

Results

ANOVA

ANOVA - perform

	Sum of Squares	df	Mean Square	F	p	ω^2
sextype	433	3	144.26	38.5	< .001	0.330
Residuals	840	224	3.75			

[3]

Assumption Checks

Homogeneity of Variances Test (Levene's)

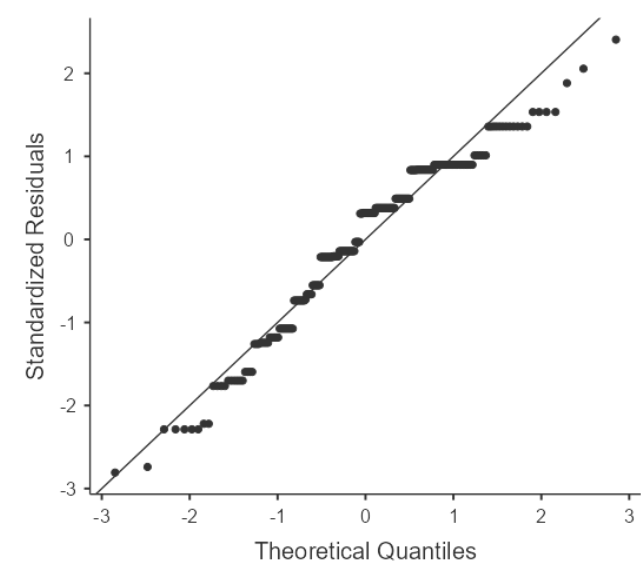
F	df1	df2	p
3.07	3	224	0.029

[3]

Normality Test (Shapiro-Wilk)

Statistic	p
0.958	< .001

Q-Q Plot



Post Hoc Tests

Post Hoc Comparisons - sextype

Comparison		Mean Difference	SE	df	t	Pscheffe
sextype	sextype					
Sex Role Diffuse	- Masc Sex-Typed	-2.984	0.406	224	-7.35	< .001
	- Fem Sex-Typed	-1.653	0.418	224	-3.95	0.002
	- Androgynous	-3.866	0.384	224	-10.06	< .001
Masc Sex-Typed	- Fem Sex-Typed	1.331	0.370	224	3.60	0.006
	- Androgynous	-0.882	0.331	224	-2.66	0.072
Fem Sex-Typed	- Androgynous	-2.213	0.346	224	-6.39	< .001

