Supplementary material

Figures

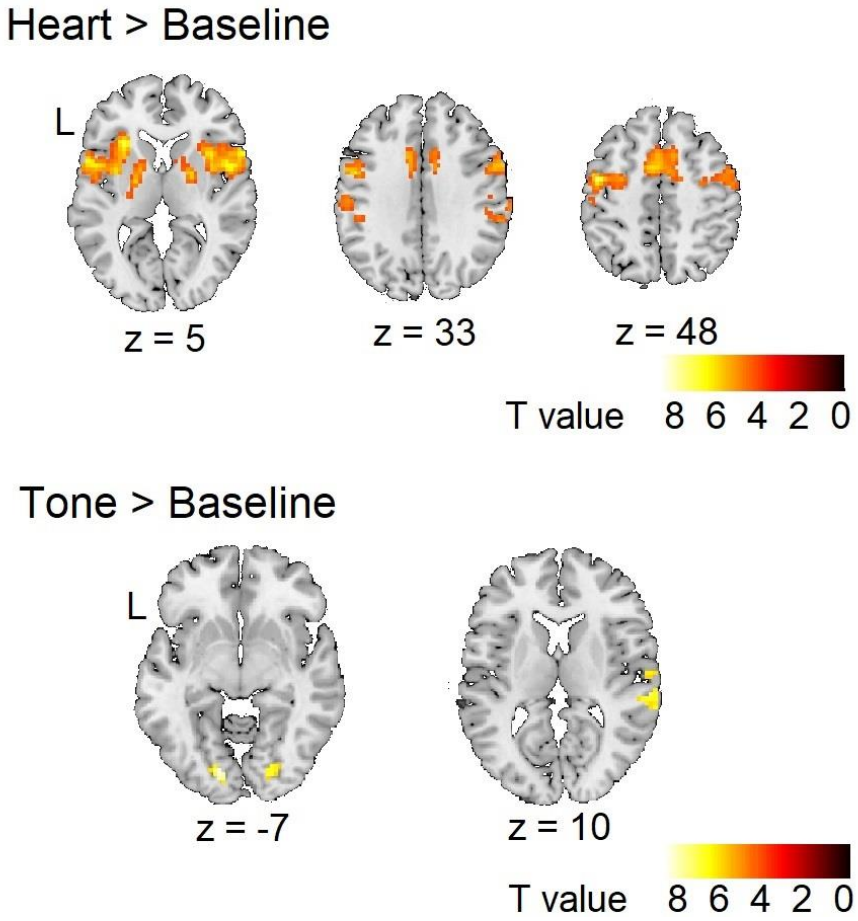

Figure S1. Activated brain regions in the heart attention condition and the tone attention condition compared to baseline. Activation was reported with a threshold *p*-value of < .05, corrected for multiple comparisons for the false discovery rate (FDR) with an extent threshold *p*-value of < .05. L, 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.

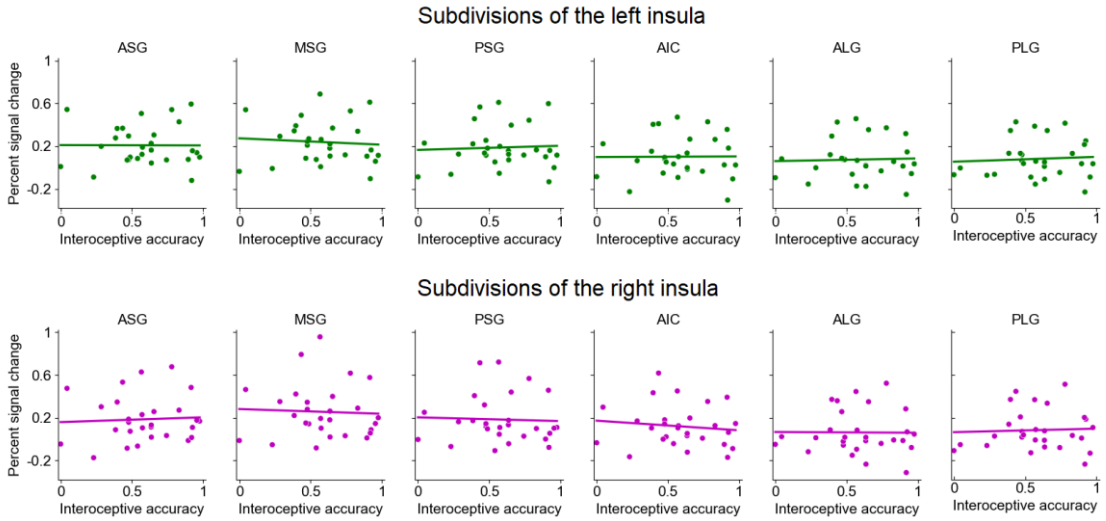

Figure S2. Correlations between individual interoceptive accuracy index and the activation in the 12 structural ROIs. ASG, anterior short gyrus; MSG, middle short gyrus; PSG, posterior short gyrus; AIC, anterior inferior cortex; ALG, anterior long gyrus; PLG, posterior long gyrus. There was no significant 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	
Heart attention > Baseline					
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 gurus		27	-79	-10	5.15
R Middle occipital gyrus	45	27	-88	17	5.30
		33	-82	20	4.98
Tone attention > Baseline					
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

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