Survey Report_v2

Prepared By

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Key Notes:
- This is an **unweighted Analysis**. No Weighting was done based on Gender, Age Group or anything else.
- All the result are based on **Chi-Squared Test** with **10% Significance**.
- Analysis was done on Python using **Pandas**
- **Age Bin** has created based on **CDC Report** in the table to the right.
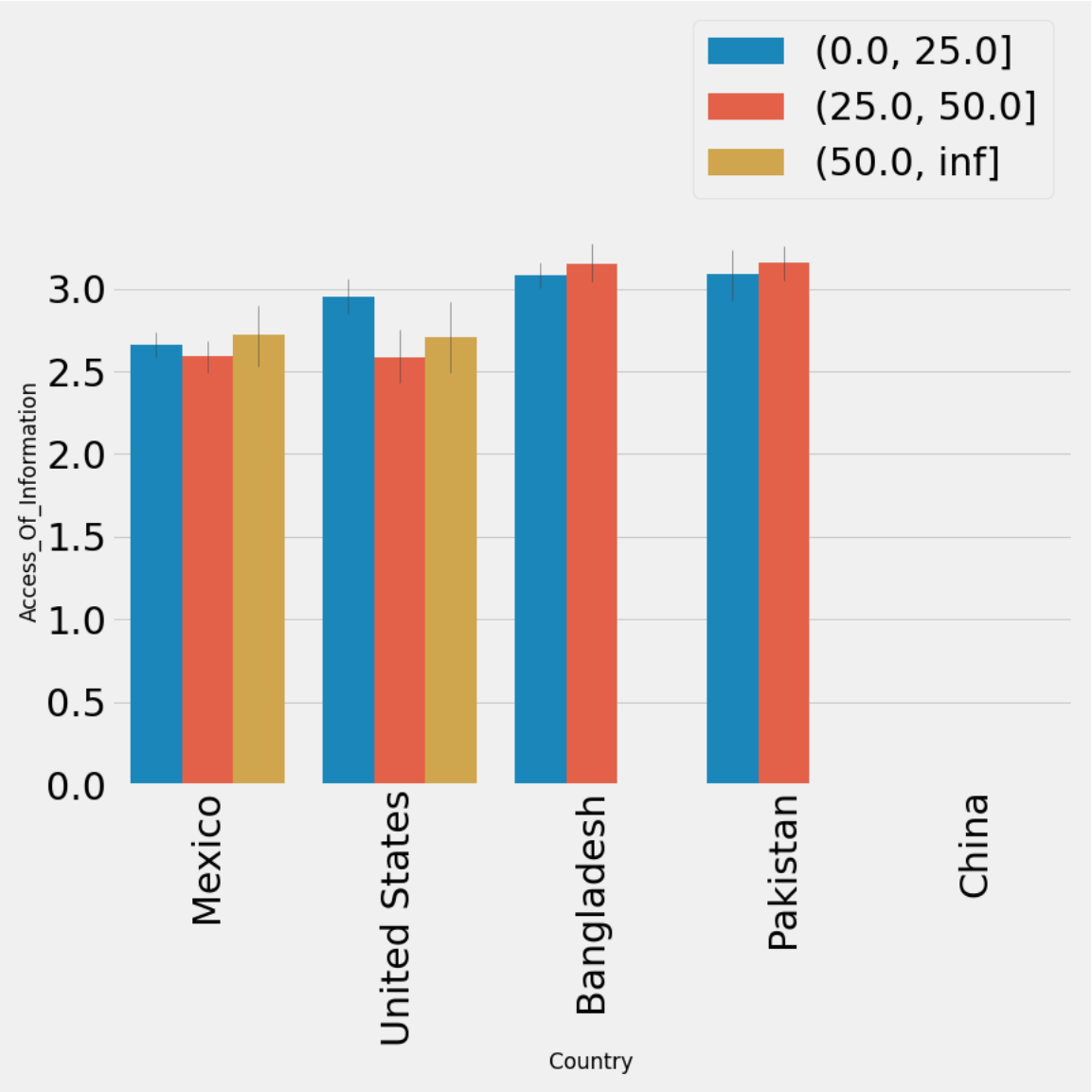- All Plots are of **unweighted mean** with **90% confidence interval.**

Compared to younger adults, older adults are more likely to require hospitalization if they get COVID-19

