Results

GrpXSex on Nodes ANOVA

```
jaspAnova::Anova(
        version = "0.17.2",
        formula = `propNodes Selected` ~ Sex * Group,
        contrasts = list(list(contrast = "none", variable = "Sex"), list(contrast = "none", variable =
"Group"), list(contrast = "none", variable = list("Sex", "Group"))),
        descriptivePlotErrorBar = TRUE,
        descriptivePlotErrorBarType = "se",
        descriptivePlotHorizontalAxis = "Group",
        descriptivePlotSeparateLines = "Sex",
        postHocCorrectionTukey = FALSE)
```

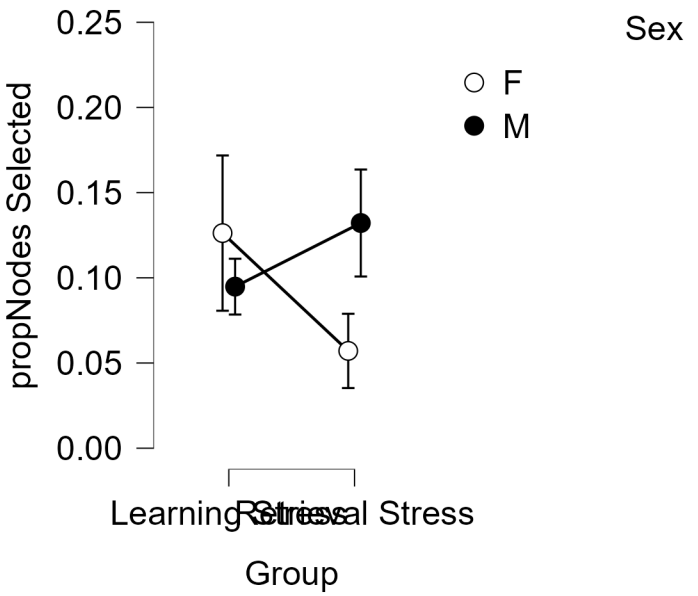
ANOVA - propNodes Selected

Cases	Sum of Squares	df	Mean Square	F	p
Sex	0.004	1	0.004	0.515	0.477
Group	0.002	1	0.002	0.274	0.604
Sex ✻ Group	0.026	1	0.026	3.068	0.088
Residuals	0.303	36	0.008		

Note. Type III Sum of Squares

Descriptives

Descriptives plots



GrpXSex on Lag ANOVA

```
jaspAnova::Anova(
        version = "0.17.2",
        formula = `propLag Selected` ~ Sex * Group,
        contrasts = list(list(contrast = "none", variable = "Sex"), list(contrast = "none", variable =
"Group"), list(contrast = "none", variable = list("Sex", "Group"))),
        descriptivePlotErrorBar = TRUE,
        descriptivePlotErrorBarType = "se",
        descriptivePlotHorizontalAxis = "Group",
        descriptivePlotSeparateLines = "Sex",
        postHocCorrectionTukey = FALSE)
```

