Milestone 4

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This is my Milestone 4 PDF.[1]

For this PDF, I am using historical data from the Food and Agriculture Organizatio (FAO).

Here is a table, made with GTSummary, summarizing Indonesia's performance on subset of the variables in this dataset:

Characteristic	**N = 57**[1]
Emissions (C02eq) from Agricultural Energy	2.17 (2.95)
Agriculture value added per worker (constant 2005 US$)	0.015 (0.011)
Employment in agriculture	0.75 (0.55)
Cropland	31773 (8465)
Land under permanent crops	0.37 (0.09)
Pesticide Use	0.021 (0.025)
Agricultural tractors	0.06 (0.07)
Nutrient nitrogen N (total)	0.0004 (0.0006)
Nutrient phosphate P2O5 (total)	0.0001 (0.0001)
Nutrient potash K2O (total)	0.0001 (0.0003)
Export Value	7992798 (11594168)
Import Value	4099350 (5299153)
Trade Balance	2.04 (1.16)

[1]Statistics presented: mean (SD)

And for a regression table, I decided to regress agricultural emissions on cropland, export value, pesticide use, tractors, and fertilizers.

Characteristic	**Beta**	**95% CI**[1]	**p-value**
Cropland	0.00	0.00, 0.00	0.7
'Pesticide Use'	-227	-1144, 690	0.6
'Land under permanent crops'	12	1.3, 23	0.034
'Export Value'	0.00	0.00, 0.00	0.037
'Trade Balance'	-0.27	-1.0, 0.47	0.4
'Agriculture value added per worker (constant 2005 US$)'	217	-23, 457	0.068

[1]CI = Confidence Interval

[1]* The repo for my project can be found here

References

Agrawal, A. 2001. "Common Property Institutions and Sustainable Governance of Resources." *World Development*, no. 29: 1649–1672.

L.J. Alston, R. Schneider, G.D. Libecap. 1996. "The Determinants and Impact of Property Rights: Land Titles on the Brazilian Frontier." *Journal of Law, Economics, & Organization*, no. 12: 25–61.