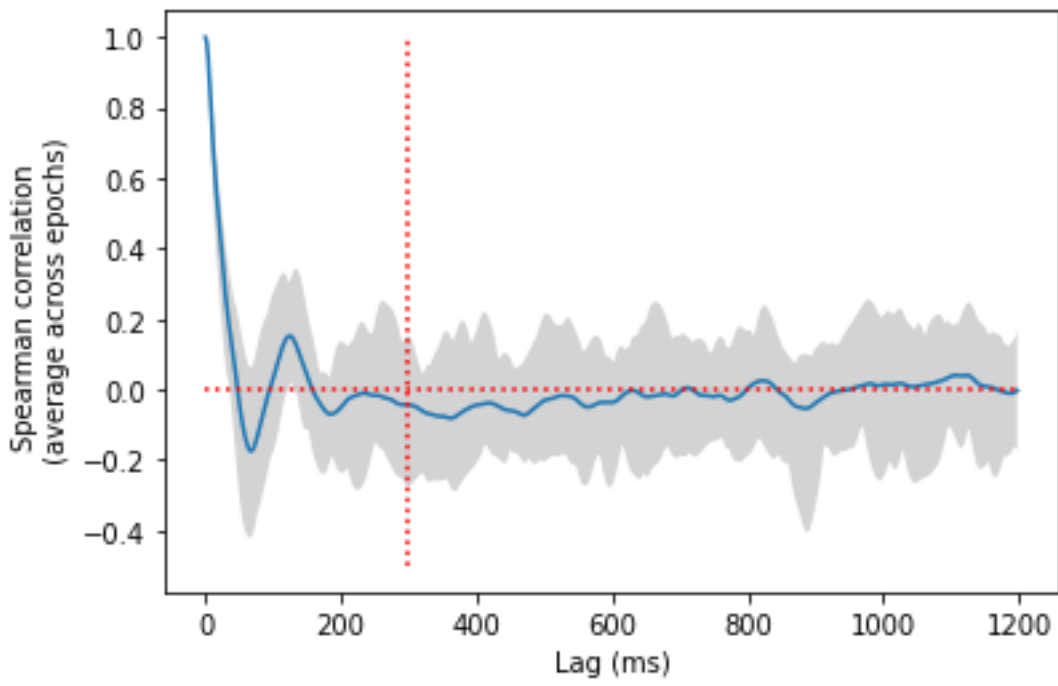
T5



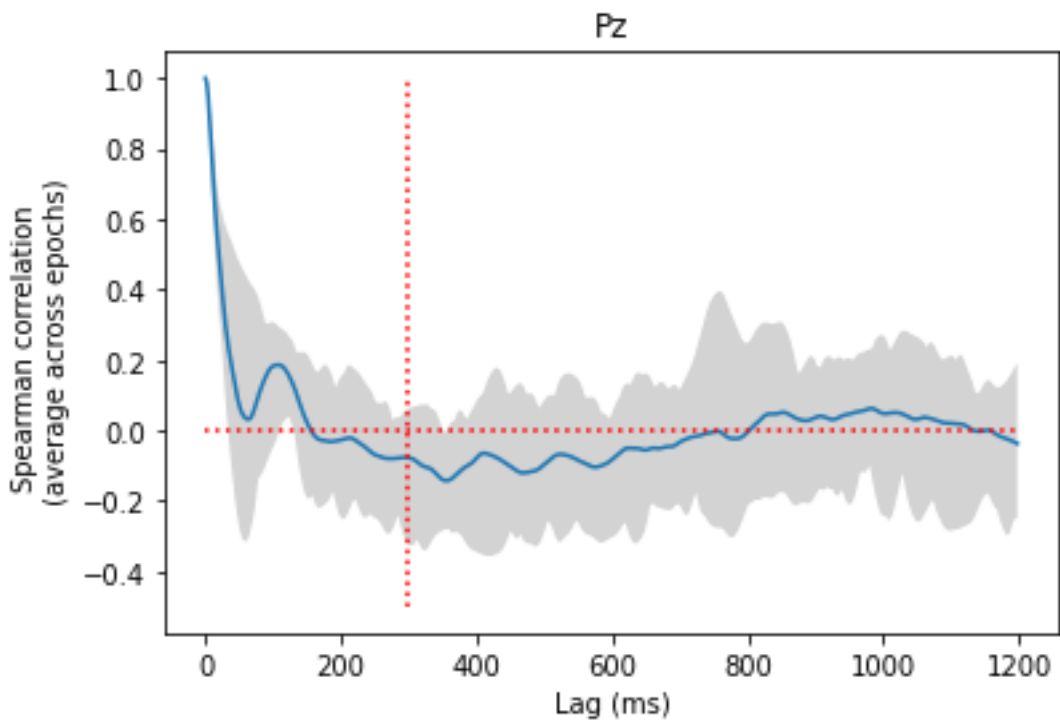
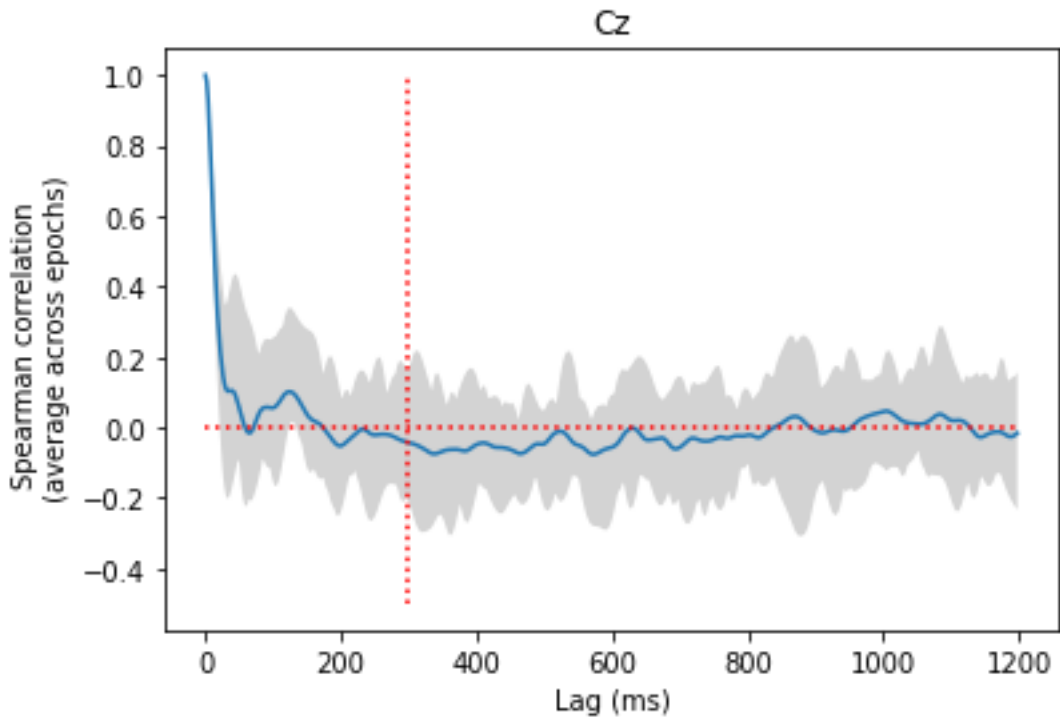
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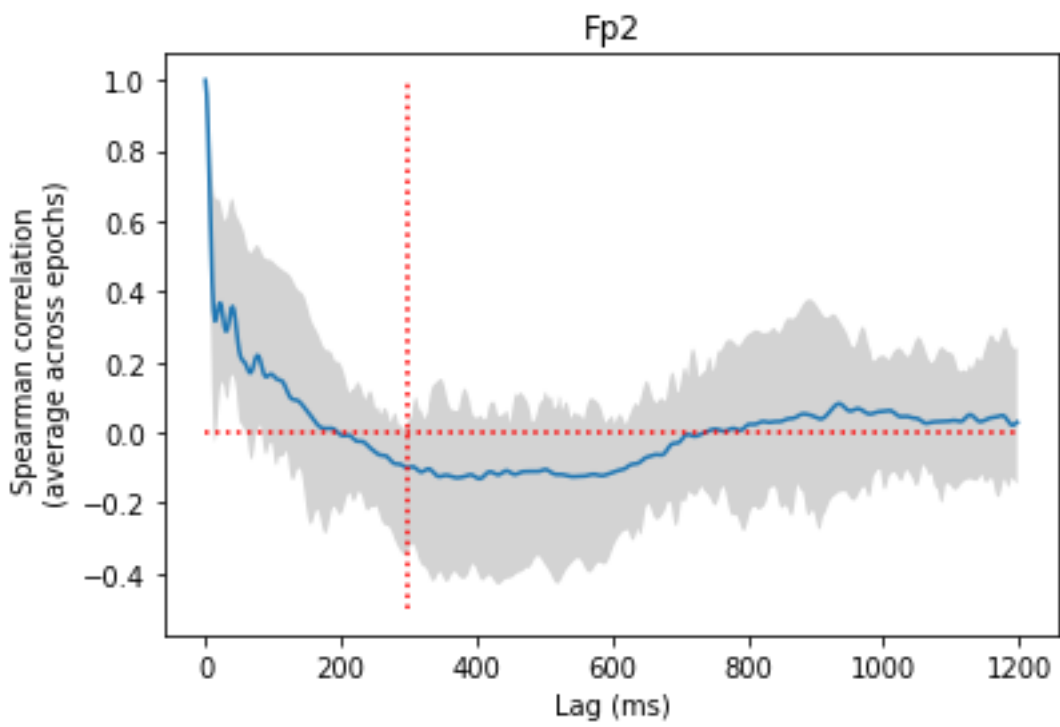
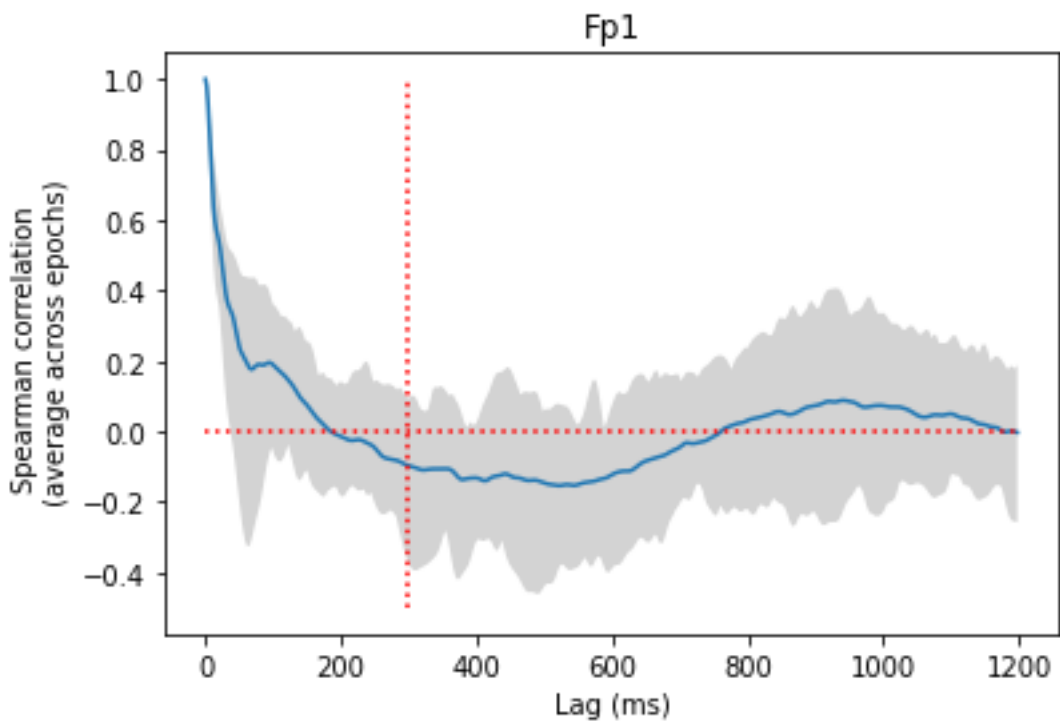
