**This is a transcript of the Survey form that was provided, via Google Forms, to the volunteer participants for the study in Tucker-Brown et al..**

Sonification testing survey

**Section 1/4**

Thank you for taking the time to complete this survey.

For each question you will be shown a transit light curve, a common tool used by astronomers to identify exoplanets that has been presented as a plot, a sonification, or a combination of both.

We wish to assess the effectiveness of each format, so you will be asked to respond with how many transits or 'dips' you can identify in each light curve; you're not expected to understand the scientific content of the data!

Some of the questions will be deliberately difficult, and some may not contain any transits - just put your best answer! You may take as much time as you like on each question and we strongly recommend closing the tab after completing each one to keep track of each data set.

Firstly, we ask you give us a few details.

**Section 2/4**

On a scale of 1-4, to what level have you studied astronomy/astrophysics?

1 High School

2

3

4 PhD/academic

On a scale of 1-4, to what level have you been involved with analysing data (e.g. looking at graphs, fitting models)?

1 High School

2

3

4 PhD/academic

On a scale of 1-4, to what level have you studied music?

1 High School

2

3

4 PhD/academic

Do you identify as having a visual impairment?

Yes

No

Prefer not to say

**Section 3/4 : Examples**

Moving on to the light curves themselves, you can find examples of each format here. Each of the light curve images, sounds or movies will open up in a new browser tab.

Please look/listen at each example as many times as you like before closing the tab. Ideally, we recommend you use headphones and minimize distractions when answering questions from now on.

A sonification, with four transits: <https://drive.google.com/file/d/1LdEdGR4Yu8g01GWapyD_k3U8YUOki8cF/view?usp=sharing>

A plot, with three transits, and a more disturbed or 'noisier' signal:
<https://drive.google.com/file/d/162kD6qRCv6IDZDPIo0DSlbq573U_0NOM/view?usp=sharing>

A video with sound, of the four transit curve from before, but with a lot of added noise. Please note that videos do not autoplay, and you will need to click after opening the link:
<https://drive.google.com/file/d/1_lGMVRrZhKa10re01iW7GUbEM9w6hST3/view?usp=sharing>

**Section 4/4**

Here is the link to video 18: <https://drive.google.com/file/d/1Zl-vX2EgrWhn5DcsnmAfsi7i2-6tBicv/view?usp=drivesdk>

How many transits can you identify in this data set?

0

1

2

3

4

*Note: section 4 had 9 questions exactly like this, but with different examples of plots, sonifications or videos (combined sonifications and plots).*