Results

Descriptives

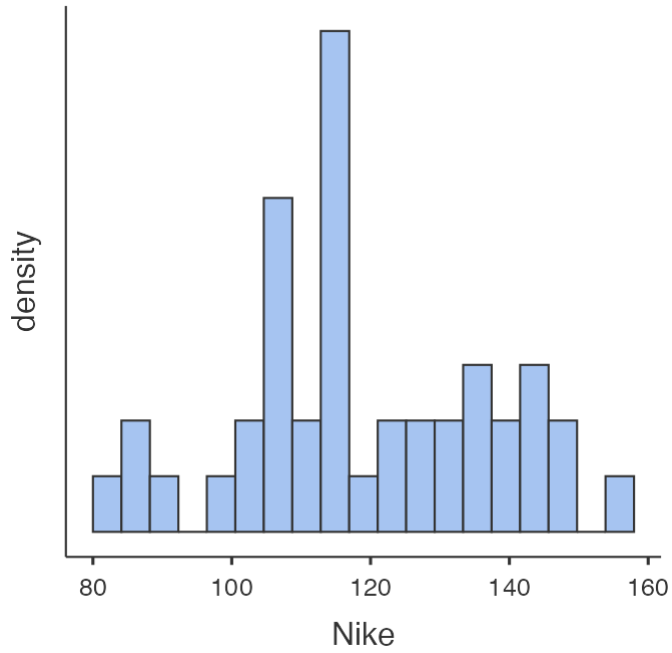
Descriptives

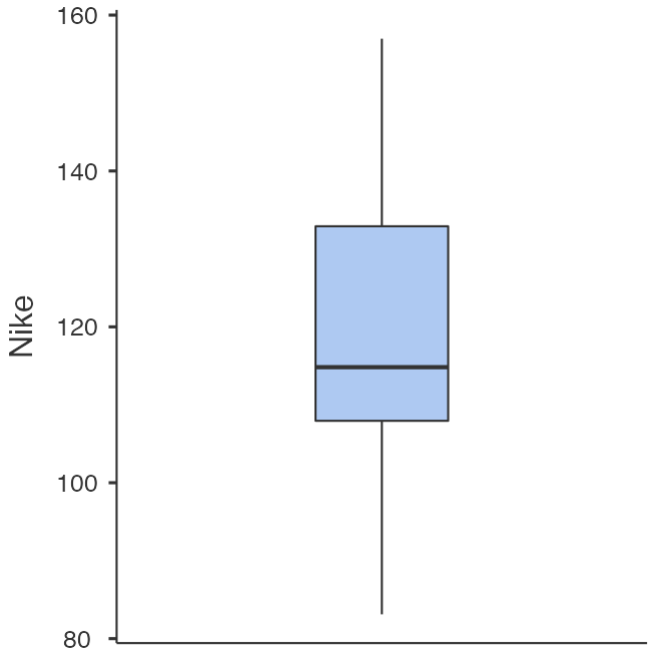
	Nike	UA	Adidas	DKS
N	42	42	42	42
Missing	0	0	0	0
Mean	119	12.3	97.5	100
Median	115	10.2	93.5	105
Mode	143	6.65[a]	51.8[a]	73.8[a]
Sum	4990	516	4094	4219
Standard deviation	18.0	4.31	24.9	12.1
Variance	326	18.6	622	147
Minimum	83.1	6.65	51.8	73.8
Maximum	157	19.9	145	117
Skewness	0.0615	0.394	0.176	-0.822
Std. error skewness	0.365	0.365	0.365	0.365
Kurtosis	-0.545	-1.48	-0.649	-0.569
Std. error kurtosis	0.717	0.717	0.717	0.717

