

Proposed tests for sensory fatigue detection from confidence intervals to proportion

Iasmine Queiroga de Paula ¹, Eric Batista Ferreira ²

Abstract: *This work aims to adapt confidence intervals for proportion to the sensory fatigue detection, through the proportion of correct answers accumulated in triangular tests. All tests can be used in the study of sensory fatigue, the most rigorous one were based on the chi-square, followed by sequential then F distribution.*

Keywords: Statistical tests, cumulative proportion, triangular test.

¹Mestranda, Universidade Federal de Alfenas (UNIFAL-MG). e-mail: iasmine@outlook.com.br

²Docente, Universidade Federal de Alfenas (UNIFAL-MG). e-mail: eric.ferreira@unifal-mg.edu.br