

Title: Medial prefrontal cortex lesions disrupt prepotent action selection signals in dorsomedial striatum

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Materials and Data Availability

All analyses were conducted using the provided Matlab workspaces. Cells were cut using Offline Sorter (Plexon, Version 3.3) and processed in Neuroexplorer (Plexon; Version 4). Neuroexplorer files were then exported as “.mat” files, and all analyses were conducted in Matlab (Mathworks; Version 2018a). The excel document, Brockett_2022_CurrBio_variables_and_file_names, contains lists of all cells from both control and lesioned animals used for the analyses of the data presented in the paper. File name (i.e., file_name), time series data from the cell (i.e., sigxxxx), and which hemisphere was targeted (i.e., lesioned_and_recorded_hemisphere) are provided for control and lesion animals, respectively. The ‘variables’ workbook provides the names of the relevant strobes within each Matlab workspace that were used to align and analyze the data. If you have questions about the data provided, please reach out to Matthew Roesch.