	Hospitalization[1]	Death[2]
18-29 years	Comparison Group	Comparison Group
30-39 years	2x higher	4x higher
40-49 years	3x higher	10x higher
50-64 years	4x higher	30x higher
65-74 years	5x higher	90x higher
75-84 years	8x higher	220x higher
85+ years	13x higher	630x higher

Source: https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/older-adults.html

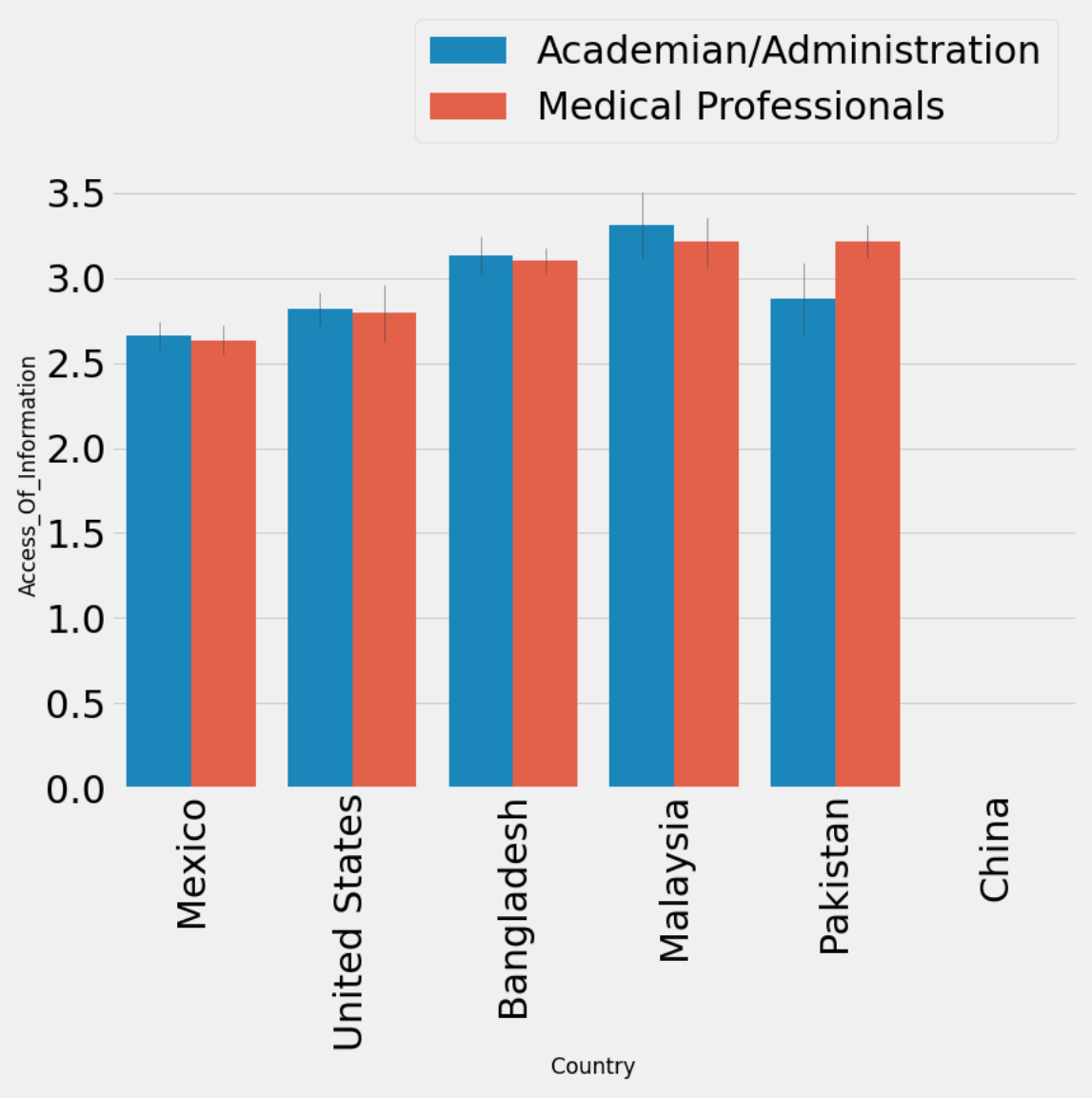# Analysis of difference in accessing Covid-19 related information…

Did people across different **age group** have variations in accessing Covid-19 related Information?