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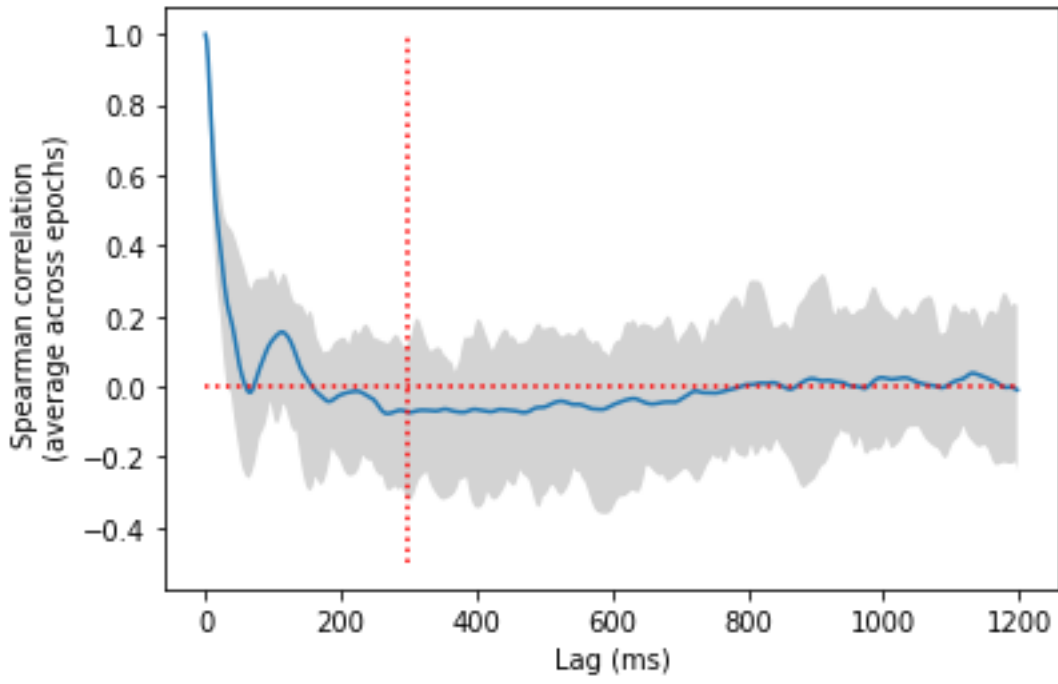




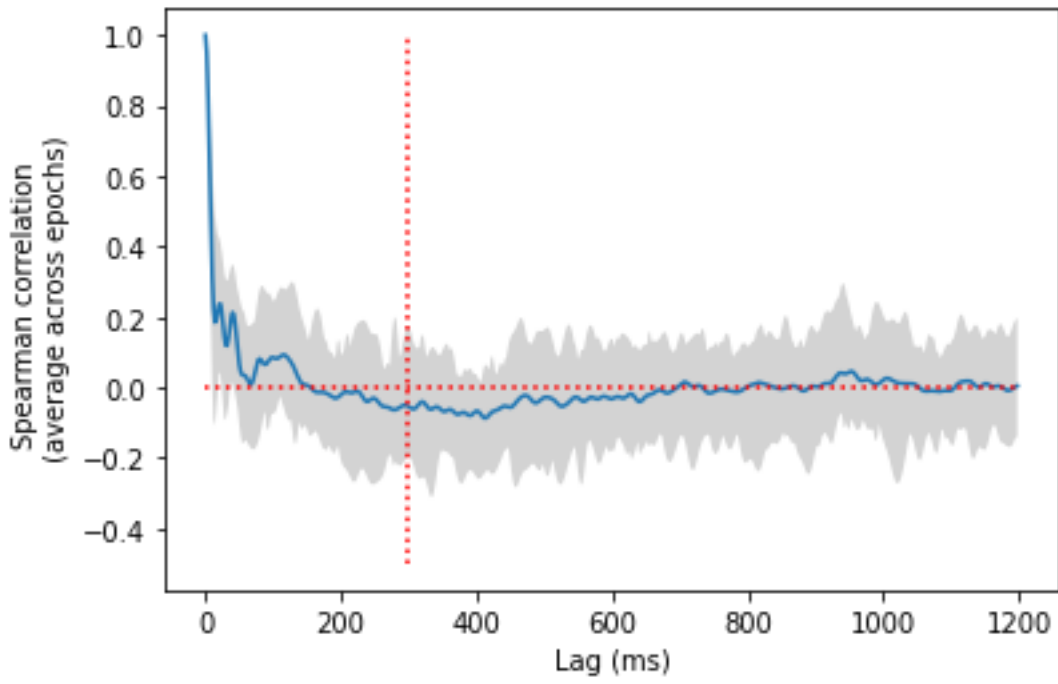
DBS OFF: Motion



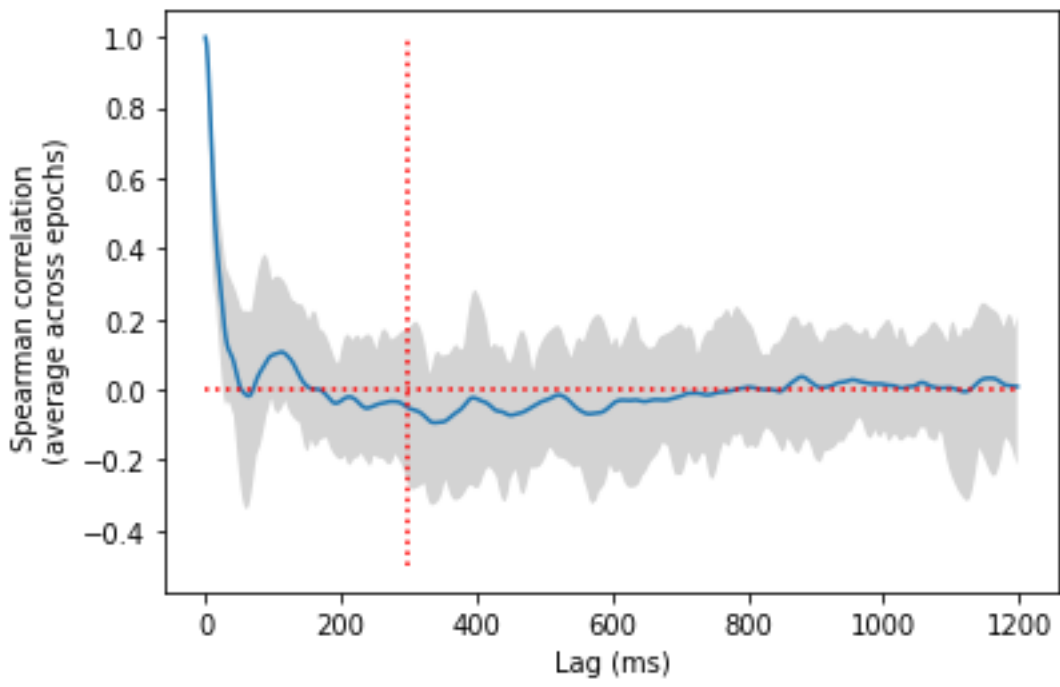
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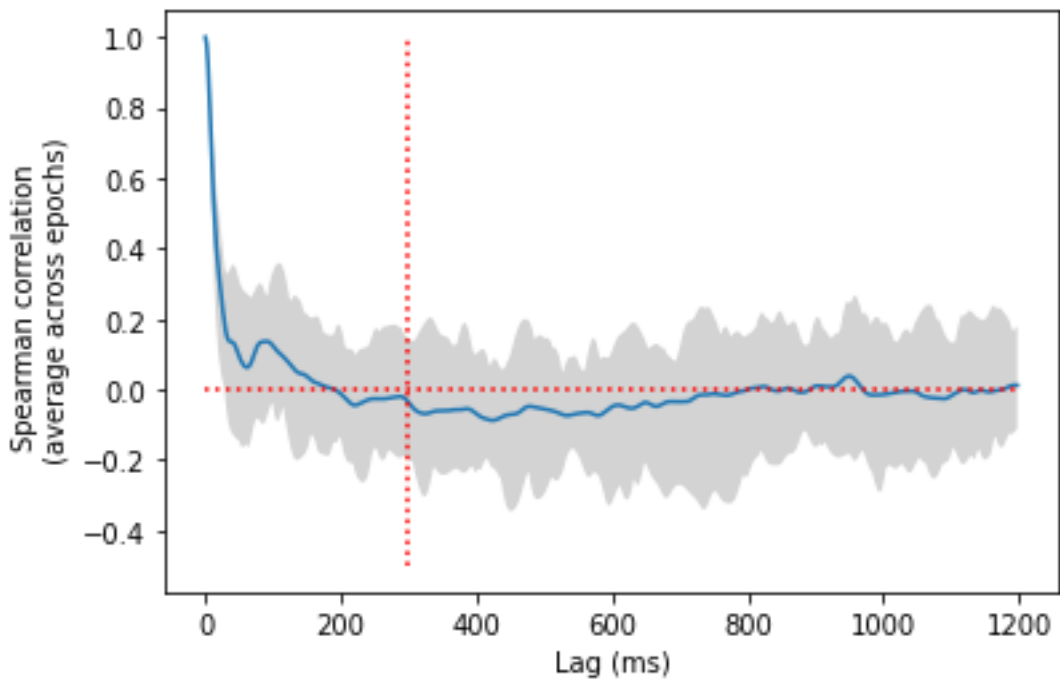
F4



