

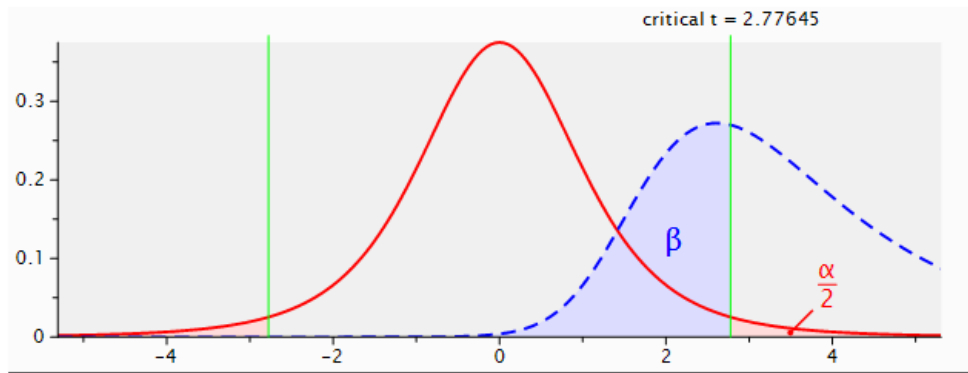


Fig. S1: Power analysis was performed using G*Power v3.1.9.7. The plot illustrates the central and noncentral t-distributions, critical t value, and corresponding α and β error probabilities for two sample 't' test of $n_1=n_2= 3$ with statistical significance of 0.05. The result indicates a post-hoc statistical power of approximately 0.62, reflecting a moderate ability to detect the specified effect size under the given parameters.