

## Week 6 Report

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This project uses data from the CDC and includes two variables: distance from lead smelter to the subject's home (near =  $\leq 1$  mile, far =  $> 1$  mile) and IQ score. **Figure 1** depicts the distributions of IQ scores for those living near and those living far from the smelter, though it is difficult to see the distributions because of one individual with a much higher IQ than the others. I am pretending to not notice this for the first commit.

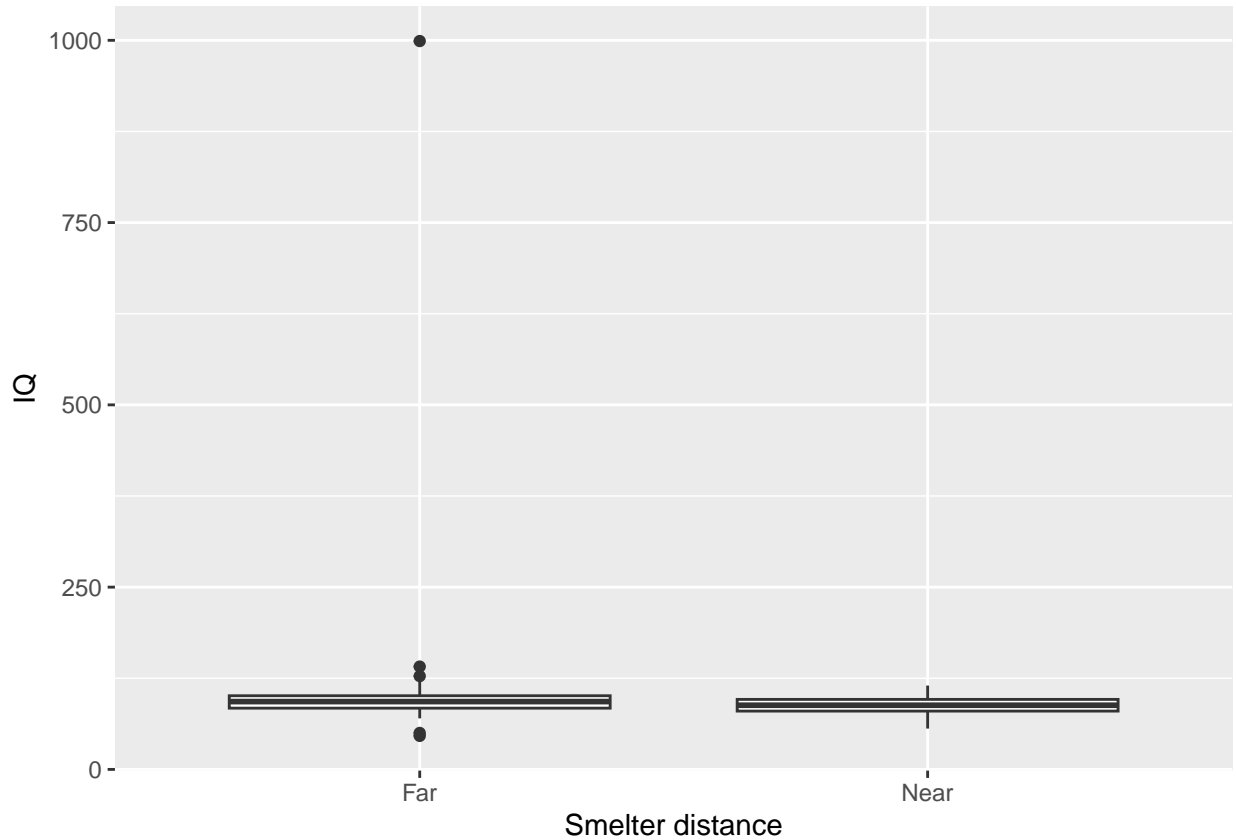


Figure 1: Distribution of IQ score by distance from lead smelter

**Table 1** presents summary statistics of IQ scores by proximity to the lead smelter. Those living near the smelter had a mean IQ of 89.19 (SD: 12.17) and those living far had a mean IQ of 106.12 (SD: 111.88).

Table 1: Summary statistics of IQ scores by proximity to lead smelter

Smelter location	n	Mean	Median	SD
Far	67	106.12	93	111.88
Near	57	89.19	88	12.17