

Exploring student engagement factors affecting mature-age students' persistence and academic achievement during the first year of university

DATA DICTIONARY

Output SPSS

Variable	Field name	Allowed values	Description
Gender	GEN	0= Female 1=Male 2=Other	Participant response to what is your gender?
Age-group	AGE	0=Non mature age 1=Mature age	Participant's age grouped into under 25 years (non-mature age) and 25 years old and above (mature age)
Disability	DIS	0=No 1=Yes	Participant response to have you declared a disability to the institution?
Aboriginal or Torres Strait Islander origin	ATSI	0=No 1=Yes	Participant response to are you of Aboriginal or Torres Strait Islander origin?
Regional and remote area	REG	0=No 1=Yes	Participant response to are you coming from a regional and remote area?
First in family to attend HE	FAM	0=No 1=Yes 2=Unsure	Participant response to are you the first in your immediate family to attend university? ('immediate family' includes those directly related to you such as parents, brothers, and sisters.)
Prior HE studies	HE	0=No 1=Yes	Participant response to have you attended any course in higher education before enrolling at this university?
Mode of study	MODE	0=Part-time 1=Full-time	Participant response to what is your mode of study this year?
Belonging - dimension 1	B1	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement: I feel at home at this university.
Belonging – dimension 2	B2	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement: Being at this university is an enriching experience
Belonging – dimension 3	B3	1= Strongly agree 2= Agree 3=Neither agree nor disagree 4=Disagree 5=Strongly disagree	Level of agreement with the statement: I wish I'd gone to a different university.
Belonging – dimension 4	B4	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement: I have found this university to be welcoming.
Belonging – dimension 5	B5	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement: I am shown respect by members of staff at this university

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Belonging – dimension 6	B6	1= Strongly agree 2= Agree 3=Neither agree nor disagree 4=Disagree 5=Strongly disagree	Level of agreement with the statement: Sometimes I feel I don't belong to this university
Self-efficacy - dimension 1	S1	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement: I expect to do well in my course.
Self-efficacy – dimension 2	S2	1= Strongly agree 2= Agree 3=Neither agree nor disagree 4=Disagree 5=Strongly disagree	Level of agreement with the statement: I worry about the difficulty of my course.
Self-efficacy – dimension 3	S3	1= Strongly agree 2= Agree 3=Neither agree nor disagree 4=Disagree 5=Strongly disagree	Level of agreement with the statement: I doubt my ability to study at university level.
Self-efficacy – dimension 4	S4	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement: I'm confident of completing this year successfully.
Self-efficacy – dimension 5	S5	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement: I will get my degree from this university.
Intrinsic motivation – dimension 1	IM1	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement about intrinsic motivation: Because it allows me to continue to learn about many things that interest me.
Intrinsic motivation – dimension 2	IM2	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement about intrinsic motivation: For the satisfaction I feel when I am accomplishing difficult academic activities.
Intrinsic motivation – dimension 3	IM3	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement about intrinsic motivation: For the satisfaction I feel when I am communicating my ideas to others.
Extrinsic motivation – dimension 1	EM1	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement about extrinsic motivation: Because I think it will help me better prepare for my chosen career.
Extrinsic motivation – dimension 2	EM2	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement about extrinsic motivation: To prove to myself that I can complete my degree.

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Extrinsic motivation – dimension 3	EM3	1=Strongly disagree 2=Disagree 3=Neither agree nor disagree 4=Agree 5=Strongly agree	Level of agreement with the statement about extrinsic motivation: In order to have a better salary later on.
Cumulative GPA	GPA	1.00-7.00	Cumulative GPA extracted from university database as a proxy of academic achievement
Cumulative GPA Modified	GPA_mod	1=Fail 2=Pass 3=Credit 4=Distinction 5=High Distinction	Cumulative GPA grouped into 5 categories for ordinal logistic regression
Enrolment status	STAT	0=non-active 1=Active	Enrolment status extracted from university database as a proxy of persistence
Belonging	Belonging	1.00-5.00	Mean score derived from responses to items defining the Belonging subscale
Self-efficacy	Selfefficacy	1.00-5.00	Mean score derived from responses to items defining the Self-efficacy subscale
Motivation	Motivation	1.00-5.00	Mean score derived from responses to items defining the Motivation subscale