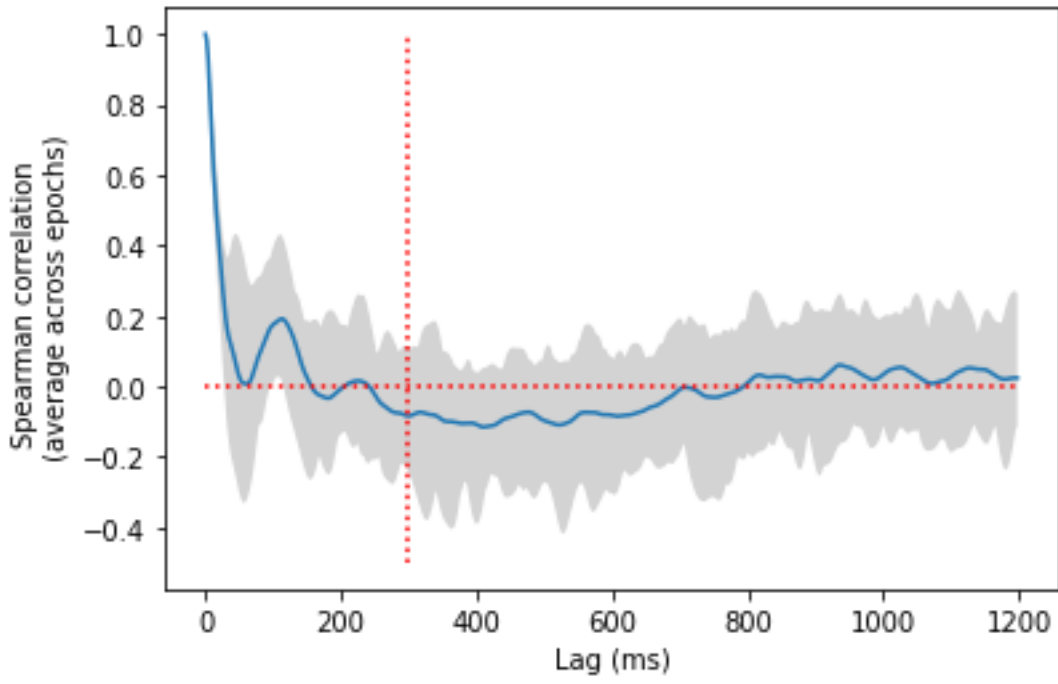
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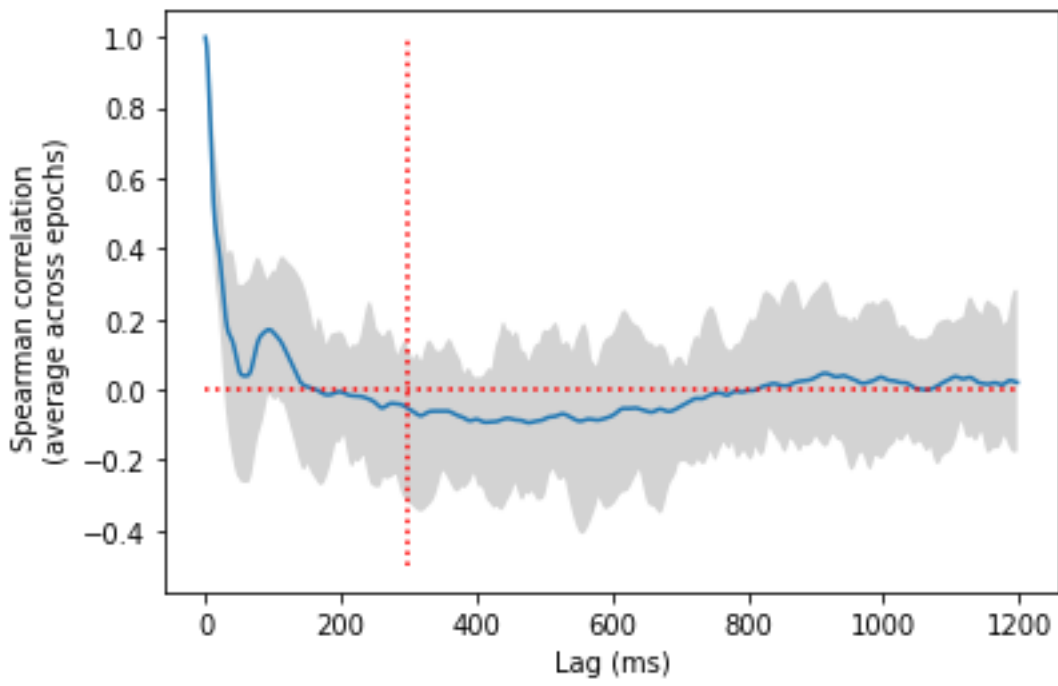
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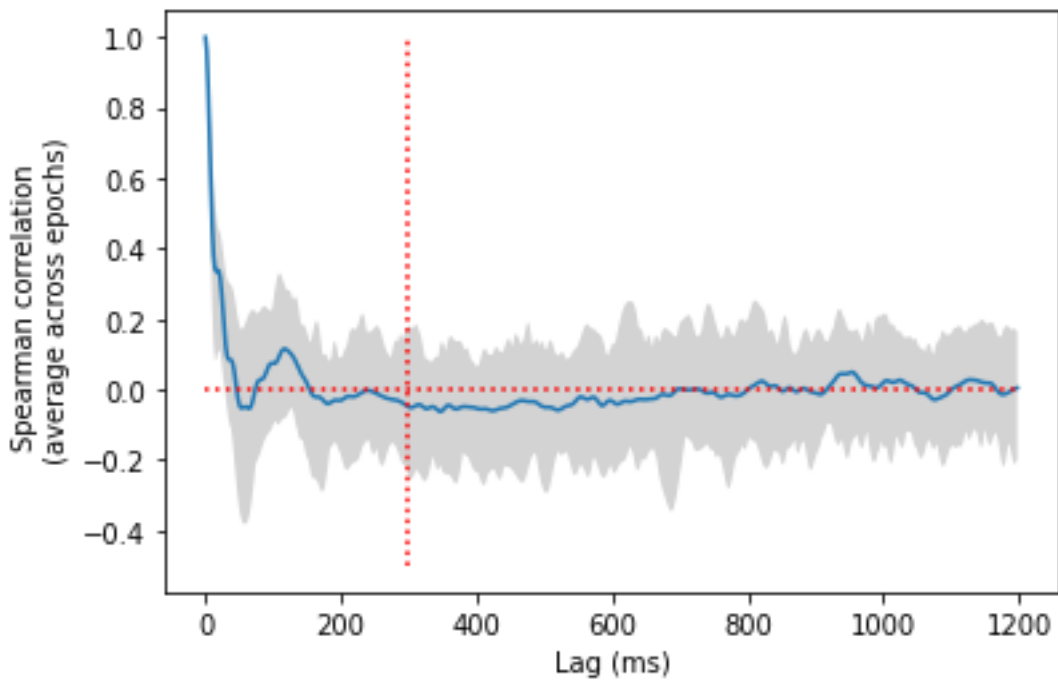
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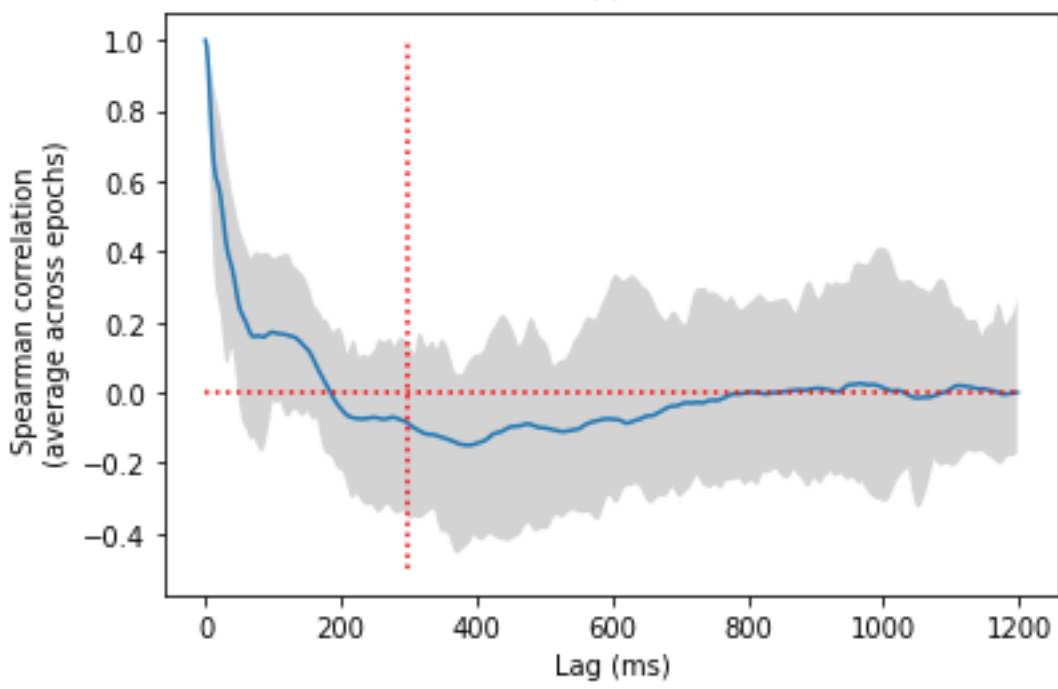
