AgingStudy\_analysisplan

## Effect size calculation

\*Copied from G-power >[2] -- Wednesday, July 07, 2021 -- 11:59:50 F tests - ANOVA: Fixed effects, omnibus, one-way Analysis: A priori: Compute required sample size Input: Effect size f = 0.4200840 α err prob = 0.05 Power (1-β err prob) = 0.80 Number of groups = 2 Output: Noncentrality parameter λ = 8.4705872 Critical F = 4.0517487 Numerator df = 1 Denominator df = 46 Total sample size = 48 Actual power = 0.8130553

**24 subjects per age group**