[a] More than one mode exists, only the first is reported

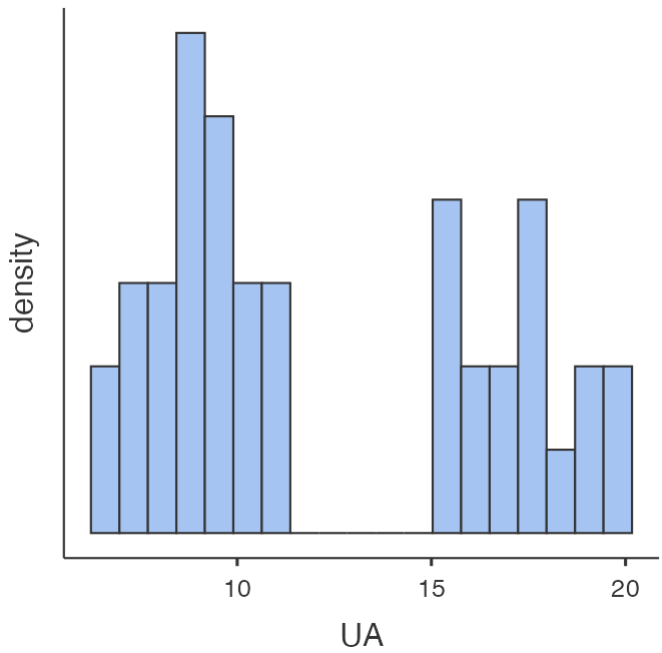
Plots

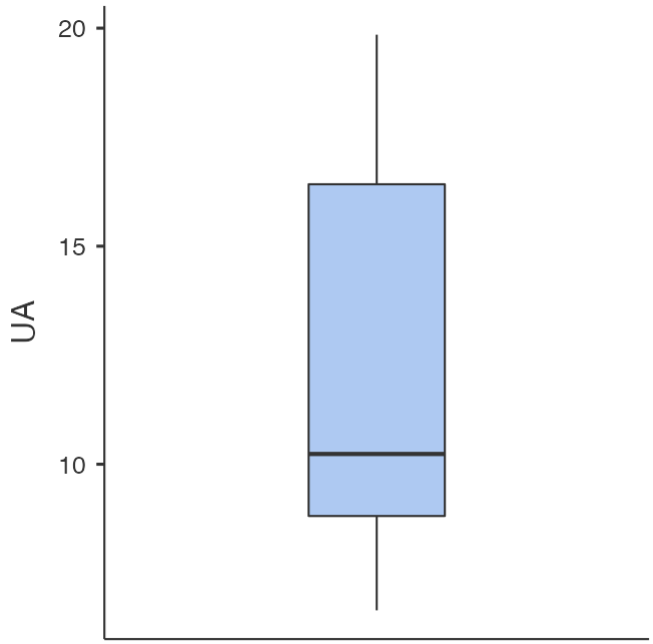
Nike



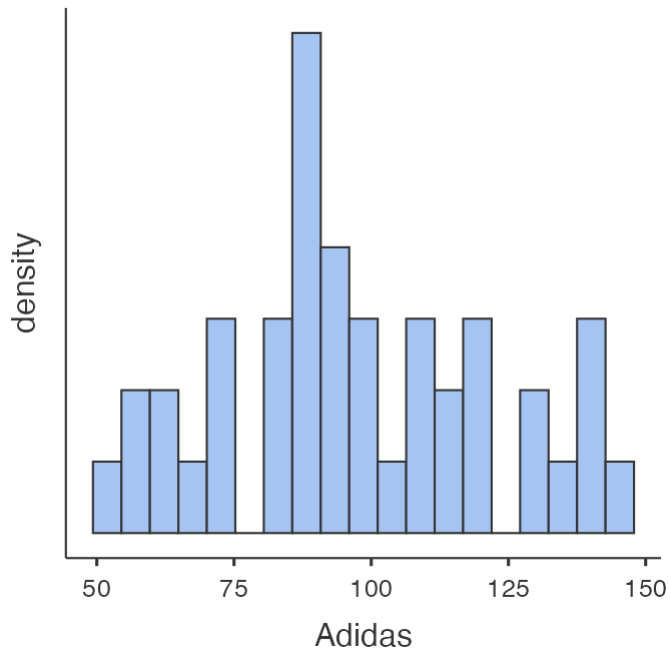


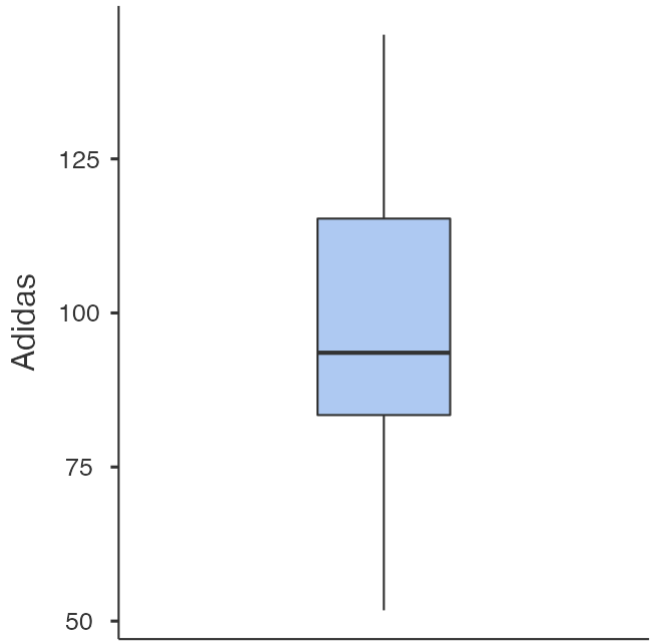
UA



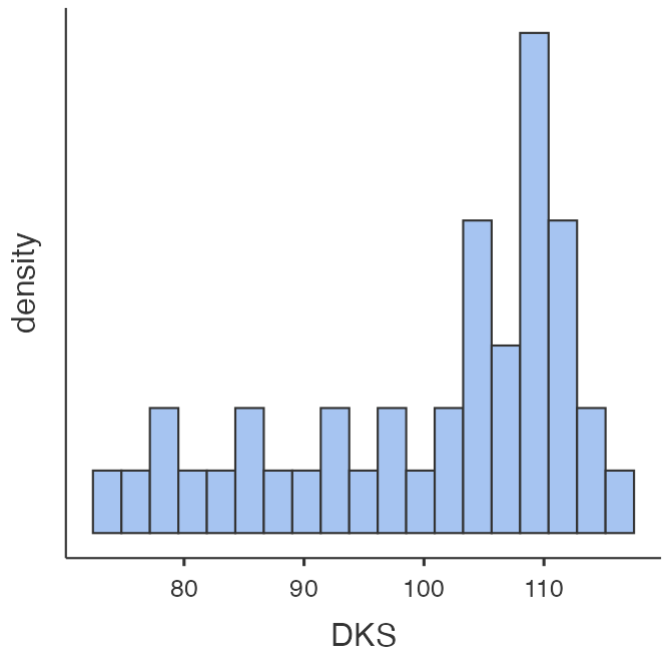


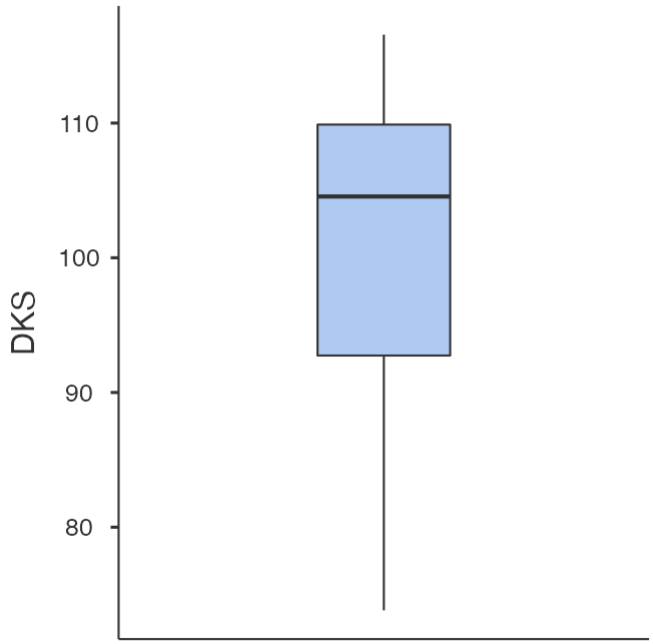
Adidas





DKS



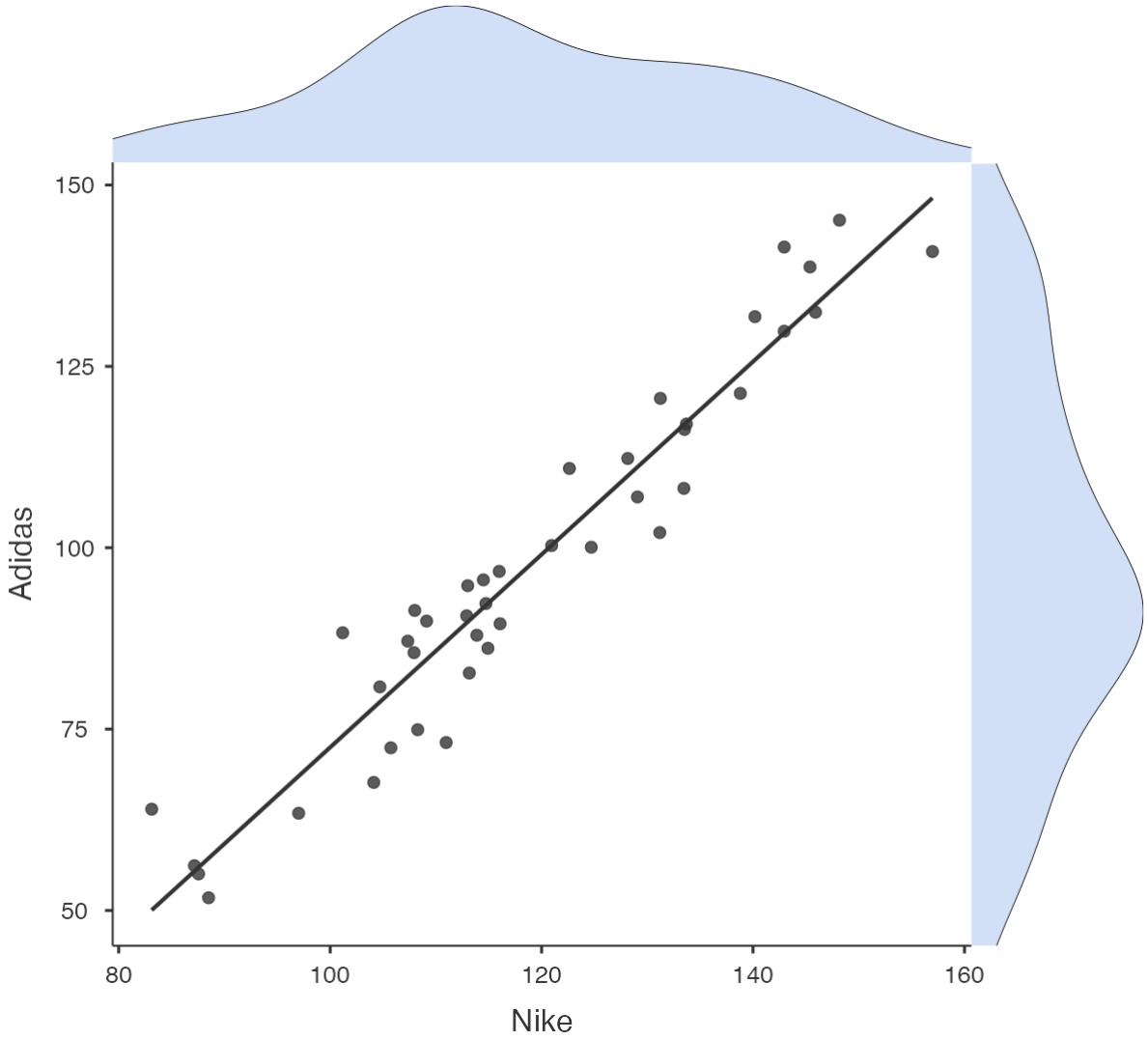


Correlation Matrix

Correlation Matrix

		Nike	Adidas
Nike	Pearson's r	—	
	p-value	—	
	Spearman's rho	—	
	p-value	—	
	Kendall's Tau B	—	
	p-value	—	
Adidas	Pearson's r	0.962	—
	p-value	< .001	—
	Spearman's rho	0.950	—
	p-value	< .001	—
	Kendall's Tau B	0.823	—
	p-value	< .001	—

Scatterplot



Descriptives

Descriptives	
N	
Missing	
Mean	
Median	
Standard deviation	
Minimum	
Maximum	

