**Request condition**

**Right frontal cortex region**

- **A-1**
  - Interaction: $p<0.05$
  - Relative changes in Oxy-Hb

- **B-1**
  - Amount of changes in Oxy-Hb
  - Interaction: $p<0.05$

- **C-1**
  - Power (uV²)
  - Interaction: $p<0.05$

**Left frontal cortex region**

- **A-2**
  - Relative changes in Oxy-Hb

- **B-2**
  - Amount of changes in Oxy-Hb

**Surprise condition**

- **A-3**
  - Relative changes in Oxy-Hb

- **B-3**
  - Amount of changes in Oxy-Hb

- **C-2**
  - Power (uV²)

**A-4**

- Relative changes in Oxy-Hb

- **B-4**
  - Amount of changes in Oxy-Hb
  - Interaction: $p<0.05$