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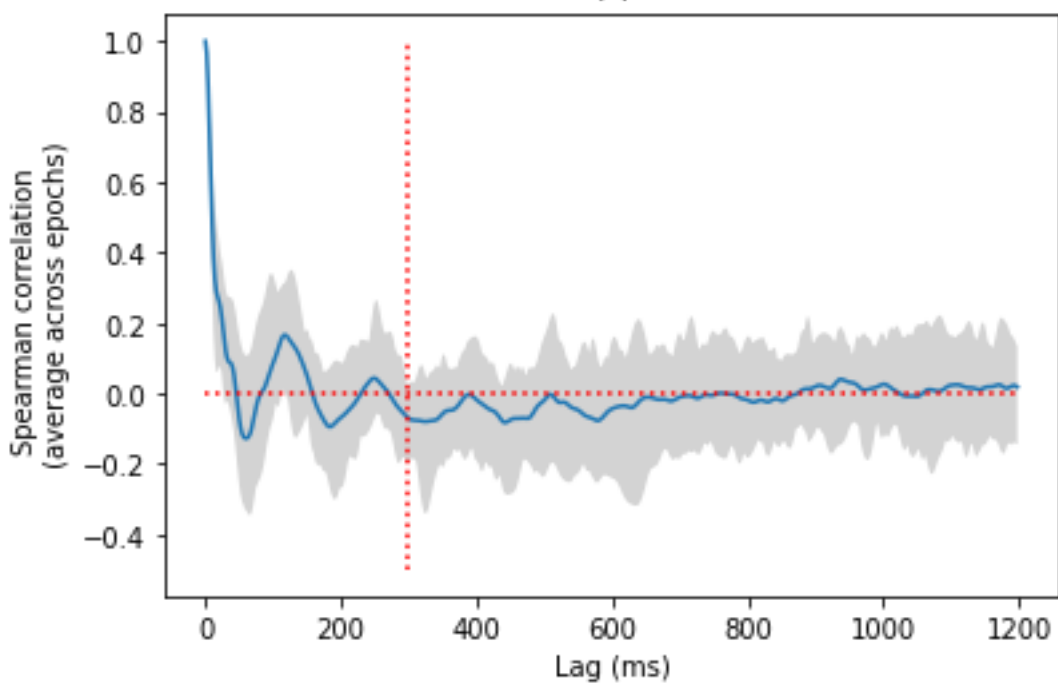
O1



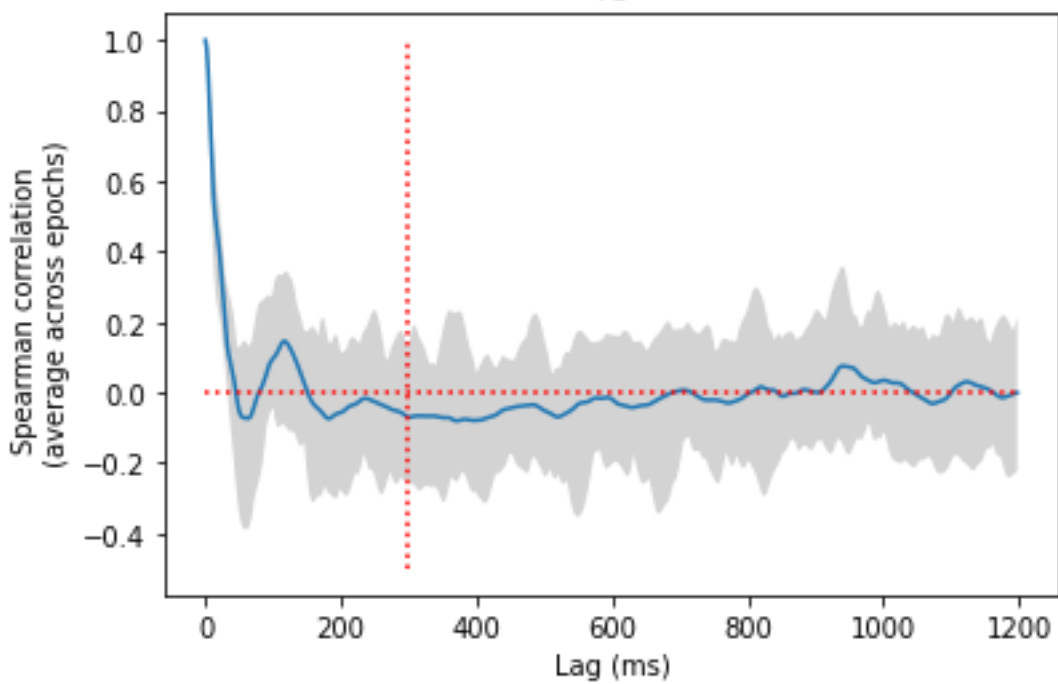
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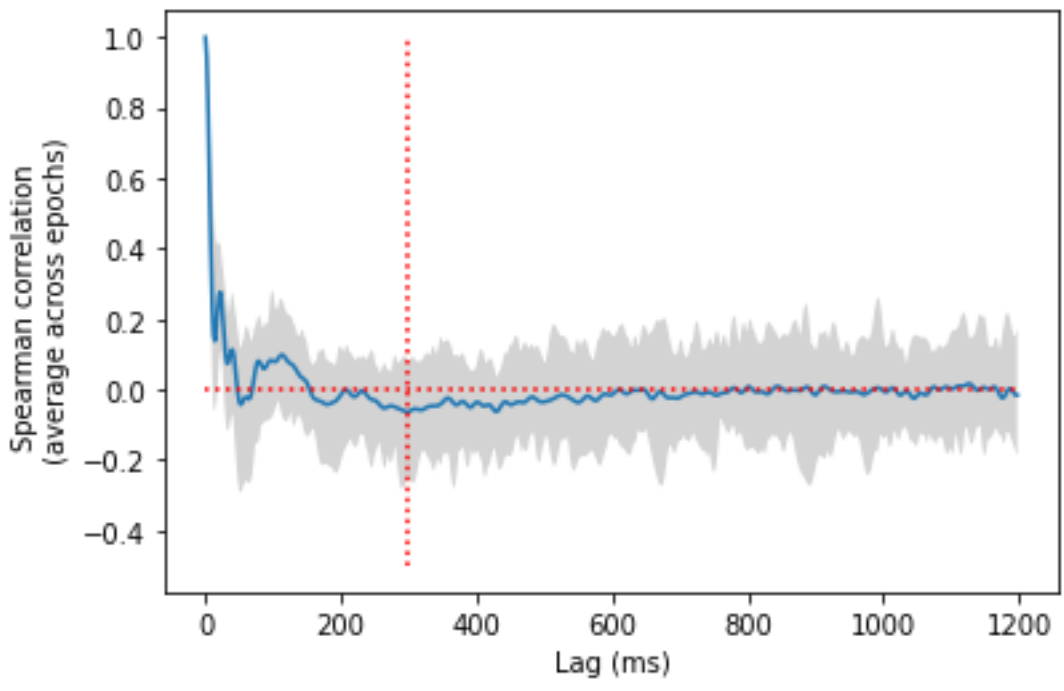