References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from https://www.jamovi.org.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from https://cran.r-project.org. (R packages retrieved from MRAN snapshot 2022-01-01).

Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R^2**	**Adjusted R^2**	**F**	**df1**	**df2**	**p**
1	0.353	0.352	1003	1	1841	<.001

Omnibus ANOVA Test

	Sum of Squares	df	Mean Square	F	p
sponsor	1.69e+16	1	1.69e+16	1003	<.001
Residuals	3.10e+16	1841	1.68e+13		

Note. Type 3 sum of squares

[3]

Model Coefficients - othrev

			95% Confidence Interval				
Predictor	**Estimate**	**SE**	**Lower**	**Upper**	**t**	**p**	**Stand. Estimate**
Intercept	1.99e+6	122951.8659	1.75e+6	2.23e+6	16.2	<.001	
sponsor	0.539	0.0170	0.505	0.572	31.7	<.001	0.594

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.703	0.595	<.001

[3]

Collinearity Statistics

	VIF	Tolerance
sponsor	1.00	1.00

[3]

Normality Test (Shapiro-Wilk)

Statistic	p
0.799	<.001

References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from https://www.jamovi.org.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from https://cran.r-project.org. (R packages retrieved from MRAN snapshot 2022-01-01).

[3] Fox, J., & Weisberg, S. (2020). *car: Companion to Applied Regression*. [R package]. Retrieved from https://cran.r-project.org/package=car.

Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R^2**	**Adjusted R^2**	**F**	**df1**	**df2**	**p**
1	0.509	0.508	635	3	1837	< .001

Model Coefficients - medex

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	96387.9660	27337.74455	3.53	< .001
coach	0.0752	0.00349	21.52	< .001
recru	-0.2567	0.02797	-9.18	< .001
athsad	0.0206	0.00537	3.84	< .001

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
0.561	0.876	< .001

[3]

Collinearity Statistics

	VIF	**Tolerance**
coach	4.91	0.204
recru	2.48	0.404
athsad	3.41	0.293

[3]

Normality Test (Shapiro-Wilk)

Statistic	**p**
0.833	< .001

References

[1] The jamovi project (2022). *jamovi.* (Version 2.3) [Computer Software]. Retrieved from https://www.jamovi.org.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from https://cran.r-project.org. (R packages retrieved from MRAN snapshot 2022-01-01).

[3] Fox, J., & Weisberg, S. (2020). *car: Companion to Applied Regression*. [R package]. Retrieved from https://cran.r-project.org/package=car.