

The following is the list of features and enhancements along with the corresponding timeline. This is a product roadmap plan which is subjected to change without notice.

August 2021 Update

1. Support for the compute dialog in BlueSky Statistics 10
2. Support for model scoring in BlueSky Statistics 10
3. Effect sizes: Cohen's d, Hedge's g, and Glass's delta is produced for various t-tests, as well as confidence intervals. Small sample size corrections are also provided. Additionally, eta squared, partial eta squared, and omega squared is produced for ANOVA models. These effect sizes utilize Ben-Shachar's effectsize package.

September 2021 Update

1. Enhance reproducibility
2. Repeated Measures ANOVA
 - a. Traditional repeated measures ANOVA feature that assumes sphericity, as well as provides sphericity testing (i.e., Mauchley), Greenhouse-Geisser adjustment, and Huynh-Feldt adjustment.
 - b. Create a factorial repeated measures design incorporating either additional between or within subject factors (i.e., the mixed-effects ANOVA).
 - c. Simple effect comparisons for our factorial models as well as the post-hoc tests that do not assume independence of observations and generate related plots.

November 2021 Update

1. Structural Equation Modeling (SEM)
 - a. A GUI-driven SEM facility using the lavaan package.
 - b. Estimate single and multilevel SEM using a variety of estimation techniques (e.g., ML, MLR, WLSMV, etc.), and to handle both continuous and categorical variables.
 - c. SEM models addressed will be confirmatory factor analysis, path analysis, and latent variable path modeling.
 - d. We will generate lavaan syntax for users so they might apply algebraic constraints.
2. Multiple imputation (MICE, Ameilia)