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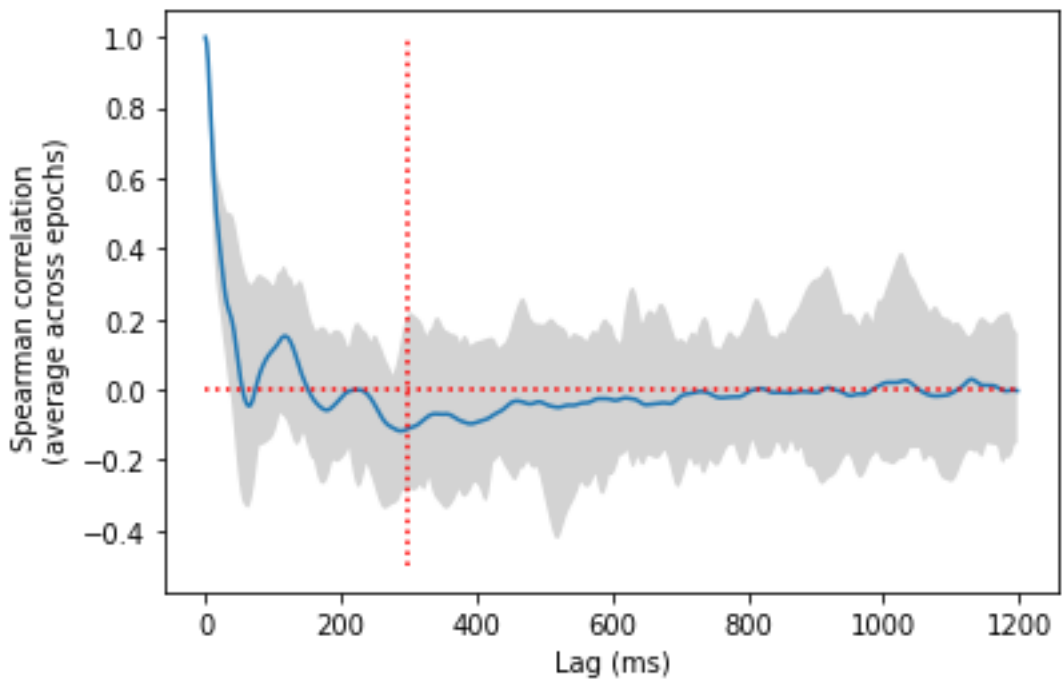
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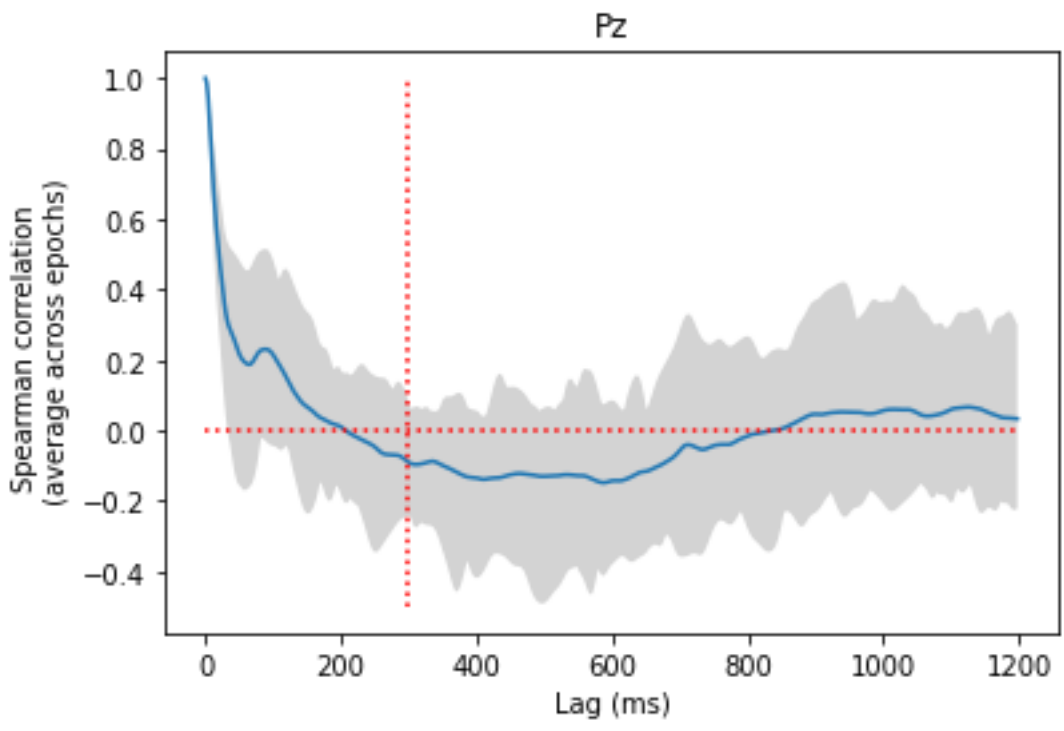
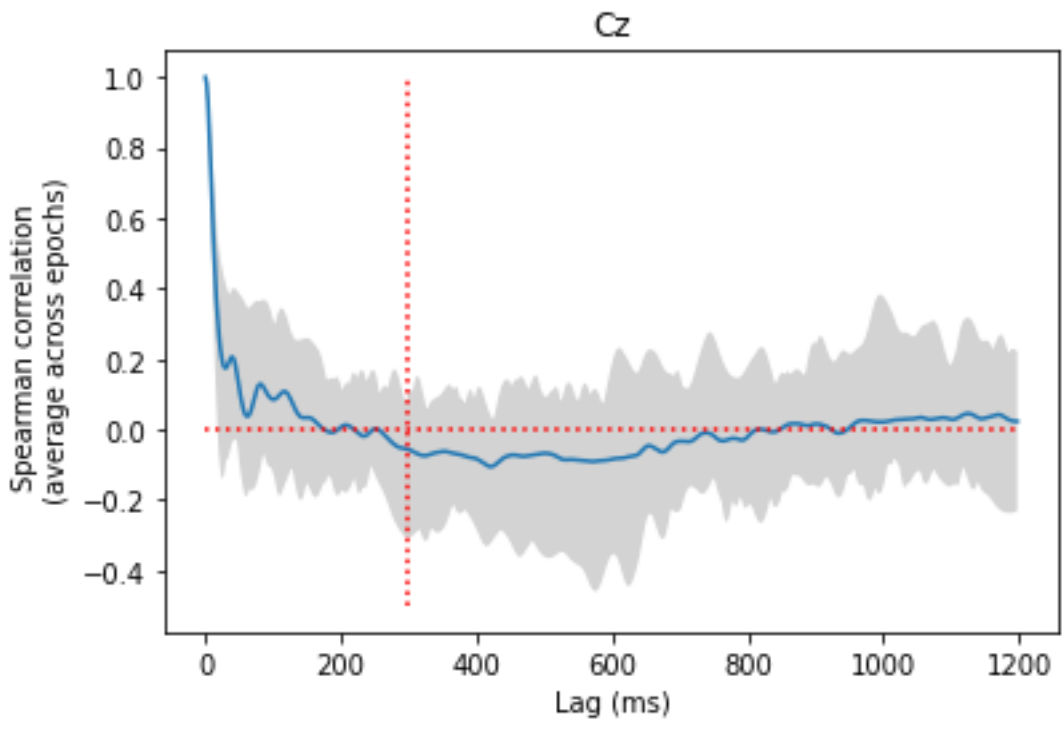
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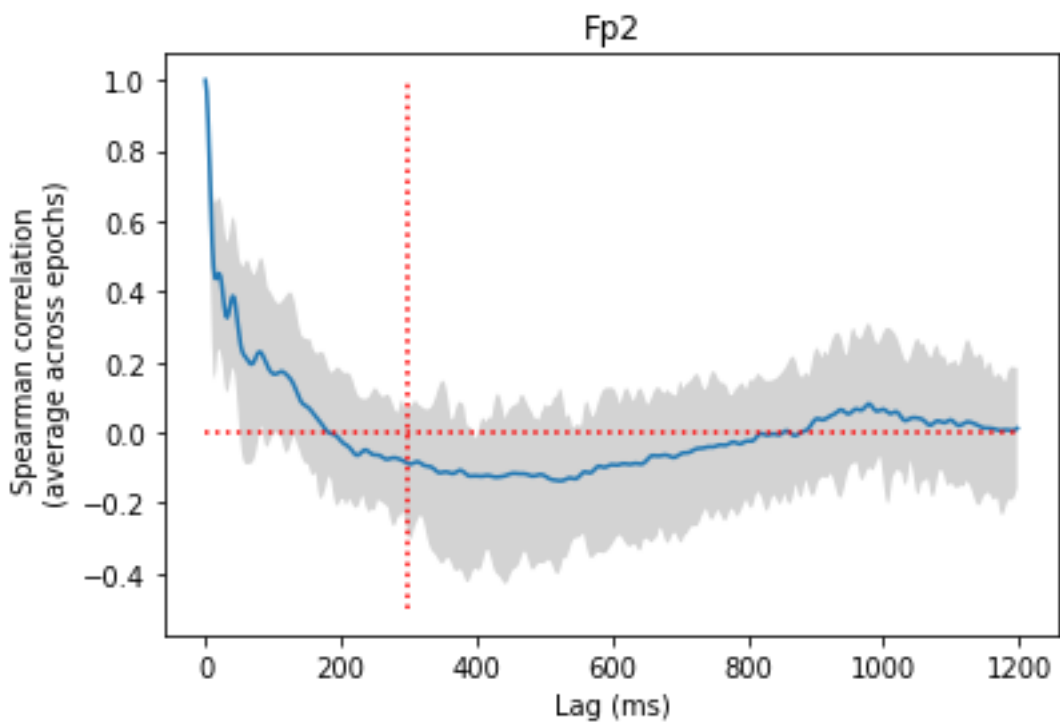
