

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

 Projects Data DataFrame as `students`

```
-- Run this code to view the data in students
SELECT *
FROM students;
```

...	↑↓	i..	...	↑↓	...	↑↓	...	↑↓	...	↑↓	...	↑↓	...	↑↓	...	↑↓	s.	...	↑↓	.
0		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			
3		Inter			EA		Female		Grad		29		5		1		Short			
4		Inter			EA		Female		Grad		28		5		1		Short			
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			

 Projects Data DataFrame as df

```
-- Start coding here...
SELECT stay,
       COUNT(*) 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 inter_dom = 'Inter'
GROUP BY stay
ORDER BY stay DESC
LIMIT 9;
```

...	↑↓	...	↑↓	c.	...	↑↓	av...	...	↑↓	av...	...	↑↓	a...	...	↑↓	
0		10				1			13			32			50	
1		8				1			10			44			65	
2		7				1			4			48			45	
3		6				3			6			38			58.67	
4		5				1			0			34			91	
5		4				14			8.57			33.93			87.71	
6		3				46			9.09			37.13			78	
7		2				39			8.28			37.08			77.67	
8		1				95			7.48			38.11			72.8	

Rows: 9 