Results

Descriptive Statistics

Descriptive Statistics

	high	low
Valid	540	540
Missing	0	0
Median	75.000	45.500
IQR	35.000	46.500
Variance	682.789	734.868
Minimum	0.000	0.000
Maximum	100.000	100.000

Distribution Plots
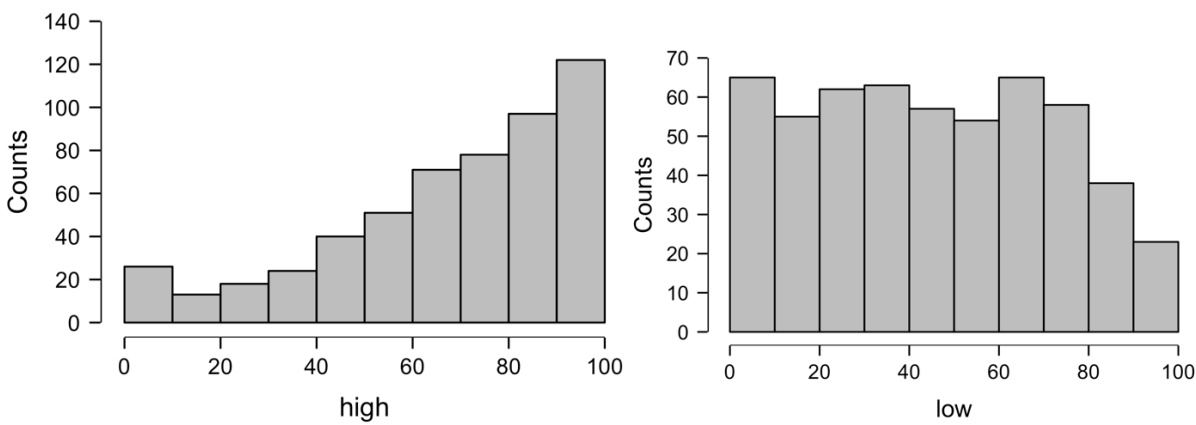
Boxplots
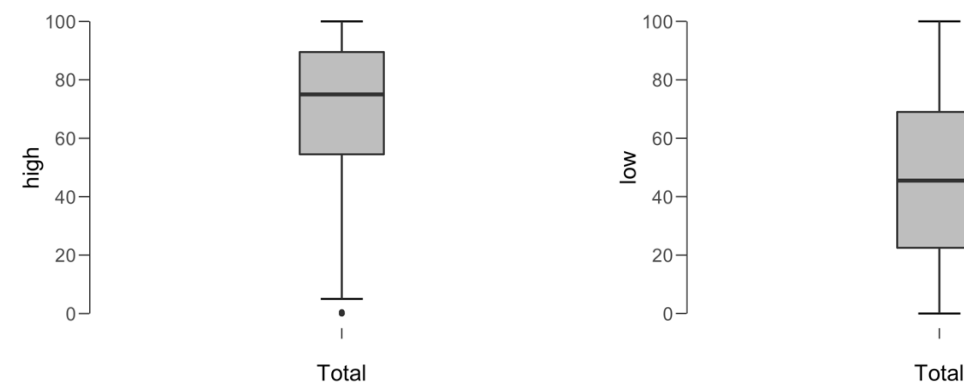
Paired Samples T-Test

Paired Samples T-Test

	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d
						Lower	Upper	
high - low	14.863	539	< .001	22.702	1.527	19.701	25.702	0.640

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

	W	p
high - low	0.987	< .001

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
high	540	68.515	26.130	1.124
low	540	45.813	27.108	1.167

Descriptives Plot

high - low
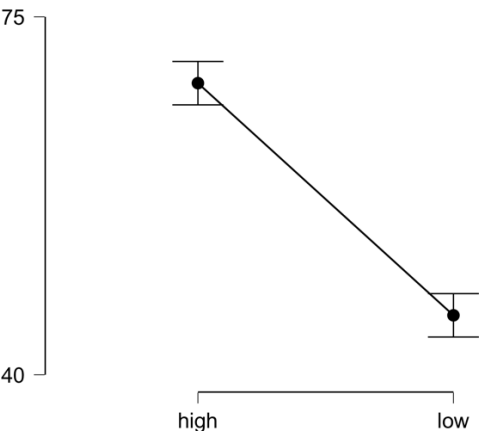
Bayesian Paired Samples T-Test

Bayesian Paired Samples T-Test

	BF$_{10}$	error %
high - low	5.054e +38	1.457e -41

Inferential Plots

high - low

Prior and Posterior

data | H1

BF$_{10}$ = 5.05e+38

BF$_{01}$ = 1.98e-39

data | H0

Median: 0.636

95% CI: [0.546, 0.727]