

Why is sharing data with researchers so important?

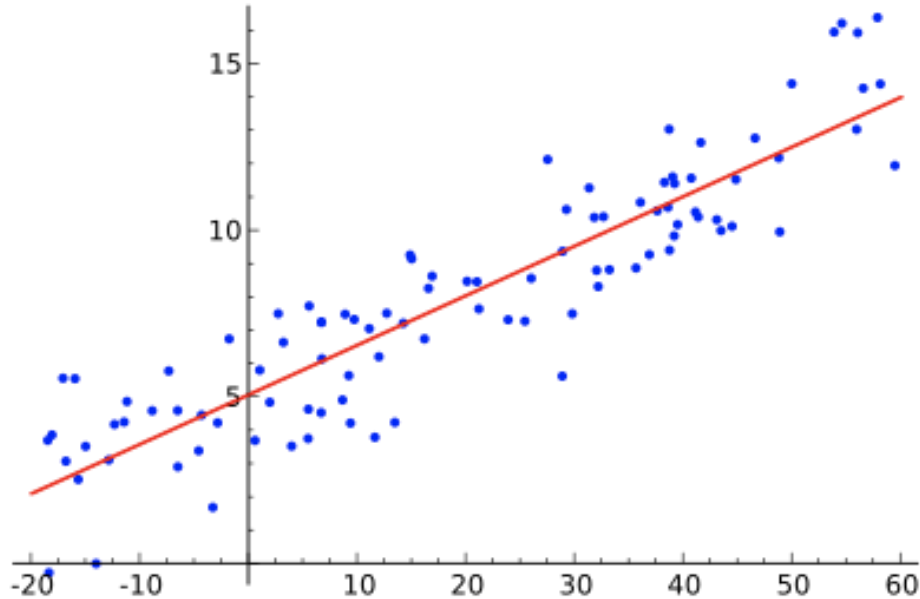
Orion Buske
@orionbuske



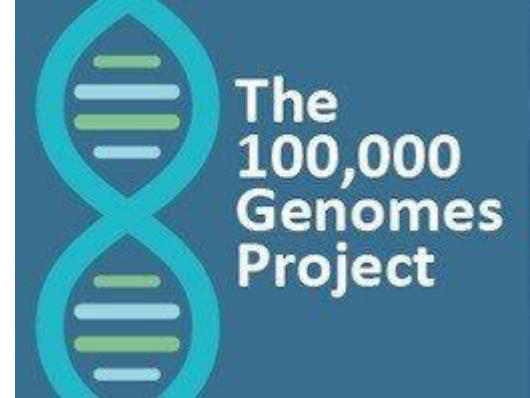
~~Why is sharing data with
researchers so important?~~

Why should **you** share
data with researchers?

1. Data powers scientific discovery



All*of***Us**
RESEARCH PROGRAM

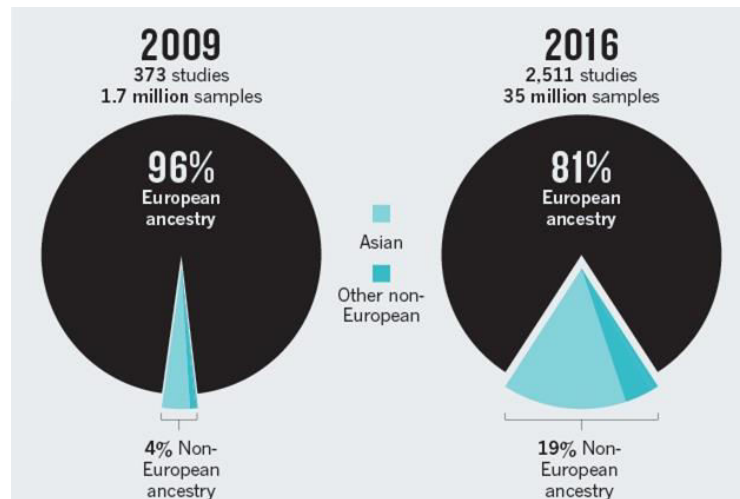


2. Ensure you are represented

Population Frequencies

Population	Allele Count	Allele Number	Number of Homozygotes	Allele Frequency
East Asian	0	18866	0	0.000
Latino	1	34420	0	0.00002905
South Asian	4	30782	0	0.0001299
African	4	24032	0	0.0001664
European (Finnish)	7	25794	0	0.0002714
European (Non-Finnish)	48	126682	0	0.0003789
Other	7	6462	0	0.001083
Ashkenazi Jewish*	135	10152	0	0.01330
Total	206	277190	0	0.0007432

Include: Exomes Genomes



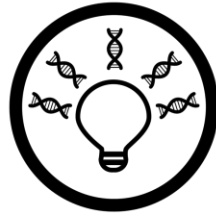
RESEARCH ARTICLE

HEALTH AFFAIRS > VOL. 37, NO. 5 : PRECISION MEDICINE

Lack Of Diversity In Genomic Databases Is A Barrier To Translating Precision Medicine Research Into Practice

Latrice G. Landry¹, Nadya Ali², David R. Williams³, Heidi L. Rehm⁴, and Vence L. Bonham⁵

3. Every single data point matters



Matchmaker
Exchange



The Resilience Project



Data is the fuel for discovery