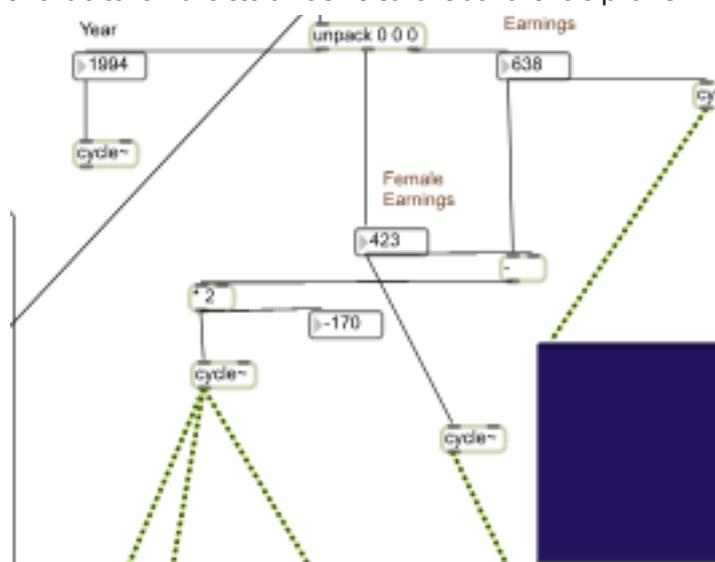


The max patch I have created has the purpose of determining the different between the earnings of men and women from 1994 to 1999. The purpose of this task was to see if, as time came closer to the present date, that there would be close to no difference in the earnings between men and women. As the difference between earnings of men and women increased or decreased, the sound would concurrently increase and decrease in tone respectfully.

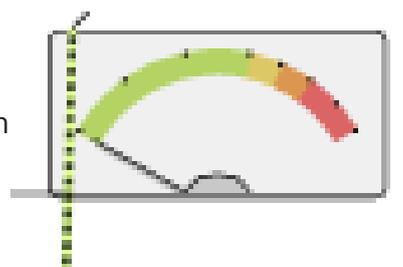
The patch has two start points that are separate to each other. One generates sound distinguishing between the difference between average weekly earnings of men and women, and the other is expressing time passing by.

I have set the first with a metronome of 100, in order to speed up the pace of the sound. This then goes to the data and attaches it to a scale that picks up signals when, in this case, there is a vast difference in the earnings of men and women's income.



The data is unpacked into three sections; the year (even though the data is representing the weeks over time, I have just noted down the year), earnings from women and earnings from men. They are each attached to a cycle, with the men's earnings and women's earnings attached to a graph to represent the data changing over time.

I have attached the men and women's earnings together and divided it by two as seen on the graph to generate a value for the difference in the two incomes, and then this is attached to another cycle and then attached to two volume controls which adjust the production and volume of the sound, and then finally attached to a speaker which creates the sound. The difference between the two sounds is also represented in another graph.



The other start point which expresses time passing by has its pace speeded up by ten and merely was displayed to add depth to the current sound being generated.

(Paragraph on what each function does with screen print shots)

As we can hear in the max patch when played, the sound steadily increases and eventually reaches quite a high pitched tone, and then cycles back to the start of the data and plays continuously. There are some moments where the sound will decrease in tone, but on the whole the sound is on a steady rise.



Therefore this concludes that the difference between the income of both men and women is in fact steadily increasing overtime, which is not the out come I had expected.

