

## Checklist for ECON 4230/5230 Research Projects

Check ✓	Item
	<ul style="list-style-type: none"><li>• Need one dependent variable (Y) and at least two independent variables (X's)</li></ul>
	<ul style="list-style-type: none"><li>• Need at least 25 observations (<math>N \geq 25</math>)</li></ul>
	<ul style="list-style-type: none"><li>• Table of variable definitions and descriptive statistics</li></ul>
	<ul style="list-style-type: none"><li>• Correct functional form (default is linear) &amp; Ramsey RESET</li></ul>
	<ul style="list-style-type: none"><li>• Predicted signs of coefficients with explanation</li></ul>
	<ul style="list-style-type: none"><li>• Multicollinearity is not too severe</li></ul>
	<ul style="list-style-type: none"><li>• Endogeneity: X causes Y, Y doesn't cause X</li></ul>
	<ul style="list-style-type: none"><li>• Heteroscedasticity (cross-sectional data)</li></ul>
	<ul style="list-style-type: none"><li>• Autocorrelation (time-series data)</li></ul>
	<ul style="list-style-type: none"><li>• Hypothesis testing for coefficients (consistent with predicted signs)</li></ul>
	<ul style="list-style-type: none"><li>• Main hypothesis: economic significance and partial regression plot</li></ul>
	<ul style="list-style-type: none"><li>• Significance of project &amp; findings: Who cares? Why does it matter?</li></ul>