

Results

Descriptives

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	N	Missing	Mean	Median	Mode	SD	Variance	Minimum	Maximum	Skewness		Kurtosis		Shapiro-Wilk	
										Skewness	SE	Kurtosis	SE	W	p
IV1	110	100	35.4	36.0	38.0	5.41	29.29	14	50	-0.740	0.230	3.696	0.457	0.927	<.001
IV2	110	100	15.4	15.5	16.0	2.83	8.03	9	25	0.418	0.230	1.399	0.457	0.965	0.005
DV	110	100	24.8	25.0	28.0	3.92	15.33	13	35	-0.331	0.230	0.509	0.457	0.970	0.014

Frequencies

Frequencies of IV1

IV1	Counts	% of Total	Cumulative %
14	1	0.9%	0.9%
15	1	0.9%	1.8%
21	1	0.9%	2.7%
27	2	1.8%	4.5%
28	3	2.7%	7.3%
29	1	0.9%	8.2%
30	3	2.7%	10.9%
31	9	8.2%	19.1%
32	4	3.6%	22.7%
33	7	6.4%	29.1%
34	9	8.2%	37.3%
35	12	10.9%	48.2%
36	14	12.7%	60.9%
37	8	7.3%	68.2%
38	15	13.6%	81.8%
39	2	1.8%	83.6%
40	3	2.7%	86.4%
41	3	2.7%	89.1%
42	3	2.7%	91.8%
43	4	3.6%	95.5%
44	1	0.9%	96.4%
46	2	1.8%	98.2%
50	2	1.8%	100.0%

Frequencies of IV2

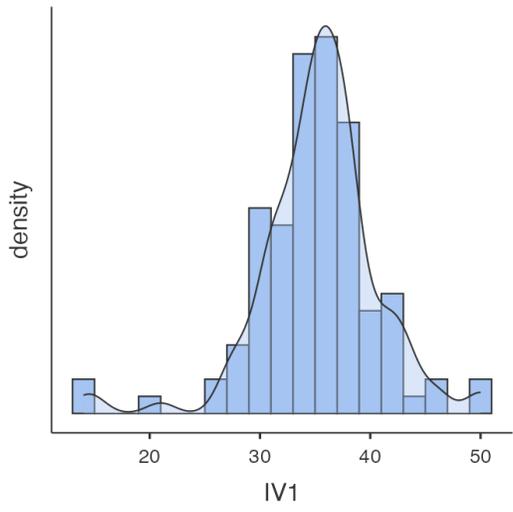
IV2	Counts	% of Total	Cumulative %
25	2	1.8%	1.8%
21	1	0.9%	2.7%
20	3	2.7%	5.5%
19	7	6.4%	11.8%
18	7	6.4%	18.2%
17	14	12.7%	30.9%
16	21	19.1%	50.0%
15	14	12.7%	62.7%
14	16	14.5%	77.3%
13	10	9.1%	86.4%
12	5	4.5%	90.9%
11	5	4.5%	95.5%
10	3	2.7%	98.2%
9	2	1.8%	100.0%

Frequencies of DV

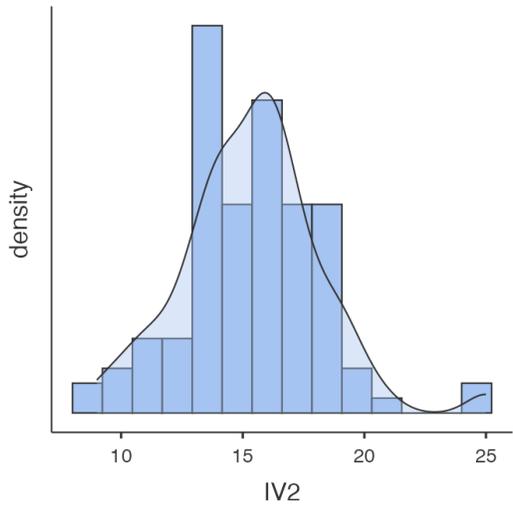
DV	Counts	% of Total	Cumulative %
35	2	1.8%	1.8%
32	1	0.9%	2.7%
31	1	0.9%	3.6%
30	3	2.7%	6.4%
29	6	5.5%	11.8%
28	21	19.1%	30.9%
27	4	3.6%	34.5%
26	12	10.9%	45.5%
25	15	13.6%	59.1%
24	7	6.4%	65.5%
23	10	9.1%	74.5%
22	2	1.8%	76.4%
21	10	9.1%	85.5%
20	8	7.3%	92.7%
19	2	1.8%	94.5%
18	1	0.9%	95.5%
17	3	2.7%	98.2%
14	1	0.9%	99.1%
13	1	0.9%	100.0%

