

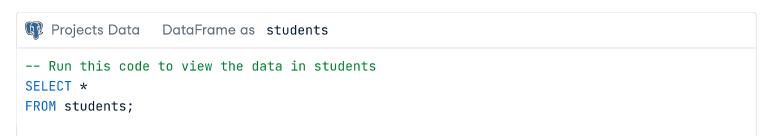
Does going to university in a different country affect your mental health? A Japanese international university surveyed its students in 2018 and published a study the following year that was approved by several ethical and regulatory boards.

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)



	↑ <sub>↓</sub> i ••• ↑ <sub>↓</sub>	••• 1	· · · · ↑,	↑↓	••• ↑↓	••• ↑↓	••• ↑↓	s. ••• ↑↓	• • •
(	Inter	SEA	Male	Grad	24	4	5	Long	^
:	1 Inter	SEA	Male	Grad	28	5	1	Short	
	2 Inter	SEA	Male	Grad	25	4	6	Long	
į	3 Inter	EA	Female	Grad	29	5	1	Short	
	1 Inter	EA	Female	Grad	28	5	1	Short	
ţ	5 Inter	SEA	Male	Grad	24	4	6	Long	
(	6 Inter	SA	Male	Grad	23	4	1	Short	
	7 Inter	SEA	Female	Grad	30	5	2	Medium	
8	3 Inter	SEA	Female	Grad	25	4	4	Long	
(	Inter	Others	Male	Grad	31	5	2	Medium	

```
Projects Data DataFrame as df
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```
-- Start coding here...

SELECT stay,

COUNT(inter_dom) AS count_int ,

ROUND(AVG(todep),2) AS average_phq,

ROUND(AVG(tosc),2) AS average_scs,

ROUND(AVG(toas),2) AS average_as

FROM students

WHERE stay IS NOT NULL AND inter_dom = 'Inter'

GROUP BY stay

ORDER BY stay DESC
```

ind ••• ↑↓	stay ··· ↑↓	count_int ··· ↑↓	average_phq ··· 1↓	average_scs ··· ↑↓ a
0	10	1	13	32
1	8	1	10	44
2	7	1	4	48
3	6	3	6	38
4	5	1	0	34
5	4	14	8.57	33.93
6	3	46	9.09	37.13
7	2	39	8.28	37.08
8	1	95	7.48	38.11

Rows: 9 <u>↓</u>