

Supplementary legends

Figure S1. Experimental room. Note that one of the two rooms housed only five magpies.

Adapted with permission from Connelly et al. (2020).

Figure S2. Spectrogram of a single Australian magpie singing. Produced in R, using the package *soundgen*. Parameters: bit = 16, sampling rate: 44100 Hz, FFT window length = 120 ms, window type = hanning, overlap = 90%, noise reduction: 0.4.

Audio S1. Example of an Australian magpie singing.