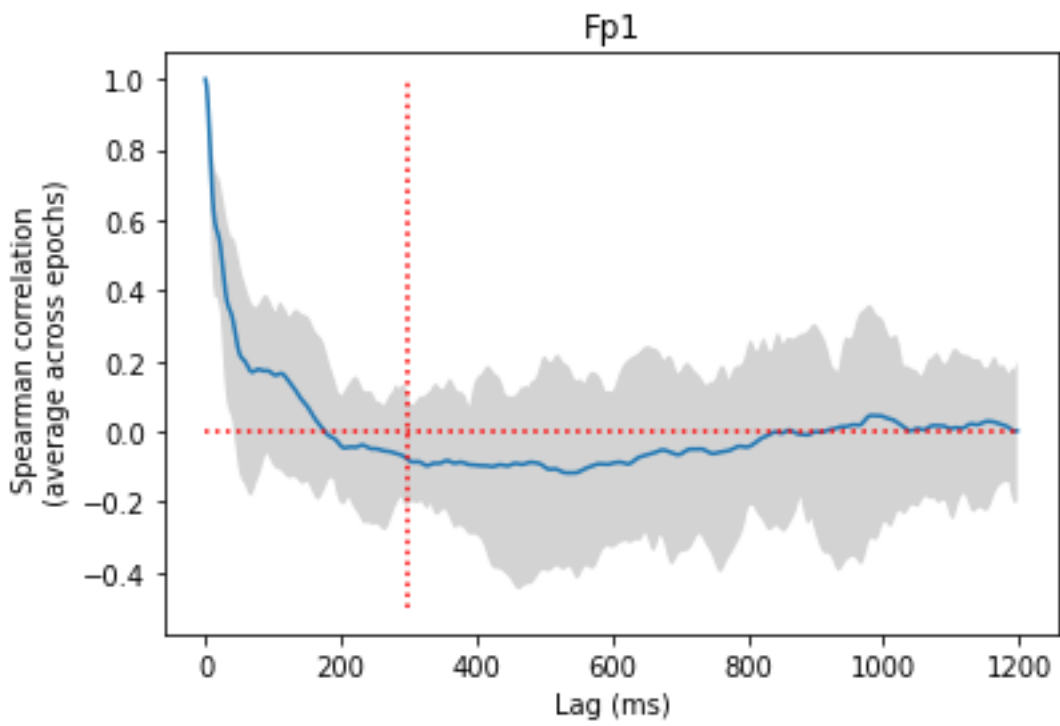
Fz



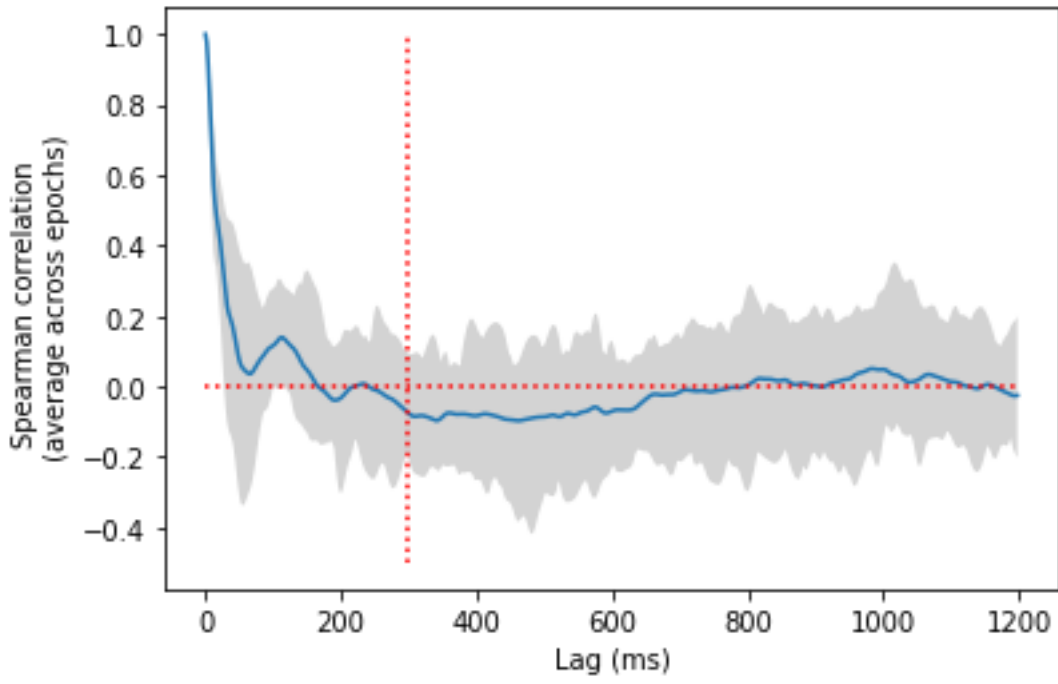




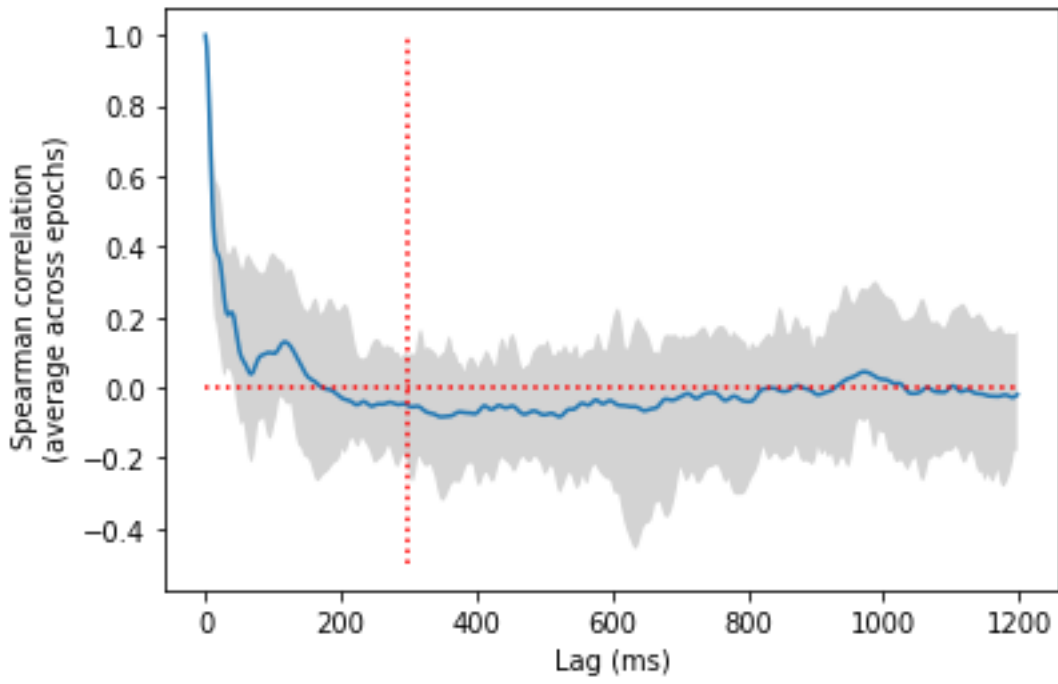
DBS ON: Motion



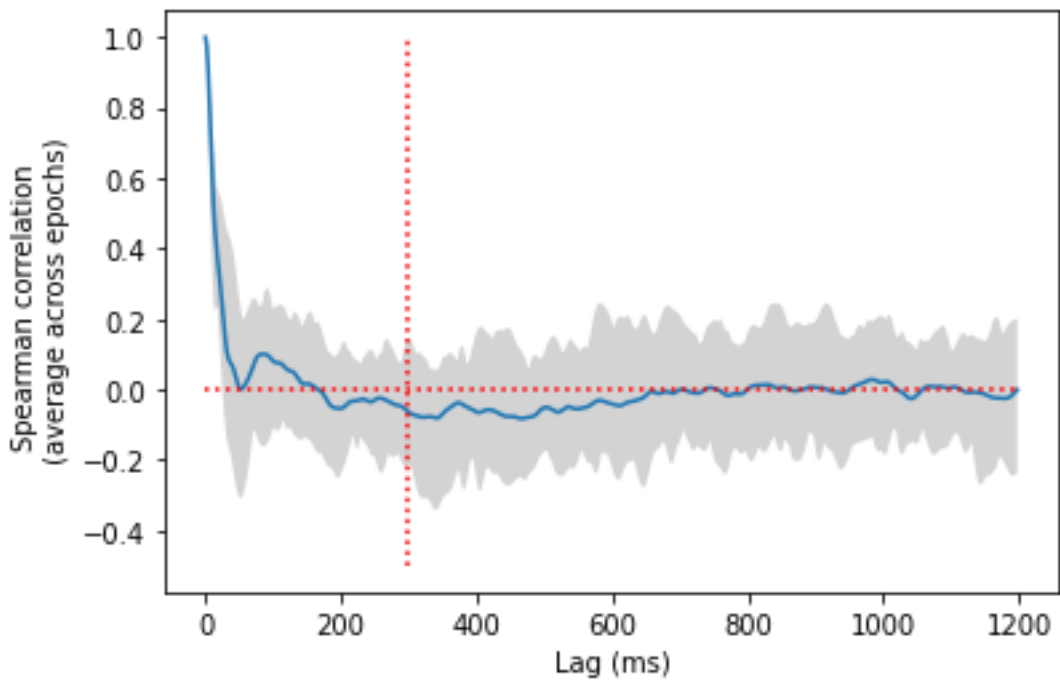
F3



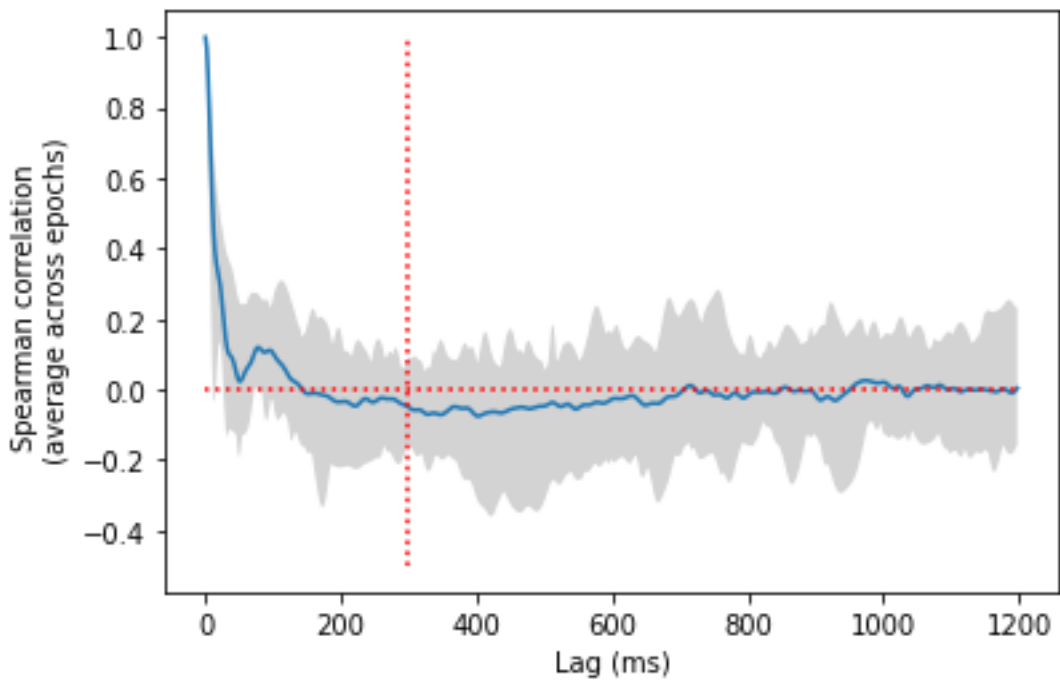
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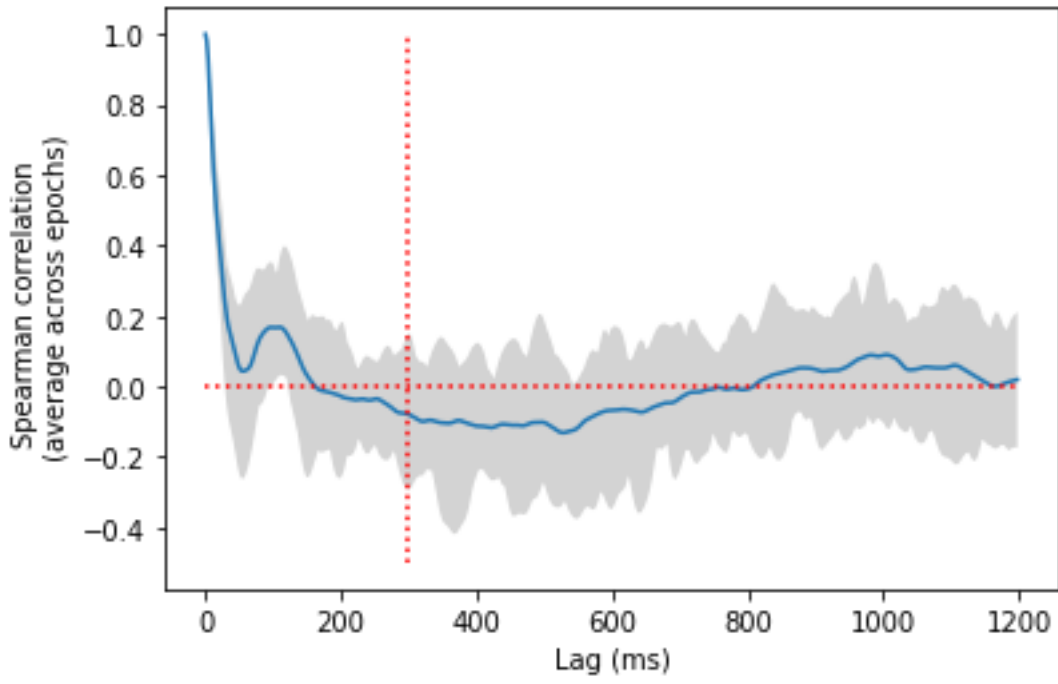
