

## Neural Correlates of Human Echolocation of Path Direction during Walking

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### Supplementary Tables

**Table S1.** Activations in the global RFX GLM for the sounds > baseline contrast. Results are cluster-level corrected at  $z > 3.7$  with a cluster probability threshold of  $p < 0.01$ . Z-values reference peak activations within each cluster, corresponding peak coordinates are reported in MNI space (mm).

Voxels	p	$z_{\max}$	X	Y	Z	L/R	Area(s)
298	3.00e-07	5.40	40	-26	12	R	Primary auditory cortex Planum temporale
297	3.11e-07	5.90	-44	-20	4	L	Primary auditory cortex Planum polare

**Table S2.** Activations in the global RFX GLM for the echo > no echo contrast. Results are cluster-level corrected at  $z > 3.7$  with a cluster probability threshold of  $p < 0.01$ . Z-values reference peak activations within each cluster, corresponding peak coordinates are reported in MNI space (mm).

Voxels	p	$z_{\max}$	X	Y	Z	L/R	Area(s)
501	1.89e-09	4.79	12	-76	50	R	Superior parietal lobule Anterior intra-parietal sulcus hIP2, hIP3 Inferior parietal lobule
180	7.99e-05	4.48	50	6	36	R	Premotor cortex Middle frontal gyrus
163	0.00016	4.64	66	-28	12	R	Primary auditory cortex Planum temporale Inferior parietal lobule
115	0.00133	4.42	-46	-26	6	L	Primary auditory cortex Planum temporale
84	0.00608	4.34	40	12	24	R	Inferior frontal gyrus