

The Cheerleader Effect: Replication and Extension

Ryan M. Smith, William L. D. Krenzer, Kimberly A. Quinn, & Pablo Gomez
DePaul University
November 2020

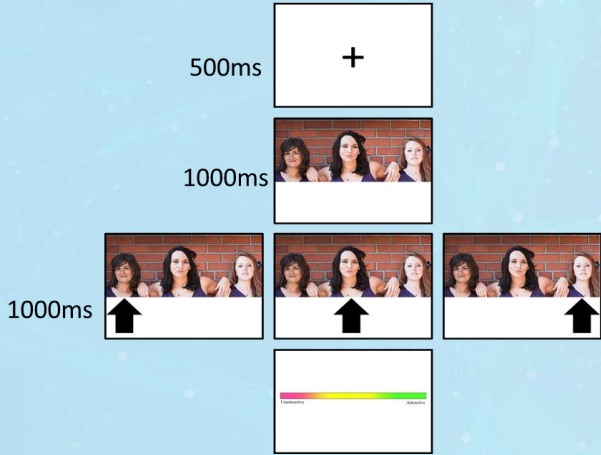


61st Annual Meeting

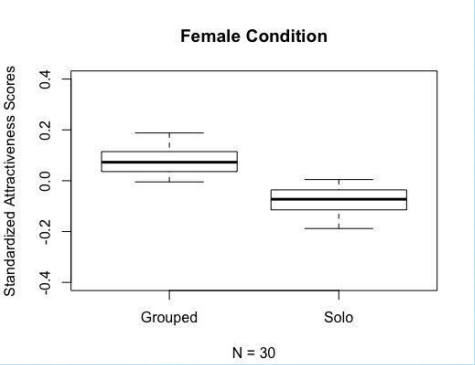
VIRTUAL PSYCHONOMICS

Experiment 1: Direct replication

Grouped Trials

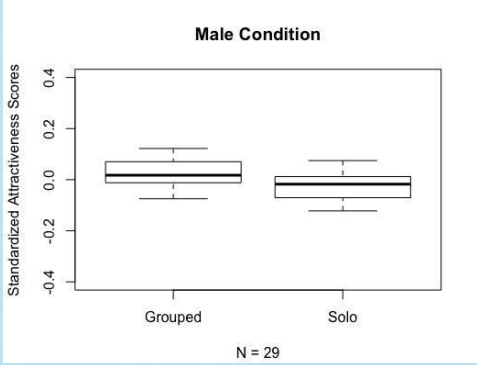


Solo Trials

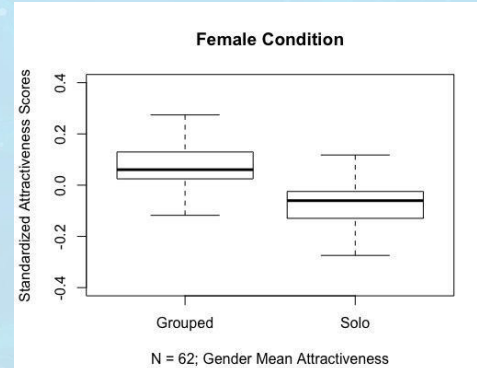
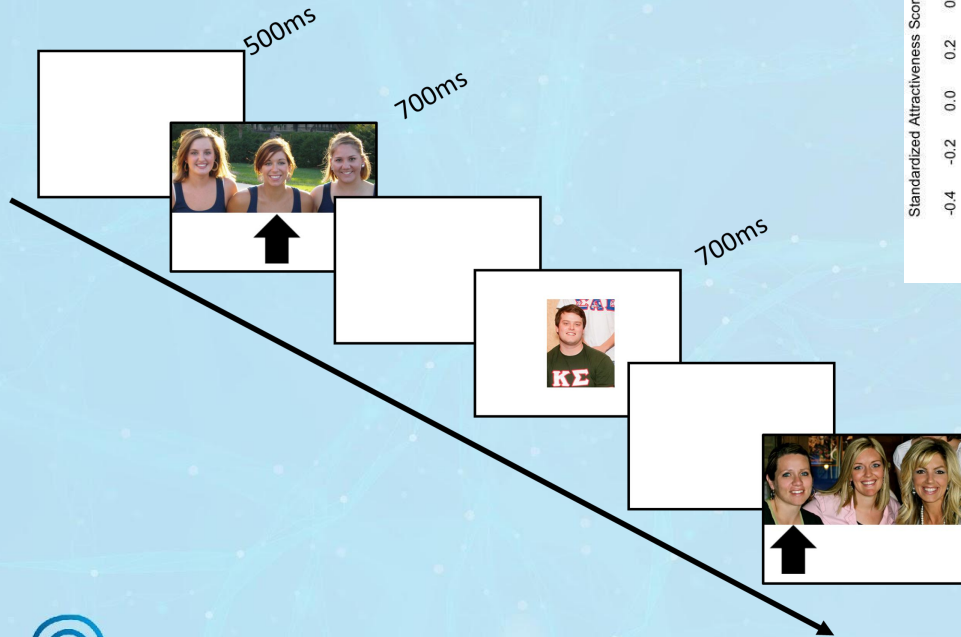


