

## T-Test VOICE VS CHAT

### Notes

Output Created		17-DEC-2025 13:37:31
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=A__1 WITH A__2 (PAIRED) /ES DISPLAY(TRUE) STANDARDIZER(SD) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00

### Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	A__1 When using this AI tool to talk about my mental health, I would feel comfortable communicating through chat.	4.86	108	1.579	.152
	A__2 When using this AI tool to talk about my mental health, I would feel comfortable communicating by voice.	3.62	108	1.781	.171

### Paired Samples Correlations

		N	Correlation	Significance	
				One-Sided p	Two-Sided p
Pair 1	A__1 When using this AI tool to talk about my mental health, I would feel comfortable communicating through chat. & A__2 When using this AI tool to talk about my mental health, I would feel comfortable communicating by voice.	108	.440	<.001	<.001

### Paired Samples Test

		Paired Differences			95% Confidence ...
		Mean	Std. Deviation	Std. Error Mean	Lower
Pair 1	A__1 When using this AI tool to talk about my mental health, I would feel comfortable communicating through chat. - A__2 When using this AI tool to talk about my mental health, I would feel comfortable communicating by voice.	1.241	1.787	.172	.900

### Paired Samples Test

		Paired ...			Significance
		95% Confidence Interval of the ...	t	df	One-Sided p
		Upper			
Pair 1	A__1 When using this AI tool to talk about my mental health, I would feel comfortable communicating through chat. - A__2 When using this AI tool to talk about my mental health, I would feel comfortable communicating by voice.	1.582	7.215	107	<.001

### Paired Samples Test

Significance

		Two-Sided p
Pair 1	A__1 When using this AI tool to talk about my mental health, I would feel comfortable communicating through chat. - A__2 When using this AI tool to talk about my mental health, I would feel comfortable communicating by voice.	<.001

### Paired Samples Effect Sizes

			Standardizer <sup>a</sup>	Point Estimate
Pair 1	A__1 When using this AI tool to talk about my mental health, I would feel comfortable communicating through chat. - A__2 When using this AI tool to talk about my mental health, I would feel comfortable communicating by voice.	Cohen's d	1.787	.694
		Hedges' correction	1.800	.689

### Paired Samples Effect Sizes

			95% Confidence Interval	
			Lower	Upper
Pair 1	A__1 When using this AI tool to talk about my mental health, I would feel comfortable communicating through chat. - A__2 When using this AI tool to talk about my mental health, I would feel comfortable communicating by voice.	Cohen's d	.483	.903
		Hedges' correction	.479	.897

a. The denominator used in estimating the effect sizes.

Cohen's d uses the sample standard deviation of the mean difference.

Hedges' correction uses the sample standard deviation of the mean difference, plus a correction factor.

### General Linear Model: Verschil tussen dashboard niveau's

## Notes

Output Created		17-DEC-2025 14:10:42
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		GLM Laura_Features_2_1 Laura_Features_2_2 Laura_Features_2_3 Laura_Features_2_4  /WSFACTOR=Dashboard 4 Polynomial /METHOD=SSTYPE(3) /EMMEANS=TABLES (Dashboard) /PRINT=DESCRIPTIVE ETASQ /CRITERIA=ALPHA(.05)  /WSDSIGN=Dashboard.
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,00

## Within-Subjects Factors

Measure: MEASURE\_1

Dashboard	Dependent Variable
1	Laura_Features_2_1
2	Laura_Features_2_2
3	Laura_Features_2_3
4	Laura_Features_2_4

### Descriptive Statistics

	Mean	Std. Deviation	N
Laura_Features_2_1 This AI tool would analyse general patterns in users' data, such as stress levels or wellbeing indicators, in an anonymised and aggregated way. The resulting insights could be used to improve the work environment. - I would feel comfortable with the display of an organisational energy score in an employer dashboard.	4.75	1.767	108
Laura_Features_2_2 This AI tool would analyse general patterns in users' data, such as stress levels or wellbeing indicators, in an anonymised and aggregated way. The resulting insights could be used to improve the work environment. - I would feel comfortable with the display of a burnout risk percentage in an employer dashboard, on the level of the organization.	5.01	1.597	108

### Descriptive Statistics

	Mean	Std. Deviation	N
Laura_Features_2_3 This AI tool would analyse general patterns in users' data, such as stress levels or wellbeing indicators, in an anonymised and aggregated way. The resulting insights could be used to improve the work environment. - I would feel comfortable with the display of a burnout risk percentage in an employer dashboard, on the level of my department.	4.63	1.770	108
Laura_Features_2_4 This AI tool would analyse general patterns in users' data, such as stress levels or wellbeing indicators, in an anonymised and aggregated way. The resulting insights could be used to improve the work environment. - I would feel comfortable with the display of a burnout risk percentage in an employer dashboard, on the level of my team.	4.11	1.896	108

### Multivariate Tests<sup>a</sup>

Effect		Value	F	Hypothesis df	Error df	Sig.
Dashboard	Pillai's Trace	.274	13.183 <sup>b</sup>	3.000	105.000	<.001
	Wilks' Lambda	.726	13.183 <sup>b</sup>	3.000	105.000	<.001
	Hotelling's Trace	.377	13.183 <sup>b</sup>	3.000	105.000	<.001
	Roy's Largest Root	.377	13.183 <sup>b</sup>	3.000	105.000	<.001

