

**S1 Table**

<i>SubjectNo.</i>	<b>N (NOC model)</b>	<b>N (IB model)</b>	<b><math>\beta</math> (IB model)</b>
1	45	42	100
2	11	11	48.33
3	9	9	48.33
4	41	41	14.38
5	19	20	2.64
6	38	38	100
7	2	41	61.58
8	12	12	100
9	19	19	2.64
10	42	40	2.64
11	15	15	100
12	42	42	2.64
13	27	27	4.28
14	15	15	2.64
15	43	42	100
16	18	18	48.33
17	16	16	100

**Model fit parameters for the NOC and IB models.** The model parameters with the highest weighted- $R^2$  for each of the subjects are presented for the NOC and for the IB models. For the IB model the  $N, \beta$  parameters were extracted from the individual maps shown in fig. 4c and in a similar manner  $N$  was extracted for the NOC model, as described in more detail in the Methods section.