Term-Project Presentations and Course Wrap-Up

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ECO 351 – Introduction to Econometrics

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Help the class understand your economic question

- Start with the question and why it matters.
- Define the observational unit, outcome and focal regressor.
- Show the evidence that answers your question.
- Explain the strongest conclusion your comparison can support.

As listeners, follow the comparison from the data to the conclusion.

Make the model answer the stated question

Use your project's own equation and label it clearly.

Example structure for a population model

$$Y_i = \beta_0 + \beta_1 X_i + \beta_2 C_i + u_i.$$

Define Y, X and the included control C in words and units. Identify the comparison represented by β_1.

When displaying an estimated equation, use hats for fitted coefficients and explain the relevant change in X.

Describe whether your intended conclusion concerns association, prediction or a causal response.

Give the figure and estimate a clear job

Show one informative figure and the main estimate.

- Define the axes, groups, sample and units.
- Explain the pattern the audience should examine.
- Translate the estimate into a meaningful change in the outcome.
- Report uncertainty for the quantity you interpret.

Connect each item to your economic question. Explain what changed in the comparison when you show an extended specification.

Ask a question that can improve the interpretation

Choose a question tied to what the presenter showed.

What needs clarification?	A specific question to ask
Comparison	Which observations or within-unit changes support the estimate?
Units	What outcome change follows from the regressor increment you discuss?
Causal claim	What omitted common cause could influence this comparison?
Model check	Which assumption does the extra specification help assess?

Project presentations

Question	What do you want to learn?
Comparison	What variation does the model use?
Evidence	What do the figure and estimate show?
Interpretation	What conclusion is justified?
Discussion	What would you like the class to consider?

Give the presenter a usable response

After a presentation, offer two short comments.

What became clear

"Your comparison shows . . . , measured in . . . ."

What would help next

"To interpret . . . , I would like to know . . . , because . . . ."

The presenter can clarify the result, qualify the claim or identify the evidence needed to resolve the question.

What did the projects teach us about doing econometrics?

Think of a specific presentation from today.

1. Which definition, figure or question made its conclusion clearer?
2. What did a model check reveal about the comparison?
3. What evidence would make you more confident in its interpretation?

Complete one sentence: "I would now explain my main result differently by ...."