

**Grant Number**: **ES/M01066X/1**

**Sponsor: ESRC**

**Project title: Flexible and habitual mechanisms of human navigation?**

The following files have been archived in ReShare:

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| Folder name | Description of folder content (Short description of content, sample size, format, any linking between different types of data, i.e. survey and interviews/focus groups) |
| https://osf.io/ktqcm/ | 1. an XLS file containing the data for four experiments (sample size E1 = 32, E2 = 32, E3 = 32, E4 = 48)
2. a text file containing a description of each column in the XLS file
3. Links to the accepted version of the output
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| Landmark overshadowing boundary experiments.zip | 1. XLS files containing the data for three experiments (sample size E1 = 60, E2 = 80, E3 = 40)
2. a text file containing a description of each column in the XLS files
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| Landmark overshadowing geometry experiments.zip | 1. XLS files containing the data for three experiments (sample size E1 = 121, E2 = 80, E3 = 80)
2. a text file containing a description of each column in the XLS files
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| Sequence blocking.zip | 1. XLS files containing the data for two experiments (sample size E1 = 48, E2 = 108)
2. a text file containing a description of each column in the XLS files
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| Return route.zip | 1. XLS files containing the data for two experiments (sample size E1 = 48, E2 = 39)
2. a text file containing a description of each column in the XLS files
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| Boundaries episodic memory.zip | 1. an XLS file containing the data for three experiments (sample size E1=24, E2 = 24, E3=24)
2. a text file containing a description of each column in the XLS file
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| Hedgemaze csv.zip | 1. Individual CSV files containing the trial-level data for each stage of the Hedgemaze experiment, (sample size =24)
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| Hedgemaze defaced anatomy.zip | 1. Individual .nii files showing anonymised structural MRI scans for the Hedgemaze experiment, (sample size =24)
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| Hedgemaze\_XX\_fRMI data.zip | 1. 24 folders containing raw DCM files corresponding to behavioural events documented in CSV files contained in Hedgemaze csv.zip. Information on Hedgemaze files is explained further in the Hedgemaze ReadMe document.
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| Files for remaining experiments will be made available when the data are processed.  |  |

**Publications**: (based on this data, if any)

Buckley, M. G., Austen, J. M., Myles, L. A., Smith, S., Ihssen, N., Lew, A. R., & McGregor, A. (2021). The effects of spatial stability and cue type on spatial learning: Implications for theories of parallel memory systems. *Cognition*, *214*, 104802. <https://doi.org/10.1016/j.cognition.2021.104802>