Twin IQ
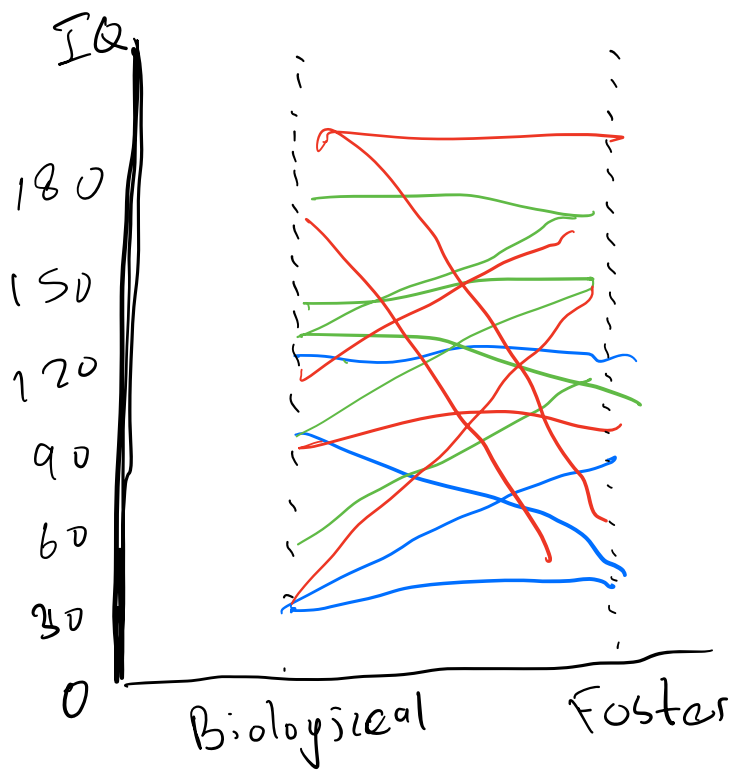

IQ

180
150
120
90
60
30
0

Biological   Foster

- 🔴 high
- 🟢 middle } Social Status
- 🔵 low

comes from twins.csv
- the point of this is to show the drastic change in IQ between each twin with respect to their social status.

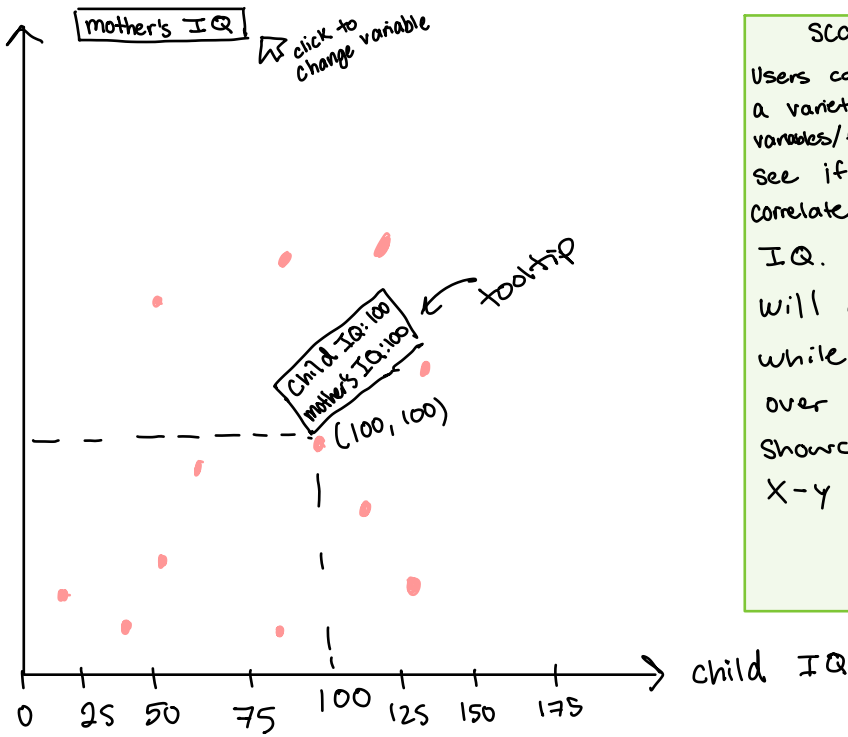— A more positive the slope means that there is a real meaning to nurture.

Tooltip3

Biological   Foster

IQ: 84   IQ: 77

Difference: 7
social: low
mothers IQ: 90
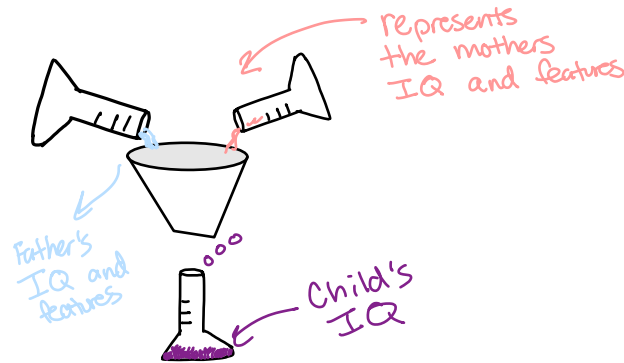
For the tooltip I think there should be certain content:

- IQ of both children: to get the raw data
- IQ difference: to compare and see change
- social status: difference could be correlated.
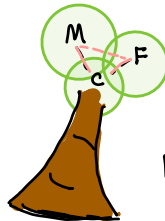- mothers IQ: to see correlation

overall this paints the whole story!

mother's IQ ↖ click to change variable

Child IQ: 100
Mother's IQ: 100
← tooltip

(100, 100)

child IQ

0   25   50   75   100   125   150   175

represents the mothers IQ and features

Father's IQ and features

Child's IQ

Input values could be taken from the real data randomly and each animation is the corresponding output, or we use the data to create a predictive model, and let the user choose the inputs. *I'm not sure there is enough data for a model though, so TBD.

Do the mother father IQs predict the Child's IQ?
- Will require many d3 animations, potentially sound effects
- potentially math needed

M
C   F

← can also be thought of as a family tree (literally)

Gifted Children

Each feature denoted by a different color dot.

Each ring is a different feature.

Child is at the center of each orbit. Reveal IQ onclick. Glow or pulsing effect could be cool.

"gifted" is based on IQ

Features
- Father IQ
- Mother IQ
- Age where child first spoke
- Age where the child first counted to 10
- average # hrs cartoons per week
- average # hrs educational tv

More info for each feature onclick, including where it sits on distribution.

This page will feature a gallery (or a select few) gifted children and their features. The child, a glowing orb at the center of the orbit, is surrounded by rings, each of which represent a feature. Need to consider which gifted kids to display in this visualization.

The distribution of the values for each feature category will be noted. They will then be spread over a curve, and the speed at which the feature dot moves around its ring will correlate, with faster speeds representing "better" values. Example, highest Mom IQ will be faster than all other Mom IQ orbits.

* Meant to look like space orbits..

Inspiration: https://galaxy-of-covers.interactivethings.io/