



Erasmus+ Capacity Building in the Field
of Higher Education



Co-funded by the
Erasmus+ Programme
of the European Union

ASSET Pilots

Teachers' quantitative questionnaire

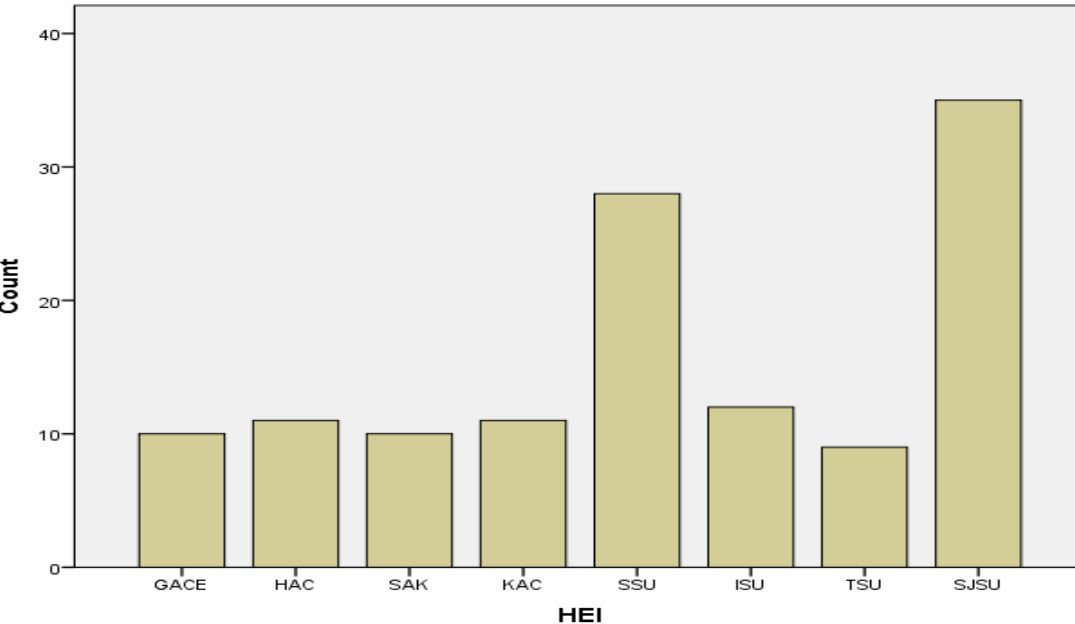
Assessment Tools for new learning
environments in higher education institutions

ASSET Project number 585587-EPP-1-2017-1-IL-EPPKA2-CBHE-JP



Total no. of
teachers who
filled in the
survey:
 $N = 126$

No. of teachers who conducted the pilots in each HEI



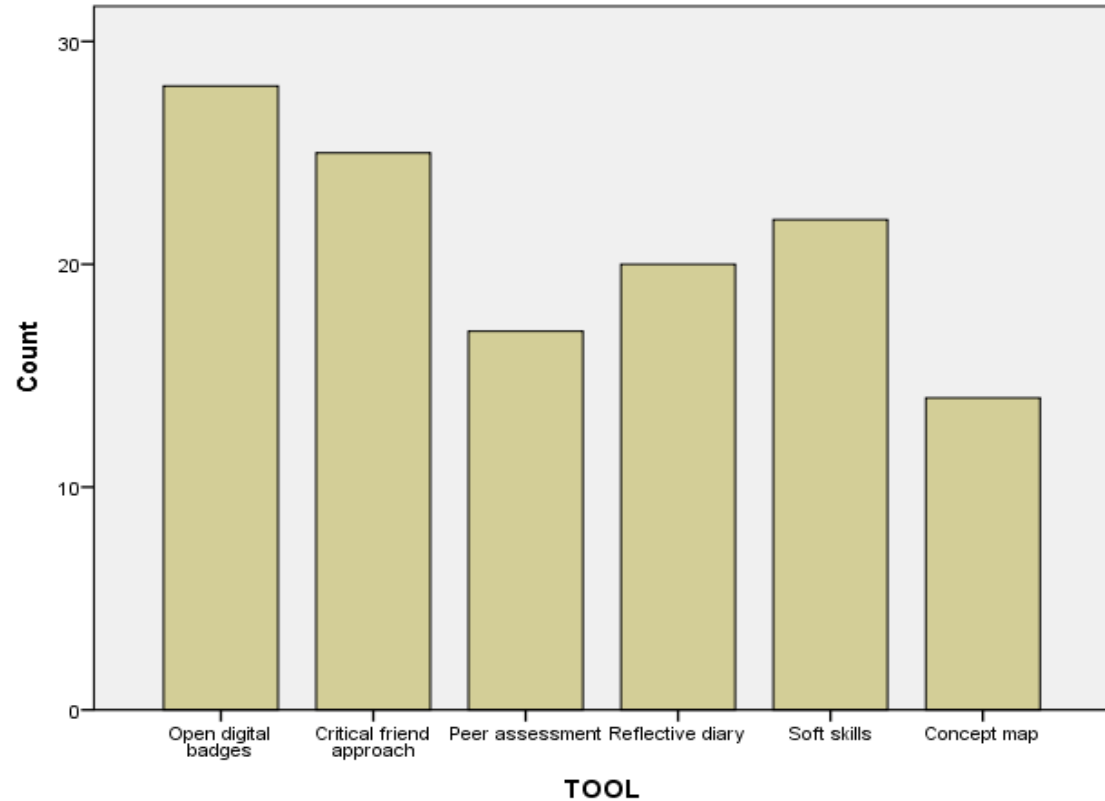
HEI	No. of teachers	Percent (of total participants)
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GACE	10	7.9
HAC	11	8.7
SAK	10	7.9
KAC	11	8.7
SSU	28	22.2
ISU	12	9.5
TSU	9	7.1
SJSU	35	27.8
Total	126	100.0

