# Results

# **Descriptive Statistics**

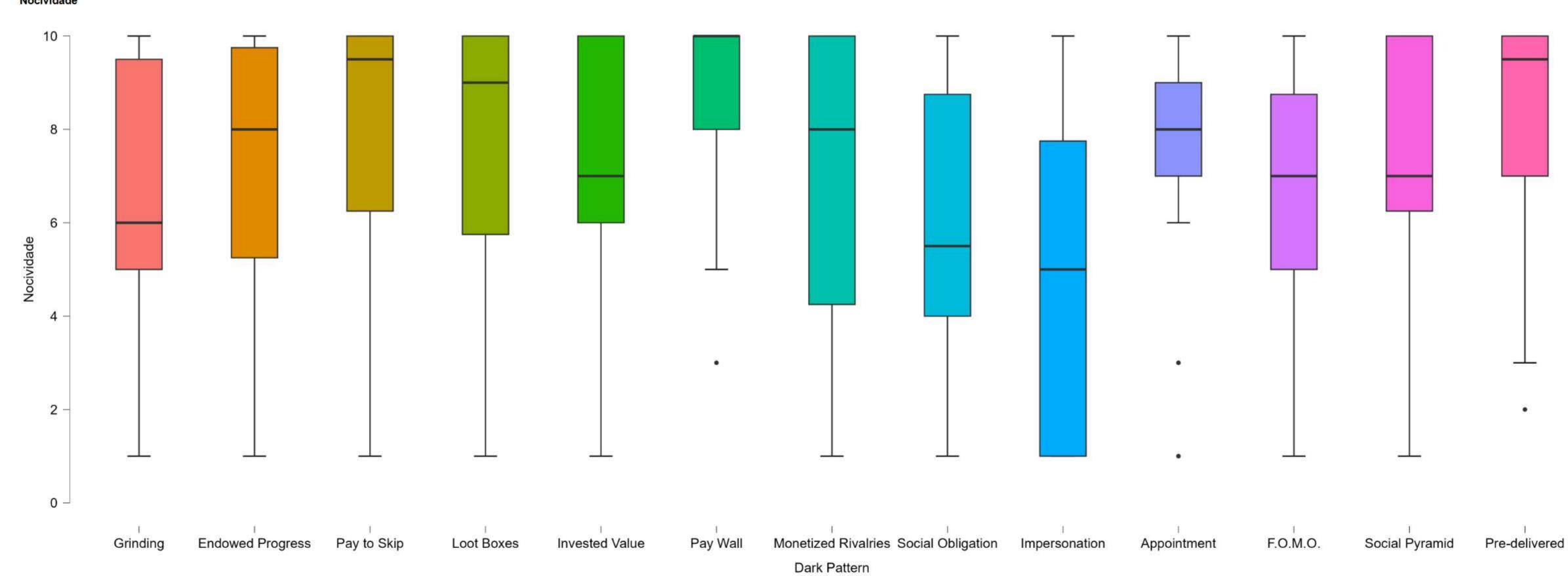
Descriptive Statistics

		Nocividade											
	Grinding	Endowed Progress	Pay to Skip	Loot Boxes	Invested Value	Pay Wall	Monetized Rivalries	Social Obligation	Impersonation	Appointment	F.O.M.O.	Social Pyramid	Pre-delivered
Mode	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	1.000	8.000	10.000	7.000	10.000
Median	6.000	8.000	9.500	9.000	7.000	10.000	8.000	5.500	5.000	8.000	7.000	7.000	9.500
Mean	6.500	7.033	7.833	7.833	7.267	8.833	7.100	5.867	4.867	7.400	6.633	7.033	8.167
Std. Deviation	2.764	2.723	2.972	2.984	2.651	1.840	3.122	3.060	3.329	2.472	2.953	2.834	2.479
Shapiro-Wilk	0.921	0.891	0.746	0.739	0.875	0.694	0.833	0.912	0.876	0.816	0.885	0.844	0.761
P-value of Shapiro-Wilk	0.028	0.005	< .001	< .001	0.002	< .001	< .001	0.017	0.002	< .001	0.004	< .001	< .001
	707 302 740	5000 900											

a The mode is computed assuming that variables are discrete.

## Boxplots

Nocividade



## Kruskal-Wallis Test

Kruskal-Wallis Test

Factor	Statistic	df	p
Dark Pattern	43.967	12	< .001

# Dunnett ▼

Loot Boxes - Grinding

Pay Wall - Grinding

Invested Value - Grinding

Monetized Rivalries - Grinding

Social Obligation - Grinding Impersonation - Grinding

Appointment - Grinding

Social Pyramid - Grinding

Pre-delivered - Grinding

F.O.M.O. - Grinding

Comparison	Moon Difference
Dunnett Post Hoc Comparisons -	Dark Pattern ▼

Comparison	Mean Difference	SE	t	
Endowed Progress - Grinding	0.533	0.725	0.736	
Pay to Skip - Grinding	1.333	0.725	1.840	

1.333

0.767

2.333

0.600

-0.633

-1.633

0.900

0.133

0.533

1.667

0.725

0.725

0.725

0.725

0.725

0.725

0.725

0.725

0.725

0.725

Pdunnett

0.995

0.397

0.930

0.014

0.987

0.981

0.180

0.834

1.000

0.995

0.163

1.840

1.058

3.220

0.828

-0.874

-2254

1.242

0.184

0.736

2.300

Post Hoc Tests ▼

Loot Boxes - Grinding

Pay Wall - Grinding

Invested Value - Grinding

Monetized Rivalries - Grinding

Social Obligation - Grinding

Impersonation - Grinding

Social Pyramid - Grinding

Pre-delivered - Grinding

Appointment - Grinding F.O.M.O. - Grinding

### Dunnett ▼

Dunnett Post Hoc Comparisons - Dark Pattern ▼	•
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Comparison	Mean Difference
Endowed Progress - Grinding	0.533
Pay to Skip - Grinding	1.333

SE

0.725

0.725

0.725

0.725

0.725

0.725

0.725

0.725

0.725

0.725

0.725

0.725

1.333

0.767

2.333

0.600

-0.633

-1.633

0.900

0.133

0.533

1.667

Pdunnett

0.995

0.396

0.397

0.930

0.014

0.987

0.981

0.180

0.834

1.000

0.995

0.163

0.736

1.840

1.840

1 058

3.220

0.828

-0.874

-2.254

1.242

0.184

0.736

2.300

#### **Post Hoc Tests**

#### Dunnett

Dunnett Post Hoc Comparisons - Dark Pattern

Comparison	Mean Difference	SE	t	p <sub>dunnett</sub>
Endowed Progress - Grinding	0.533	0.725	0.736	0.995
Pay to Skip - Grinding	1.333	0.725	1.840	0.396
Loot Boxes - Grinding	1.333	0.725	1.840	0.397
Invested Value - Grinding	0.767	0.725	1.058	0.930
Pay Wall - Grinding	2.333	0.725	3.220	0.014
Monetized Rivalries - Grinding	0.600	0.725	0.828	0.987
Social Obligation - Grinding	-0.633	0.725	-0.874	0.981
Impersonation - Grinding	-1.633	0.725	-2.254	0.180
Appointment - Grinding	0.900	0.725	1.242	0.834
F.O.M.O Grinding	0.133	0.725	0.184	1.000
Social Pyramid - Grinding	0.533	0.725	0.736	0.995
Pre-delivered - Grinding	1.667	0.725	2.300	0.163

Note. Results based on uncorrected means.