$t(29) = 8.7902, p < .001,$
 $95\%CI = [0.122, 0.197];$
 $BF_{10} = \underline{6.059e+14}$

$t(28) = 2.2143, p = .03512,$
 $95\%CI = [0.003, 0.085];$
 $BF_{10} = \underline{13.34}$

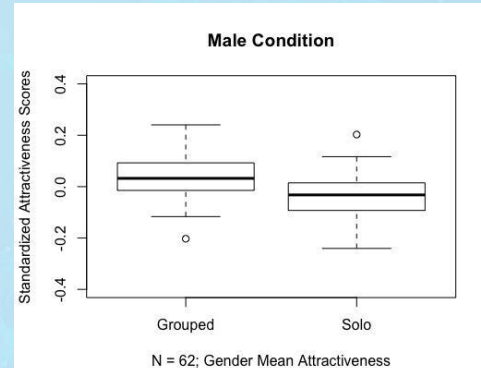


Experiment 2: Gender intermixed

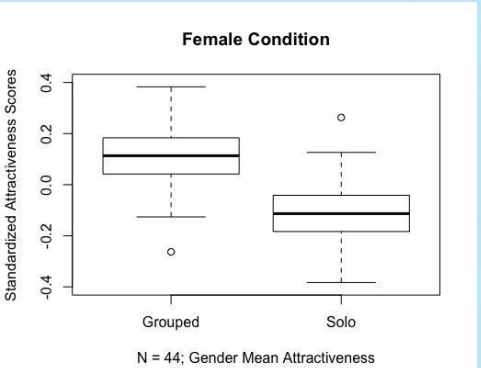
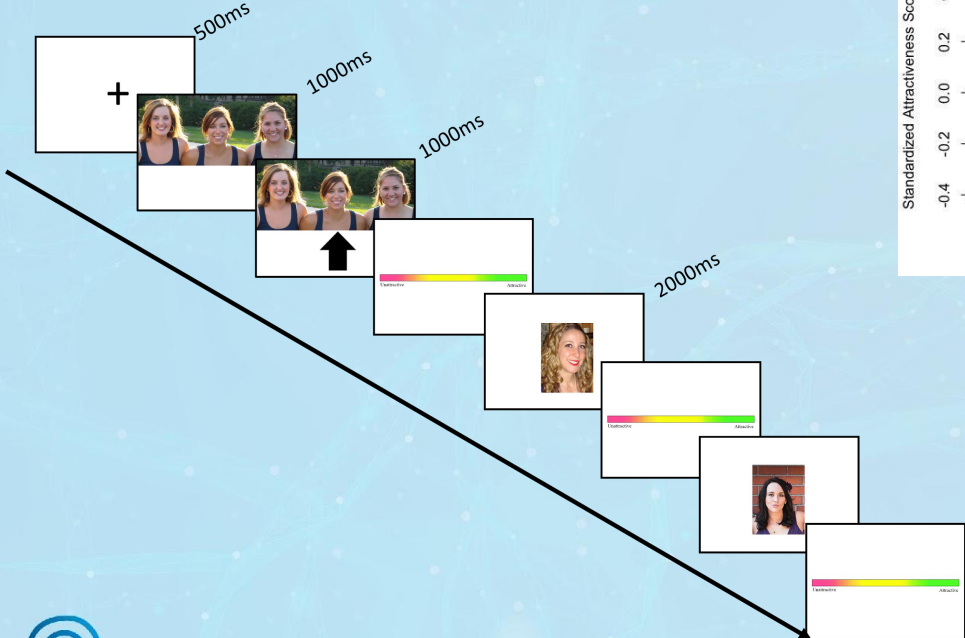