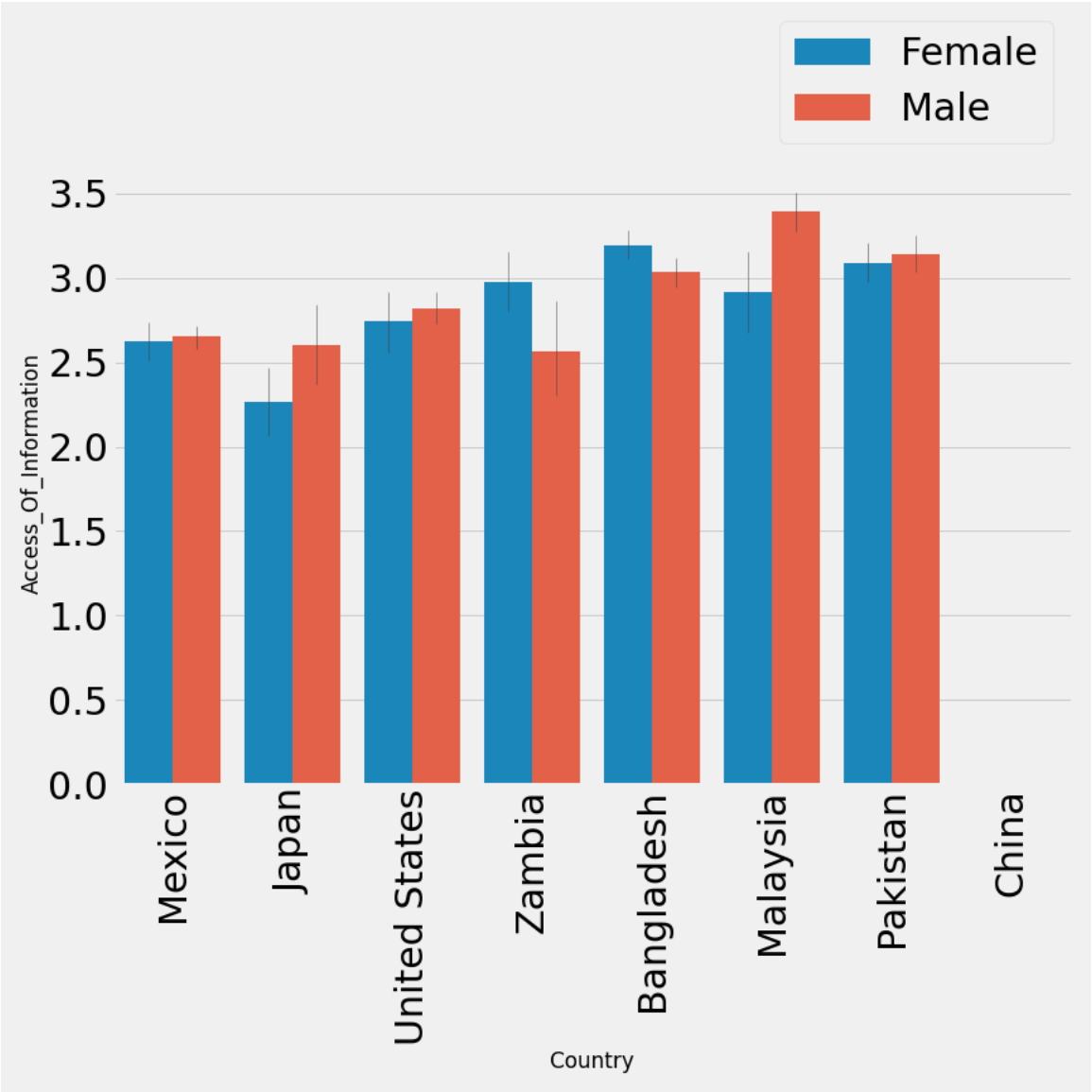|	Country	Value	Critical	Significant
0	Mexico	17.427750	13.361566	True
1	Bangladesh	1.215634	6.251389	False
2	United States	25.787522	13.361566	True
3	Pakistan	3.452318	7.779440	False

Mexico
US

Did people across different **profession** have variations in accessing Covid-19 related Information?

