# Theory of Regulatory Compliance Alternate Paradigm

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Research Institute for Key Indicators Data Laboratory
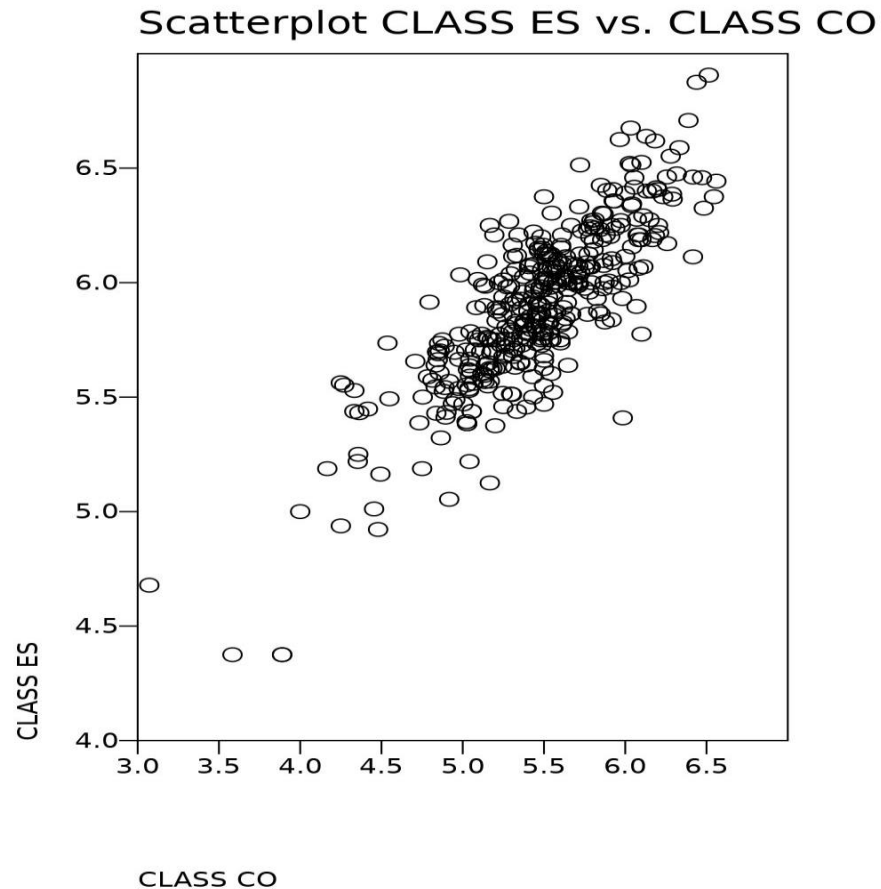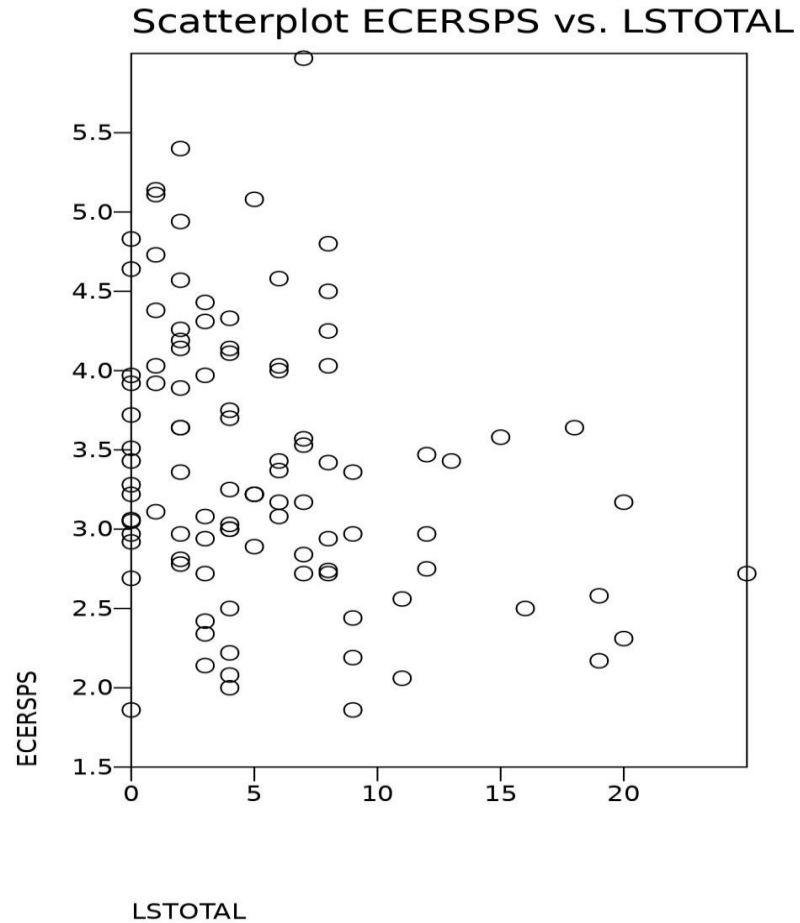
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# Prevailing Paradigm: Linear Relationship


