

## ΨΧ126 Άσκηση 4<sup>η</sup>

### Συγκεντρωτικό Αρχείο Αναλύσεων

**Ανάλυση 1<sup>η</sup>:** Αξιοπιστία εσωτερικής συνέπειας της κλίμακας Εξάρτηση από τα Μέσα Κοινωνικής Δικτύωσης (Bergen Social Media Addiction Scale · Andreassen et al., 2016).

#### Αποτελέσματα από το SPSS

**Case Processing Summary**

		N	%
Cases	Valid	237	99.6
	Excluded <sup>a</sup>	1	.4
	Total	238	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.824	.826	6

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
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[spent a lot of time thinking about social media or planned use of social media?]	11.9367	20.517	.531	.380	.809
[felt an urge to use social media more and more?]	11.9156	19.484	.680	.520	.777
[used social media to forget about personal problems?]	12.0211	19.538	.572	.380	.801
[tried to cut down on the use of social media without success?]	12.6878	20.199	.641	.421	.786
[become restless or troubled if you have been prohibited from using social media?]	12.9072	20.771	.592	.392	.796
[used social media so much that it has had a negative impact on your job/studies?]	12.8565	20.293	.547	.358	.806

**Ανάλυση 2<sup>η</sup>:** Σύγκριση περισσότερων των δύο μέσων όρων (ανάλυση διακύμανσης)

**Between-Subjects Factors**

	Value Label	N
occupational	1.00 unemployed	69
	2.00 part-time employed	44
3.00 full-time employed		86

**Descriptive Statistics**

Dependent Variable: Total BSMAS

occupational	Mean	Std. Deviation	N
unemployed	15.0725	5.35042	69
part-time employed	14.2955	5.49240	44
full-time employed	15.1628	5.12172	86

Total	14.9397	5.26916	199
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### Tests of Between-Subjects Effects

Dependent Variable: Total BSMAS

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	23.759 <sup>a</sup>	2	11.879	.425	.654	.004
Intercept	40595.045	1	40595.045	1453.659	.000	.881
occupational	23.759	2	11.879	.425	.654	.004
Error	5473.518	196	27.926			
Total	49913.000	199				
Corrected Total	5497.276	198				

a. R Squared = .004 (Adjusted R Squared = -.006)

### occupational

Dependent Variable: Total BSMAS

occupational	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
unemployed	15.072	.636	13.818	16.327
part-time employed	14.295	.797	12.724	15.867
full-time employed	15.163	.570	14.039	16.287

### Multiple Comparisons

Dependent Variable: Total BSMAS

Scheffe

(I) occupational	(J) occupational	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
unemployed	part-time employed	.7770	1.01951	.748	-1.7377	3.2917
	full-time employed	-.0903	.85408	.994	-2.1970	2.0163
part-time employed	unemployed	-.7770	1.01951	.748	-3.2917	1.7377
	full-time employed	-.8673	.97949	.676	-3.2833	1.5487
full-time employed	unemployed	.0903	.85408	.994	-2.0163	2.1970
	part-time employed	.8673	.97949	.676	-1.5487	3.2833

Based on observed means.

The error term is Mean Square(Error) = 27.926.

**Total BSMAS**

Scheffe<sup>a,b,c</sup>

occupational	N	Subset
		1
part-time employed	44	14.2955
unemployed	69	15.0725
full-time employed	86	15.1628
Sig.		.662

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 27.926.

- a. Uses Harmonic Mean Sample Size = 61.415.
- b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.
- c. Alpha = .05.

**Ανάλυση 3<sup>η</sup>:** Συνάφεια μεταξύ της εξάρτησης από τα μέσα κοινωνικής δικτύωσης (BSMAS) και του

**Αποτελέσματα από το SPSS**

		Total BSMAS	upps.tot
Total BSMAS	Pearson Correlation	1	.215**
	Sig. (2-tailed)		.002
	N	237	213
upps.tot	Pearson Correlation	.215**	1
	Sig. (2-tailed)	.002	
	N	213	213

\*\* . Correlation is significant at the 0.01 level (2-tailed).

**Ανάλυση 4<sup>η</sup>:** Στατιστική πρόβλεψη (ανάλυση πολλαπλής παλινδρόμησης)

**Αποτελέσματα από το SPSS**

**Descriptive Statistics**

	Mean	Std. Deviation	N
Total BSMAS	14.7708	5.19258	192
upps.tot	42.4792	8.35593	192
Age	32.1302083333333	11.168332378824	192
	34	925	
Sex	.5313	.50033	192

**Correlations**

		Total BSMAS	upps.tot	Age	Sex
Pearson Correlation	Total BSMAS	1.000	.201	-.201	.174
	upps.tot	.201	1.000	-.224	-.032
	Age	-.201	-.224	1.000	-.012
	Sex	.174	-.032	-.012	1.000
Sig. (1-tailed)	Total BSMAS	.	.003	.003	.008
	upps.tot	.003	.	.001	.328
	Age	.003	.001	.	.437
	Sex	.008	.328	.437	.
N	Total BSMAS	192	192	192	192
	upps.tot	192	192	192	192
	Age	192	192	192	192
	Sex	192	192	192	192

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Sex, Age, upps.tot <sup>b</sup>	.	Enter

a. Dependent Variable: Total BSMAS

b. All requested variables entered.

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.312 <sup>a</sup>	.097	.083	4.97223

a. Predictors: (Constant), Sex, Age, upps.tot

**ANOVA<sup>a</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	501.978	3	167.326	6.768	.000 <sup>b</sup>
	Residual	4647.938	188	24.723		
	Total	5149.917	191			

a. Dependent Variable: Total BSMAS

b. Predictors: (Constant), Sex, Age, upps.tot

Coefficients<sup>a</sup>

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B		Correlations			Collinearity Statistics		
	B	Std. Error	Beta			Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF	
1	(Constant)	11.693	2.427		4.818	.000	6.906	16.481					
	uups.tot	.106	.044	.170	2.397	.018	.019	.193	.201	.172	.166	.949	1.054
	Age	-.075	.033	-.161	-2.262	.025	-.140	-.010	-.201	-.163	-.157	.950	1.053
	Sex	1.845	.720	.178	2.563	.011	.425	3.264	.174	.184	.178	.999	1.001

a. Dependent Variable: Total BSMAS