No. of teachers who conducted the pilots (by tools) in each HEI

		TOOL						Total
		Open digital badges	Critical friend approach	Peer assessment	Reflective diary	Soft skills	Concept map	
	GACE	1	4	0	2	3	0	10
	HAC	0	0	0	3	5	3	11
	SAK	0	0	2	1	0	7	10
	KAC	1	0	2	3	1	4	11
	SSU	10	5	6	3	4	0	28
	ISU	0	8	0	2	2	0	12
	TSU	4	0	3	1	1	0	9
	SJSU	12	7	4	5	7	0	35
Total		28	25	17	20	22	14	126

Teachers' distribution by tools





In Summary

- Total no. of teachers who conducted the pilots was $N = 126$.
- The highest number was reported in SJSU, followed by SSU.
- According to the application, 2- 4 pilots should have been conducted in each HEI (which means that 2 – 4 teachers should have participated in the pilots, a total of 36 teachers max).
- Most of the teachers piloted open digital badges, followed by critical friend approach and soft skills.
- **However, in practice, the minimum number of teachers who participated in the pilots was 9, the highest 35, and in total 126 participants which is 90 teachers more than expected.**

Teachers' questionnaire analysis

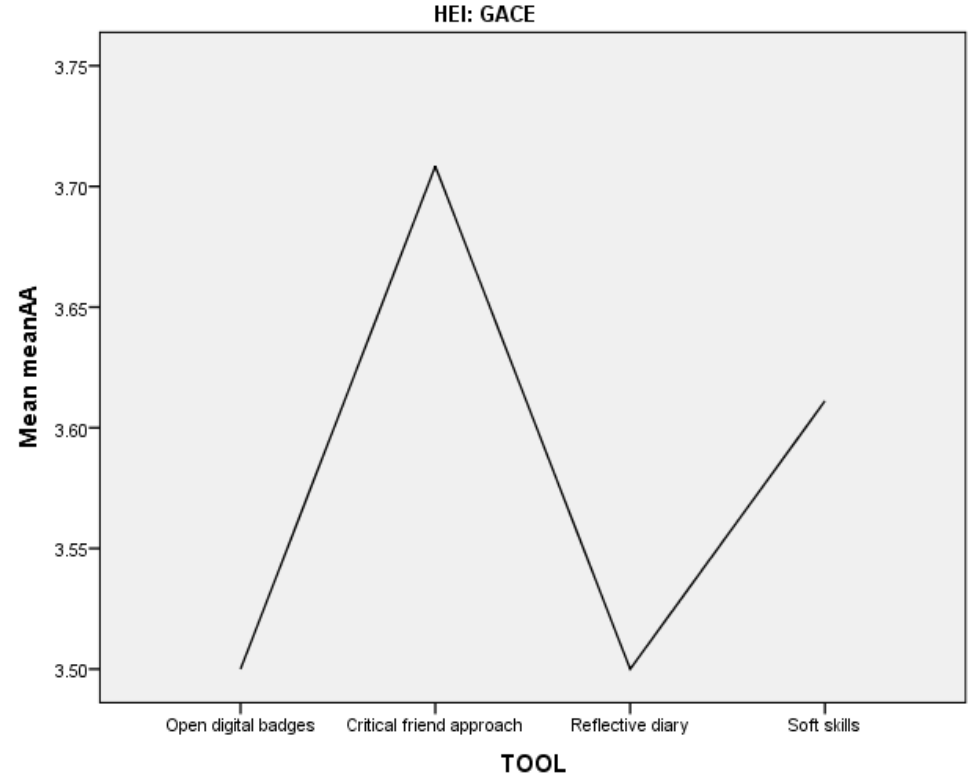
No.	Statement (scale 1 = Strongly Disagree; 4 = Strongly agree)
1	I have become more aware of new issues relating to assessment by using this tool
2	Through participation in this pilot I have gained a greater understanding of alternative assessment tools over traditional methods of assessment
3	Participation in this pilot enhanced my understanding of this assessment tool
4	Using this tool increased my motivation to adapt the course assignments to my students' needs
5	Participation in this pilot enabled me to engage my students in their learning
6	Following the use of this tool, I think that students should be more involved in the assessment process