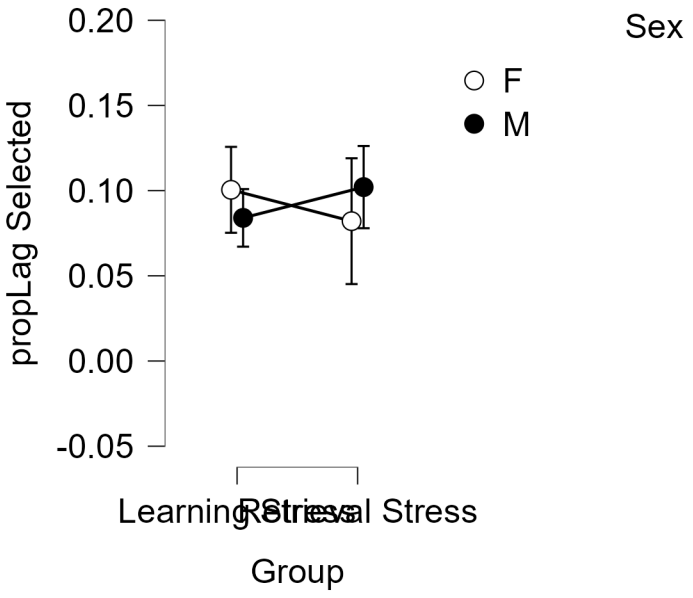
ANOVA - propLag Selected

Cases	Sum of Squares	df	Mean Square	F	p
Sex	2.820×10^{-5}	1	2.820×10^{-5}	0.005	0.946
Group	2.606×10^{-7}	1	2.606×10^{-7}	4.277×10^{-5}	0.995
Sex ✻ Group	0.003	1	0.003	0.496	0.486
Residuals	0.219	36	0.006		

Note. Type III Sum of Squares

Descriptives

Descriptives plots



GrpXSex on Other ANOVA

```
jaspAnova::Anova(
        version = "0.17.2",
        formula = `propOther Selected` ~ Sex * Group,
        contrasts = list(list(contrast = "none", variable = "Sex"), list(contrast = "none", variable =
"Group"), list(contrast = "none", variable = list("Sex", "Group"))),
        descriptivePlotErrorBar = TRUE,
        descriptivePlotErrorBarType = "se",
        descriptivePlotHorizontalAxis = "Group",
        descriptivePlotSeparateLines = "Sex",
        postHocCorrectionTukey = FALSE)
```

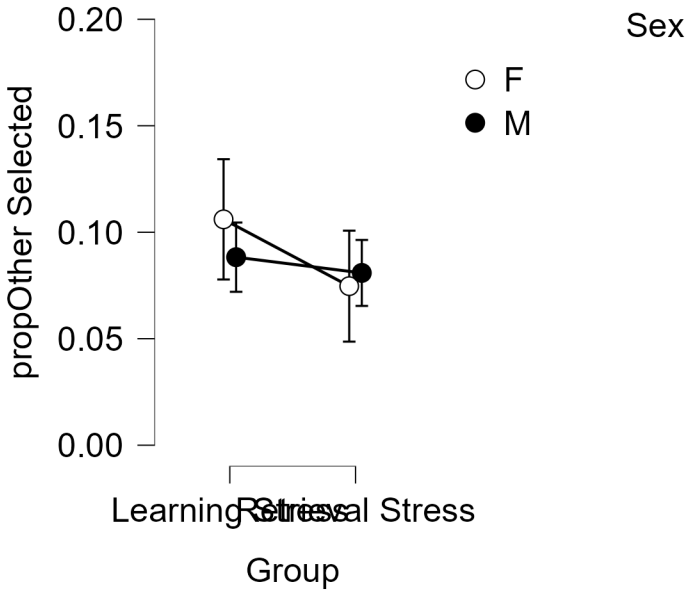
ANOVA - propOther Selected

Cases	Sum of Squares	df	Mean Square	F	p
Sex	3.039×10^{-4}	1	3.039×10^{-4}	0.078	0.782
Group	0.003	1	0.003	0.875	0.356
Sex ✻ Group	0.001	1	0.001	0.334	0.567
Residuals	0.141	36	0.004		

Note. Type III Sum of Squares

Descriptives

Descriptives plots



GrpXSex on RespRate ANOVA

```
jaspAnova::Anova(
        version = "0.17.2",
        formula = `Response Rate` ~ Sex * Group,
        contrasts = list(list(contrast = "none", variable = "Sex"), list(contrast = "none", variable =
"Group"), list(contrast = "none", variable = list("Sex", "Group"))),
        descriptivePlotErrorBar = TRUE,
        descriptivePlotErrorBarType = "se",
        descriptivePlotHorizontalAxis = "Group",
        descriptivePlotSeparateLines = "Sex",
        postHocCorrectionTukey = FALSE)
```