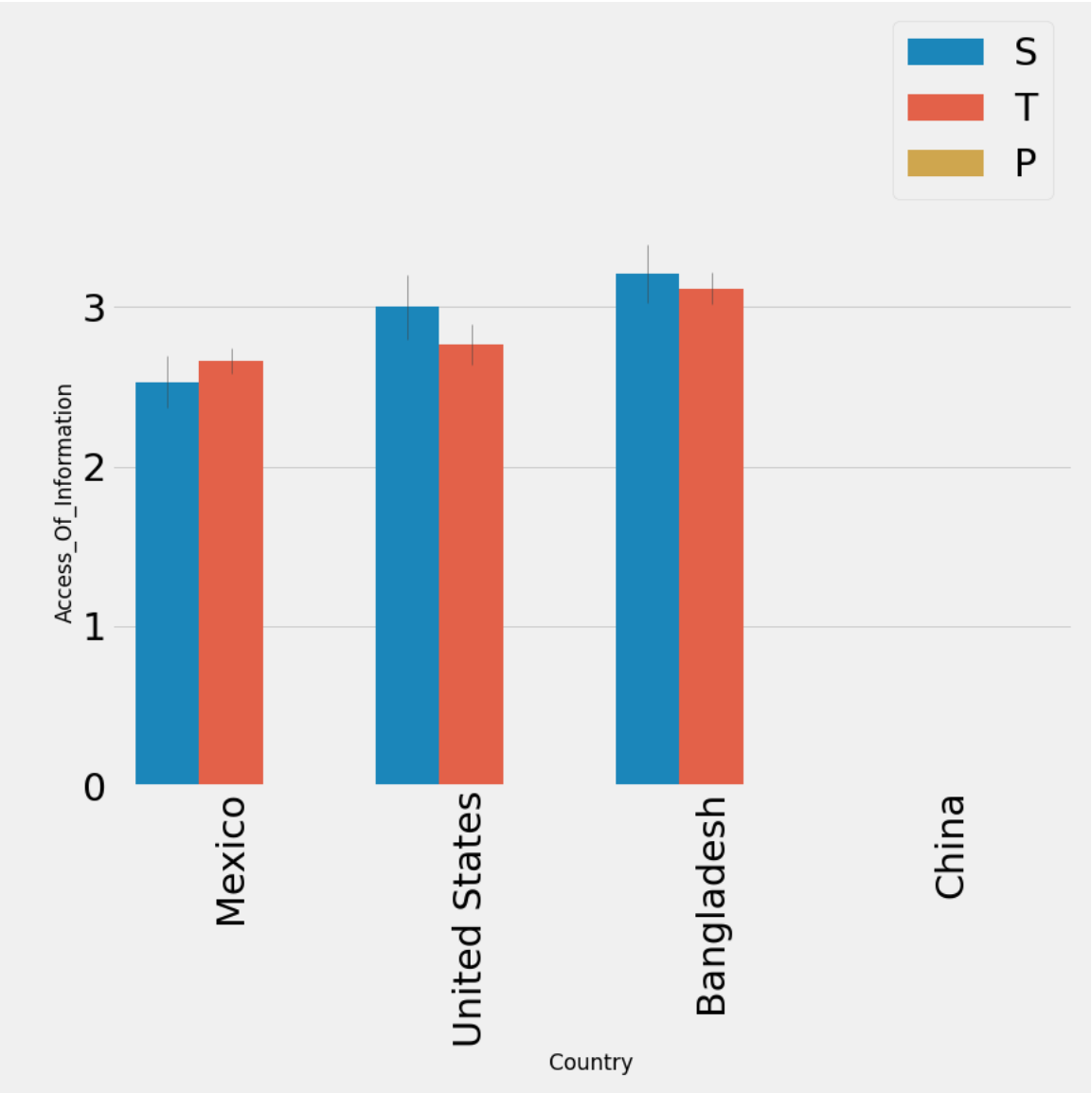|	Country	Value	Critical	Significant
0	Mexico	9.285451	7.779440	True
1	Bangladesh	1.727651	6.251389	False
2	United States	0.467707	7.779440	False
3	Pakistan	8.693131	7.779440	True
4	Malaysia	3.910814	7.779440	False

Mexico
Pakistan

Did people across different **gender** have variations in accessing Covid-19 related Information?