Mean results for each ASSET tool by all teachers

	N	Mean	Std. Deviation
Open digital badges	28	3.9167	.22906
Critical friend approach	25	3.8467	.23034
Peer assessment	17	3.7255	.33303
Reflective diary	20	3.5667	.65650
Soft skills	22	3.7727	.26500
Concept map	14	3.6786	.17860
Total	126	3.7698	.36078

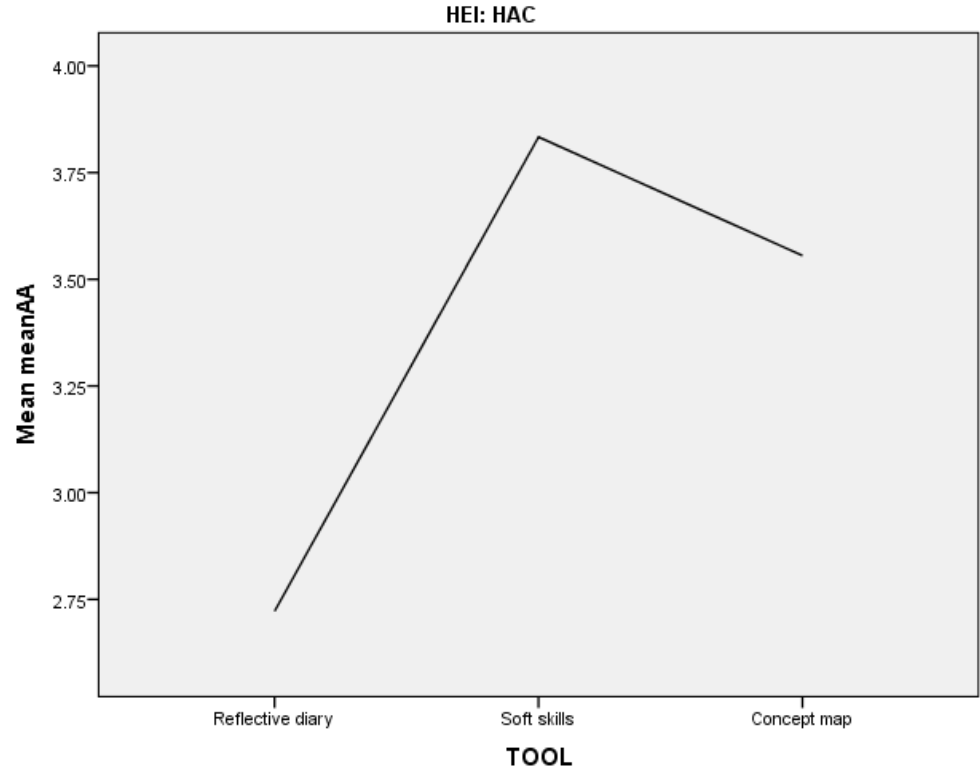
GACE Mean results for each ASSET tool

	N	Mean	Std. Deviation
Open digital badges	1	3.5000	.
Critical friend approach	4	3.7083	.47871
Reflective diary	2	3.5000	.23570
Soft skills	3	3.6111	.25459
Total	10	3.6167	.32442



