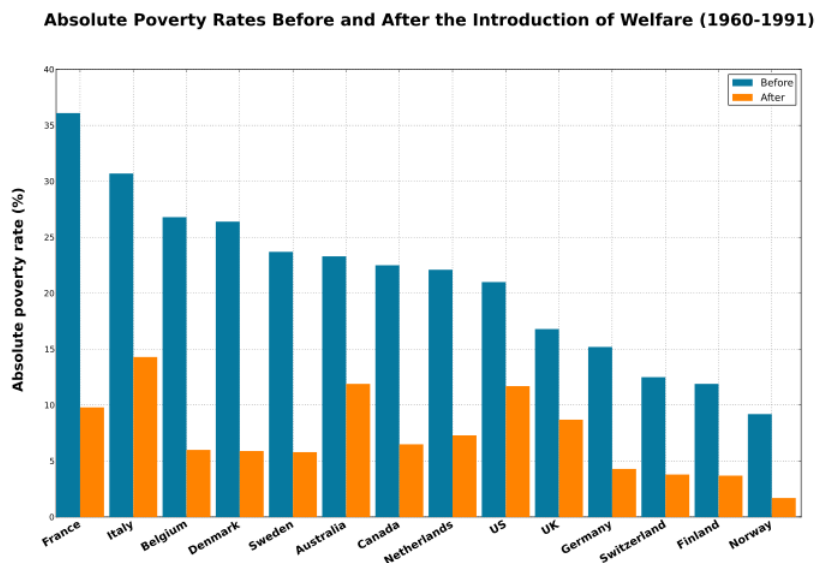


10.21: Introduction to Hypothesis Test for a Population Mean

What you'll learn to do: Conduct and interpret results from a hypothesis test about a population mean.

In this section we will learn to conduct a hypothesis test about a population mean and state a conclusion in context under appropriate conditions. Matched pairs design is when there is a “before and after” situation i.e. two quantitative measurements from a single sample of individuals. We will also learn, under appropriate conditions, to conduct a hypothesis test about a mean for a matched pairs design and state a conclusion in context. We will also interpret the P-value as a conditional probability.



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