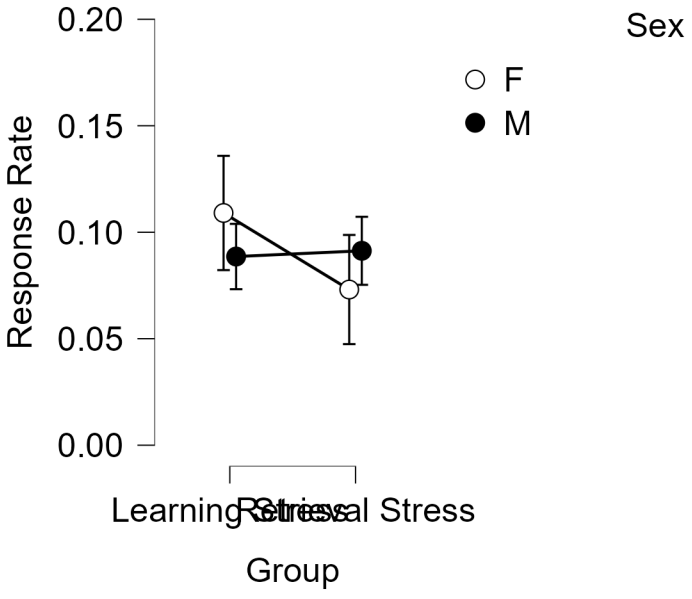
ANOVA - Response Rate

Cases	Sum of Squares	df	Mean Square	F	p
Sex	1.173×10^{-5}	1	1.173×10^{-5}	0.003	0.956
Group	0.003	1	0.003	0.674	0.417
Sex ✻ Group	0.003	1	0.003	0.910	0.346
Residuals	0.134	36	0.004		

Note. Type III Sum of Squares

Descriptives

Descriptives plots



LinReg Nodes - Grp+Sex controlling Other

```
jaspRegression::RegressionLinear(
        version = "0.17.2",
        formula = `propNodes Selected` ~ Sex + Group + `propOther Selected`,
        covariates = "propOther Selected")
```

Model Summary - propNodes Selected

Model	R	R^2	Adjusted R^2	RMSE
H_0	0.000	0.000	0.000	0.092
H_1	0.492	0.242	0.179	0.084

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.081	3	0.027	3.834	0.018
	Residual	0.252	36	0.007		
	Total	0.333	39			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized[a]	t	p
H_0	(Intercept)	0.106	0.015		7.246	< .001
H_1	(Intercept)	0.020	0.034		0.578	0.567
	propOther Selected	0.733	0.222	0.483	3.299	0.002
	Group (Retrieval Stress)	0.012	0.027		0.436	0.665
	Sex (M)	0.026	0.028		0.938	0.355

[a] Standardized coefficients can only be computed for continuous predictors.

LinReg Lags - Grp+Sex controlling Other

```
jaspRegression::RegressionLinear(
        version = "0.17.2",
        formula = `propLag Selected` ~ Sex + Group + `propOther Selected`,
        covariates = "propOther Selected")
```

Model Summary - propLag Selected

Model	R	R^2	Adjusted R^2	RMSE
H_0	0.000	0.000	0.000	0.076
H_1	0.729	0.531	0.492	0.054

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.118	3	0.039	13.594	< .001
	Residual	0.104	36	0.003		
	Total	0.223	39			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized[a]	t	p
H_0	(Intercept)	0.092	0.012		7.736	< .001
H_1	(Intercept)	-9.273×10^{-4}	0.022		−0.042	0.966
	propOther Selected	0.911	0.143	0.735	6.378	< .001
	Group (Retrieval Stress)	0.020	0.017		1.146	0.259
	Sex (M)	0.007	0.018		0.393	0.696

[a] Standardized coefficients can only be computed for continuous predictors.

