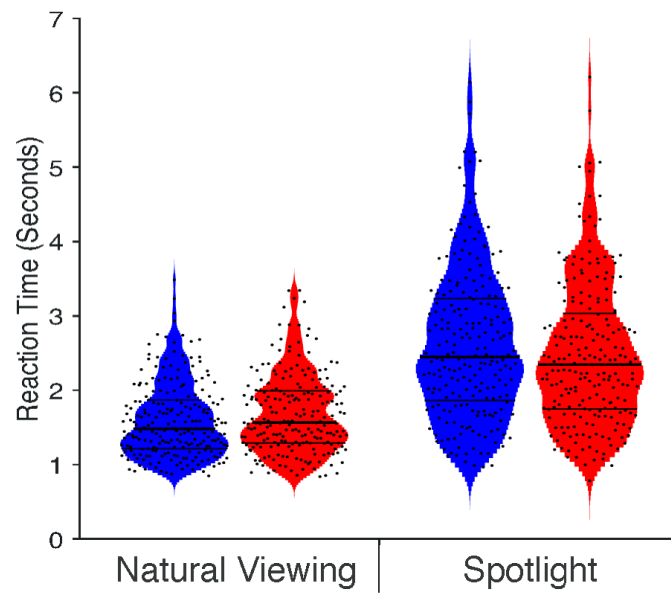


A



B

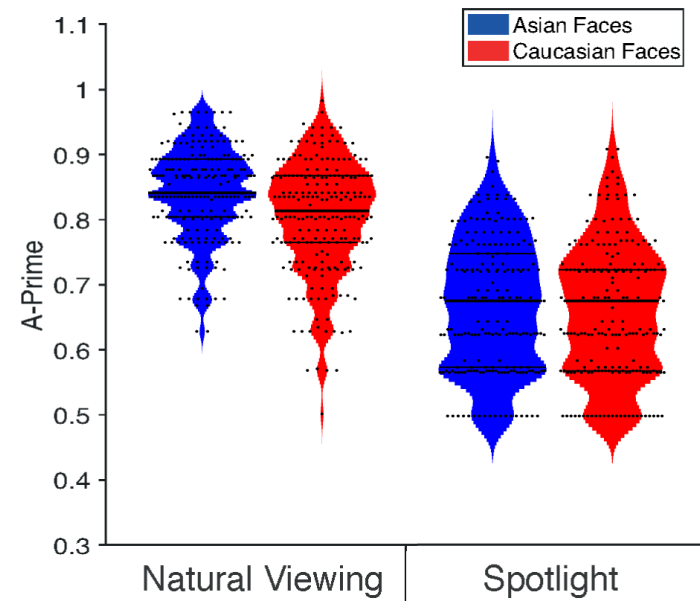


Figure A. Behavioural performance in function of face ethnicity(A) Reaction time in function of the viewing condition. (B) A-Prime in function of the viewing condition. Black lines represent the median (thick black line) and the 25th and 75th percentile (thin black line).

