

**RESEARCH PROJECT PARTICIPANTS:  
INSTRUCTORS**

The ODLEP questionnaire survey collected 235 responses from University Instructors across six participating Universities and the results identify statistically significant differences among the personality traits of the female and male participating Educators.

**ODLEP SURVEY INSTRUCTORS' GENDER AND  
PERSONALITY TRAITS: INDEPENDENT SAMPLES TEST**

The ODLEP project is funded by I.K.Y., the Erasmus+ National Agency in Greece (**Erasmus+ Programme Cooperation Partnership in Higher Education Key Action 2, Project reference No: 2022-1-EL01-KA220-HED-000089152**). Self-reported personality traits of all participating Instructors were measured on a scale assessing the Five Personality Factors of the Big Five Model and more specifically **extraversion, conscientiousness, agreeableness, neuroticism and**

**openness to experience.** Table 1 below summarizes the personality traits of all University Instructors who participated in the survey. Values range from 0-5, and higher values indicate the higher presence of the specific characteristic. Table 1 presents the average scores per gender.

Personality Traits	Gender	N	Mean	Std. Deviation	Std. Error Mean
AGREEABLENESS	FEMALE	102	3,5964	0,47282	0,04682
	MALE	133	3,5000	0,47827	0,04147
EXTRAVERSION	FEMALE	102	3,6193	0,60679	0,06008
	MALE	133	3,5351	0,63034	0,05466
NEUROTICISM	FEMALE	102	2,3860	0,62391	0,06178
	MALE	133	2,4229	0,67433	0,05847
OPENNESS TO EXPERIENCE	FEMALE	102	3,9010	0,51218	0,05071
	MALE	133	3,7673	0,49056	0,04254
CONSCIENTIOUSNESS	FEMALE	102	4,0873	0,50789	0,05029
	MALE	133	3,9090	0,54820	0,04754

**Table 1.** University Instructors Personality Traits – Average Scores per Gender

An independent-samples t-test was conducted to compare personality characteristics' scores for Instructors assigned by female and male survey-participants. The results are presented in detail in the following Table 2. Firstly, mean and standard deviation among male and female educators per personality trait attributes are presented. Then follows, data relevant to: "Personality Traits", "t value", "Degrees of Freedom", and the value of "p" (2-tailed significance). Levene's test for equality of variances has taken place, in order to choose the appropriate data to interpret, based on the validity of the assumption of equal variances. The data reveals that there was a statistically significant difference in the scores among male and female Instructors. There existed personality traits where the independent sample t-test did not identify statistically significant differences. It is very interesting to mention that female Instructors scored higher to all considered attributes except Neuroticism.

Personality Trait		Levene's Test for Equality of Variances		t-test for Equality of Means							
		F	Sig.	t	df	Significance		Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
						One-Sided p	Two-Sided p			Lower	Upper
AGREEABLENESS	Equal variances assumed	0,022	0,883	1,539	233	0,063	0,125	0,09641	0,06264	-0,02700	0,21982
	Equal variances not assumed			1,541	218,673	0,062	0,125	0,09641	0,06254	-0,02686	0,21967
EXTRAVERSION	Equal variances assumed	1,574	0,211	1,031	233	0,152	0,303	0,08419	0,08163	-0,07664	0,24503
	Equal variances not assumed			1,037	221,350	0,151	0,301	0,08419	0,08122	-0,07588	0,24426
NEUROTICISM	Equal variances assumed	1,309	0,254	-0,429	233	0,334	0,668	-0,03690	0,08594	-0,20622	0,13241
	Equal variances not assumed			-0,434	224,910	0,332	0,665	-0,03690	0,08506	-0,20452	0,13071
OPENNESS TO EXPERIENCE	Equal variances assumed	0,023	0,880	2,031	233	0,022	<b>0,043</b>	0,13369	0,06581	0,00402	0,26335
	Equal variances not assumed			2,020	212,592	0,022	0,045	0,13369	0,06619	0,00321	0,26416
CONSCIENTIOUSNESS	Equal variances assumed	1,434	0,232	2,550	233	0,006	<b>0,011</b>	0,17823	0,06990	0,04051	0,31595
	Equal variances not assumed			2,576	224,799	0,005	0,011	0,17823	0,06920	0,04187	0,31459

**Table 2.** Independent Samples Test

In the whole Instructors' group the statistically significant differences focus on: Conscientiousness and Openness to Experience. According to the tables female educators score higher in all personality traits except Neuroticism.