

# Lab 5: Birth Ratios

Fill in your full name

2025-10-22

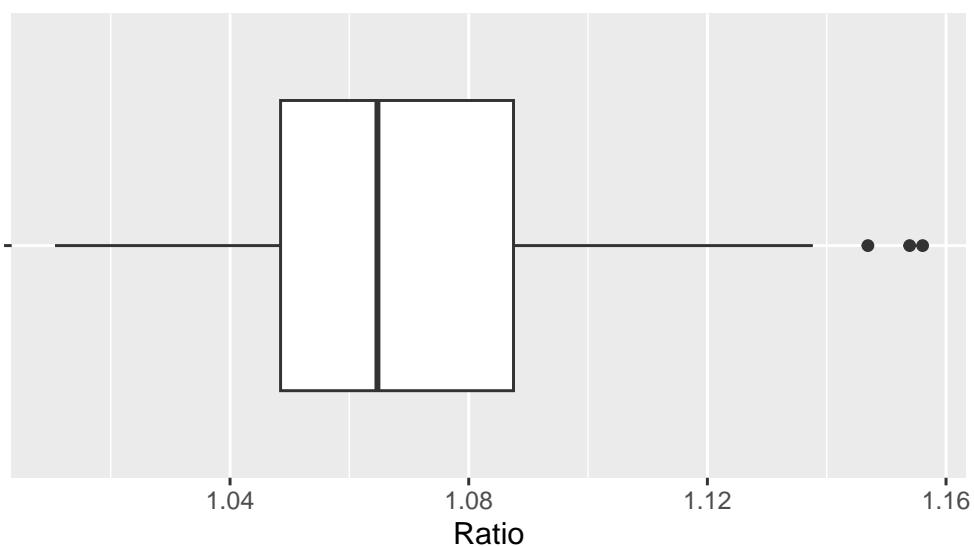
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## Visualizing and quantifying the distribution

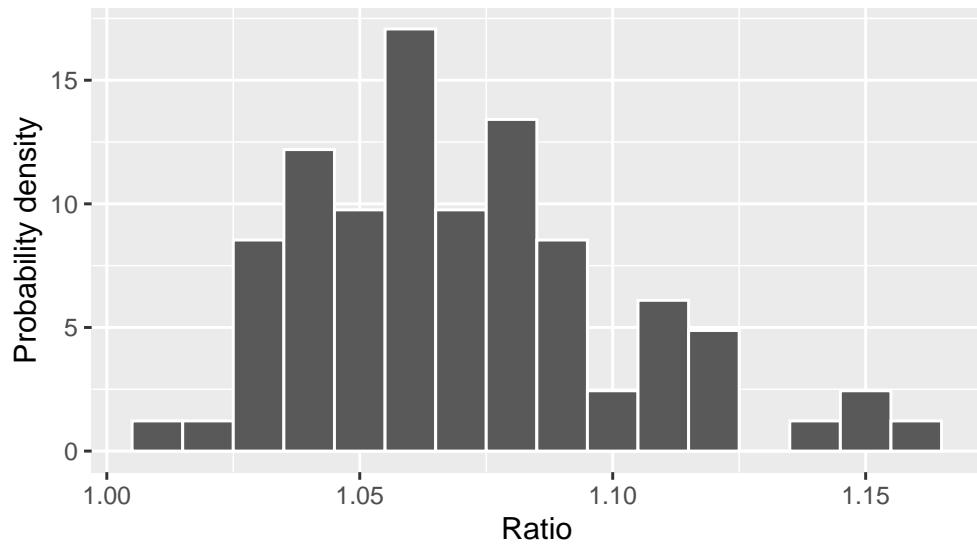
**Exercise 1**

**Exercise 2**

Arbuthnot birth ratio (Males/Females): Boxplot

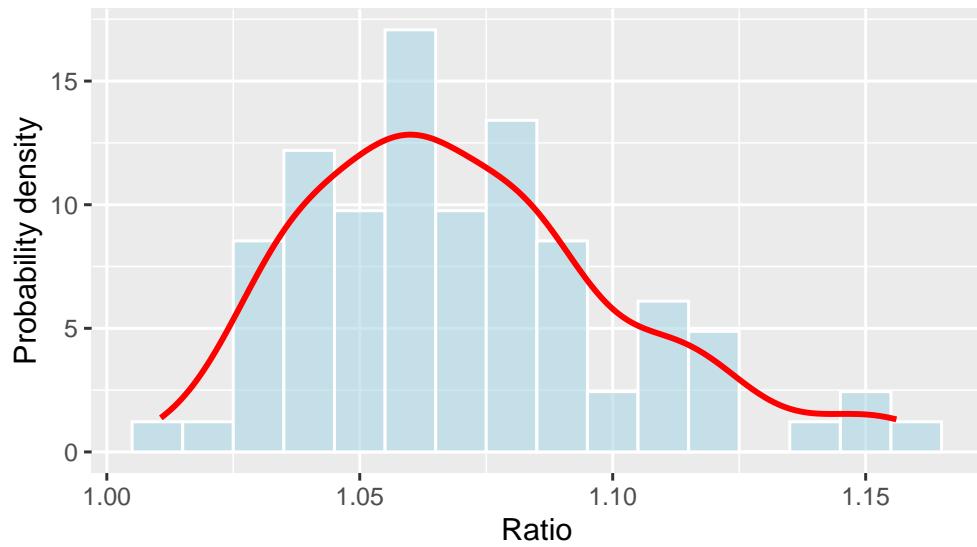


Arbuthnot birth ratio (Males/Females): PMF



**Exercise 3**

Arbuthnot birth ratio (Males/Females): PMF + Density



**Exercise 4**

mean	median	sd	iqr	min	max
1.070748	1.064704	0.0312537	0.0390408	1.010673	1.156075

**inferring a trend**

**Exercise 5**

**Exercise 6**