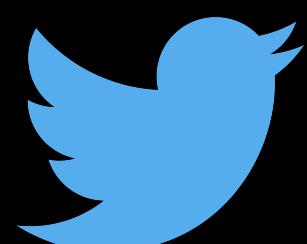


LOCATION DATA AND COMMUNITY

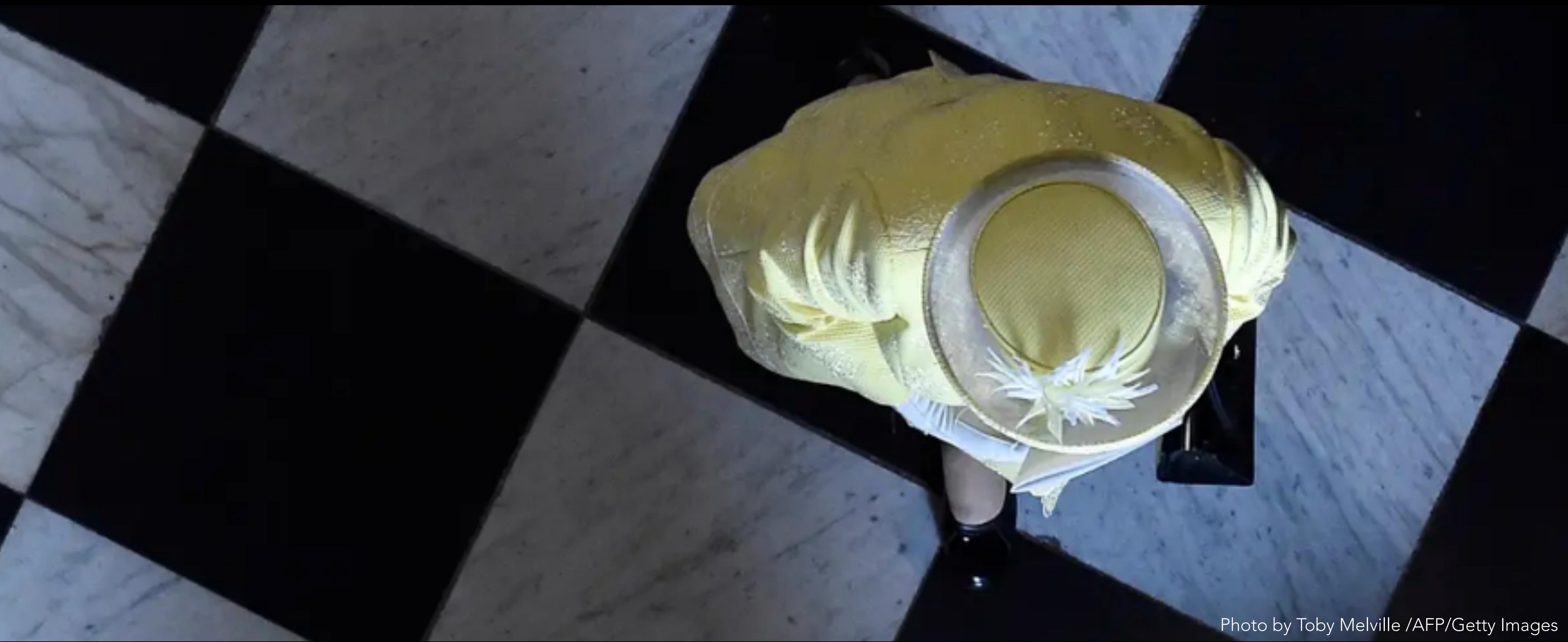
WHY IS COMMUNITY ESSENTIAL
TO LOCATION DATA?



@MegDoerr
@SageBio

GOOD OR BAD,

LOCATION DATA IS POWERFUL





LOCATION DATA TELLS ABOUT COMMUNITIES

- Location data implicates third parties
- Individual consent is not sufficient for collection/use of location data
 - Bystanders can't "opt out"
 - Ignores differential risk due to status hierarchies
- A focus on individual consent undermines community power

WHAT IS A “LOCATION DATA COMMUNITY”?

