**Stimuli/Oddball Stimuli Metadata**

**Mixing/normalisation:**

Pieces set to 30s exactly, then set from stereo to mono. Then, RMS loudness set to -25dB.

For combining into multistreams: those were then spatialised and streamed alongside each other. 5s gap before they are repeated (and oddballs added into the repeat).

**Oddballs:**

Oddballs = 180% pitch shift plus time reverse, for 2s.

Rules: 1s buffer time at start and end. 2s buffer time between two oddballs in a given stream.

Practice trial:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| File | Attended | Oddball onsets /s | | |
| Vibraphone | Harmonica | Keyboard |
| Set2-Mult-Pract.wav | keyboard | 2 (42.892, 49.725) | - | **3 (37.155, 47.688, 57.854)** |

Main trials:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| File | Attended | Oddball onsets /s | | |
| Vibraphone | Harmonica | Keyboard |
| Set1-Mult-Rand1.wav | keyboard | 2 (36.159, 60.724) | - | **1 (62.339)** |
| Set1-Mult-Rand2.wav | vibraphone | **1 (57.019)** | - | 2 (38.858, 52.608) |
| Set3-Mult-Rand1.wav | keyboard | 3 (38.183, 42.446, 55.074) | - | **4 (38.265, 43.179, 49.518, 60.121)** |
| Set3-Mult-Rand2.wav | vibraphone | **2 (36.17, 55.769)** | - | 3 (39.011, 44.726, 61.029) |
| Set4-Mult-Rand1.wav | keyboard | 4  (36.527, 44.960, 55.397, 60) | - | **2**  **(39.918, 54.395)** |
| Set4-Mult-Rand2.wav | vibraphone | **4 (39.033, 44.17, 49.348, 56.361)** | - | 4 (38.712, 42.776, 51.192, 59.69) |
| Set5-Mult-Rand1.wav | keyboard | 1 (61.329) | 1 (54.28) | **2 (47.867, 56.018)** |
| Set5-Mult-Rand2.wav | harmonica | 1 (54.661) | **4 (39.469, 47.976, 56.164, 60.423)** | 3 (38.742, 44.823, 51.352) |
| Set5-Mult-Rand3.wav | vibraphone | **1 (57.944)** | 3 (42.608, 53.628, 61.481) | 4 (38.352, 43.495, 47.757, 58.304) |
| Set6-Mult-Rand1.wav | keyboard | 3 (36.649, 49.165, 60.958) | 1 (47.385) | **4 (42.587, 49.335, 56.33, 60.348)** |
| Set6-Mult-Rand2.wav | harmonica | 4 (43.665, 48.875, 55.276, 60.702) | **4 (36.75, 41.875, 47.726, 61.939)** | 2 (37.234, 42.877) |
| Set6-Mult-Rand3.wav | vibraphone | **1 (56.163)** | 3 (39.627, 44.365, 53.58) | 1 (49.919) |
| Set7-Mult-Rand1.wav | keyboard | 3 (41.647, 47.124, 59.38) | 2 (45.547, 56.819) | **3 (39.532, 47.836, 53.665)** |
| Set7-Mult-Rand2.wav | harmonica | 4 (37.929, 50.138, 56.475, 61.802) | **2 (37.709, 61.073)** | 2 (51.851, 59.295) |
| Set7-Mult-Rand3.wav | vibraphone | **3 (47.658, 54.945, 60.194)** | 1 (54.193) | 3 (40.134, 55.79, 61.86) |