

The code file 'workflow\_fig\_7.m' contains the code to recreate the PCA and coding scheme shown in figure 7. All variables are stored in 'data\_fig\_7.mat'. Set your matlab current directory to the directory that contains 'workflow\_fig\_7.m' and 'data\_fig\_7.mat'. Load the 'data\_fig\_7.mat' file and follow the instructions in 'workflow\_fig\_7.m' to execute the code.