

## Case Study 1

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## Case Discussion

- ▶ Data obtained from a subset of women enrolled in the CPP during pregnancy
- ▶ Data issues: uncertainty, inflation, and missingness

**Goal:** Assess how exposure to DDE and PCBs relates to the risk of premature delivery

Graph?

# Exploratory Data Analysis

# Analysis

- ▶ Keep obs with Gest. Age 44 or less
- ▶ Categorize Gest. Age to assess risks of pre-term births of varying severity
- ▶ Impute score data with MICE
- ▶ Remove obs with missing PCE, DDE

# Results

# Discussion