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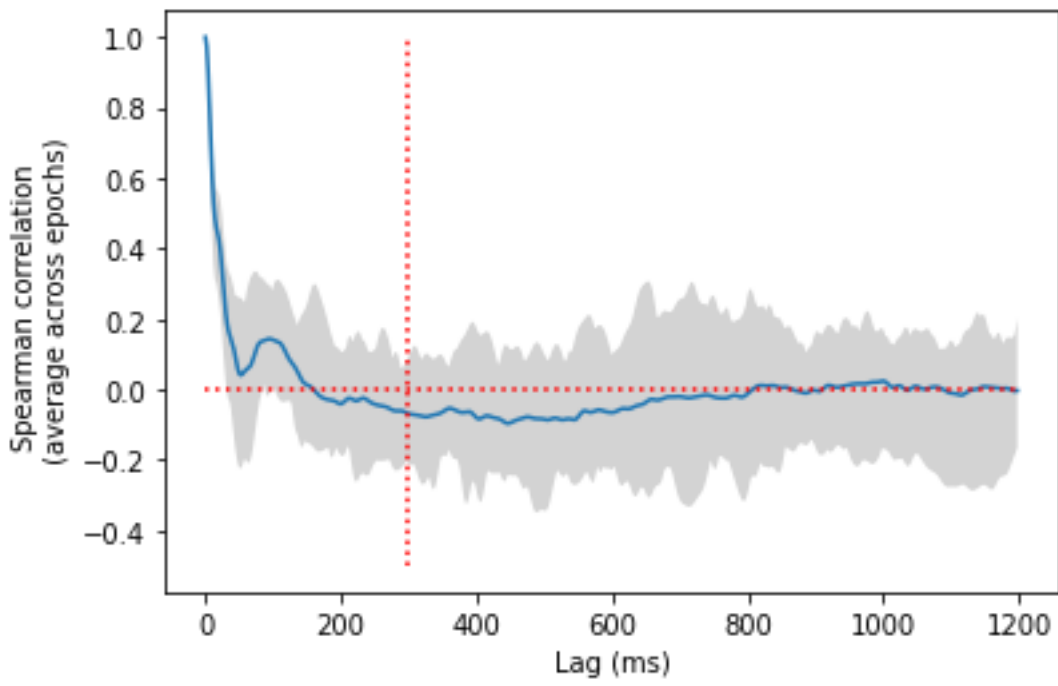
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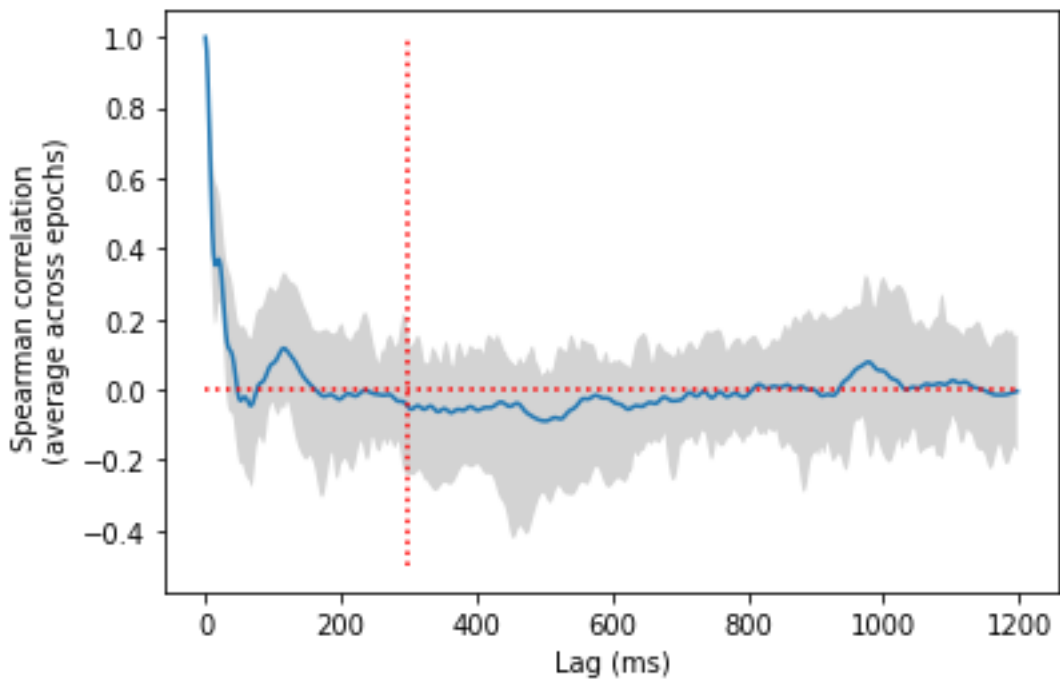
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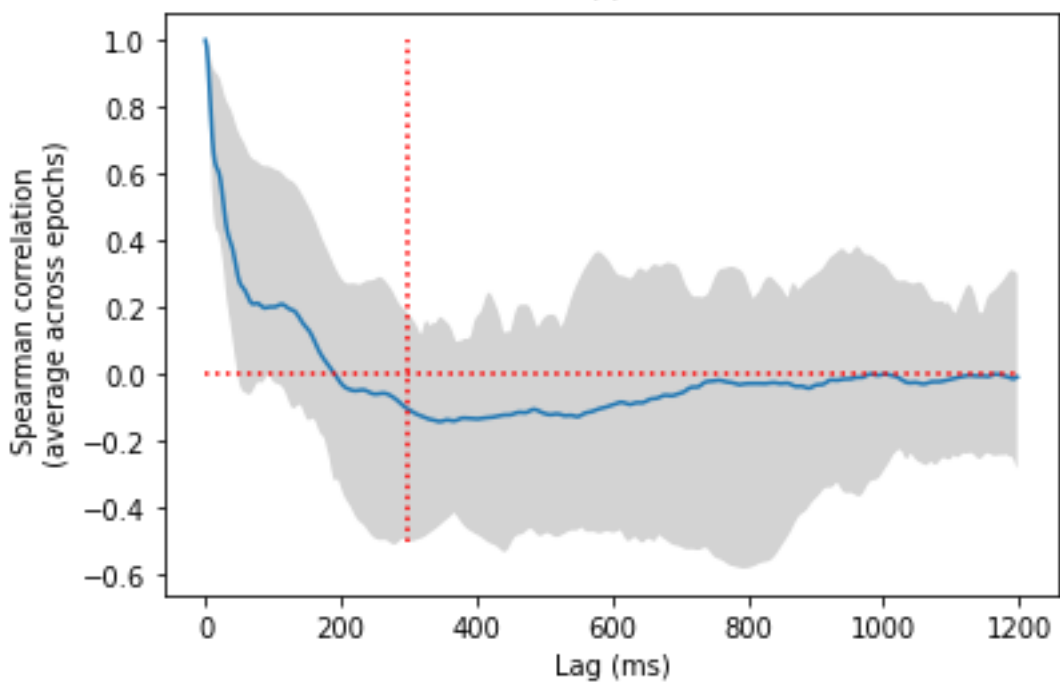
