## Population distributions



|  | 1 | 1 | 1 | 200 |
| :--- | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 |  | 250 |
|  |  |  |  |  |

## Population distributions



## Unfortunately, we do not get to see this!

|  | 1 | 1 | 1 | 200 |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## Population distributions



## Unfortunately, we do not get to see this!

|  | 1 | 1 | 1 | 200 |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
Sample of
Boys
0

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

| 000 |
| :---: |
|  |  |


|  |  |  |  |
| :--- | :--- | :--- | :--- |
| 50 | 100 | 150 | 200 |
| Heights (cm) |  |  |  |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

Sample of
Girls

## (2) ©ex 0

| 1 | 1 | 1 |
| :---: | :---: | :---: |
| 50 | 100 | 150 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  |  |  |  | Sample of Girls |
| :---: | :---: | :---: | :---: | :---: |
| $\Gamma$ | 1 | 1 | 1 | $\square$ |
| 50 | 100 | 150 | 200 | 250 |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

Sample of
Boys


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

Sample of
Girls
(20x

|  | 1 | 1 | 2 | 250 |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |  |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)



|  | 1 | 1 | 2 | 250 |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |  |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of

| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
5

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of
Girls

| 1 | 1 | 1 |
| :---: | :---: | :---: |
| 50 | 100 | 150 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 |
| :---: | :---: | :---: |
| 50 | 100 | 150 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  | 1 | 1 | 2 | 250 |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |  |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  | $08 \square$ |  |  | Sample of Girls |
| :---: | :---: | :---: | :---: | :---: |
| $\Gamma$ | 1 | 1 | 1 | 7 |
| 50 | 100 | 150 | 200 | 250 |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of
Boys

Sample of
Girls

| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 2 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  | $000000000000000$ |  |  | Sample of Girls |
| :---: | :---: | :---: | :---: | :---: |
| $\Gamma$ | , | , | , | 7 |
| 50 | 100 | 150 | 200 | 250 |
|  |  | eight |  |  |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of Girls


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

|  |
| :---: |
|  |  |


|  | $000 \mathrm{G}$ |  |  | Sample of Girls |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| $\Gamma$ | 1 | 1 | 1 | $\square$ |
| 50 | 100 | 150 | 200 | 250 |
|  |  | eigh |  |  |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

|  |  |  |  | Sample of Boys |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  |  |  |  | Sample of Girls |
| $\Gamma$ | 1 | 1 | 1 | 7 |
| 50 | 100 | 150 | 200 | 250 |
|  |  | Heights |  |  |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 250 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of

| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 250 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  | 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: | :---: |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  | $00 \text { coque } 0$ |  |  | Sample of Girls |
| :---: | :---: | :---: | :---: | :---: |
| $\Gamma$ | 1 | 1 | 1 | $\square$ |
| 50 | 100 | 150 | 200 | 250 |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

$0 \quad 0 \quad$| Sample of |
| :---: |
| Boys |
| 0 |


|  | $\bigcirc \quad-\quad 008$ |  |  | Sample of Girls |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 1 | 1 | 1 | 7 |
| 50 | 100 | 150 | 200 | 250 |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of

| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

Sample of
Girls

| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Boys

Sample of
Girls

| $\Gamma$ | 1 | 1 | 1 | 7 |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 250 |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
51

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)



Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)



Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
(2)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)



Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  | 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: | :---: |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

## Sample of <br> Boys <br> 0 O2

Sample of
Girls


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of
めoc

| 1 | 1 | 1 |
| :---: | :---: | :---: |
| 50 | 100 | 150 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
Sample of
Boys

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  | $\infty \text { Q er ucce } 0$ |  |  | Sample of Girls |
| :---: | :---: | :---: | :---: | :---: |
| 「 | 1 | 1 | 1 | $\square$ |
| 50 | 100 | 150 | 200 | 250 |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 2 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

|  |  |  |  | Sample of Boys |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Sample of Girls 0 |
| $\Gamma$ | 1 | 1 | 1 | 7 |
| 50 | 100 | 150 | 200 | 250 |
|  |  | eight |  |  |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)



| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 250 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie) 0 0 (3) 0pesis0000 0

| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 250 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of
Girls

|  | 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: | :---: |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of
Boys

Sample of
Girls

| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

| $\bigcirc$ |  | 0 cepoo 0 |  | Sample of Boys o |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Sample of Girls |
| $\Gamma$ | 1 |  |  | 1 | 1 | 7 |
| 50 | 100 | 150 | 200 | 250 |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 250 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of
Girls
0000

| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Sample of Girls

| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 250 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 |
| :---: | :---: | :---: |
| 50 | 100 | 150 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 |
| :---: | :---: | :---: |
| 50 | 100 | 150 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

Sample of
Girls

| 1 | 1 | 1 |
| :---: | :---: | :---: |
| 50 | 100 | 150 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


|  | 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: | :---: |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)
50

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


| 1 | 1 | 1 | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 | 2 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

|  | $\bigcirc$ | $0$ |  | Sample of Boys <br> Sample of Girls |
| :---: | :---: | :---: | :---: | :---: |
|  |  | $00$ | $0 \quad 0$ |  |
|  | 1 | 1 | 1 | 7 |
| 50 | 100 | 150 | 200 | 250 |
|  |  | Heights |  |  |

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Boys

Sample of
Girls

| 1 | 1 | 1 | 250 |
| :---: | :---: | :---: | :---: |
| 50 | 100 | 150 | 200 |

Heights (cm)

Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)


Population distributions: The unseen world


## Plots for samples of size 30

(An investigator only gets to see one frame from this movie)

Boys

Sample of
Girls


