

CALIFORNIA STATE SCIENCE FAIR 2017 PROJECT SUMMARY

Name(s)	Project Number
Andrew Qin	
Project Title	
Determinants of a Font's Readability	
Abstract	
Objectives/Goals	
This project is concerned with an experimental study of how certain characteristics of fonts affect their ability to be read, specifically thickness and the inclusion of breakets.	
Methods/Materials	5.
I printed out two pages of text with each page a different font. To test	st this, I assigned groups to read both
pages Arial, first page Arial second page Georgia, etc. until all combinations with Arial and another font	
of Georgia, San Francisco, and Times New Roman have been read. I timed each page separately and analyzed the data through the ratio of the times of the pages, so the speed of their reading didn#t affect the	
results.	
Results	
I analyzed times using both pages having the group reading both Arial pages as a control, and found that	
the average in each category was: Arial-Arial = 1.113, Arial-Georgia = 1.124, Arial-San Francisco = 1.257 Arial Times New Poman = 1.05 for Arial being the first page, and in the same order for Arial	
being the second page: 0.844, 0.868, 0.976, 0.83.	, and in the same order for Arran
Conclusions/Discussion	
These results show that San Francisco, the thick font without brackets, was the easiest to read. Arial, a	
Roman a thin bracketed font was the slowest	
Roman, a ann bracketed rom, was the slowest.	
Summer over Statement	
Summary Statement	aren 4a maad 4ban 4baaaba 1
I snowed that fonts that are thicker and have bracketed letters are eas	sier to read than those who do not
Help Keceived	
from UCSB.	Eom in the Psychology Department