PILOT DATA

Before using this toolbox for power calculations, you need a pilot dataset. There are some important rules about what you can and what you can't do with these data. Read carefully the instructions to make sure you don't harm the false positive rate of your study.

1. SPECIFY THE DATA

In the tab **Input**, you'll need to specify some parameters about the data and the experiment conducted. You can either upload data or link to an online dataset.

2. LOOK AT THE DATA

In the tab **Viewer**, you'll be able to see your dataset (if your data is a link). This allows you to check whether we're talking about the right data.

3. EXTRACT PEAKS

Our power calculations are based on the local maxima in the data. When you go to the tab **Peak Table**, the toolbox will extract the local maxima of your map and show you a table. This step might take a minute or two.

4. COMPUTE MODEL

The key step of this toolbox is the estimation of the alternative distribution. In the tab **Model Fit**, you can visually inspect the fit of the model.

5. POWER ANALYSIS

In the tab **Power Calculation**, you can see the power curves for your data, and you can specify yourself which power you want or how large your sample size will be. In the tab **Power Table**, you'll find an cross-table with sample sizes and power.