



Does going to university in a different country affect your mental health? A Japanese international university surveyed its students in 2018 and published a study the following year that was approved by several ethical and regulatory boards.

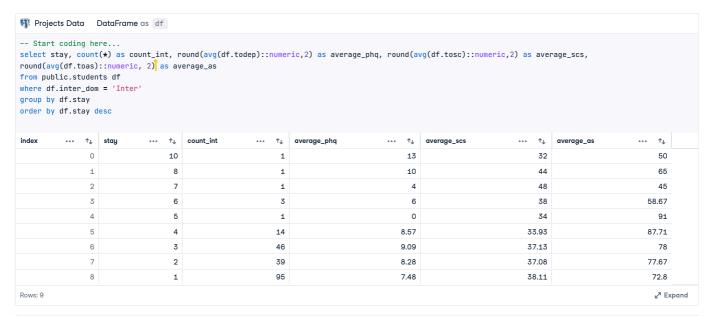
The study found that international students have a higher risk of mental health difficulties than the general population, and that social connectedness (belonging to a social group) and acculturative stress (stress associated with joining a new culture) are predictive of depression.

Explore the students data using PostgreSQL to find out if you would come to a similar conclusion for international students and see if the length of stay is a contributing factor.

Here is a data description of the columns you may find helpful.

Field Name	Description
inter_dom	Types of students (international or domestic)
japanese_cate	Japanese language proficiency
english_cate	English language proficiency
academic	Current academic level (undergraduate or graduate)
age	Current age of student
stay	Current length of stay in years
todep	Total score of depression (PHQ-9 test)
tosc	Total score of social connectedness (SCS test)
toas	Total score of acculturative stress (ASISS test)

Run t	his code to	view the	data in	students										
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0	Inter	SEA	Male	Grad	24	4	5	Long	3	Average	5	High		Ye
1	Inter	SEA	Male	Grad	28	5	1	Short	4	High	4	High		N
2	Inter	SEA	Male	Grad	25	4	6	Long	4	High	4	High	Yes	Ye
3	Inter	EA	Female	Grad	29	5	1	Short	2	Low	3	Average	No	N
4	Inter	EA	Female	Grad	28	5	1	Short	1	Low	3	Average	Yes	N
5	Inter	SEA	Male	Grad	24	4	6	Long	3	Average	4	High	Yes	N
6	Inter	SA	Male	Grad	23	4	1	Short	3	Average	5	High	Yes	N
7	Inter	SEA	Female	Grad	30	5	2	Medium	1	Low	1	Low	Yes	Y
8	Inter	SEA	Female	Grad	25	4	4	Long	4	High	4	High	No	N
9	Inter	Others	Male	Grad	31	5	2	Medium	1	Low	4	High	Yes	Y
10	Inter	Others	Female	Grad	28	5	1	Short	1	Low	2	Low	No	Y
11	Inter	SEA	Female	Grad	31	5	1	Short	1	Low	4	High	Yes	Ye
12	Inter	SA	Male	Grad	29	5	1	Short	1	Low	4	High	Yes	Ye
13	Inter	EA	Male	Grad	23	4	1	Short	3	Average	4	High	Yes	Υ
14	Inter	SEA	Female	Grad	31	5	1	Short	1	Low	3	Average	Yes	N
15	Inter	Others	Female	Grad	30	5	- 1	Short	- 1	Low	5	High	Vac	V



From the output table, we can see that

- the average score of the PHQ test increases as the length of stay rises
- the score of social connectedness and acculturative stress don't show strong relative with the score of PHQ

How likely are you to recommend DataLab to a friend or co-worker?

Not at all likely 0 1 2 3 4 5 6 7 8 9 10 Extremely likely

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