	Country	Value	Critical	Significant
0	Mexico	3.157399	7.779440	False
1	Bangladesh	4.840942	6.251389	False
2	United States	26.660366	7.779440	True
3	Pakistan	3.771720	7.779440	False
4	Malaysia	16.663427	7.779440	True
5	Japan	4.919057	6.251389	False
6	Zambia	10.450306	6.251389	True

US
Malaysia
Zambia

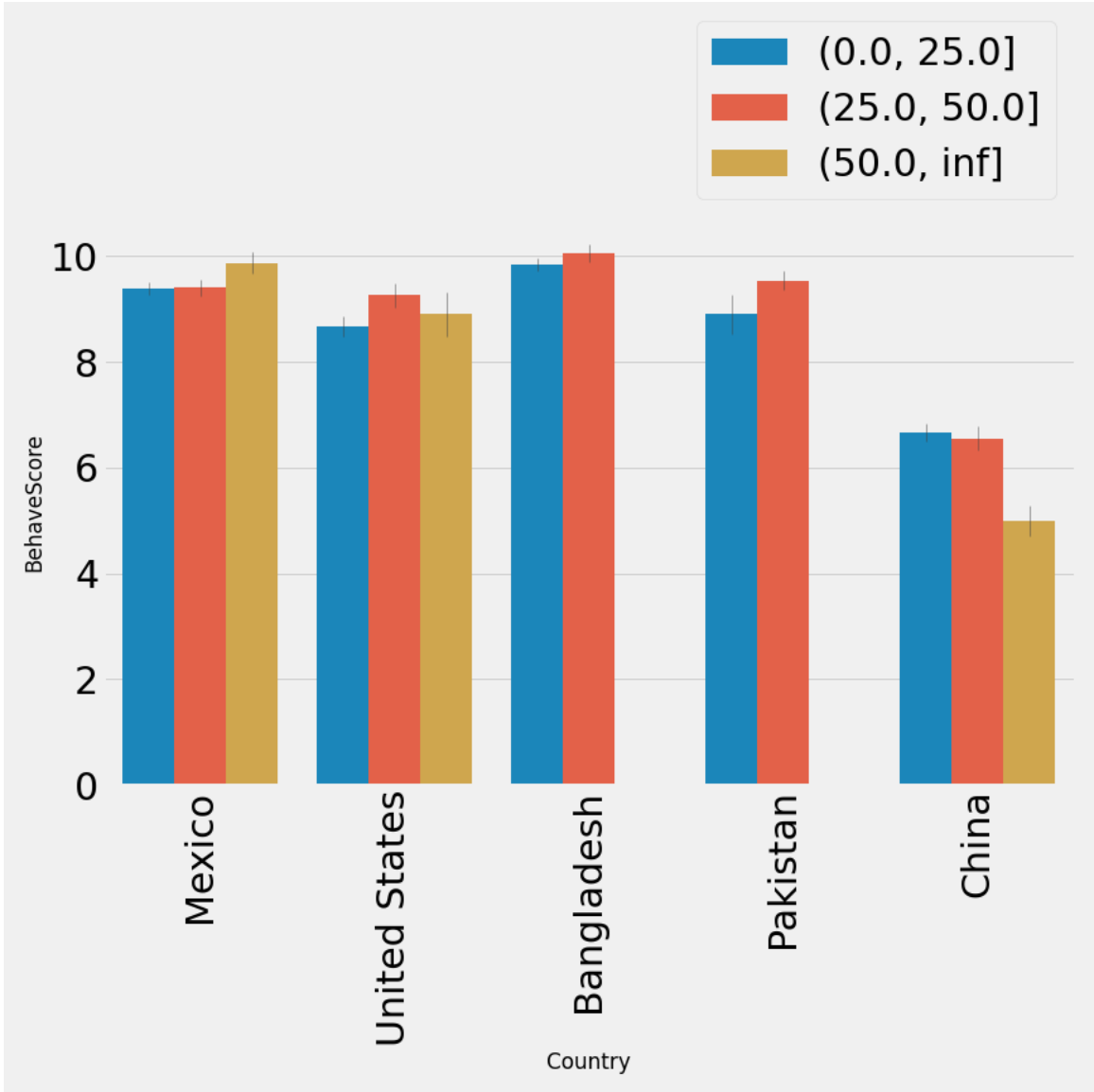Did people across different **Educational Level** have variations in accessing Covid-19 related Information?