Plots

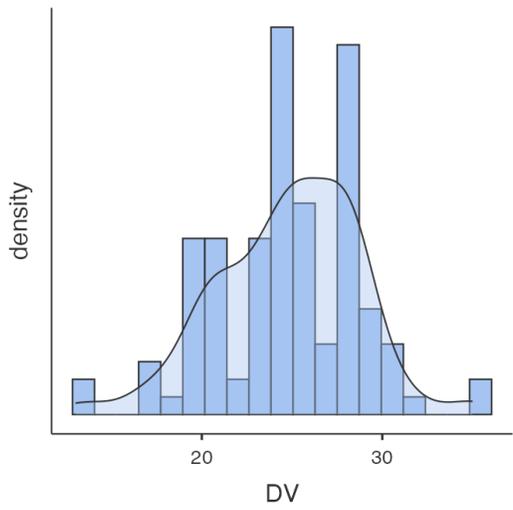
IV1



IV2



DV



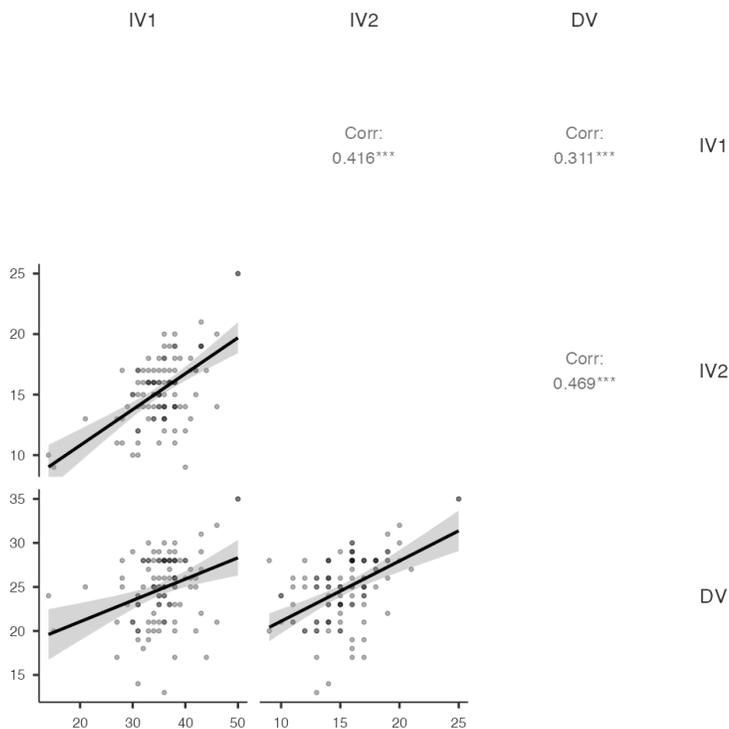
Correlation Matrix

Correlation Matrix

	IV1	IV2	DV
IV1			
Spearman's rho	—		
df	—		
p-value	—		
N	—		
IV2			
Spearman's rho	0.416***	—	
df	108	—	
p-value	<.001	—	
N	110	—	
DV			
Spearman's rho	0.311***	0.469***	—
df	108	108	—
p-value	<.001	<.001	—
N	110	110	—

Note. * $p < .05$, ** $p < .01$, *** $p < .001$

Plot



Linear Regression

Model Fit Measures

Model	R	R ²	Adjusted R ²	Overall Model Test			
				F	df1	df2	p
1	0.500	0.250	0.236	17.9	2	107	<.001

Note. Models estimated using sample size of N=110

Model Coefficients - DV

Predictor	Estimate	SE	t	p
Intercept	13.1724	2.2743	5.792	<.001
IV1	0.0573	0.0735	0.780	0.437
IV2	0.6231	0.1403	4.442	<.001