Note. Comparisons are based on estimated marginal means

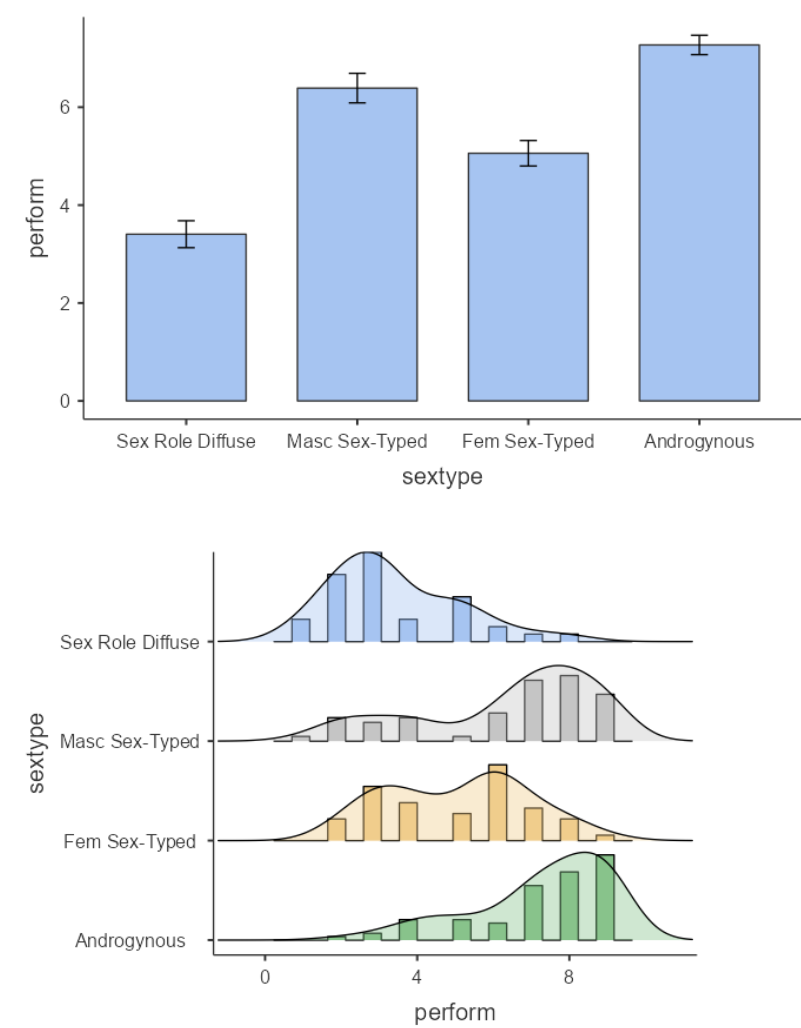
Descriptives

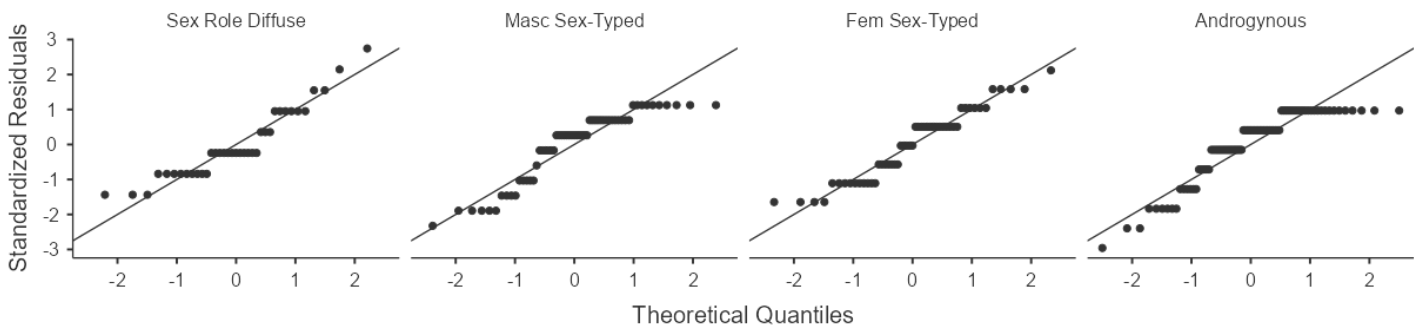
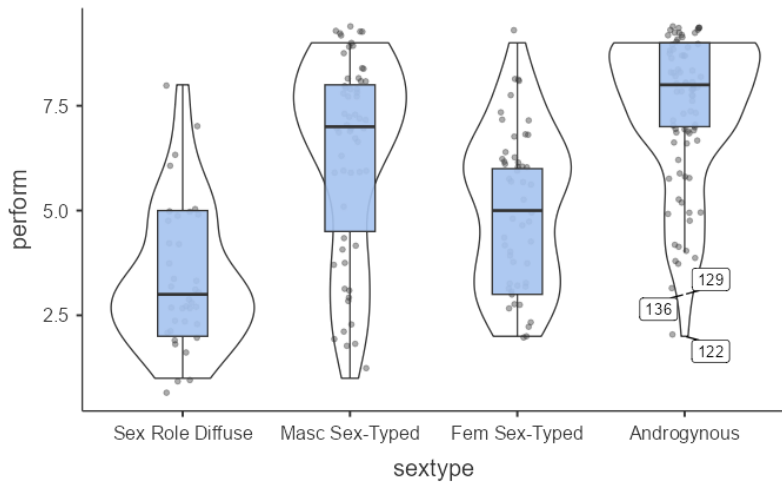
Descriptives

	sextype	N	Mean	Median	SD	Minimum	Maximum
perform	Sex Role Diffuse	37	3.41	3.00	1.67	1.00	8.00
	Masc Sex-Typed	59	6.39	7.00	2.32	1.00	9.00
	Fem Sex-Typed	51	5.06	5.00	1.86	2.00	9.00
	Androgynous	81	7.27	8.00	1.78	2.00	9.00

