This folder* contains material related to the execution and analysis of an experiment that compares two techniques of content generation, RCG (Reuse Content Generation) and PCT (Procedural Content Generation) in the context of video game context.

The material in this folder is organized in two subfolders: 01_EXPERIMENT, which contains the artifacts used to execute the experiment and 02_STATISTICAL ANALYSIS, which contains the data set and the results of the statistical analysis performed.

The documentation contained in each of these folders is described below:

01_EXPERIMENT

11_ CdEUSJ_FavorableReport: pdf file of the Favorable report from the ethical and scientific committee regarding the execution of the experiment.

12_Forms&Scenarios: This folder contains the Taks Sheet for each group and the scenarios to play of each group.

13_SessionMaterial: This folder contains the material used by the instructors during the session..

02_STATISTICAL ANALYSIS

21_DATASET: Data files containing the values of variables and factors necessary for conducting the statistical analysis proposed in the study. They are included in both IBM SPSS Statistics (.sav) and Microsoft Excel (.xlsx) formats.

22_DESCRIPTIVES: Files that contain the values of the main descriptive statistics and the results of the normality tests that correspond to all the variables measured in the study: the response variables and the factors. They are included in both IBM SPSS Statistics (.spv) and PDF Reader (.pdf) formats.

23_PCA: Files that contain the execution and results of PCA executions. To determine the convenience of the application of PCA, we followed the recommendations of Tabachnick and Fidell and Hair et al. based on the factorability of the correlation matrix, the KMO index , and the Bartlett sphericity to rejects that the correlation matrix is the identity matrix. To improve the interpretation of the components, a Varimax rotation with Kaiser normalization was performed. They are included in both IBM SPSS Statistics (.spv) and PDF Reader (.pdf) formats.

24_EFFECTSIZE-Cohend: Files that include the computations executed to determine the effect size of the factors in all the response variables. They are included in both IBM SPSS Statistics (.spv) and PDF Reader (.pdf) formats.

*25_ GRAPHICS_*Files that contain the execution and results of histograms and boxplots by tecnique () and by Experience (students/professionals). They are included in both IBM SPSS Statistics (.spv) and PDF Reader (.pdf) formats.

26_LMM: Files that contain the execution and results of the LMM Type III test of fixed effects with unstructured repeated covariance for all the variables in the study with different statistical models. Also includes Files that contain the dataset that includes the normality test of the residuals of LMM executions. They are included in both IBM SPSS Statistics (.spv) and PDF Reader (.pdf) formats.

Note: The documentation that appears in this folder could contain texts in Spanish, since this is the language in which the experiment is executed.