Scatterplot CLASS ES vs. CLASS CO

# The Empirical Evidence



Scatterplot ECERSPS vs. LSTOTAL

# Transform the Data from A Nominal to Ordinal Metric

| RCS | Definitions/Levels | Rule Violations |
|---|---|---|
| 7 | Full 100% Compliance | 0 Violations |
| 5 | Substantial Compliance | 1-3 Violations |
| 3 | Mediocre Compliance | 4-9 Violations |
| 1 | Low/Non-Optimal Compliance | 10+ Violations |

Regulatory Compliance Scale (RCS)(Fiene, 2022)

PennState

# Hidden Patterns: Deep Structure, Diminishing Returns



Scatterplot ECERSPS vs. RCS
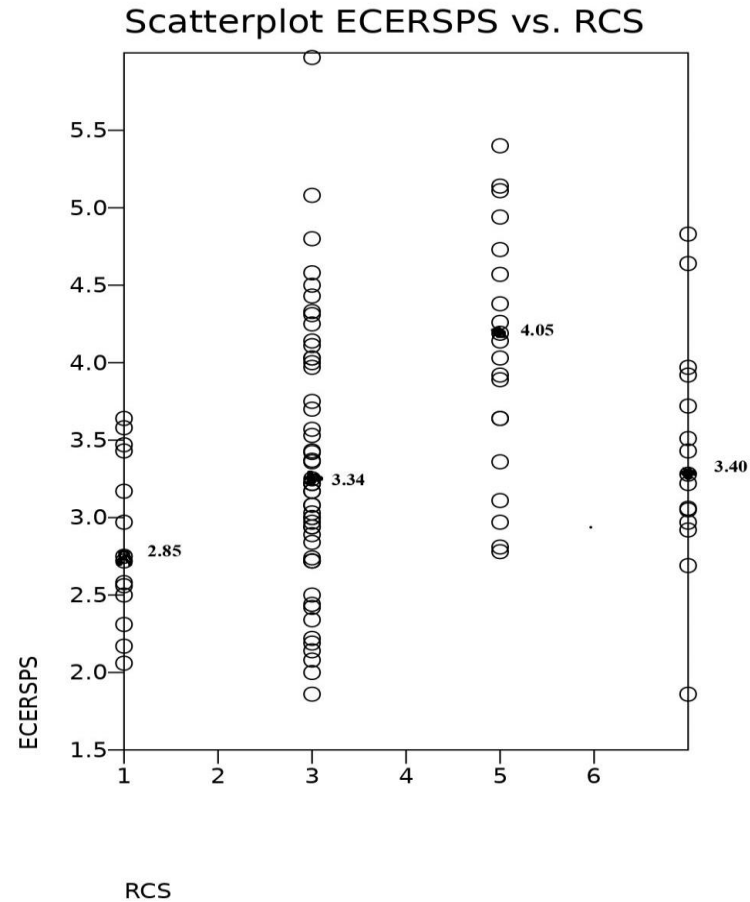
REGULATORY COMPLIANCE LAW OF DIMINISHING RETURNS
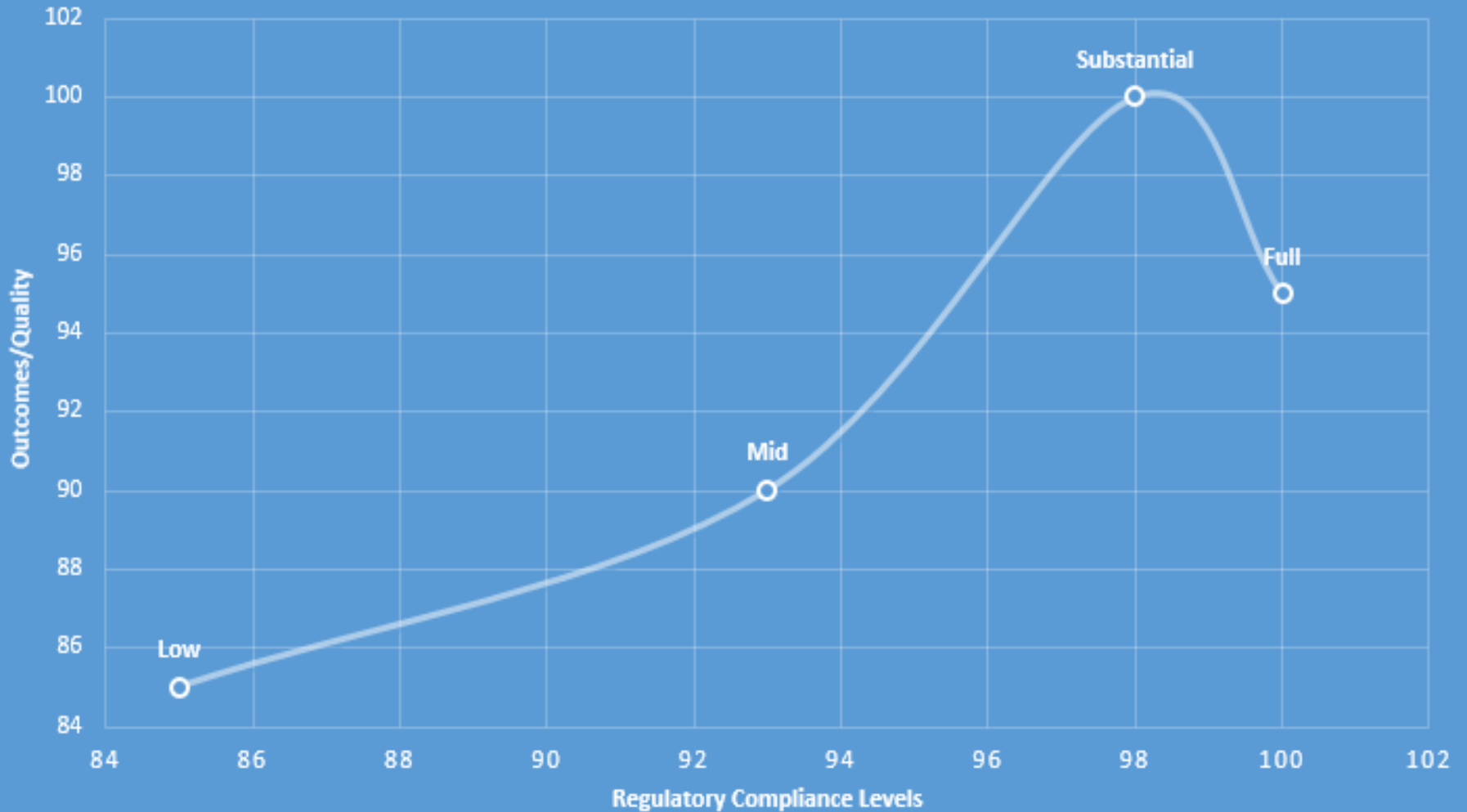
# For Additional Information:

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