Plots

perform





Correlation Matrix

Welcome to ClinicoPath This tool will help you generate Bar Charts. This function uses ggplot2 and ggstatsplot packages. See documentations [ggcorrmatrix](#) and [grouped_ggcorrmatrix](#). Please cite jamovi and the packages as given below.

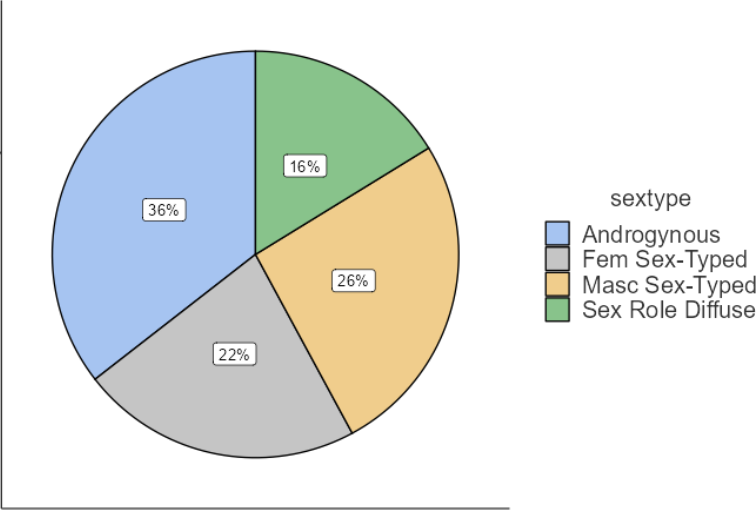
Chart

Pie Charts

You have selected to use Pie Charts.

sextype

$$\chi^2_{\text{gof}}(3) = 17.82, p = 4.78\text{e-}04, \hat{C}_{\text{Pearson}} = 0.27, \text{CI}_{95\%} [0.15, 1.00], n_{\text{obs}} = 228$$



$$\log_e(\text{BF}_{01}) = 0.29, \theta_{\text{Guel-Dickey}} = 1.00$$

References

- [1] The jamovi project (2024). *jamovi*. (Version 2.5) [Computer Software]. Retrieved from <https://www.jamovi.org>.
- [2] R Core Team (2023). *R: A Language and environment for statistical computing*. (Version 4.3) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from CRAN snapshot 2024-01-09).
- [3] Fox, J., & Weisberg, S. (2023). *car: Companion to Applied Regression*. [R package]. Retrieved from <https://cran.r-project.org/package=car>.
- [4] Lenth, R. (2023). *emmeans: Estimated Marginal Means, aka Least-Squares Means*. [R package]. Retrieved from <https://cran.r-project.org/package=emmeans>.
- [5] Wickham, H., Chang, W., Henry, L., Pedersen, T. L., Takahashi, K., Wilke, C., Woo, K., & RStudio (2018). *ggplot2: Create Elegant Data Visualisations Using the Grammar of Graphics*. [R package]. Retrieved from <https://CRAN.R-project.org/package=ggplot2>.
- [6] Patil, I. (2018). *ggstatsplot: 'ggplot2' Based Plots with Statistical Details*. [R package]. Retrieved from <https://CRAN.R-project.org/package=ggstatsplot>.
- [7] Serdar Balci (2022). *ClinicoPath jamovi Module doi:10.5281/zenodo.3997188*. [R package]. Retrieved from <https://github.com/sbalci/ClinicoPathJamoviModule>. [link](#).