The Life Event Survey Tool

David A York

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The Investment

The Project intends to provide both a client friendly data collection platform and a tool for database maintenance, manipulation and analysis.

- ▶ The Client-user facing part is a clear and simple survey taker and feedback application
- ▶ The How-tos for both client-user and investigator-user are concise and complete and integrated smoothly with the tool
- ▶ The complete tool collects, provides client feed back and outcome follow-up. As well the collected data are stored in simple comma-separated format which can be sent to the investigator site for study.
- ▶ simple view and analysis of the insitu data is provided by the tool and it's integrity can be assured.

The Tool

- ▶ The tool is a complete data input, storage, analysis and maintenance application.
- ▶ The tool is secure when deployed,
- ▶ potential identifying data are encrypted
- ▶ data can only be sent to a preselected addresses

eg. **A Simple Summary**

```
## Warning in formatC(x = structure(c(16831, 16831, 16831,
## 16831: class of 'x' was discarded

## % latex table generated in R 3.2.3 by xtable 1.8-0 packa
## % Sat Jan 16 08:38:39 2016
## \begin{table}[ht]
## \centering
## \begin{tabular}{rlrlllr}
##   \hline
## & refNo & collectDate & subjEmail & threeZip & ageRange
##   \hline
```
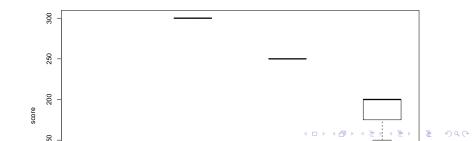
Other Simple Reports

```
##  ageRange      score
##  17:1     Min.    : 60.0
##  20:1     1st Qu.:100.0
##  30:1     Median :150.0
##  40:1     Mean   :162.2
##  50:1     3rd Qu.:200.0
##  60:1     Max.   :300.0
##  65:3
```

The Payoff

- Client-users have an easy survey to complete with immediate risk feedback as reward
- Survey collected unattended, 24x7
- Secure and confidential
- The application communicates, on demand, with the investigator, off site, to allow more complex analysis, presentation and ultimate publication.