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VOLUME 4

State of Software Security Report

The Intractable Problem of Insecure Software

December 7, 2011

<http://veracode.com/reports>

Now Including
Mobile App Data!
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Statistical Methods

- Standard descriptive statistics
- Linear regression
- Analysis of variance models (fixed effects)
- Clustering models
- T-tests
- Correlation and covariance models
- Power analysis



Future Directions / Challenges

- Increasing granularity of data capture
- Identifying self-reporting errors programmatically (?)
- Capturing application security process
- Correlating analysis data with process data

