- Data Feminism's Introduction: Why data science needs feminism and Feminist data manifest-no
  - Understanding data
- Command line continues



"Much as Tom Wolfe did in The Right Staff...Shetterly moves greatfully between the women's lives and the broader sweep of history...Shetterly blends impressive research with an enormous amount of heart." —BOSTON GLOBE

THE #1 NEW YORK TIMES BESTSELLER

# HIDDEN FIGURES

THE AMERICAN DREAM AND THE UNTOLD STORY OF THE BLACK WOMEN MATHEMATICIANS WHO HELPED WIN THE SPACE RACE

MARGOT LEE SHETTERLY

P.S.













## Understanding *intersectionality*

- Coined by legal theorist Kimberlé Crenshaw in the late 1980s
- Not only describes the intersecting aspects of any particular person's identity (or positionalities, as they are sometimes termed) but also describes the *intersecting forces of privilege and oppression* at work in a given society
  - Oppression involves the *systematic mistreatment* of certain groups of people by other groups

## Understanding data feminism

- A way to think about data in its uses and its limits that is informed by *direct experience, a commitment to action,* and *intersectional feminist thought* 
  - Power is not equally distributed in the world
  - How does standard practices in data science reinforce existing inequalities?
  - How can data science challenge and change distribution of power?

### Understanding data

- Data as it was understood in the mid-17th century: Supplement terms such as evidence and fact
  - Converts debatable information into solid bases for subsequent claims
- But what information needs to become data before it can be trusted?
- Whose information needs to become data before it can be considered as fact and acted upon?



### = <u>PredPol?</u> (now known as Geolitica)

## In small groups of 4 - 5:

- How does the 2 reading shape our understanding of data?
  - What are the challenges and possibilities of data?
    - Provide some examples (e.g. PredPol's use of data; counter-mapping)