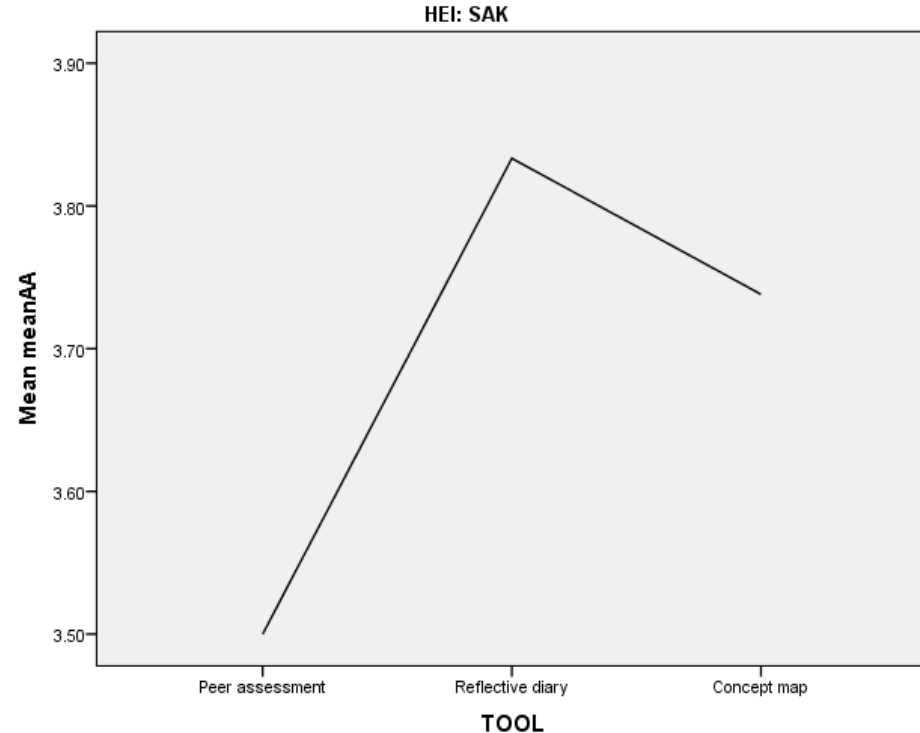
HAC Mean results for each ASSET tool

	N	Mean	Std. Deviation
Reflective diary	3	2.7222	1.43695
Soft skills	5	3.8333	.20412
Concept map	3	3.5556	.09623
Total	11	3.4545	.81681



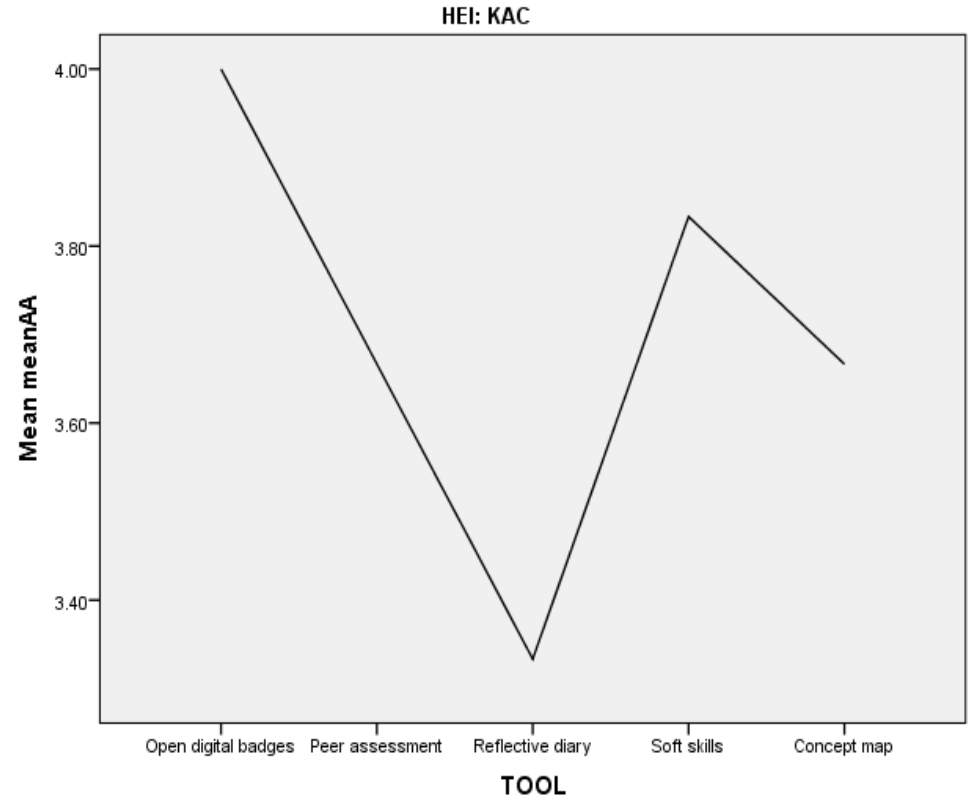
SAKH Mean results for each ASSET tool

	N	Mean	Std. Deviation
Peer assessment	2	3.5000	.70711
Reflective diary	1	3.8333	.
Concept map	7	3.7381	.21207
Total	10	3.7000	.31230



