

# The Impact of Online Dating on Racial Diversity

Visualization as Story  
Week 9

Paul Petit  
MIDS Cohort Fall 2018  
Audience: Lunch  
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# The Strength of Absent Ties: Social Integration via Online Dating

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## Abstract

We used to marry people to whom we were somehow connected. Since we were more connected to people similar to us, we were also likely to marry someone from our own race. However, online dating has changed this pattern; people who meet online tend to be complete strangers. We investigate the effects of those previously absent ties on the diversity of modern societies. We find that social integration occurs rapidly when a society benefits from new connections. Our analysis of state-level data on interracial marriage and broadband adoption (proxy for online dating) suggests that this integration process is significant and ongoing.

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# Once upon a time...



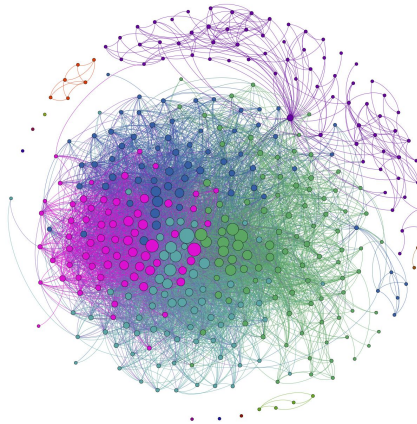


# And every day...

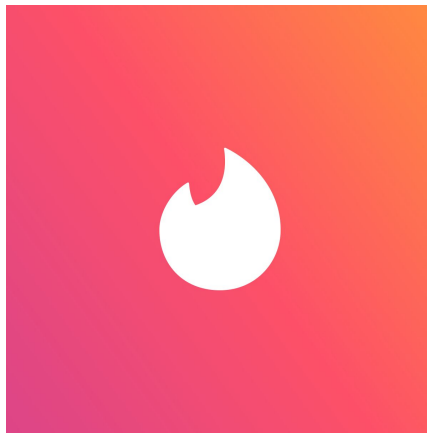




Until one day...



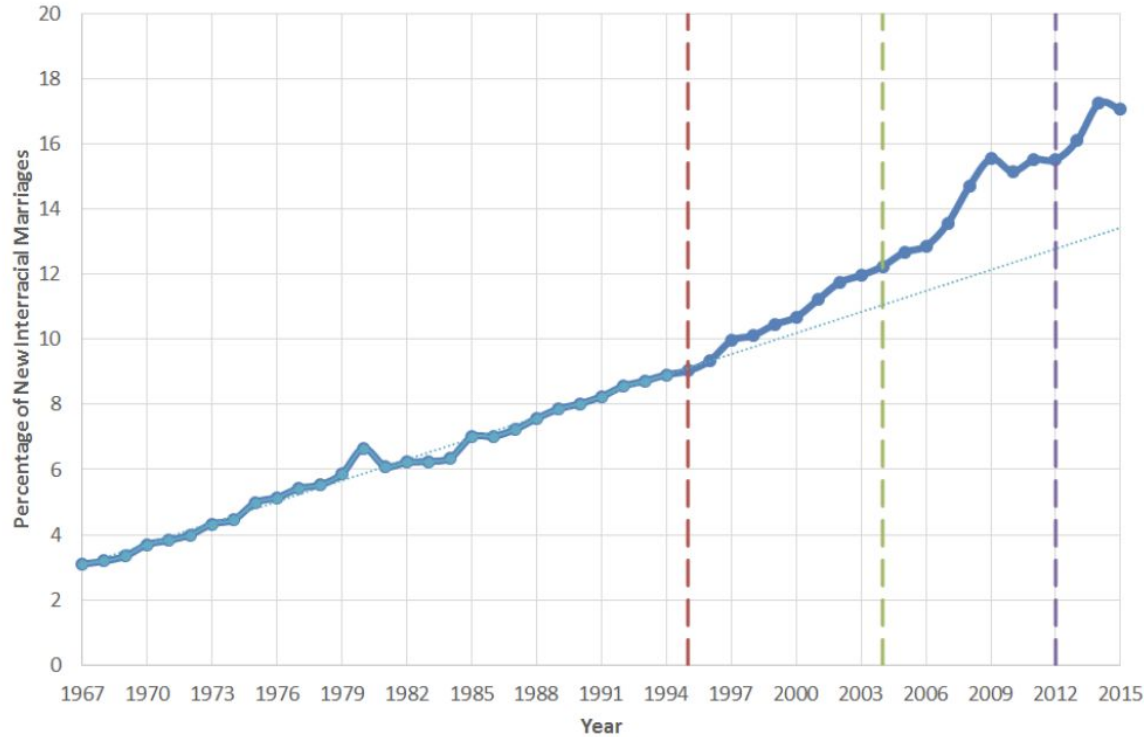
And because of this...



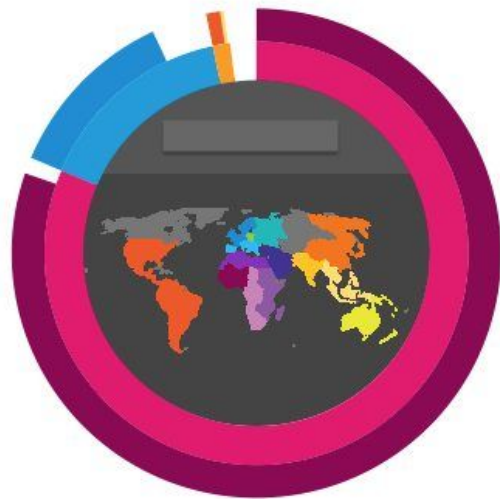
And because of this...



# Until finally...







Ancestry Composition tells you what percent of your DNA comes from each of 31 populations worldwide. The analysis includes DNA you received from all of your ancestors, on both sides of your family. The results reflect where your ancestors lived 500 years ago, before ocean-crossing ships and airplanes came on the scene.

81.4%	Sub-Saharan African
80.3%	West African
0.0%	East African
0.0%	Central & South African
1.1%	Nonspecific Sub-Saharan African
15.3%	European
11.7%	Northern European
0.0%	Southern European
0.0%	Eastern European
0.0%	Ashkenazi
3.6%	Nonspecific European
1.3%	East Asian & Native American
0.9%	Native American
0.3%	Southeast Asian
0.0%	East Asian
0.1%	Nonspecific East Asian & Native Am...
0.0%	Middle Eastern & North African
0.0%	Middle Eastern
0.0%	North African
0.0%	Nonspecific Middle Eastern & North ...
0.0%	South Asian
0.0%	Oceanian
2.0%	Unassigned



23andMe

And ever since that day...

# Citations

Primary research paper:

<https://arxiv.org/pdf/1709.10478.pdf>

Article about paper:

<https://www.forbes.com/sites/janetwburns/2017/10/25/theres-now-evidence-that-online-dating-causes-stronger-more-diverse-relationships/#5e30f64358bd>

Visuals in order:

- <https://www.earthtrekkers.com/10-days-in-italy-itinerary/>
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