$t(61) = 7.00, p < .001, 95\%CI = [0.090, 0.162]; BF_{10} = \underline{4,932,605}$

$t(61) = 3.19, p = .002, 95\%CI = [0.025, 0.109]; BF_{10} = \underline{12.9}$

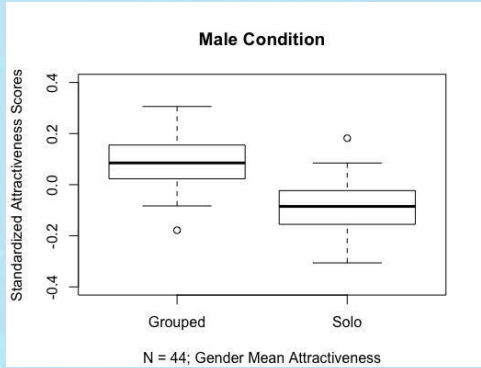


Experiment 3: Removing repetition

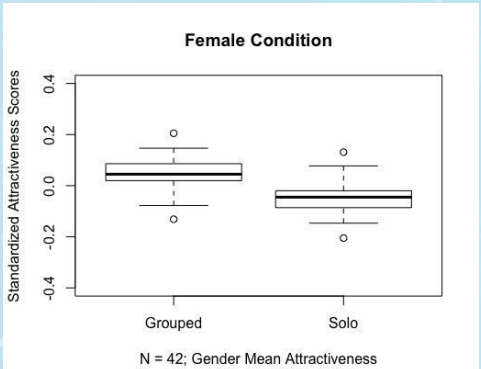
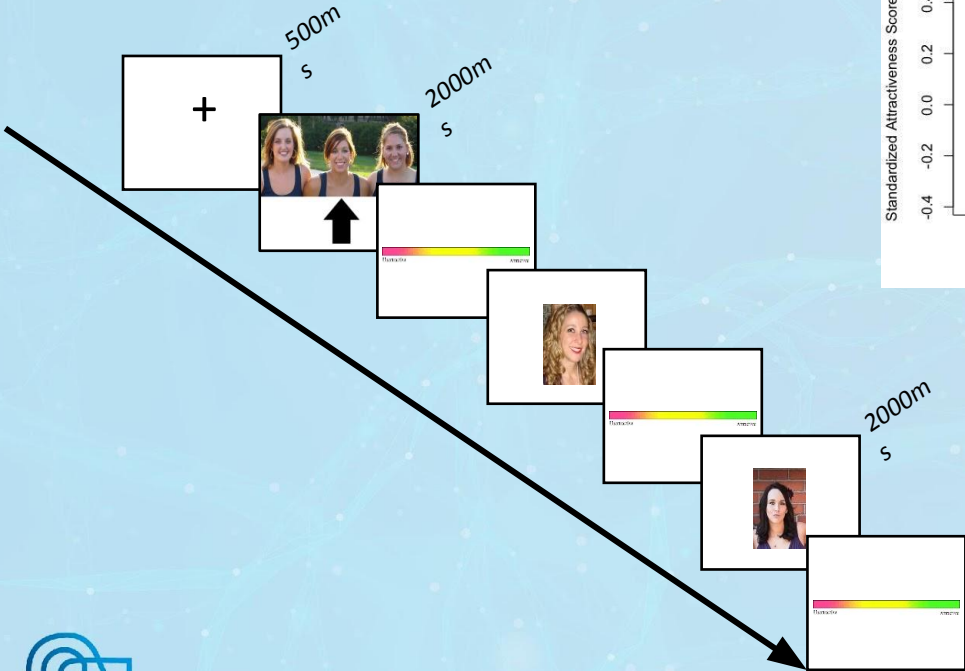


$t(43) = 6.292, p < .001, 95\% \text{ CI } [0.154, 0.300]; BF_{10} = \underline{107,653}$

