This archive contains files containing data and analysis from

Project ES/L016400/1

**Component processes of human face perception in typical and atypical individuals**

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| **Study 1: BP\_Magdeburg**Berggren, N., & Eimer, M. (2018). Feature-guided attentional capture cannot be prevented by spatial filtering Biological Psychology, 134,1-8. DOI: 10.1016/j.biopsycho.2018.02.007 |
| **Study Description** |  **File name** | **File Description**  |
| 12 participants – Experiment 112 participants – Experiment 2 | BP\_Magdeburg\_Behav.savBP\_Magdeburg2\_Behav.sav | SPSS file of behavioural data |
| BP\_Magdeburg\_README.txtBP\_Magdeburg2\_SPSS\_Files\_README.txt  | Text file of variable descriptions used in SPSS .sav file |
| BP\_Magdeburg\_EEG\_RawFiles.zipBP\_Magdeburg2\_EEG\_RawFiles.zip | Zip file containing EEG data. There are 3 files per participant, the raw EEG (.eeg) with associated header (.vhdr) and marker (.vmrk) files. |
| BP\_Magdeburg\_Berggren\_Eimer\_BiolPsych\_2018.pdf | PDF file of study manuscript containing analysis instructions |
| **Study 2: BP – Magdeburg**Berggren, N., & Eimer, M. (in press). Object-based target templates guide attention during visual search. Journal of Experimental Psychology: Human Perception and Performance. DOI: 10.1037/xhp0000541 |
| **Study Description** |  **File name** | **File Description**  |
| 12 participants – Experiment 112 participants – Experiment 2 | JEP\_2Object1\_Behav.savJEP\_2Object2\_Behav.sav | SPSS file of behavioural data |
| JEP\_2Object1\_SPSS\_Files\_README.txtJEP\_2Object2\_SPSS\_Files\_README.txt | Text file of variable descriptions used in SPSS .sav file |
| JEP\_2Object1\_EEG\_RawFiles.zipJEP\_2Object2\_EEG\_RawFiles.zip | Zip file containing EEG data. There are 3 files per participant, the raw EEG (.eeg) with associated header (.vhdr) and marker (.vmrk) files. |
| JEP\_2Object.pdf | PDF file of study manuscript containing analysis instructions |
| **Study 3: Choose 3\_BW**Nako, R., Smith, T., & Eimer, M. (2016). The role of color in search templates for real-world target objects. Journal of Cognitive Neuroscience, 28, 1714-1727. DOI: 10.1162/jocn\_a\_00996 |
| **Study Description** |  **File name** | **File Description**  |
| 12 participants – Experiment 112 participants – Experiment 2 | choose3\_BW\_behavioural.sav | SPSS file of behavioural data |
| choose3\_BW\_READ\_ME.txt | Text file of variable descriptions used in SPSS .sav file |
| choose3\_BW\_EEGDATA.sav | Zip file containing EEG data. There are 3 files per participant, the raw EEG (.eeg) with associated header (.vhdr) and marker (.vmrk) files. |
| choose3\_BW\_Nako\_Smith\_Eimer\_JOCN\_2016.pdf | PDF file of study manuscript containing analysis instructions |
| **Study 4: Shape**McCants, C., Berggren, N., & Eimer, M (in press). The guidance of visual search by shape features and shape configurations. Journal of Experimental Psychology: Human Perception and Performance. |
| **Study Description** |  **File name** | **File Description**  |
| 12 participants – Experiment 112 participants – Experiment 2 | Shape\_MeanAmp&Behav.savShape2.sav | SPSS file of behavioural data |
| Shape\_Analysis\_README.txtShape\_Analysis2\_README.txt | Text file of variable descriptions used in SPSS .sav file |
| Shape\_EEGData.zipShape2\_EEGData.zip | Zip file containing EEG data. There are 3 files per participant, the raw EEG (.eeg) with associated header (.vhdr) and marker (.vmrk) files. |
| .PDF | PDF file of study manuscript containing analysis instructions |
| **Study 5: VC\_SpatiallyGlobal**Berggren, N., Jenkins, M., McCants, C.W., & Eimer, M. (2017).The spatially global control of attentional target selection in visual search.Visual Cognition, 25, 196-214. DOI: 10.1080/13506285.2017.1287806 |
| **Study Description** |  **File name** | **File Description**  |
| 12 participants – Experiment 112 participants – Experiment 2 | VC\_Spatially\_Global\_BehavData.savVC\_Spatially\_Global2\_BehavData.sav | SPSS file of behavioural data |
| VC\_Spatially\_Global\_SPSS\_Files\_README.txtVC\_Spatially\_Global2\_SPSS\_Files\_README.txt | Text file of variable descriptions used in SPSS .sav file |
| VC\_Spatially\_Global\_EEG\_RawFiles.zipVC\_Spatially\_Global2\_EEG\_RawFiles.zip | Zip file containing EEG data. There are 3 files per participant, the raw EEG (.eeg) with associated header (.vhdr) and marker (.vmrk) files. |
| VC\_SpatiallyGlobal\_Berggren\_Jenkins\_McCants\_Eimer\_VisCog\_2017.pdf | PDF file of study manuscript containing analysis instructions |
|  |
| **Generic** |  |  |
|  |  **File name** | **File Description**  |
| ConsentForm.doc | Consent form for participants |