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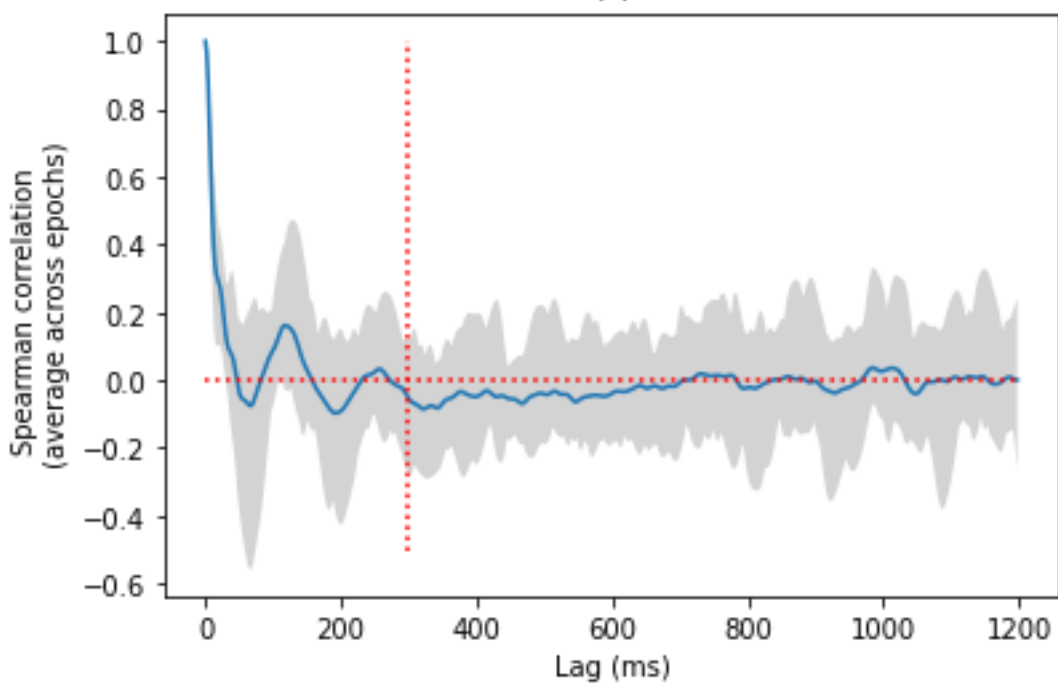
O1



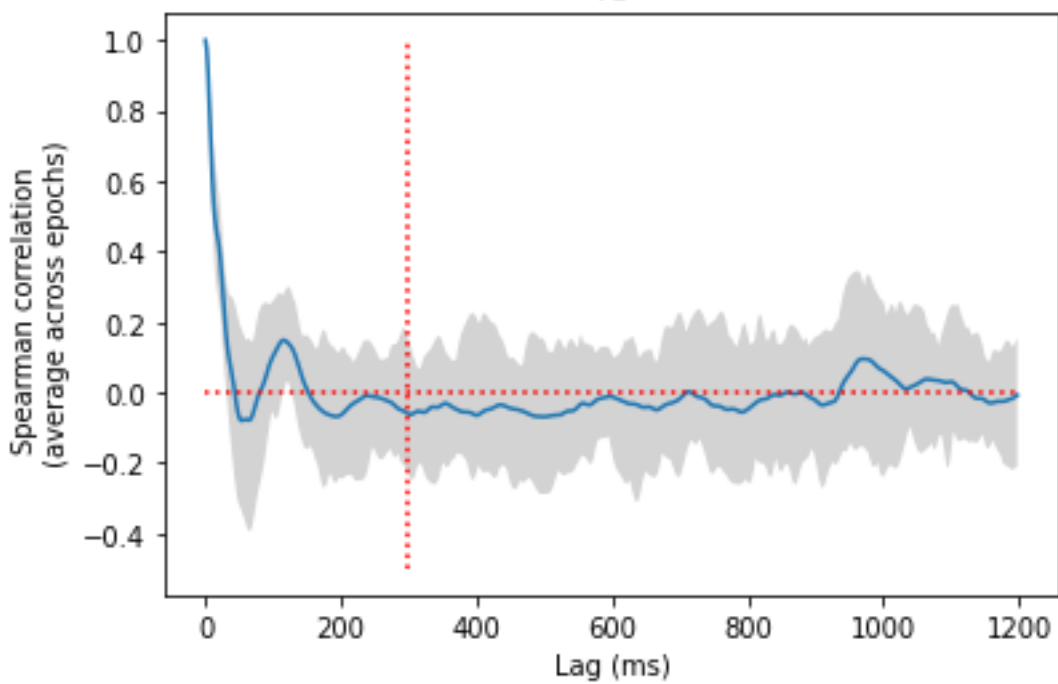
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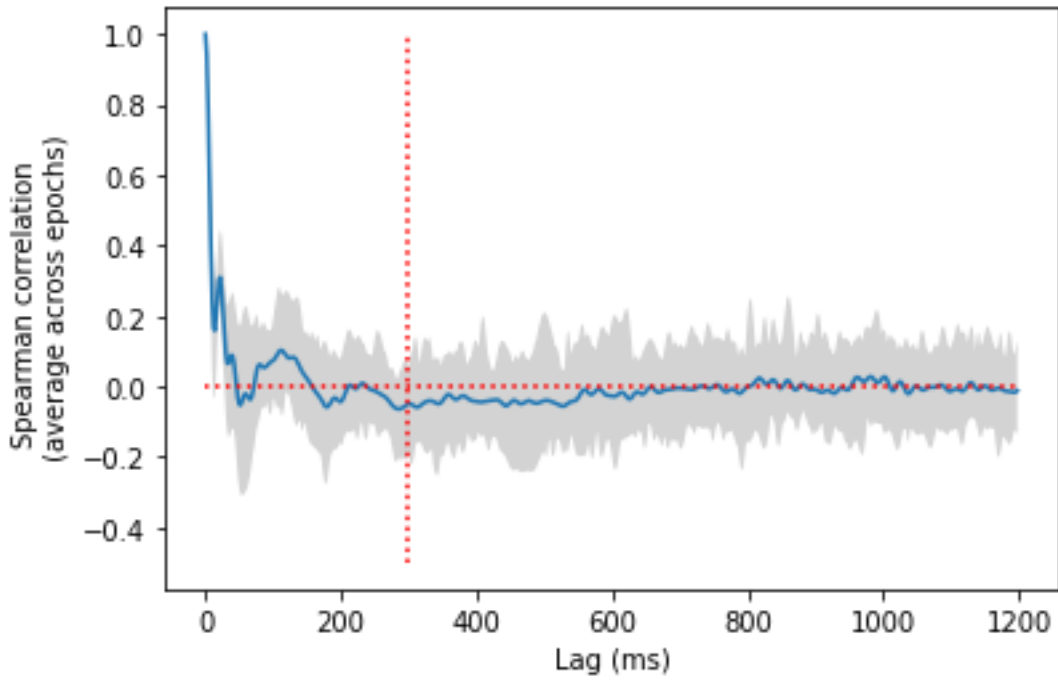
T4



T5



T6



Fz