### Multivariate Tests<sup>a</sup>

Effect		Partial Eta Squared
Dashboard	Pillai's Trace	.274
	Wilks' Lambda	.274
	Hotelling's Trace	.274
	Roy's Largest Root	.274

a. Design: Intercept  
Within Subjects Design: Dashboard

b. Exact statistic

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon <sup>b</sup> Greenhouse-Geisser
Dashboard	.513	70.490	5	<.001	.727

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

Within Subjects Effect	Epsilon <sup>b</sup>	
	Huynh-Feldt	Lower-bound
Dashboard	.743	.333

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. Design: Intercept

Within Subjects Design: Dashboard

b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

### Tests of Within-Subjects Effects

Measure: MEASURE\_1

Source		Type III Sum of Squares	df	Mean Square	F
Dashboard	Sphericity Assumed	46.157	3	15.386	17.040
	Greenhouse-Geisser	46.157	2.181	21.161	17.040
	Huynh-Feldt	46.157	2.228	20.713	17.040
	Lower-bound	46.157	1.000	46.157	17.040
Error(Dashboard)	Sphericity Assumed	289.843	321	.903	
	Greenhouse-Geisser	289.843	233.397	1.242	
	Huynh-Feldt	289.843	238.439	1.216	
	Lower-bound	289.843	107.000	2.709	

### Tests of Within-Subjects Effects

Measure: MEASURE\_1

Source		Sig.	Partial Eta Squared
Dashboard	Sphericity Assumed	<.001	.137
	Greenhouse-Geisser	<.001	.137
	Huynh-Feldt	<.001	.137
	Lower-bound	<.001	.137
Error(Dashboard)	Sphericity Assumed		
	Greenhouse-Geisser		
	Huynh-Feldt		
	Lower-bound		

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source	Dashboard	Type III Sum of Squares	df	Mean Square	F	Sig.
Dashboard	Linear	28.474	1	28.474	17.417	<.001
	Quadratic	16.333	1	16.333	21.400	<.001
	Cubic	1.350	1	1.350	4.344	.040
Error(Dashboard)	Linear	174.926	107	1.635		
	Quadratic	81.667	107	.763		
	Cubic	33.250	107	.311		

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source	Dashboard	Partial Eta Squared
Dashboard	Linear	.140
	Quadratic	.167
	Cubic	.039
Error(Dashboard)	Linear	
	Quadratic	
	Cubic	

### Tests of Between-Subjects Effects

Measure: MEASURE\_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	9240.750	1	9240.750	953.252	<.001	.899
Error	1037.250	107	9.694			

### Estimated Marginal Means

#### Dashboard

Measure: MEASURE\_1

Dashboard	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	4.750	.170	4.413	5.087
2	5.009	.154	4.705	5.314
3	4.630	.170	4.292	4.967
4	4.111	.182	3.749	4.473

### T-Test Ervaring met rapporteren van Mentale gezondheid en UWU



### Notes

Output Created		17-DEC-2025 14:15:54
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=AI_EX_1(1 2) /MISSING=ANALYSIS  /VARIABLES=UWU_Scale /ES DISPLAY(TRUE) /HOMOGENEITY DISPLAY(FALSE)...
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00

### Group Statistics

		AI_EX_1 I have previously talked to an AI tool about my mental health.		
		N	Mean	Std. Deviation
UWU_Scale Schaal van UWU_Items	Yes	22	3.5455	.75054
	No	86	2.6192	.97749

### Group Statistics

		AI_EX_1 I have previously talked to an AI tool about my mental health.	
		Std. Error Mean	
UWU_Scale Schaal van UWU_Items	Yes	.16002	
	No	.10541	

### Independent Samples Test

t-test for Equality of Means

		t	df	Significance One-Sided p
UWU_Scale Schaal van UWU_Items	Equal variances assumed	4.138	106	<.001
	Equal variances not assumed	4.834	41.259	<.001

### Independent Samples Test

t-test for Equality of Means

		Significance Two-Sided p	Mean Difference
UWU_Scale Schaal van UWU_Items	Equal variances assumed	<.001	.92627
	Equal variances not assumed	<.001	.92627

### Independent Samples Test

t-test for Equality of Means

		Std. Error Difference	95% Confidence ... Lower
UWU_Scale Schaal van UWU_Items	Equal variances assumed	.22384	.48248
	Equal variances not assumed	.19161	.53937

### Independent Samples Test

t-test for ...

95% Confidence  
Interval of the ...  
Upper

UWU_Scale Schaal van UWU_Items	Equal variances assumed	1.37006
	Equal variances not assumed	1.31316

### Independent Samples Effect Sizes

		Standardizer <sup>a</sup>	Point Estimate	95% ... Lower
UWU_Scale Schaal van UWU_Items	Cohen's d	.93690	.989	.500
	Hedges' correction	.94360	.982	.496
	Glass's delta	.97749	.948	.456

### Independent Samples Effect Sizes

95% ...  
Upper

UWU_Scale Schaal van UWU_Items	Cohen's d	1.473
	Hedges' correction	1.463
	Glass's delta	1.434

- a. The denominator used in estimating the effect sizes.  
Cohen's d uses the pooled standard deviation.  
Hedges' correction uses the pooled standard deviation, plus a correction factor.  
Glass's delta uses the sample standard deviation of the control (i.e., the second) group.