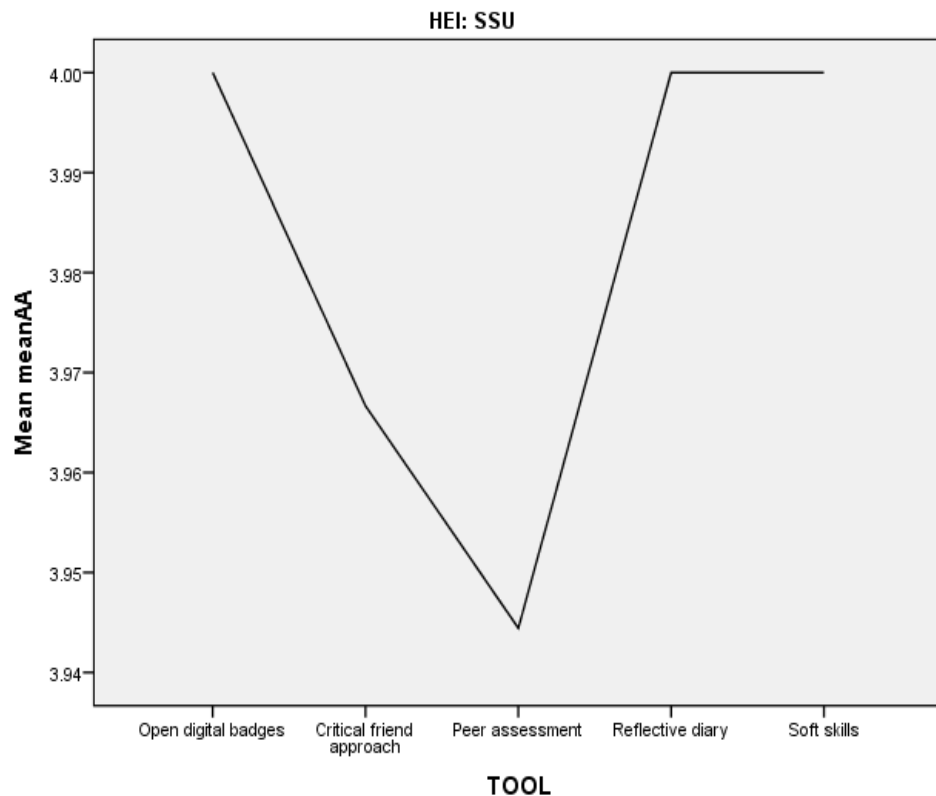
KAC Mean results for each ASSET tool

	N	Mean	Std. Deviation
Open digital badges	1	4.0000	.
Peer assessment	2	3.6667	.23570
Reflective diary	3	3.3333	.16667
Soft skills	1	3.8333	.
Concept map	4	3.6667	.13608
Total	11	3.6212	.24823



