Technology Facilitated Collaboration

From a statistician's point of view

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A Statistician Works Collaboratively









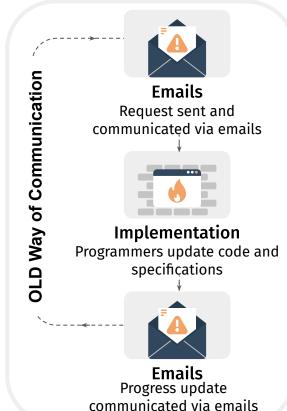


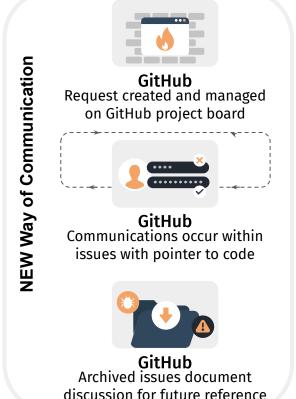




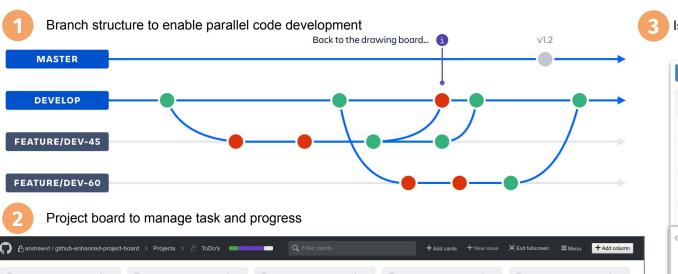
Collaboration with Programmers

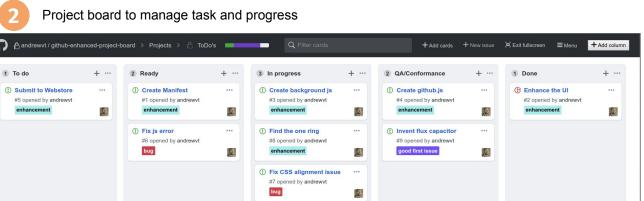




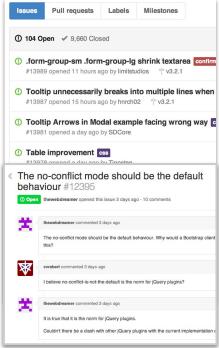


An Example: GitHub Workflow





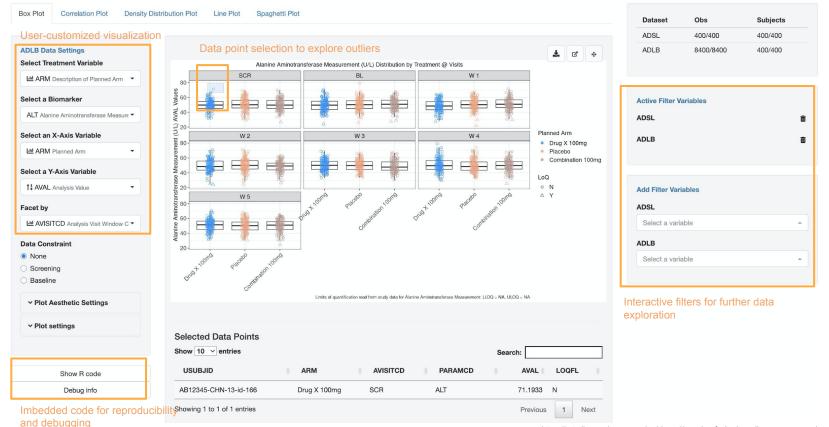
Issue to track and document discussion



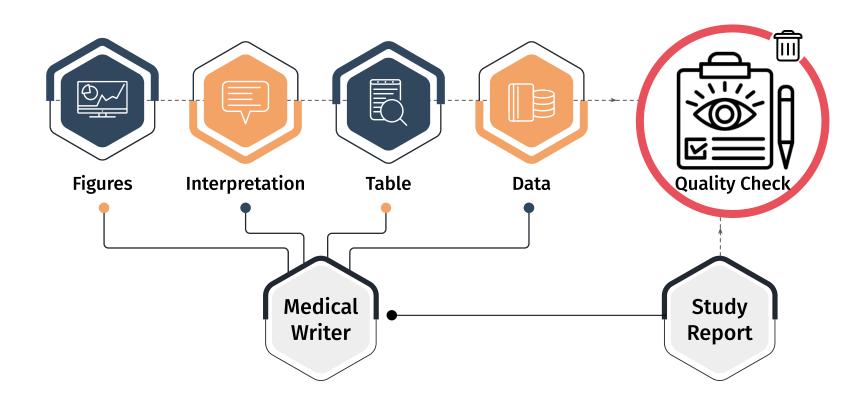
Collaborations with Scientists



An Example: Interactive Output Interface

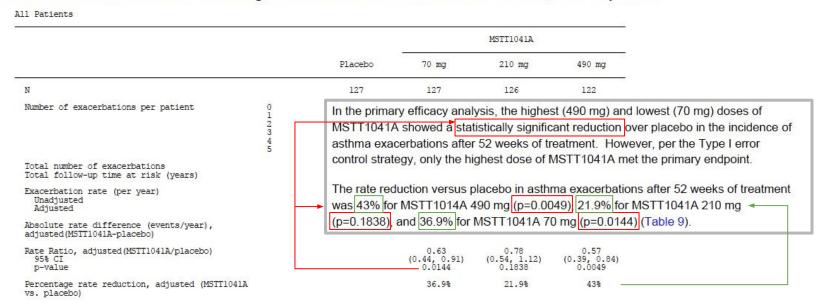


Collaborations with Medical Writers



An Example: Data-Dependent Writing

Table 9 Asthma Exacerbations During the 52-Week Double-Blind Treatment Period, mITT Population



Adjusted exacerbation rates and rate ratio are estimated from a Poisson regression model with over-dispersion adjusted for the following covariates and log(patient time at risk) as offset term: eosinophil level at visit 1 (<150, >=150 to <300, >=300 cells/ul), number of asthma exacerbations requiring the use of systemic conticosteroids within the 12 months prior to the study entry (1-2, >=3 events), total daily ICS dose at visit 1 (< 1000µg, >= 1000 µg of fluticasone propionate or equivalent), and geographic region (North America, Latin America, Central and Eastern Europe, Western Europe and Rest of World).