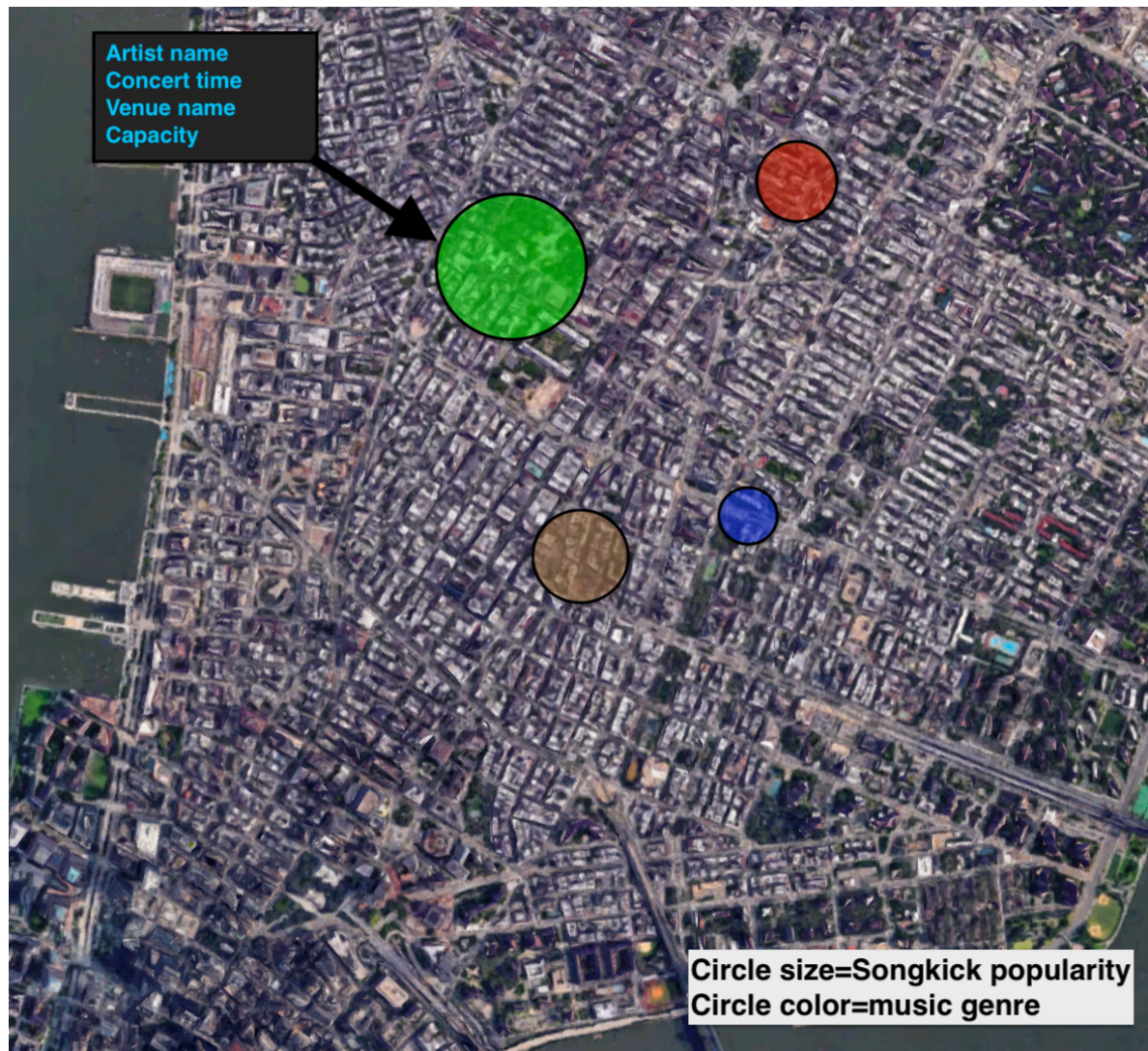


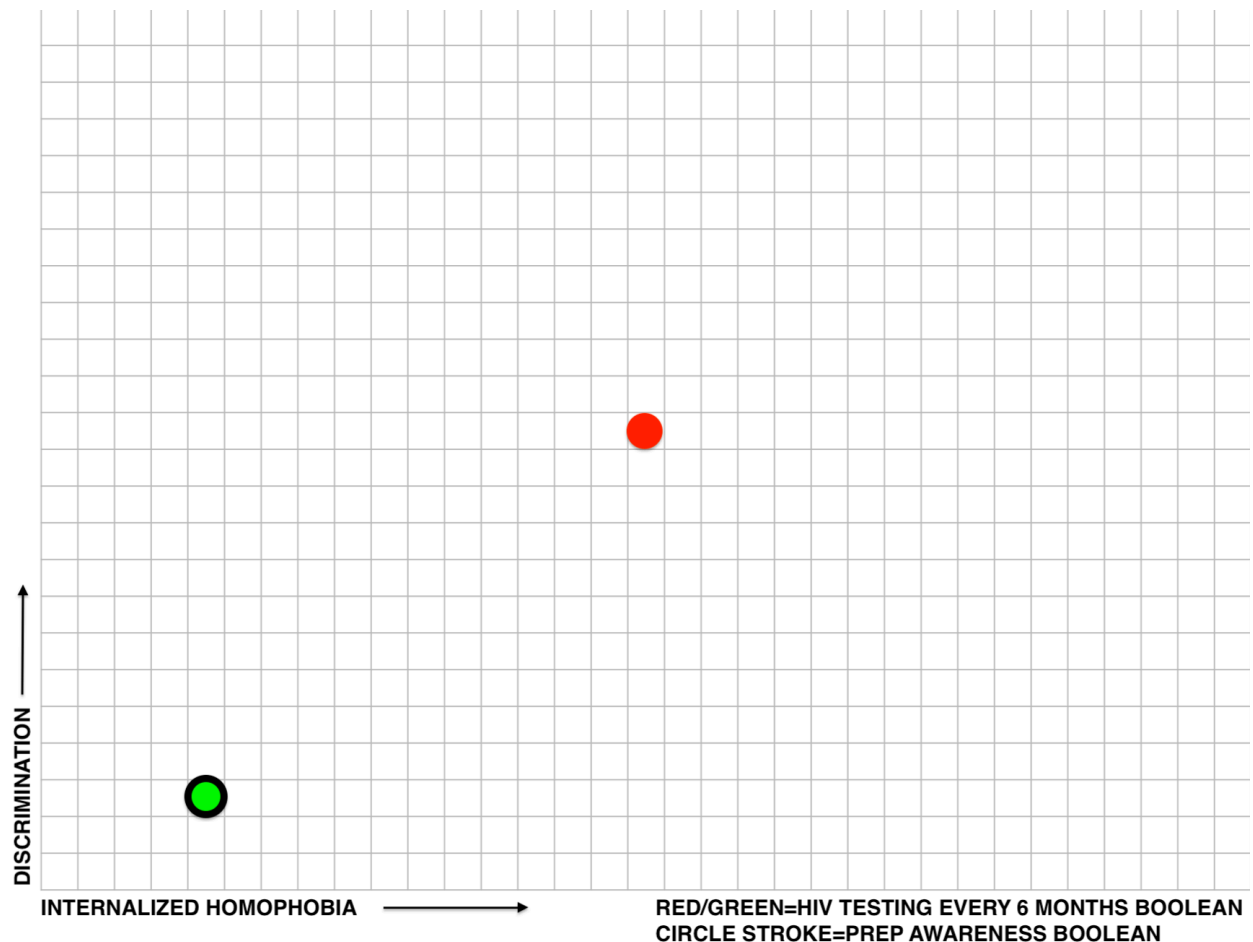
MANHATTAN VS BROOKLYN: A MUSICAL TALE OF 2 BOROUGHES



Brooklyn's draw as a cultural destination has begun to rival that of Manhattan. Using the Songkick concert search platform's API, this heat map will explore the two boroughs' cultural appeal and personalities through the lens of music events. Qualitative retinal values will be applied to event genre (pop, jazz, classical, musical etc.) to draw out each borough's focuses, while quantitative values are applied to event popularity. Interactivity, such as popups featuring event info will enrich the user experience. Further variables for possible exploration include how many venues are booked by promoters such as Live Nation. The Songkick API allows for searches by metro area and date range, creating the possibility of a one-day snapshot of live music in the city's two most famous boroughs. A search of Songkick for Saturday November 17, for example, shows 142 concerts.

Songkick API: <https://www.songkick.com/developer>

LGBTQ POPULATIONS, SELF-IMAGE AND HIV RISK



Employing a new social psychology study of LGBTQ populations by Rutgers University Professor Corina Lelutiu-Weinberger, this digital visualization will explore the relationship between respondents' self worth and HIV risk. The visualization will employ a scatter plot approach to represent four variables: predictors discrimination and internalized homophobia, and Booleans HIV testing and PrEP awareness.

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GREAT WHITE SHARK AND HARBOR SEAL POPULATIONS

Survey		Counts	
Year	Date	All seals	Gray seals
