Regression Discontinuity Design: An Environmental Economics Application

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This presentation provides a graphical introduction to Regression Discontinuity Design (RDD) using an example of how it can be applied to environmental policy research.
Discontinuity: Raw Manuf. Emp.
Discontinuity: Manuf. Emp. w/ Pop.
Concern: Selection at the Threshold

Kernel density estimate

kernel = epanechnikov, bandwidth = 1.6866
Sharp RDD
Fuzzy RDD