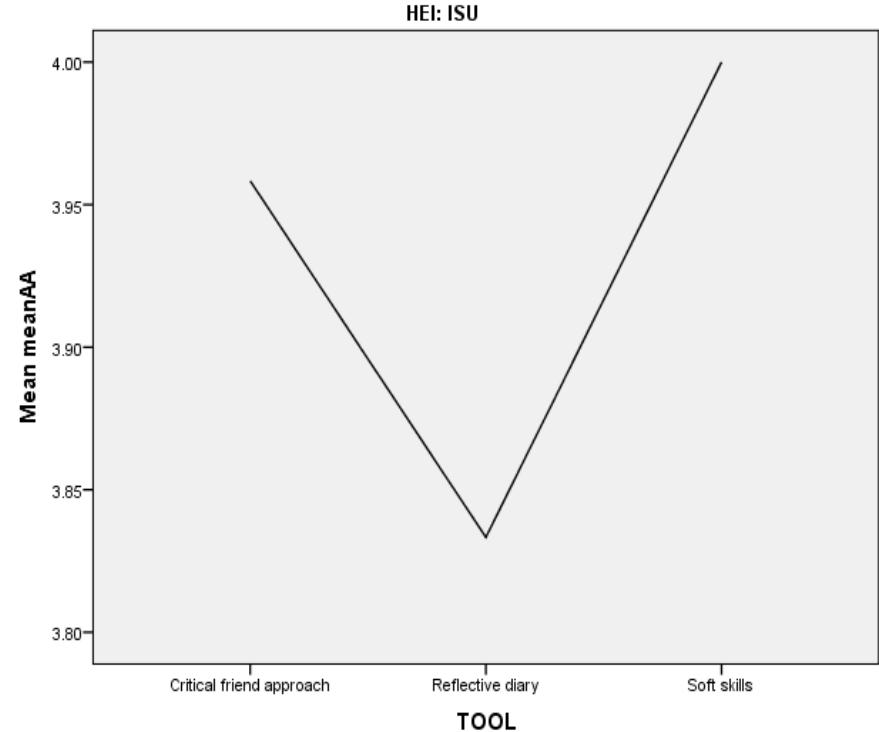
SSU Mean results for each ASSET tool

	N	Mean	Std. Deviation
Open digital badges	10	4.0000	.00000
Critical friend approach	5	3.9667	.07454
Peer assessment	6	3.9444	.08607
Reflective diary	3	4.0000	.00000
Soft skills	4	4.0000	.00000
Total	28	3.9821	.05250



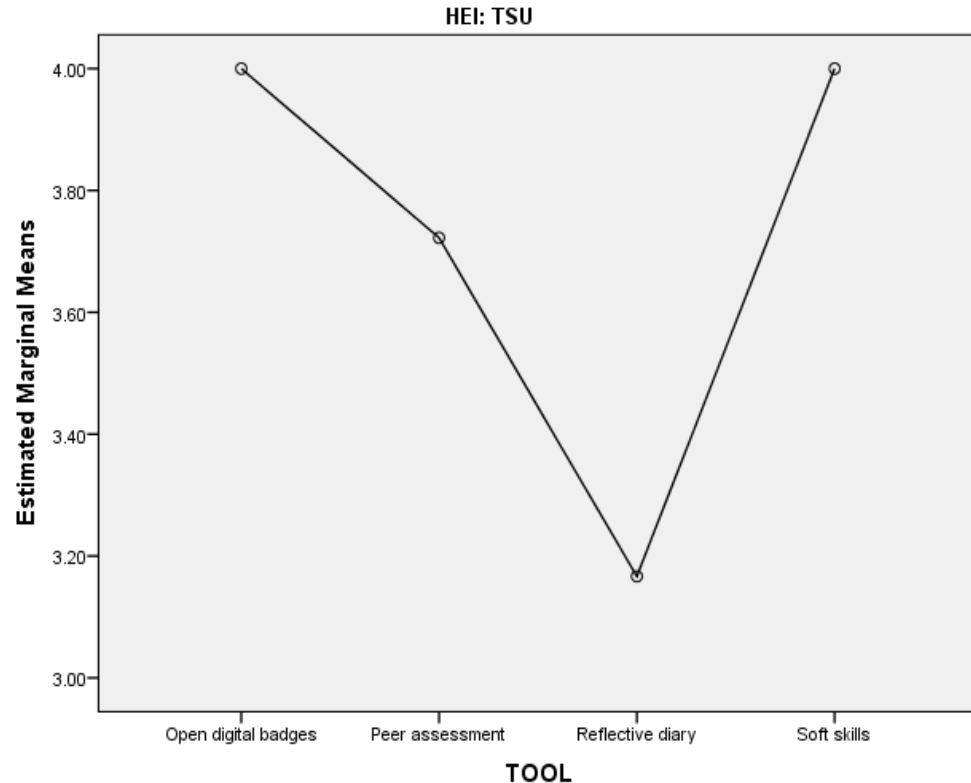
ISU Mean results for each ASSET tool

	N	Mean	Std. Deviation
Critical friend approach	8	3.9583	.07715
Reflective diary	2	3.8333	.23570
Soft skills	2	4.0000	.00000
Total	12	3.9444	.10856



