Evaluation of the effectiveness of the FOCUS ADHD App in monitoring adults with attention-deficit/hyperactivity disorder

Statistical analysis

The final analyzed sample comprised all participants with available data in at least one of the primary outcomes, namely, treatment adherence, knowledge of ADHD, or quality of the App. All analyses were performed using JAMOVI software (Version 2.3) [1]. Mean, standard deviation, and absolute and relative frequencies were used to describe the sample. Normality tests and distribution techniques were used to explore quantitative distribution variables. Categorical data were analyzed using X2 and Fisher exact tests. The t-Student or U-Mann–Whitney test was applied to compare the effect of the discount incentive on the App + Discount Group compared to the App Group. An ANOVA or Kruskal Wallis test was used to compare the three groups, and post hoc analyses with Holm's correction were performed for multiple pairwise comparisons. To study the between-subjects factor (Group) and within-subject factor (Time), we performed a repeated measure two-way ANOVA including the interaction term. Finally, we used Spearman's correlation analysis to evaluate the association between quantitative variables. The threshold for statistically significant effects was set at 5% ($p \leq 0.05$).

[1]. The jamovi project. jamovi. Version 2.3 [Computer software]. 2022. Available from: https://www.jamovi.org.