Denis Pelli <dp3@nyu.edu>

Re: Graph for F1000

1 message

Hörmet Yiltiz <hormet.yiltiz@nyu.edu>   Tue, Jan 12, 2016 at 11:33 AM
To: Denis Pelli <denis.pelli@nyu.edu>

Markers: use colors for different observers; filled vs. nonfilled markers represent threshold measurements (spacing or size)

Graph 1: threshold measurements vs. fonts, markers connected by lines
y: size and spacing measure, from 0.01 to 1
x: spacing:size ratio, from 1 to 2
(alternatively, we can switch the x axis as categorical, and represent different fonts, and choose size:spacing ratio of 1.5 for each font to plot, which is the subset of the data below)
fonts are coded as color; use data in:
NYU-Pelli xiuyun fonts Sloan, Thin Sloan, Gotham, Others, Sticks
NYU-Pelli Xiuyun font Pelli
AngliaRuskin-Waugh fonts Pelli and Sloan (this could potentially superimposed into Xiuyun's data)

How Sloan fails is represented in this graph.

Use **summary statistics** about Sloan from data set:
AngliaRuskin-Waugh font Sloan
NYU-Rhodes font Sloan

Graph 2: spacing threshold vs. size:spacing ratio
Only use Pelli font.
URomeSapienza-Martelli font Pelli
AngliaRuskin-Waugh fonts Pelli and Sloan
NYU-Pelli Xiuyun font Pelli
NYU-Pelli-Qiu font Pelli
URomeSapienza-Martelli font Pelli

Graph 3: *only if in the above two graph we only plot repeated measure*
Repeated vs. non-repeated
Scatter plot.
NYU-Pelli Xiuyun font Pelli
NYU-Pelli-Qiu font Pelli

Best,
Hörmet

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On Tue, Jan 12, 2016 at 11:09 AM, Denis Pelli <denis.pelli@nyu.edu> wrote:

yes, sure. whatever you want. i just need something soon.

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On Tue, Jan 12, 2016 at 9:52 AM, Hörmet Yiltiz <hormet.yiltiz@nyu.edu> wrote:

Dear Denis,
As we discussed yesterday, we mainly need the two graphs below
(repeated vs. non-repeated could be represented in either or both of the
graphs, though it might complicate the graphs).

Threshold measure vs. fonts

spacing threshold vs. ratio

If we put more than one observer, I am inclined to use colors to distinguish
them. We already used colors for repeated vs. non-repeated. Should we
change the current marker coding?

Best,
Hörmet

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On Tue, Jan 12, 2016 at 9:43 AM, Hörmet Yiltiz <hormet.yiltiz@nyu.edu> wrote:

Dear Denis,
I have installed Kaleidagraph and looked at all the graph files you already

have plotted, and tried simply overlaying some. I think Xiuyun and Michelle's data on Pelli font are not really consistent with each other.
Best,
Hörmet

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