GIVEN THE Pervasiveness, Persistence, and Granularity
of location data, our definition must be **BROAD**



FEATURES OF LOCATION DATA COMMUNITIES

- May or may not be formally organized
- Community membership:
 - may be visible or invisible
 - may be chosen or imposed
- Often highly intersectional
 - May or may not include folks from a protected class or who have been stigmatized and/or marginalized



Photo by Anna Sullivan on Unsplash

LOCATION DATA COMMUNITY
EXAMPLES



Photo from Meg's neighbor

FOLKS WHO SHARE AN “ATTRIBUTE” THAT
IMPACTS THEIR LOCATION CHOICE OR
PLACEMENT



Photo by Yan Berthemy on Unsplash



Photo by Lisanto 李奕良 on Unsplash

FOLKS WHO SHARE AN “IDENTITY” THAT
IMPACTS THEIR LOCATION CHOICE OR
PLACEMENT

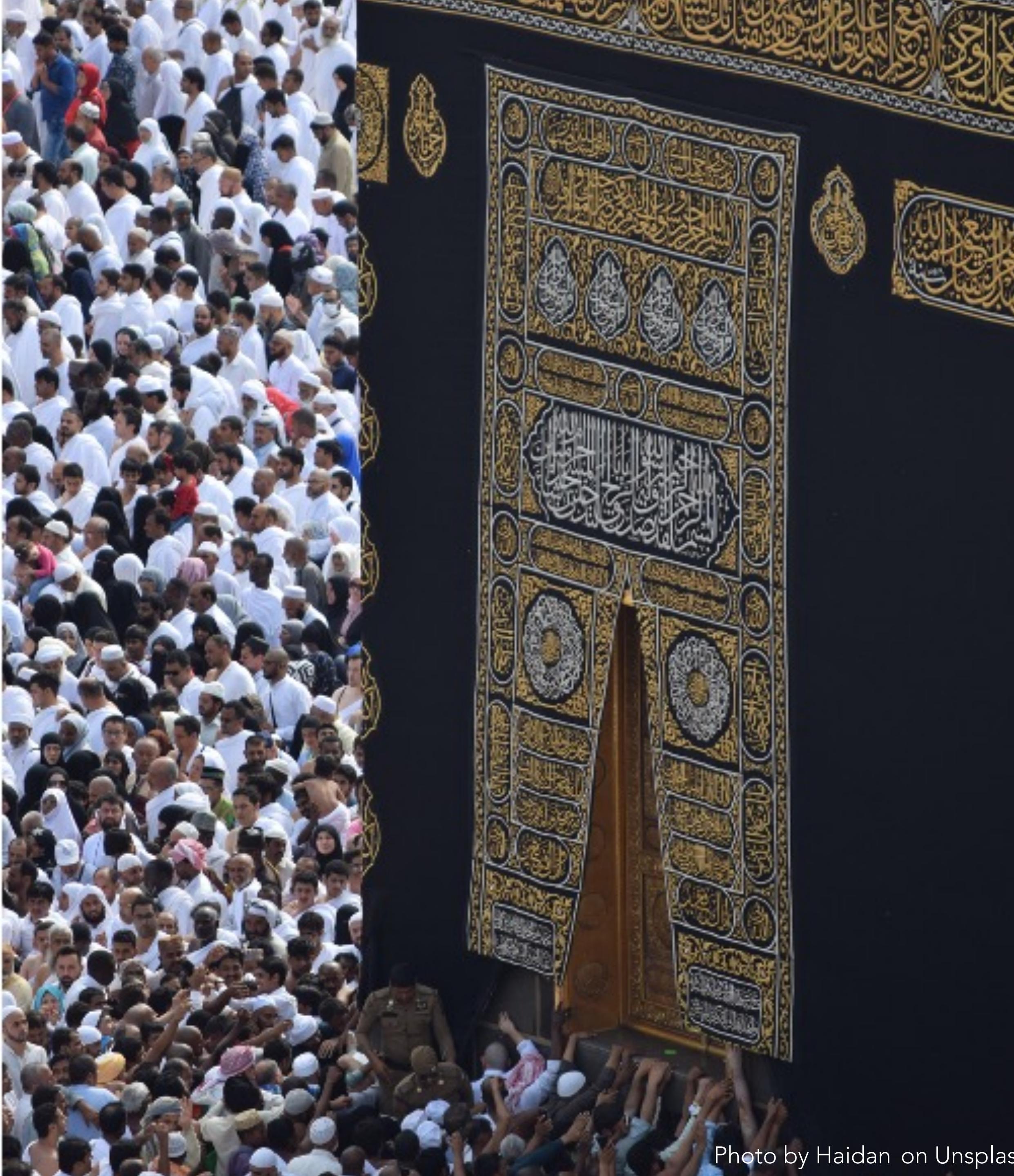


Photo by Haidan on Unsplash



Photo by Travis Wise, CC-2.0 via Encyclopædia Britannica

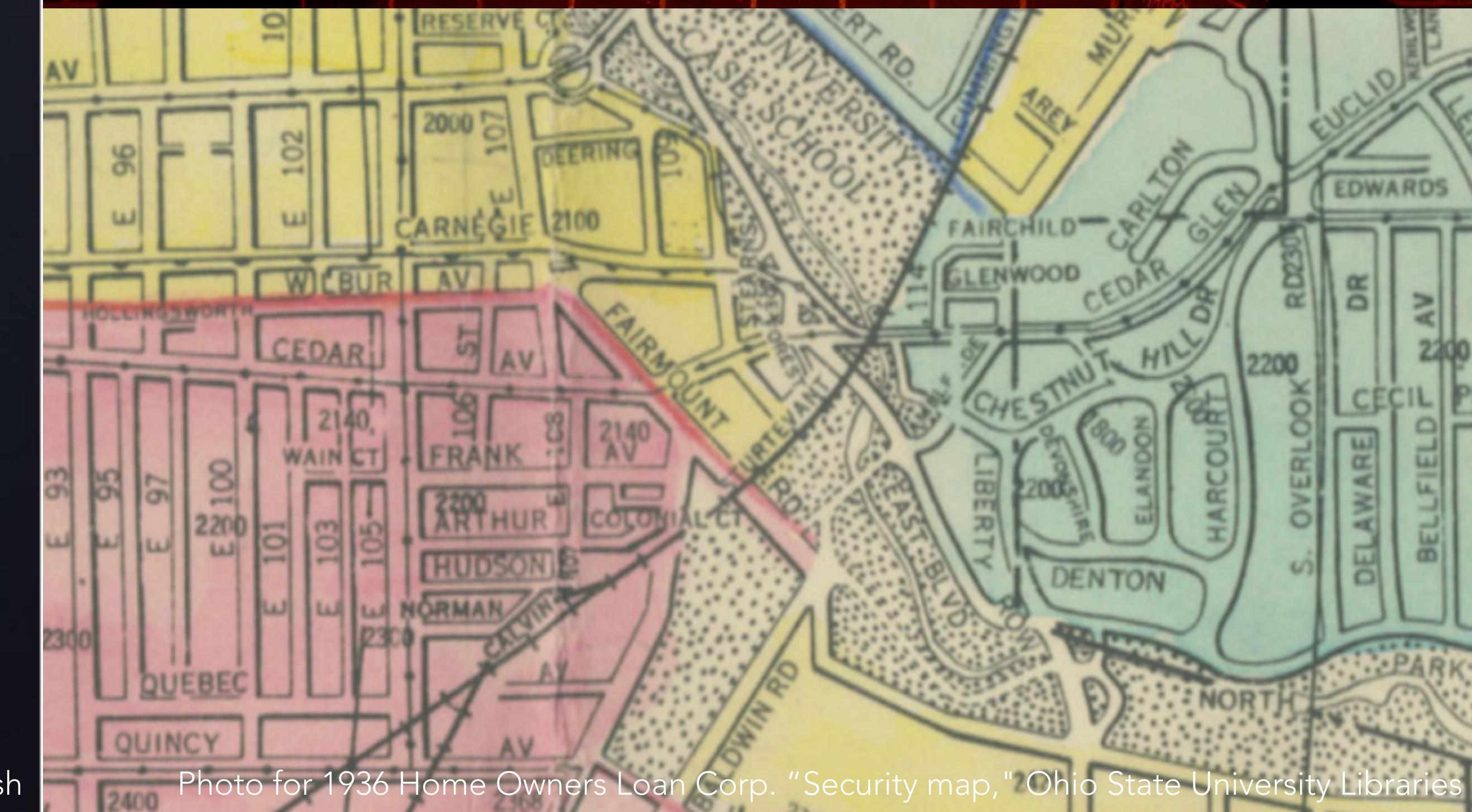


Photo for 1936 Home Owners Loan Corp. "Security map," Ohio State University Libraries

FOLKS WHO SHARE DIGITAL ATTRIBUTES/
IDENTITIES THAT MAY IMPACT THEIR LOCATION
CHOICE OR PLACEMENT

After Uvalde, social media monitoring apps struggle to justify surveillance

Critics say that mixed results have not vindicated potential privacy violations

By Corin Faife | @corintxt | May 31, 2022, 1:56pm EDT



Catholic Officials on Edge After Reports of Priests Using Grindr

A conservative Catholic media organization, The Pillar, has published several reports claiming the use of dating apps at several churches and the Vatican.



By Liam Stack

Published Aug. 20, 2021 Updated Oct. 14, 2021

The Washington Post
Democracy Dies in Darkness

Your phone could reveal if you've had an abortion

Internet searches, visits to clinics and period-tracking apps leave digital trails

By Geoffrey A. Fowler and Tatum Hunter

Updated May 4, 2022 at 5:25 p.m. EDT | Published May 4, 2022 at 1:31 p.m. EDT



HOW DO WE ENGAGE LOCATION
DATA COMMUNITIES?