GrpXSex on Nodes con age, blcort, prop other ANCOVA

```
jaspAnova::Ancova(
        version = "0.17.2",
        formula = `propNodes Selected` ~ Sex * Group + `propOther Selected` + `Cortisol Measure 1` + Age,
        covariates = list("Age", "Cortisol Measure 1", "propOther Selected"),
        contrasts = list(list(contrast = "none", variable = "Sex"), list(contrast = "none", variable =
"Group"), list(contrast = "none", variable = list("Sex", "Group"))),
        rainCloudHorizontalAxis = "Group")
```

ANCOVA - propNodes Selected

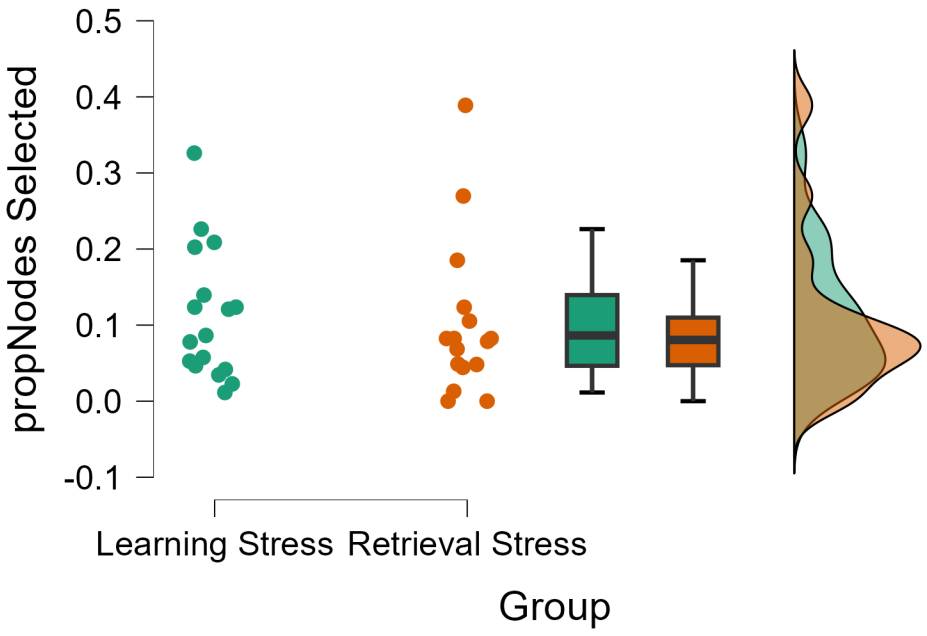
Cases	Sum of Squares	df	Mean Square	F	p
Sex	0.018	1	0.018	2.583	0.120
Group	0.007	1	0.007	0.987	0.330
propOther Selected	0.034	1	0.034	4.954	0.035
Sex ✻ Group	0.037	1	0.037	5.386	0.028
Age	0.008	1	0.008	1.228	0.278
Cortisol Measure 1	0.032	1	0.032	4.744	0.039
Residuals	0.176	26	0.007		

Note. Type III Sum of Squares

Descriptives

Raincloud plots

propNodes Selected



GrpXSex on Lag con age, blcort, prop other ANCOVA

```
jaspAnova::Ancova(
        version = "0.17.2",
        formula = `propLag Selected` ~ Sex * Group + `propOther Selected` + `Cortisol Measure 1` + Age,
        covariates = list("Age", "Cortisol Measure 1", "propOther Selected"),
        contrasts = list(list(contrast = "none", variable = "Sex"), list(contrast = "none", variable =
"Group"), list(contrast = "none", variable = list("Sex", "Group"))),
        rainCloudHorizontalAxis = "Group")
```

ANCOVA - propLag Selected

Cases	Sum of Squares	df	Mean Square	F	p
Sex	2.422×10^{-4}	1	2.422×10^{-4}	0.071	0.792
Group	0.003	1	0.003	0.947	0.339
propOther Selected	0.059	1	0.059	17.303	< .001
Sex ✻ Group	3.329×10^{-5}	1	3.329×10^{-5}	0.010	0.922
Age	2.568×10^{-6}	1	2.568×10^{-6}	7.551×10^{-4}	0.978
Cortisol Measure 1	0.004	1	0.004	1.282	0.268
Residuals	0.088	26	0.003		

Note. Type III Sum of Squares

Descriptives

Raincloud plots

propLag Selected