$t(43) = 5.762, p < .001, 95\% \text{ CI } [0.111, 0.235]. A; BF_{10} = \underline{20,395}$

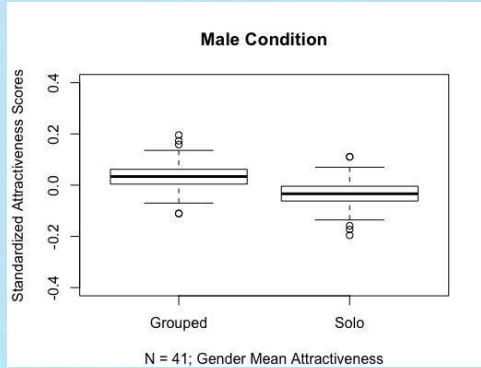


Experiment 4: Removing preview time

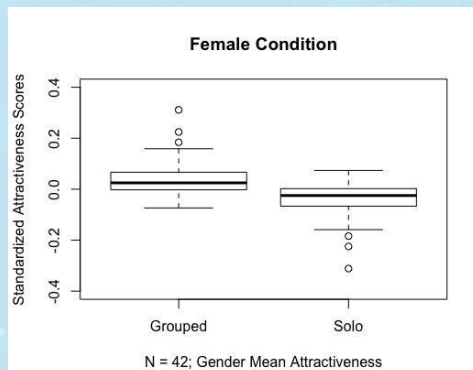
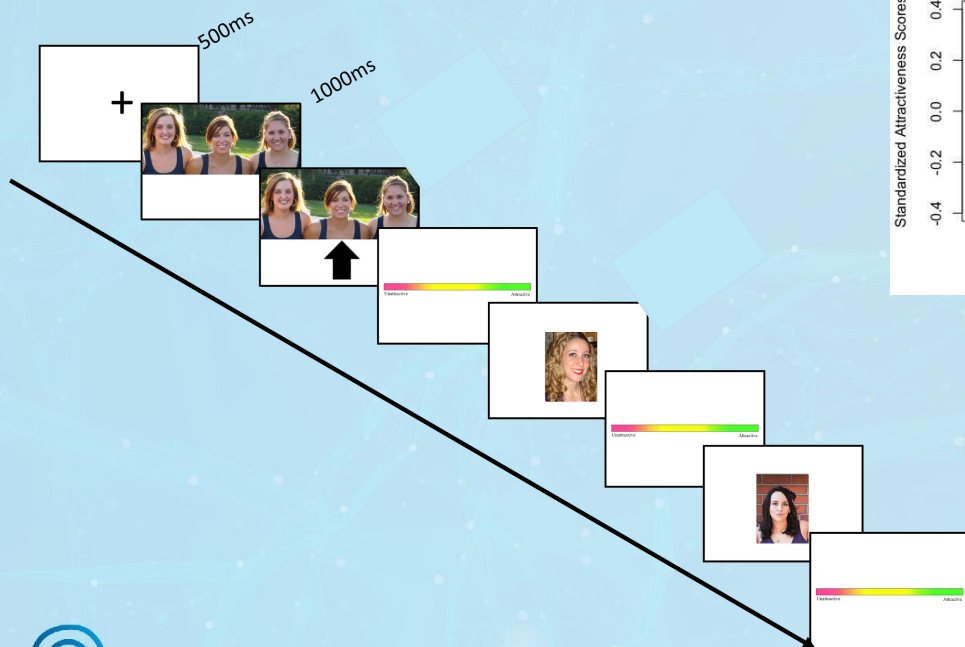


$t(41) = 4.99, p < .001,$
 $95\%CI = [0.056, 0.134];$
 $BF_{10} = \underline{1,759}$

$t(40) = 3.37, p = .001,$
 $95\%CI = [0.029,$
 $0.115]; BF_{10} = \underline{19.35}$



Experiment 5: Removing memory component



$t(41) = 3.68, p < .001,$
 95%CI = [0.039,
 0.135]; $BF_{10} = \underline{42.99}$

$t(40) = 3.51, p < .001,$
 95%CI = [0.033,
 0.123]; $BF_{10} = \underline{27.29}$

