

Digital Transformation of Teaching and Perception at TU Graz from the Students' Perspective. Supplementary evaluations and tables

The following tables and figures are supplementary materials for the contribution of

Ebner, Martin; Mair, Bettina; De Marinis, C.; Müller, H.; Nagler, W.; Schön, S. & Thurner, S. (2022). *Digital Transformation of Teaching and Perception at TU Graz from the Students' Perspective: Developments from the Last 17 Years*. In: *Proceedings of ICL Conference 2022*, Vienna.



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Fig. 1. Responses to the items of the mean index “experiences with teaching within the Covid-19 pandemic” 2021. Students’ survey at TU Graz.

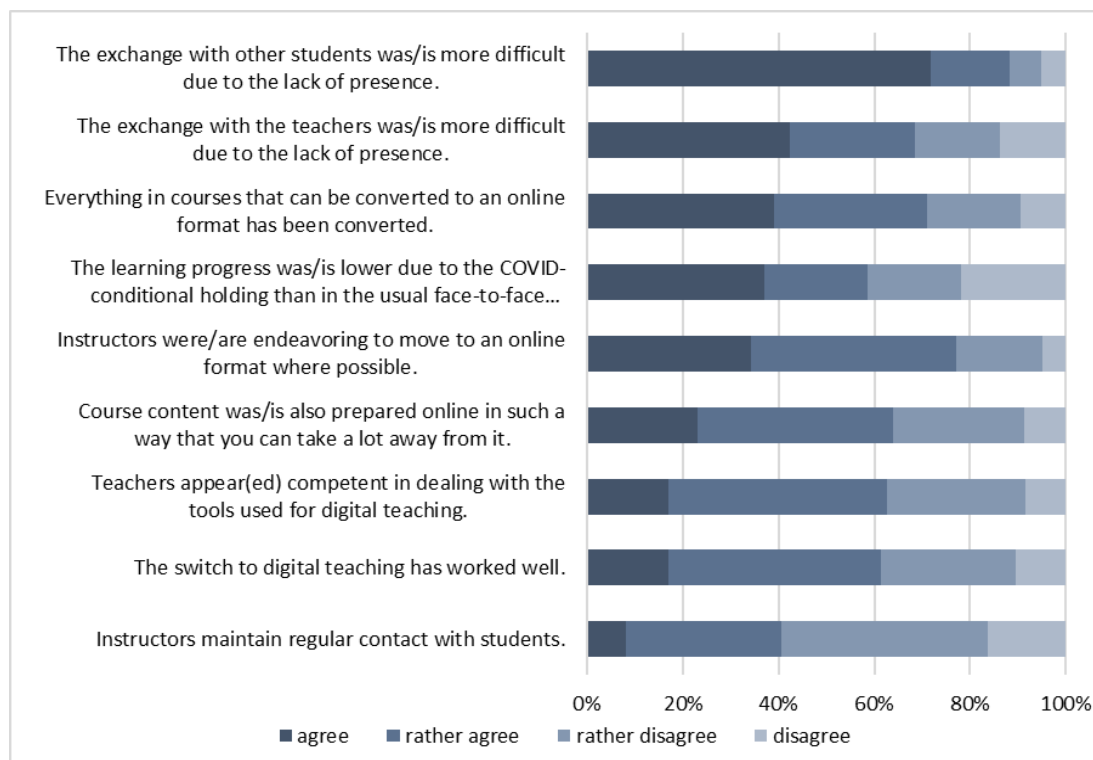


Fig. 2. Responses to similar attitude-related items in 2014 and 2021. Students' survey at TU Graz.