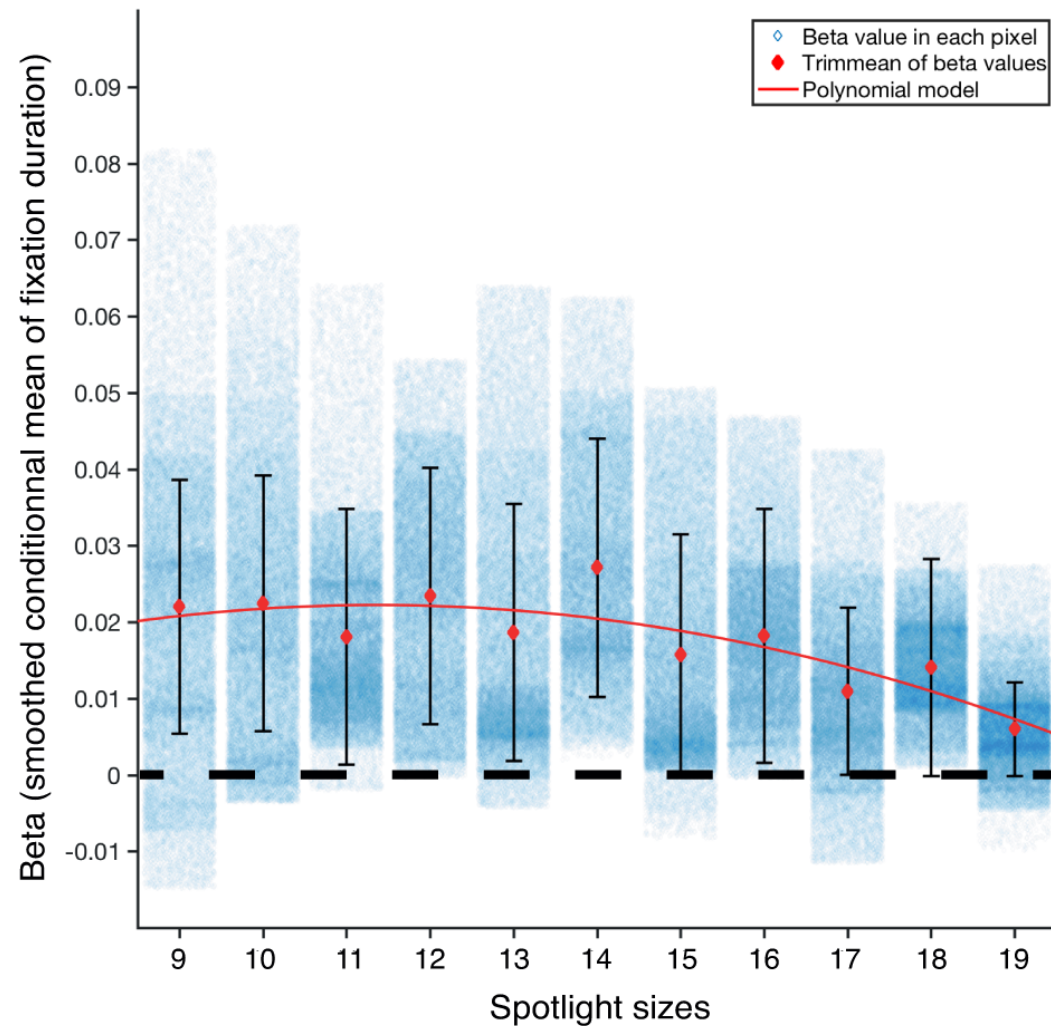


Figure B. Impact of spotlight on fixation pattern (see Figure 1C) represented by the trimmean of beta values within the mask on the face region (see iMAP4 procedure for more information). Beta values of each pixel inside the mask are represented by diamond, trimmean are represented by red filled diamond and are surrounded by confidence interval (bold line). Finally, the fitting of a second degree polynomial model is represented by the bold red line.

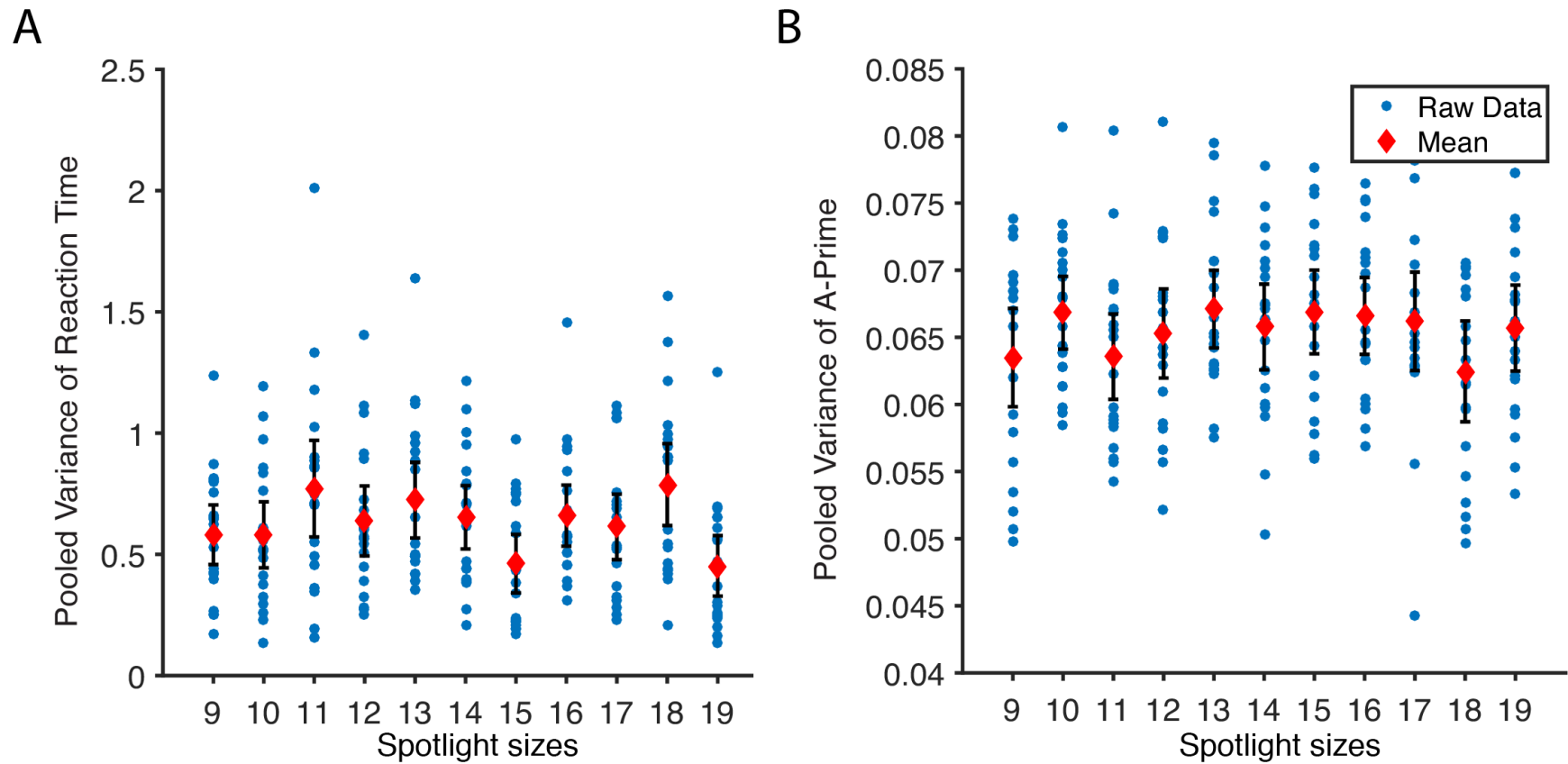


Figure C. Pooled variance across conditions (Natural Vision and Spotlight) used to compute Cohen's  $d$  for both Reaction Time (A) and A-Prime (B). These two figures show that the variance is similar across spotlight sizes. Pooled variance of each participants are represented by filled circles, mean are represented by red filled diamond and are surrounded by confidence interval (bold line).