(a) Finding The Difference Task 2200 -Random Assignment 2000 -1800 -**Optimized Assignment** 1600 um Participants 1200 -Alpha Blending 0.25 C3-Palette Assignment 0.20 600 -Palettailor 400 -C3-Palette Generation 0.08 0.12 0.04 0.16 0.2 25.0 0.4 0.5 17.5 20.0 22.5 0.3 difference Time Power Analysis: C3-Palette Generation ~ Random Assignment Error (b) Counting Class Number Task 450 -0.80 Random Assignment 400 -0.75 0.70 350 -**Optimized Assignment** 0.65 Participants 250 -Alpha Blending 0.55 0.50 돌 200 -C3-Palette Assignment 0.45 0.40 150 -0.35 Palettailor 100 -0.30 C3-Palette Generation 0.2 0.4 18 0.2 0.4 0.6 8.0 16 difference Time Error Power Analysis: C3-Palette Generation ~ Alpha Blending