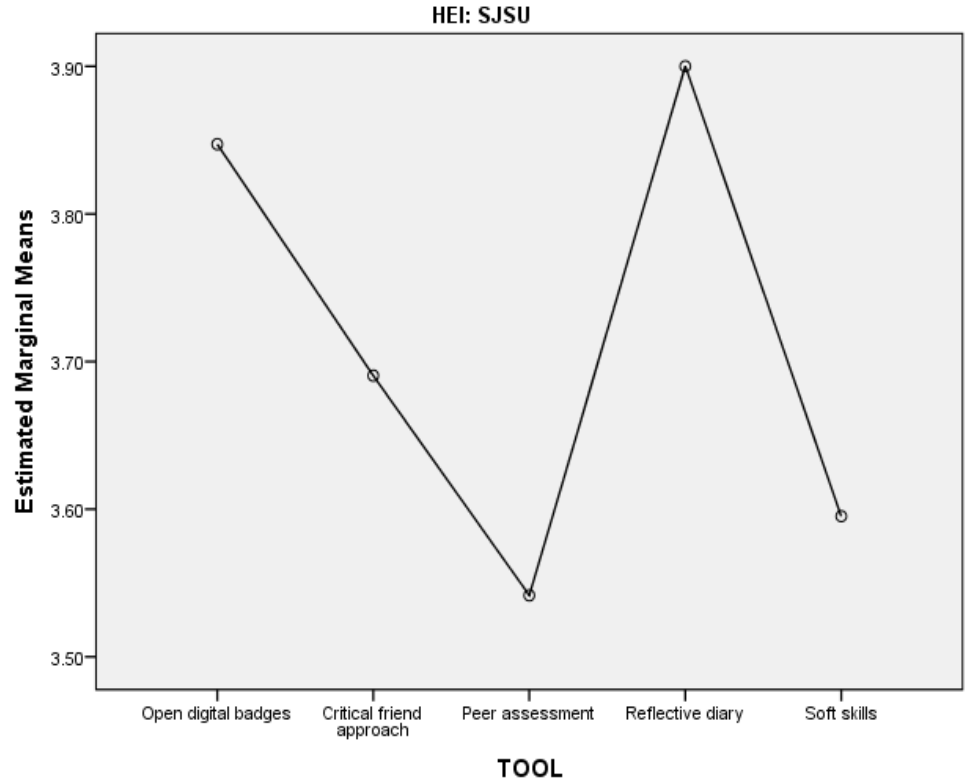
TSU Mean results for each ASSET tool

TOOL	Mean	Std. Deviation	N
Open digital badges	4.0000	.00000	4
Peer assessment	3.7222	.48113	3
Reflective diary	3.1667	.	1
Soft skills	4.0000	.	1
Total	3.8148	.36747	9



SJSU Mean results for each ASSET tool

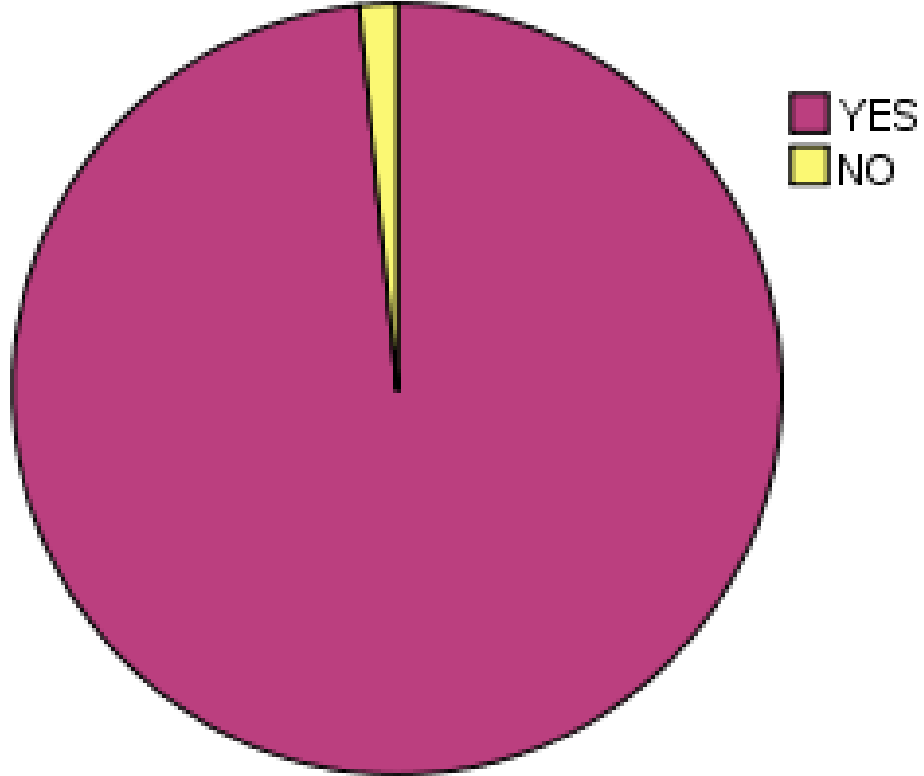
	N	Mean	Std. Deviation
Open digital badges	12	3.8472	.31349
Critical friend approach	7	3.6905	.11501
Peer assessment	4	3.5417	.25000
Reflective diary	5	3.9000	.14907
Soft skills	7	3.5952	.30211
Total	35	3.7381	.27501



