



Figure 1 illustrates the experimental design. The process begins with a fixation cross, followed by the presentation of a stimulus (a word) for 1000 ms. The participant then provides a response (a button press), which is recorded. The feedback (a green or red light) is presented for 1000 ms. The entire trial is repeated for 10 trials.

Figure 1

Age Group	Percentage
18-24	85
25-34	75
35-44	65
45-54	55
55-64	45
65-74	35
75-84	25
85+	15

The following table shows the results of the regression analysis for the dependent variable "Customer Satisfaction" (Y-axis) and the independent variable "Service Quality" (X-axis). The table includes the regression equation, the coefficient of determination (R-squared), and the p-value for the regression coefficient.

Variable	Regression Coefficient	Standard Error	t-statistic	p-value
Intercept	1.234	0.056	21.856	<0.001
Service Quality	0.789	0.012	65.750	<0.001

The regression equation is: $Y = 1.234 + 0.789X$. The coefficient of determination (R-squared) is 0.987, indicating a very strong positive correlation between Service Quality and Customer Satisfaction. The p-value for the regression coefficient is less than 0.001, indicating that the relationship is statistically significant.