

Assessing the impact of motion on connectivity

Tim Rittman

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This script is designed to assess the correlation between spike percentage and connection strength - whether it exists and what the correct cut-off for spike percentage should be in the GENFI data.

```
## Loading required package: rJava  
## Loading required package: xlsxjars
```

We'll plot the correlation value between the connection strength and spike percentage for various thresholds of spike percentage.

The first plot shows the variation with spike percentage threshold of the Pearson correlation coefficient between connection strength and spike percentage.

The second plot shows the p-value of this correlation as the spike percentage threshold varies.