	Country	Value	Critical	Significant
0	Mexico	3.814989	7.779440	False
1	Bangladesh	1.005575	6.251389	False
2	United States	5.041560	7.779440	False

None

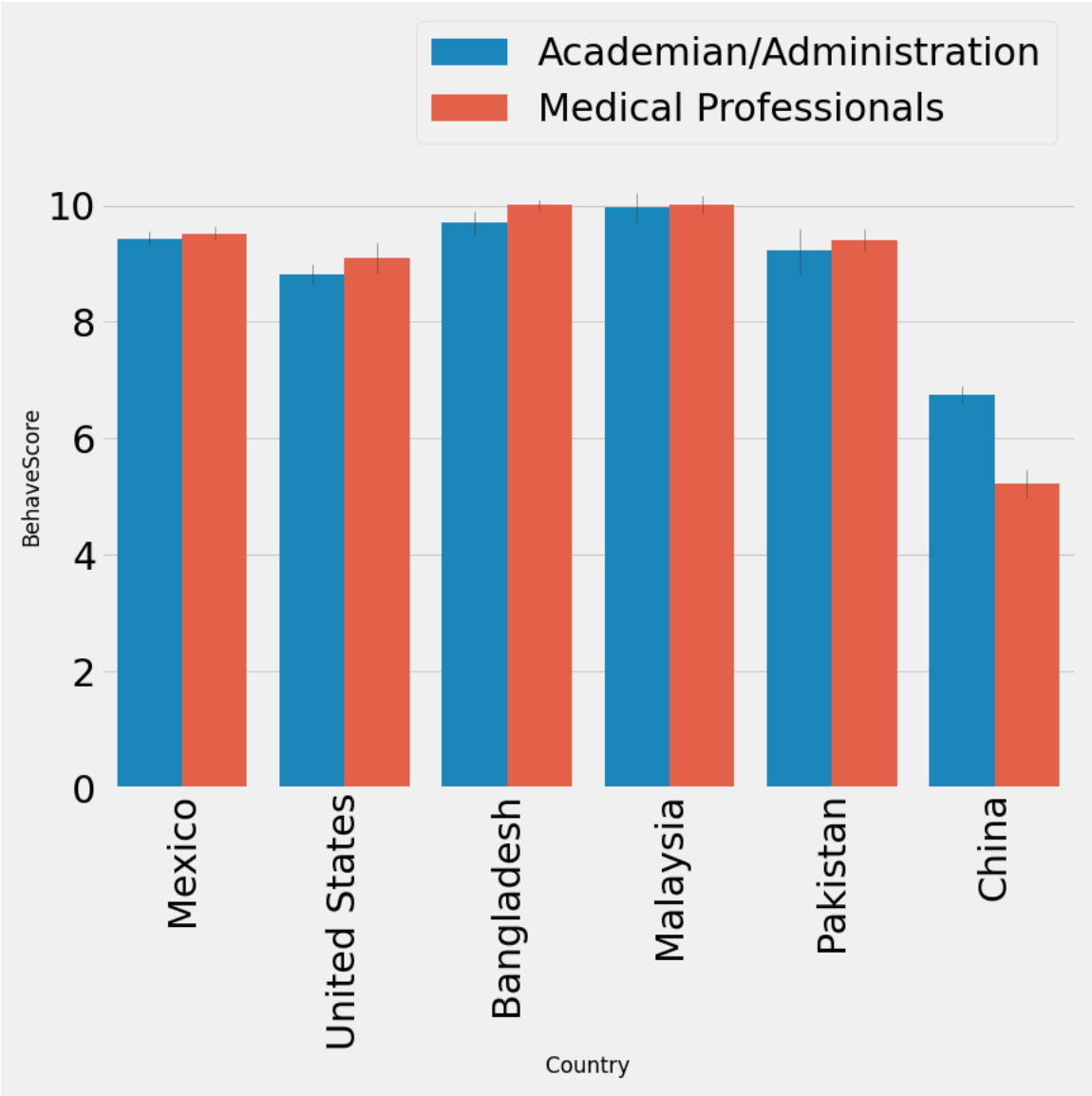# Analysis of difference in Behavioral Score towards Covid 19 …

Did people across different **age group** have variations in behavioral score towards Covid 19?