2012	3/12/13	15,330	12,730
2014	6/15/15	3,820	3,170
2015	5/23/15	20,550	17,060

2018.09.15	15-Sep-2018	2018	Unprovoked	USA	Massachusetts
2018.08.15.a	15-Aug-2018	2018	Unprovoked	USA	Massachusetts
2017.08.23	23-Aug-2017	2017	Unprovoked	USA	Massachusetts
2017.08.03	03-Aug-2017	2017	Provoked	USA	Massachusetts
2016.07.07.b	07-Jul-2016	2016	Provoked	USA	Massachusetts
2014.09.03	03-Sep-2014	2014	Boating	USA	Massachusetts
2012.07.30.a	30-Jul-2012	2012	Unprovoked	USA	Massachusetts
2001.07.21	21-Jul-2001	2001	Boating	USA	Massachusetts
1996.07.21	21-Jul-1996	1996	Unprovoked	USA	Massachusetts
1969.08.22	22-Aug-1969	1969	Provoked	USA	Massachusetts
1965.02.04	04-Feb-1965	1965	Unprovoked	USA	Massachusetts

Fatal Shark Attack Off Cape Cod Is First in Massachusetts Since 1936

Cape Cod's Seal Problem

The population of gray seals on the Cape has exploded in recent years. Is it time to cull the herd?

Since the passage of the Marine Mammal Protection Act in 1972 and its ban on hunting gray seals, populations of seals—and the great white sharks that eat them—have rebounded dramatically in Massachusetts, with the potential to reshape the tourism industry on Cape Cod. Using USGS and other data sources, this digital visualization will represent a snapshot of seal and shark populations, contextualizing the figures with data on shark attacks and tourism spending relative to the overall economy.

USGS Bison search: <https://bison.usgs.gov/#opensearch>

BioScience article with seal population table: <https://academic.oup.com/bioscience/article/67/8/760/3865418#113367600>

Global Shark Attack File: <http://www.sharkattackfile.net/index.html>