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)

DataFrames and CSVs DataFrame as `students`

```
-- Run this code to save the CSV file as students
SELECT *
FROM 'students.csv';
```

	i..							s.		japane...		engli...	
0	Inter	SEA	Male	Grad	24	4	5	Long	3	Average	5	High	null
1	Inter	SEA	Male	Grad	28	5	1	Short	4	High	4	High	null
2	Inter	SEA	Male	Grad	25	4	6	Long	4	High	4	High	Yes
3	Inter	EA	Female	Grad	29	5	1	Short	2	Low	3	Average	No
4	Inter	EA	Female	Grad	28	5	1	Short	1	Low	3	Average	Yes
5	Inter	SEA	Male	Grad	24	4	6	Long	3	Average	4	High	Yes
6	Inter	SA	Male	Grad	23	4	1	Short	3	Average	5	High	Yes
7	Inter	SEA	Female	Grad	30	5	2	Medium	1	Low	1	Low	Yes
8	Inter	SEA	Female	Grad	25	4	4	Long	4	High	4	High	No
9	Inter	Others	Male	Grad	31	5	2	Medium	1	Low	4	High	Yes
10	Inter	Others	Female	Grad	28	5	1	Short	1	Low	2	Low	No
11	Inter	SEA	Female	Grad	31	5	1	Short	1	Low	4	High	Yes
12	Inter	SA	Male	Grad	29	5	1	Short	1	Low	4	High	Yes
13	Inter	EA	Male	Grad	23	4	1	Short	3	Average	4	High	Yes
14	Inter	SEA	Female	Grad	31	5	1	Short	1	Low	3	Average	Yes
15	Inter	Others	Female	Grad	30	5	1	Short	1	Low	5	High	Yes

Rows: 286

DataFrames and CSVs DataFrame as `df`

```
-- Start coding here...
SELECT COUNT(*) AS total_records
FROM students
```

index	total_records
0	

Rows: 1

DataFrames and CSVs DataFrame as df1

```
SELECT inter_dom, COUNT(*) AS count_inter_dom,
FROM students,
GROUP BY inter_dom;
```

index	inter_dom	count_inter_dom
0	Inter	
1	Dom	
2	null	

Rows: 3

DataFrames and CSVs DataFrame as df2

```
SELECT inter_dom
FROM students
WHERE inter_dom IN ('Inter', 'Dom', 'null')
GROUP BY inter_dom;
```

	i..
0	Inter
1	Dom

Rows: 2

DataFrames and CSVs DataFrame as

```
SELECT inter_dom,
    MIN(todep) AS min_todep,
    MIN(tosc) AS min_tosc,
    MIN(toas) AS min_toas,
    MAX(todep) AS max_todep,
    MAX(tosc) AS max_tosc,
    MAX(toas) AS max_toas,
    ROUND(AVG(todep), 2) AS avg_todep,
    ROUND(AVG(tosc), 2) AS avg_tosc,
    ROUND(AVG(toas), 2) AS avg_toas
FROM students
GROUP BY inter_dom;
```

	i..	m			m			a		
0	Inter	0	11	36	25	48	145	8.04	37.42	75.56
1	Dom	0	8	36	23	48	112	8.61	37.64	62.84
2	null									

Rows: 3

DataFrames and CSVs DataFrame as

```
SELECT inter_dom,
    MIN(todep) AS min_todep,
    MIN(tosc) AS min_tosc,
    MIN(toas) AS min_toas,
    MAX(todep) AS max_todep,
    MAX(tosc) AS max_tosc,
    MAX(toas) AS max_toas,
    ROUND(AVG(todep), 2) AS avg_todep,
    ROUND(AVG(tosc), 2) AS avg_tosc,
    ROUND(AVG(toas), 2) AS avg_toas
FROM students
WHERE inter_dom = 'inter'
GROUP BY inter_dom;
```

Your query ran successfully but returned no results.

DataFrames and CSVs DataFrame as

```
SELECT stay,
       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;
```

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

Rows: 9