

### **behavior\_DCM\_disgust\_parameter.csv**

subject\_ID: participant number

Disgust\_Genuine\_Expressional\_Q1: other-directed genuine disgusted expression rating, 0~8

Disgust\_Genuine\_Neutral\_Q1: other-directed genuine neutral expression rating, 0~8

Disgust\_Pretended\_Expressional\_Q1: other-directed pretended disgusted expression rating, 0~8

Disgust\_Pretended\_Neutral\_Q1: other-directed pretended neutral expression rating, 0~8

Disgust\_Genuine\_Expressional\_Q2: other-directed feeling for genuine disgusted expressions rating, 0~8

Disgust\_Genuine\_Neutral\_Q2: other-directed feeling for genuine neutral expressions rating, 0~8

Disgust\_Pretended\_Expressional\_Q2: other-directed feeling for pretended disgusted expressions rating, 0~8

Disgust\_Pretended\_Neutral\_Q2: other-directed feeling for pretended neutral expressions rating, 0~8

Disgust\_Genuine\_Expressional\_Q3: self-directed unpleasantness for seeing genuine disgusted expressions rating, 0~8

Disgust\_Genuine\_Neutral\_Q3: self-directed unpleasantness for seeing genuine neutral expressions rating, 0~8

Disgust\_Pretended\_Expressional\_Q3: self-directed unpleasantness for seeing pretended disgusted expressions rating, 0~8

Disgust\_Pretended\_Neutral\_Q3: self-directed unpleasantness for seeing pretended neutral expressions rating, 0~8

genuine\_DCM\_l\_olfac\_to\_raIns: modulatory effect on the connection from the left olfactory cortex to the right anterior insula for genuine disgust

pretended\_DCM\_l\_olfac\_to\_raIns: modulatory effect on the connection from the left olfactory cortex to the right anterior insula for pretended disgust

### **questionnaire\_DCM\_disgust\_parameter.csv**

*Note that, we have already taken reserve scores into account for all the scores if there is any.*

subject\_ID: participant number

TAS\_difficulty\_describing\_feelings: score of this TAS subscale used to measure difficulty in describing emotions

TAS\_difficulty\_identifying\_feelings: score of this TAS subscale used to measure difficulty in identifying emotions

TAS\_externally\_oriented\_thinking: score of this TAS subscale used to measure the tendency of individuals to focus their attention externally

IRI\_perspective\_taking: score of perspective taking subscale of IRI

IRI\_fantasy: score of fantasy subscale of IRI

IRI\_empathic\_concern: score of empathic concern subscale of IRI

IRI\_personal\_distress: score of personal distress subscale of IRI

ECQ\_cognitive\_ability: score of cognitive\_ability subscale of ECQ

ECQ\_cognitive\_drive: score of cognitive drive subscale of ECQ

ECQ\_affective\_ability: score of affective ability subscale of ECQ

ECQ\_affective\_drive: score of affective drive subscale of ECQ

ECQ\_affective\_reactivity: score of affective reactivity subscale of ECQ

genuine\_DCM\_l\_olfac\_to\_ralns: modulatory effect on the connection from the left olfactory cortex to the right anterior insula for genuine disgust

pretended\_DCM\_l\_olfac\_to\_ralns: modulatory effect on the connection from the left olfactory cortex to the right anterior insula for pretended disgust