

FW: Data + interactive bundle for majority black cities blog

David Lanham

Wed 1/23/2019 9:12 AM

To: Alec Friedhoff <AFRIEDHOFF@brookings.edu>

📎 3 attachments (3 MB)

ButterflyData03.csv; variables03.csv; ButterflyData03.RDA;

Update to David H/Andre's email yesterday I forwarded, not to worry about now but let's discuss at 10am with Julia.

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From: David Harshbarger <DHarshbarger@brookings.edu>

Sent: Wednesday, January 23, 2019 8:59 AM

To: David Lanham <DLanham@brookings.edu>

Cc: Andre Perry <APerry@brookings.edu>

Subject: RE: Data + interactive bundle for majority black cities blog

Made a small addition to the interactive: you can now select the x-axis to show either White population trend or Non-black population trend. Andre, this is relevant to the section in your book about how we frame black vs. white in research or black vs. black, so we can briefly discuss later. I have some thoughts. On the whole it doesn't appear to change much, but if you drill down on Western cities for example, you'll notice a big difference when you toggle the x-axis. The label for the x-axis doesn't change with the selection yet, however.

To go along with that small addition, I've updated the data and dictionary attached here. The interactive is still at the same link.

David

From: David Lanham <DLanham@brookings.edu>

Sent: Tuesday, January 22, 2019 6:23 PM

To: David Harshbarger <DHarshbarger@brookings.edu>

Cc: Andre Perry <APerry@brookings.edu>

Subject: Re: Data + interactive bundle for majority black cities blog

Ok thanks. Chatting with Alec in the morning and will discuss this with him, will follow up.

From: David Harshbarger <dharshbarger@brookings.edu>

Sent: Tuesday, January 22, 2019 5:52 PM

To: David Lanham

Cc: Andre Perry

Subject: Data + interactive bundle for majority black cities blog

Hi David,

As we talked about Friday, here are the data and prototype interactive for the blog. Data and variables dictionary attached as csv as well as an R data file (I've previously used this with Alec and he indicated that it was a good way to share data with him), the draft interactive can be found at here: <https://dharshbarger.shinyapps.io/shiny/>.

Notes on the draft interactive (I discussed some of these briefly with Alec, but that was months back before this was tabled, so I'm happy to get in touch with him with this info):

- We really like the butterfly-shaped log-scaled scatterplot idea and the different slices that are customizable by filtering the data
- I included all the possible filters. It's probably overkill so we can consider cutting some
- The colors are just defaults. With my limited experience in this sort of thing I wasn't able to implement colors for each region that would remain tied to that region even if data are selected away (for example, when all four regions are selected the "Southeast" is depicted as cyan, but when "Northeast" is deselected, "Southeast" becomes green. Ideally, Southeast would remain cyan in that example.) Luisa suggested the following colors, which are quite nice, but I'm also happy to defer to Alec:
 - o northeast <- "#EBB74A"

- o midwest <- "#19647E"
 - o southeast <- "#28AFB0"
 - o west <- "#E872AE"
- I also wasn't able to make a click or hover action work with the plot, but ideally you could hover over a point and see the name of the city it represents.

Also, my apologies for dropping this so late in the day.

David

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David Harshbarger

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