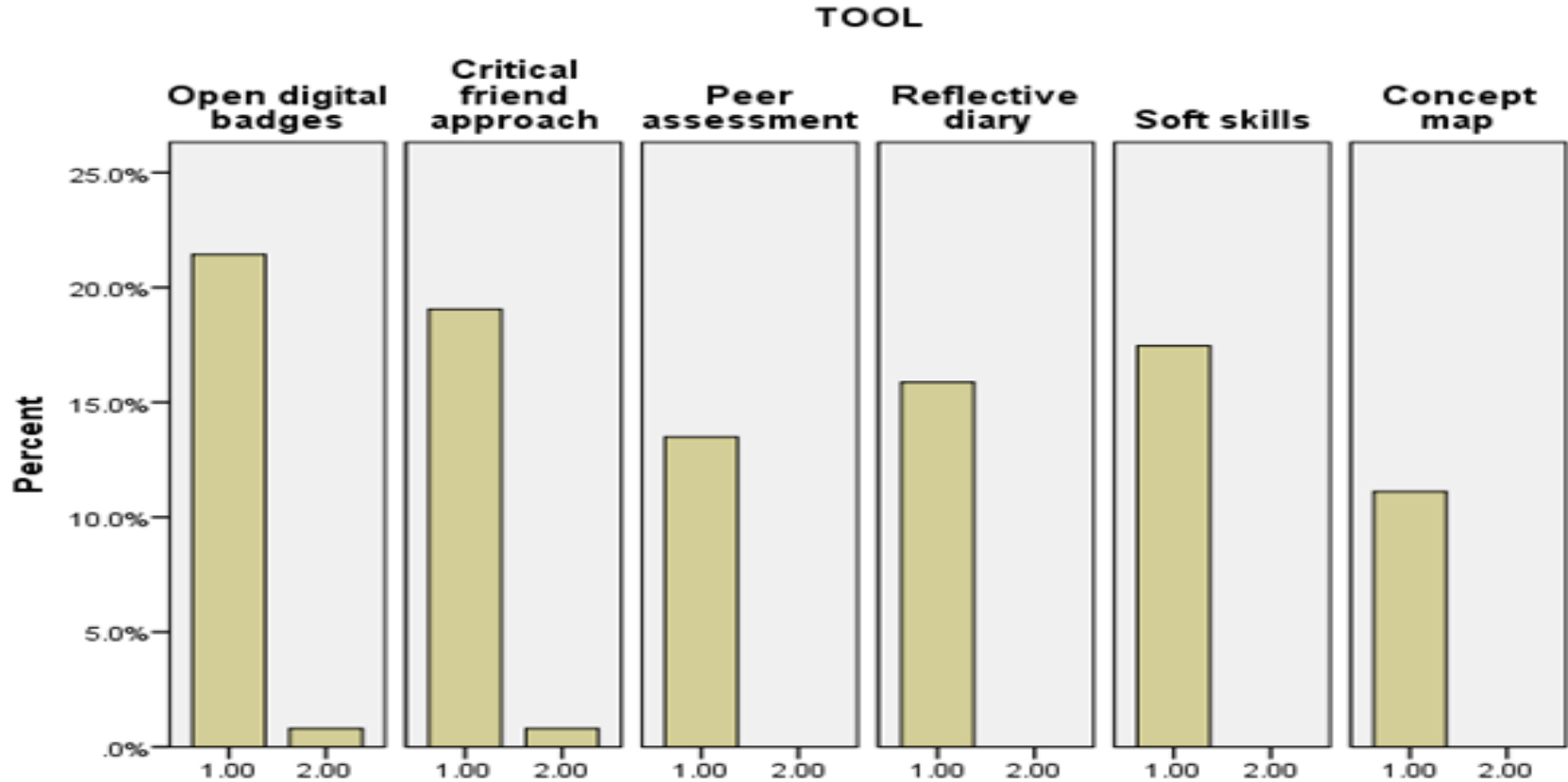
I would consider using this tool in my future courses?

1. YES 98.4%

2. NO 1.6%



I would consider using this tool in my future courses?



In summary

- According to the results, all the tools received relatively high mean scores. Yet it seems that the open digital badges was perceived as the most effective tool, whereas Reflective diary was report as less effective in this respect.
- Nonetheless, these can be regarded as minor differences. Another result showed that most of the teachers intend to use the tools in their future courses. A few reported that they will not use the open digital badges and critical friend approach in their future course.