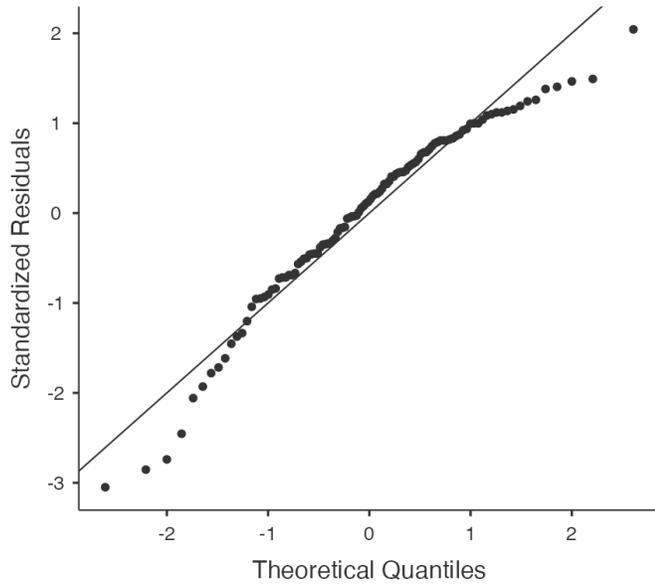
Assumption Checks

Collinearity Statistics

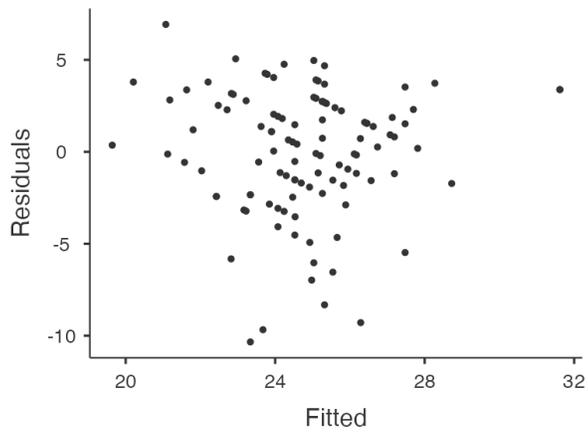
	VIF	Tolerance
IV1	1.47	0.679
IV2	1.47	0.679

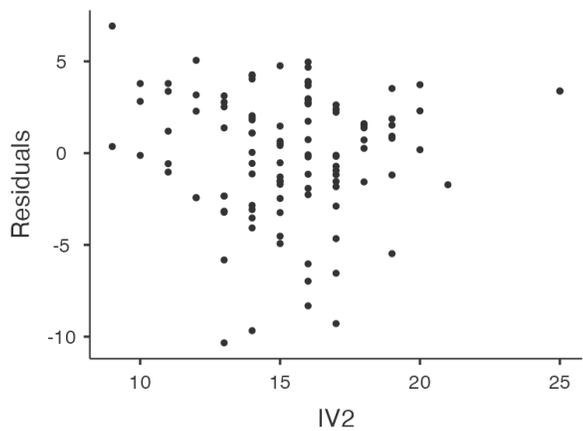
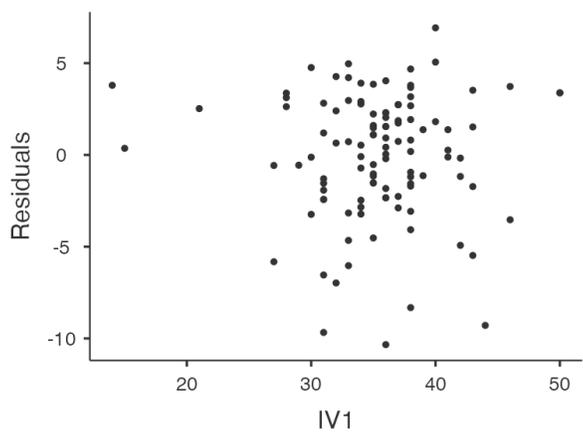
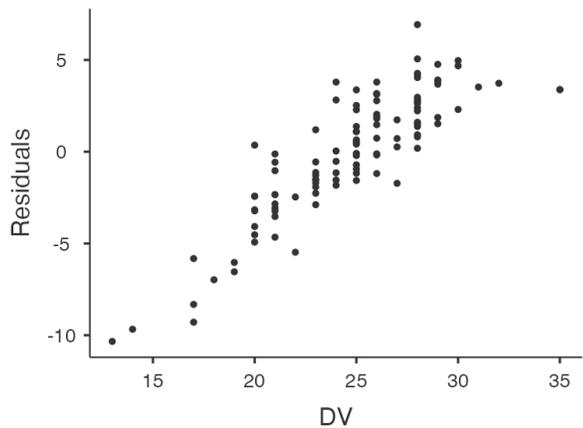
[3]

Q-Q Plot



Residuals Plots





References

[1] The jamovi project (2024). *jamovi*. (Version 2.6) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2024). *R: A Language and environment for statistical computing*. (Version 4.4) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from CRAN snapshot 2024-08-07).