These data comprise of binaural impulse responses as reported in Section 6.3 of the paper: "The detection of ‘virtual’ objects using echoes by humans: spectral cues" by Rowan et al in Hearing Research 2017.

Each file is a .wav file containing the binaural impulse responses (IRs) – see our Hearing Research paper for details. IRs are available for four rooms (LAC = large anechoic chamber; RevCh = reverberation chamber). The filename for each wav file is constructed with the following components:

Room label (r1, r2, r3 or r4)

\_

Object distance (0 = no object; otherwise distance in meters from 0,5 to 5).

\_

Version of recording (a, b or c are simple repeats of same conditions; ‘without\_board’ indicates that the pole on which the board was mounted was present but the board itself was removed)

.wav

Note that a small set of distances was used for Room 3.

For more information, please contact Daniel Rowan [dr@soton.ac.uk](mailto:dr@soton.ac.uk)