



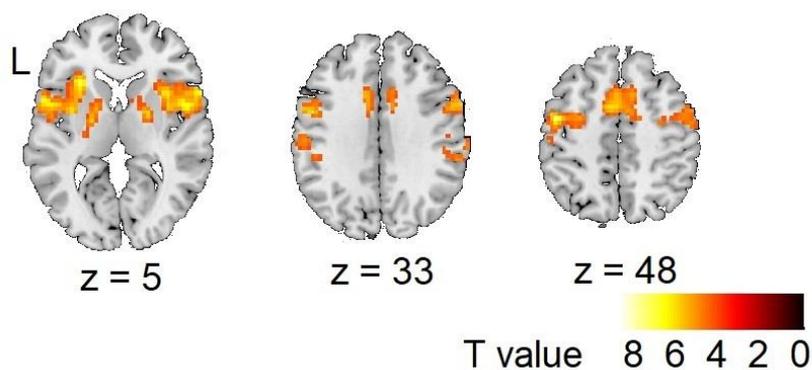
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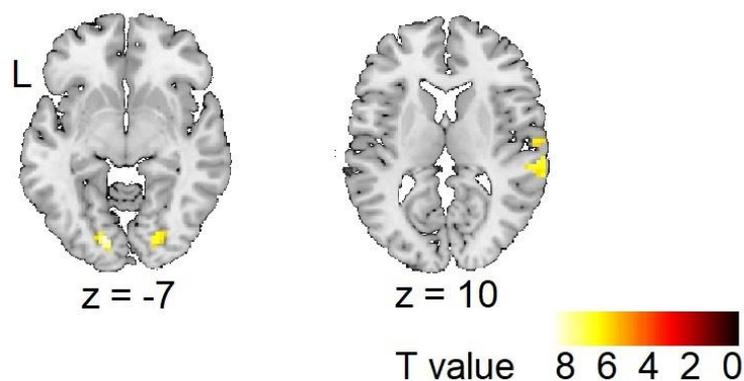
## Supplementary material

### Figures

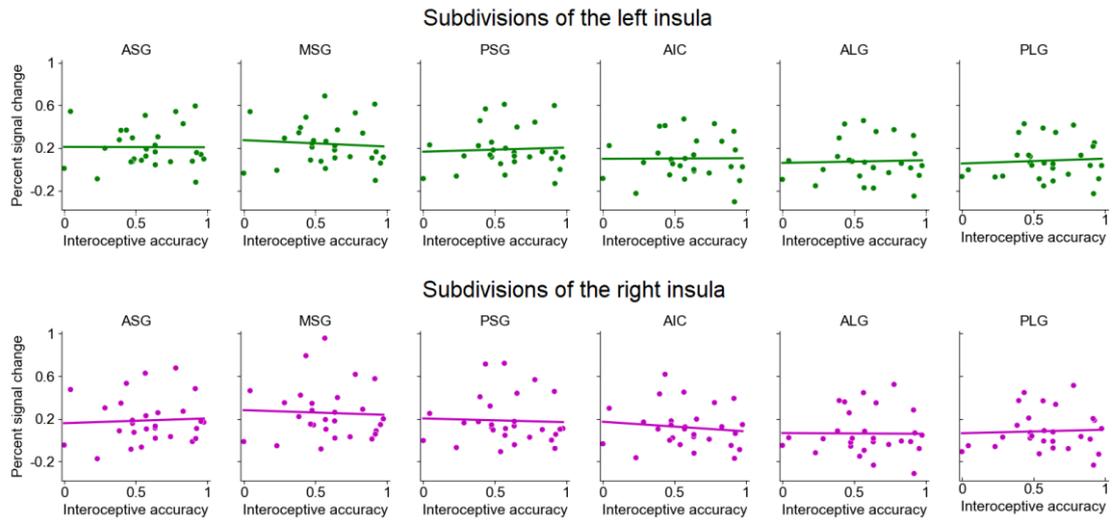
#### Heart > Baseline



#### Tone > Baseline



**Figure S1.** Activated brain regions in the heart attention condition and the tone attention condition compared to baseline. Activation was reported with a threshold  $p$ -value of  $< .05$ , corrected for multiple comparisons for the false discovery rate (FDR) with an extent threshold  $p$ -value of  $< .05$ . L, left hemisphere. Detailed MNI coordinates are reported in Table S1. Figures are displayed in the axial slice with  $z$  denoting locations in the MNI coordinates.



**Figure S2.** Correlations between individual interoceptive accuracy index and the activation in the 12 structural ROIs. ASG, anterior short gyrus; MSG, middle short gyrus; PSG, posterior short gyrus; AIC, anterior inferior cortex; ALG, anterior long gyrus; PLG, posterior long gyrus. There was no significant correlation between them (interoceptive accuracy index and the left ASG,  $r = 00$ ; left MSG,  $r = -.08$ ; left PSG,  $r = .05$ , left AIC,  $r = .00$ ; left ALG,  $r = .04$ ; left PLG,  $r = .07$ ; right ASG,  $r = .05$ ; right MSG,  $r = -.05$ ; right PSG,  $r = -.04$ ; right AIC,  $r = -.12$ , right ALG,  $r = -.01$ ; right PLG,  $r = .05$ , respectively). The Y values (percent signal change) correspond to the beta values acquired.

**Table**

Table S1: Anatomical regions, peak voxel coordinates, and t-values of observed activations. The peak-level threshold was set to  $p < .05$  (FDR-corrected) and the cluster size was also corrected for FDR ( $p < .05$ ).

Anatomic region	Voxels	MNI coordinates			t-value
		x	y	z	
<i>Heart attention &gt; Baseline</i>					
L Dorsal anterior insula	1074	-30	14	11	9.41
Frontal operculum		-57	8	11	8.52
Precentral gyrus		-48	-4	44	8.35
L Supplementary motor area	852	-9	2	56	8.98
		0	5	59	8.61
R Temporal pole	1013	54	8	-1	7.65
Dorsal mid-insula		48	5	5	7.26
Frontal operculum		57	11	11	7.25
L Lingual gyrus	128	-15	-88	-10	7.15
Fusiform gyrus		-27	-70	-7	5.08
L Pallidum	78	-21	-4	2	6.77
Putamen		-27	-19	8	5.08
R Pallidum	48	21	-1	5	6.47
L Middle occipital gyrus	52	-27	-94	14	6.31
		-30	-82	11	5.25
R Thalamus proper	29	9	-4	14	5.92

		6	5	8	5.38
R Lingual gyrus	40	18	-85	-7	5.36
Fusiform gyrus		27	-79	-10	5.15
R Middle occipital gyrus	45	27	-88	17	5.30
		33	-82	20	4.98
<i>Tone attention &gt; Baseline</i>					
L Lingual gyrus	39	-12	-88	-10	8.45
R Lingual gyrus	26	21	-82	-4	6.9
R Superior temporal gyrus	31	63	-28	11	6.89
		66	-37	11	6.42
R Superior temporal gyrus	9	63	-13	11	6.20

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MNI, Montreal Neurological Institute; L, left hemisphere; R, right hemisphere.