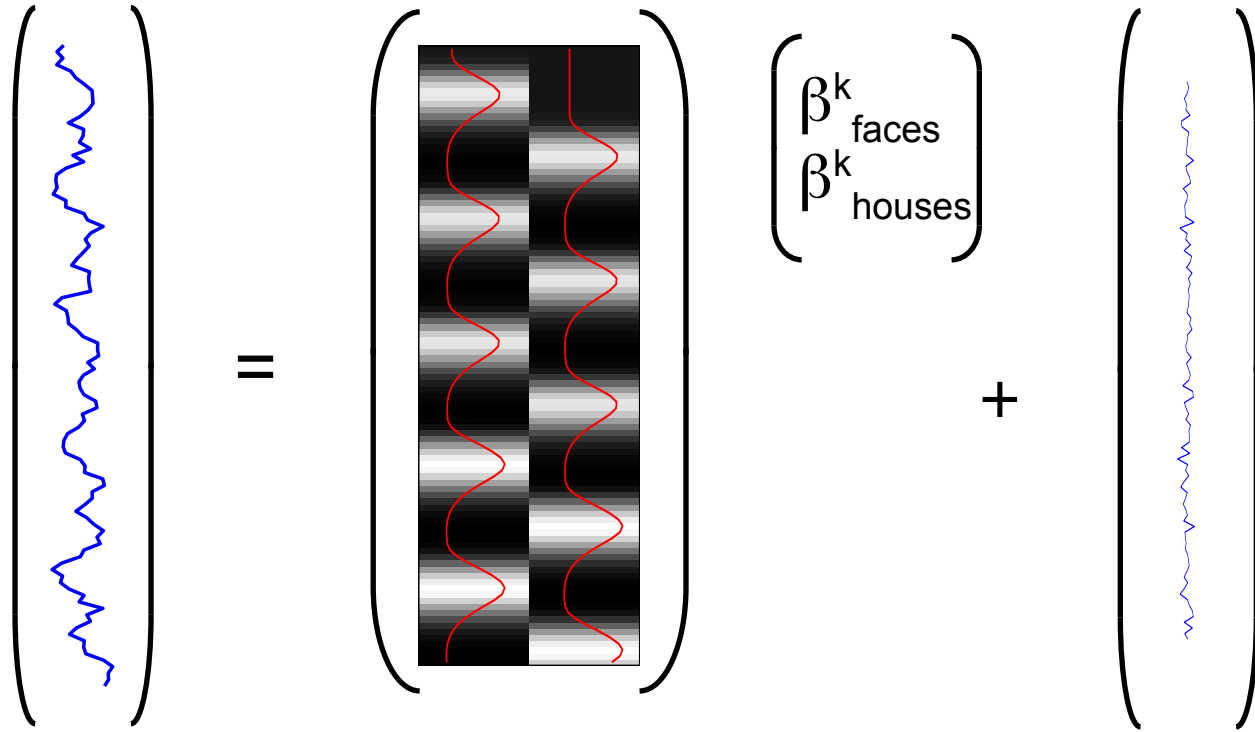


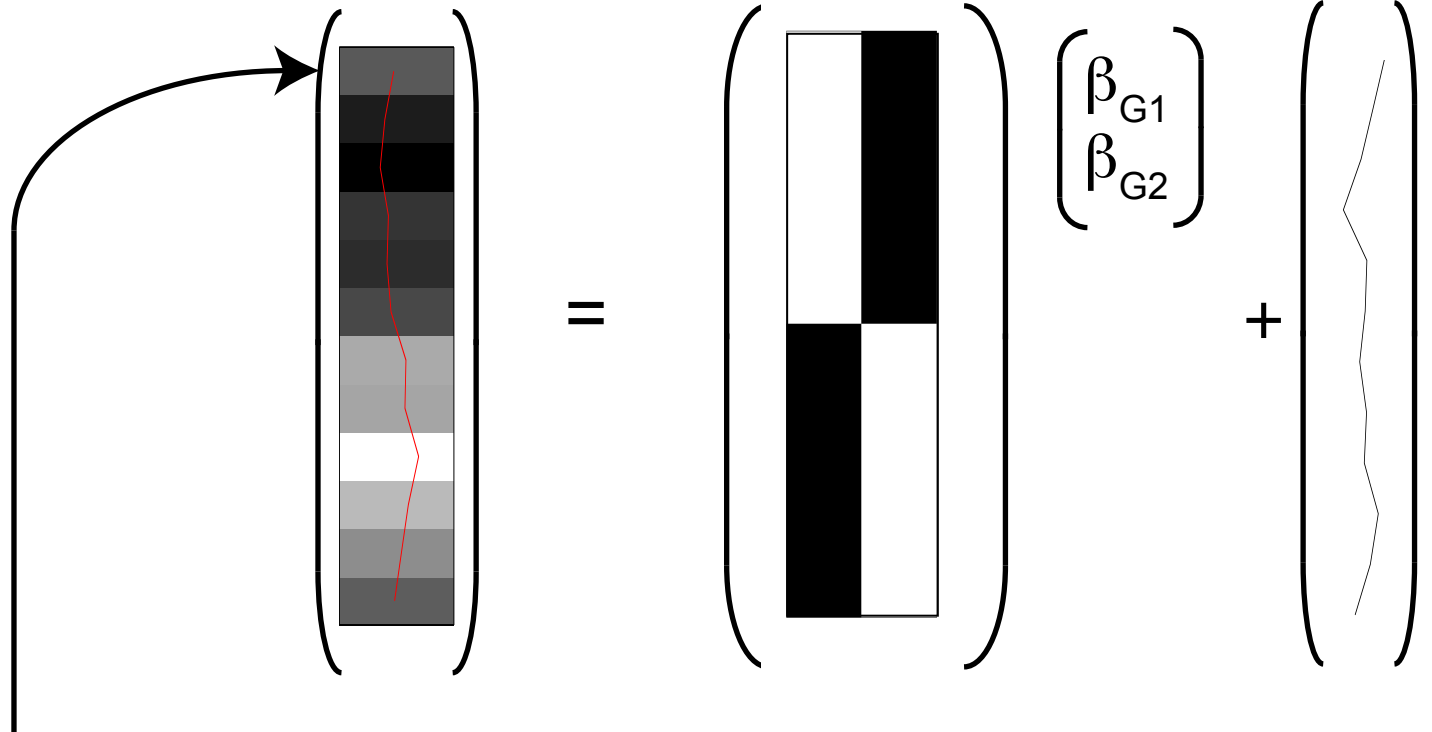
Level 1 model for subject k



$$H_0: \beta^k_{\text{faces}} - \beta^k_{\text{houses}} = 0$$

$$c\beta^k = [1 \ -1] \begin{pmatrix} \beta^k_{\text{faces}} \\ \beta^k_{\text{houses}} \end{pmatrix}$$

Level 2 model for comparing group 1 to group 2



$$H_0: \beta_{G1} - \beta_{G2} = 0$$

$$c\beta_G = [1 \ -1] \begin{pmatrix} \beta_{G1} \\ \beta_{G2} \end{pmatrix}$$