BUILDING SOCIAL LICENSE FOR LOCATION DATA COLLECTION/USE

- Dispense with the theater of anonymity/data neutrality
- Develop and test templates for meaningful bidirectional/multidirectional governance of location data collection and use
- Use these inputs to inform targeted, specific policy recommendations



Photo by Edwin Andrade on Unsplash

BUILDING THE SOCIAL LICENSE FOR LOCATION DATA

- Dispense with the theater of anonymity/data neutrality
- Develop and test templates for meaningful bidirectional/multidirectional governance of location data collection and use
- Use these inputs to inform targeted, specific policy recommendations



EXTRA SLIDES

LOCATION DATA TELLS ABOUT COMMUNITIES

- Location data implicates third parties & bystanders can't "opt out"
- Individual consent is not sufficient for collection/use of location data
 - Ignores differential risk due to status hierarchies
 - Fractionation through a focus on individual consent undermines community power

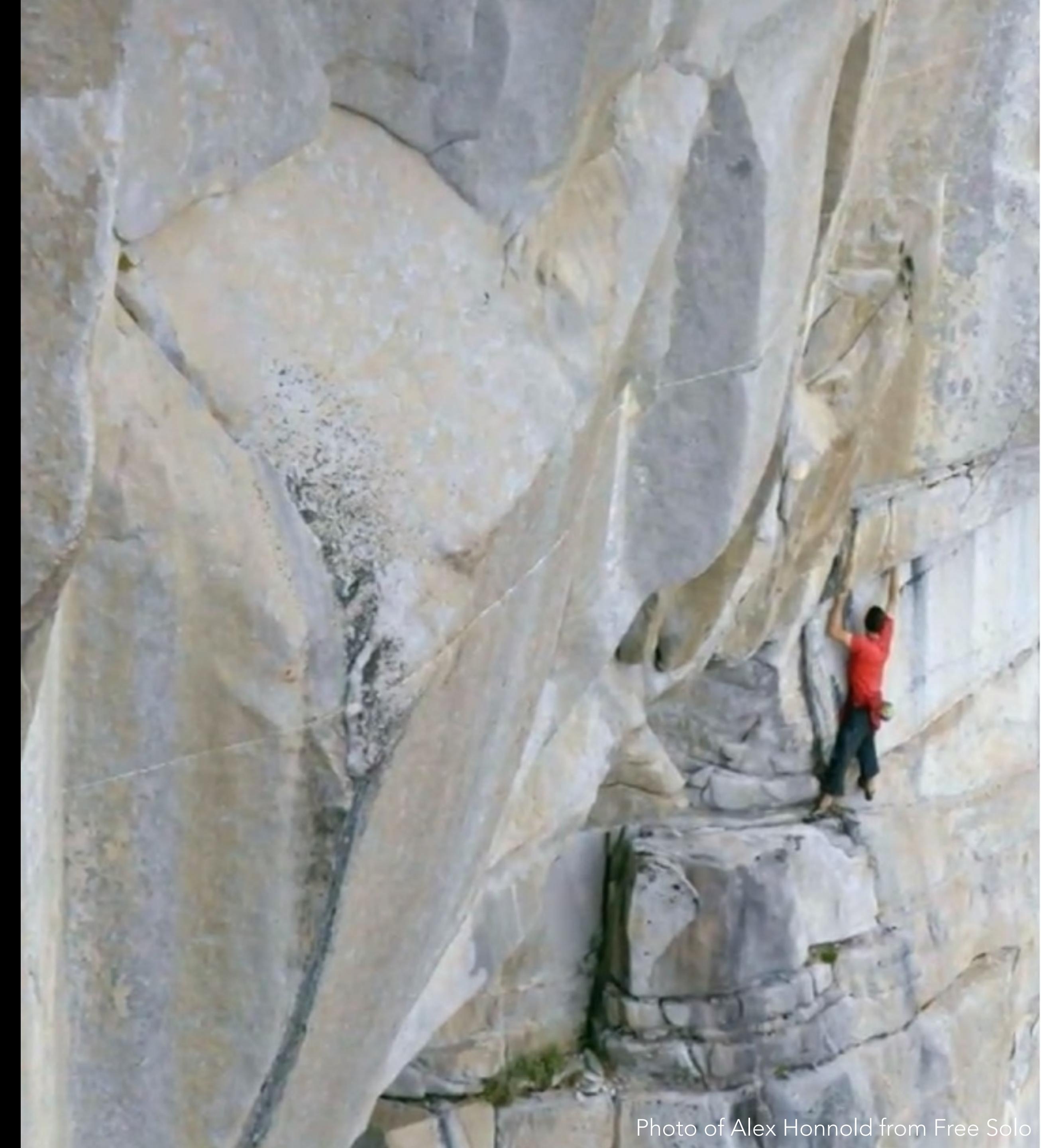


Photo of Alex Honnold from Free Solo