

### Midterm Key Concepts

Unit homogeneity  
Endogeneity  
Random Assignment  
Random Sample  
Experiment  
Treatment  
Confounders  
Mean  
Variance  
Standard Deviation  
Standard Error  
Diff-in-Diff  
Hypothesis Test  
Null Hypothesis  
Counterfactual  
Confidence Interval  
P-value  
T-statistic  
Dummy Variable  
Categorical Variable  
Continuous Variable  
Dependent Variable  
Explanatory Variable  
Gauss Markov Assumptions  
Population Regression Function  
Sample Regression Function  
Error  
Residual  
Bias  
Efficiency  
Sampling Distribution of the OLS Estimator  
Predicted Value  
Standard Error of the Regression  
Mean Independence  
Selection Bias  
Multicollinearity  
Omitted Variable Bias  
Marginal Effect