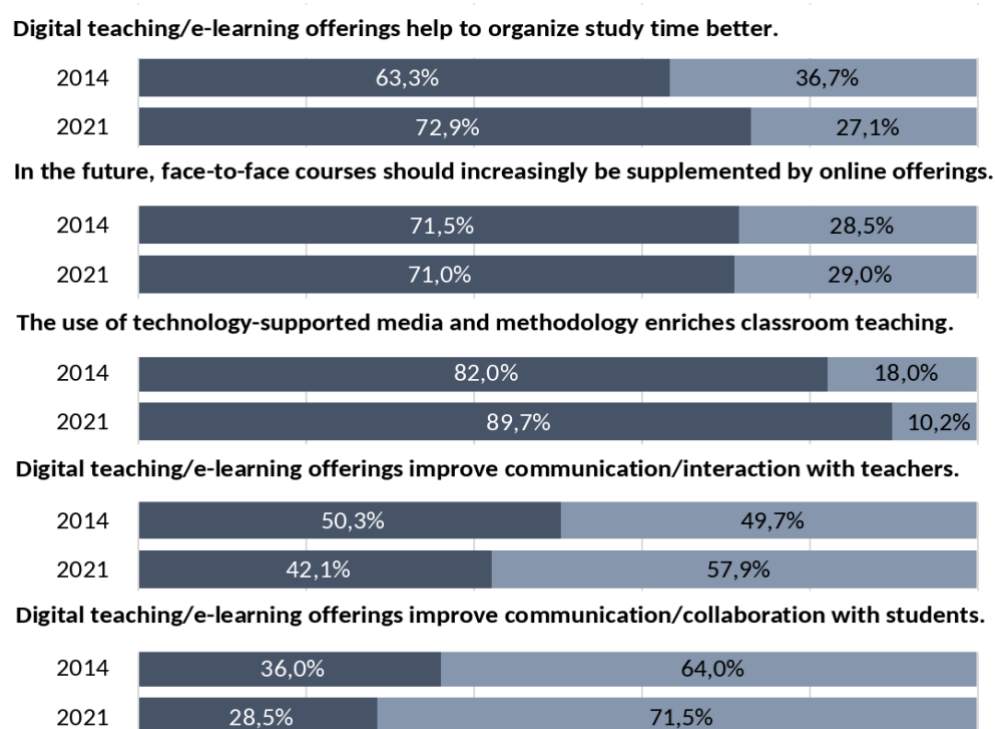


Table 1. Statistics of mean index “attitudes towards e-learning and digital teaching” 2014. Students' survey at TU Graz.

Mean		2.10
Std. Error		0.02
95% Confidence Interval for Mean	Lower Bound	2.07
	Upper Bound	2.13
Median		2.08
Std. Deviation		0.56
Minimum		1.00
Maximum		4.00
Skewness		0.58

Table 2. Correlation of mean index "attitudes towards e-learning and digital teaching" 2014 and usage, age, gender, occupation, and semester. Students' survey at TU Graz.

usage	Pearson	-,398**
	Sig. (2-tailed)	,000
	N	1320
age	Pearson	,063*
	Sig. (2-tailed)	,022
	N	1320
sex	Pearson	-,024
	Sig. (2-tailed)	,387
	N	1316
semester	Pearson	,033
	Sig. (2-tailed)	,236
	N	1312
occupation	Pearson	,015
	Sig. (2-tailed)	,591
	N	1314

Table 3. Statistics of mean index "Attitude towards e-learning and digital teaching" (2021). Students' survey at TU Graz.

Mean		2.09
Std. Error		0.02
95% Confidence Interval for Mean	Lower Bound	2.05
	Upper Bound	2.12
Median		2.00
Std. Deviation		0.59
Minimum		1.00
Maximum		4.00
Skewness		0.426

Table 4. Statistics of mean index "Covid-19: Experiences with teaching (2021)". Students' survey at TU Graz.

Mean		2.60
Std. Error		0.02
95% Confidence Interval for Mean	Lower Bound	2.56
	Upper Bound	2.63
Median		2.63
Std. Deviation		0.61
Minimum		1.00
Maximum		4.00
Skewness		-0.13

Table 5. Correlations of the index "attitude towards e-learning and digital teaching (2021)", the index "Covid-19: Experiences with teaching (2021)", age, sex, semester, and occupation. Students' survey at TU Graz.

		Digital Teaching attitude 2021 index	Covid-19 teaching experiences index
Covid-19 teaching experiences index	Pearson	,512**	1
	Sig. (2-tailed)	0.000	
	N	1062	1234
age	Pearson	-,165**	-,148**
	Sig. (2-tailed)	0.000	0.000
	N	1105	1164
sex	Pearson	0.055	0.054
	Sig. (2-tailed)	0.068	0.064
	N	1100	1161
semester	Pearson	-0.058	,065*
	Sig. (2-tailed)	0.056	0.029
	N	1078	1131
occupation	Pearson	-,123**	-0.024
	Sig. (2-tailed)	0.000	0.413
	N	1126	1198