

| <i>Objective</i>                                  | <i>Functions Introduced</i>                                  | <i>Author or Source</i>   |
|---|--|---|
| Analyzing correlation                             | wtd.cor {weights}<br>cbind {base}                            | Josh Pasek <sup>1</sup><br>R Development Core Team <sup>2</sup>                           |
| Estimating linear regression models               | lm {stats}<br>summary {base}<br>relevel {stats}              | R Development Core Team<br>R Development Core Team<br>R Development Core Team             |
| Conducting regression analysis with weighted data | svyglm {survey}<br>svyglm.fit {rcompanion}<br>update {stats} | Thomas Lumley <sup>3</sup><br>Philip Pollock and Barry Edwards<br>R Development Core Team |