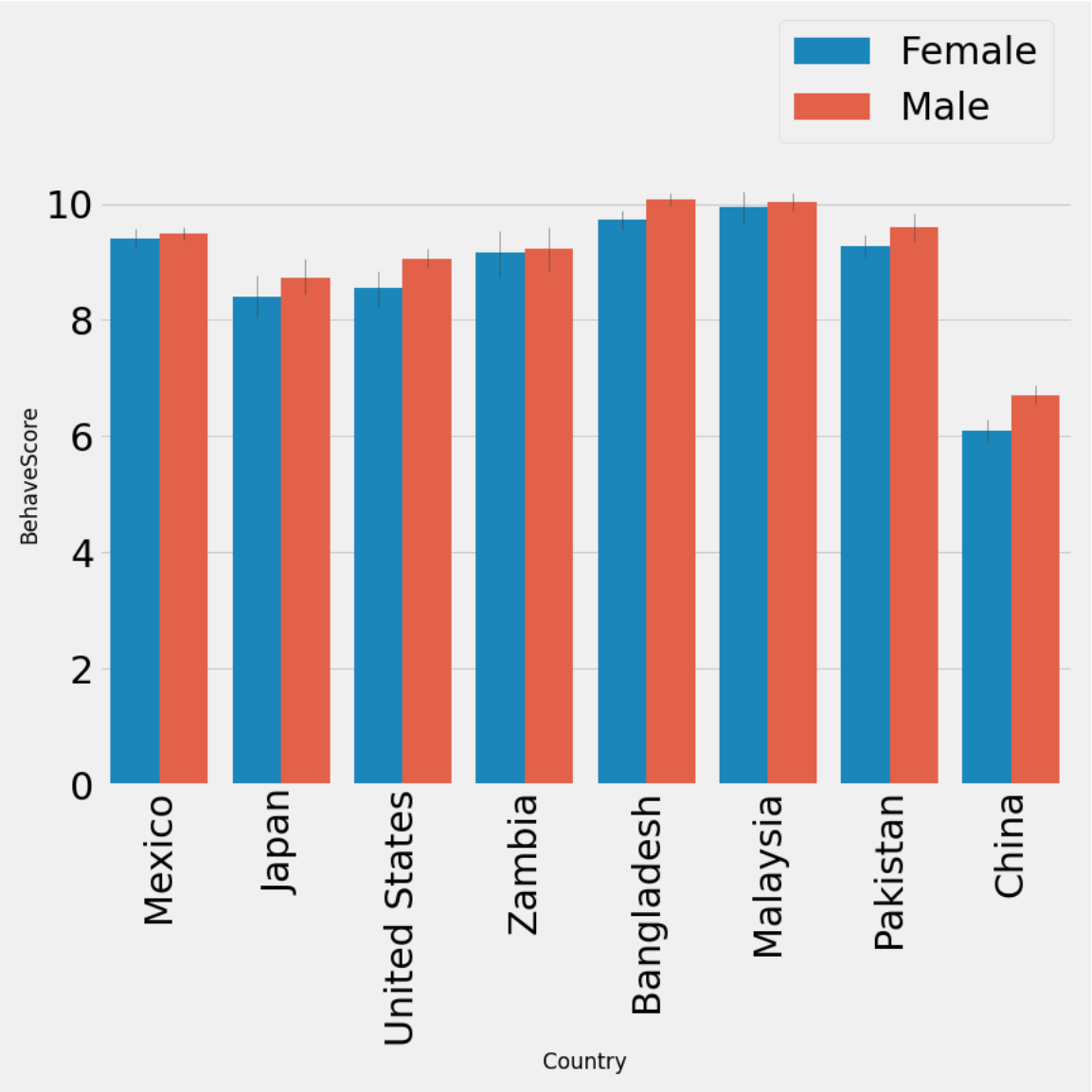|	Country	Value	Critical	Significant
0	China	77.426519	28.411981	True
1	Mexico	25.114643	23.541829	True
2	Bangladesh	8.133719	12.017037	False
3	United States	41.295501	25.989423	True
4	Pakistan	11.612717	13.361566	False

China
Mexico
US

Did people across different **profession** have variations in behavioral score towards Covid 19?

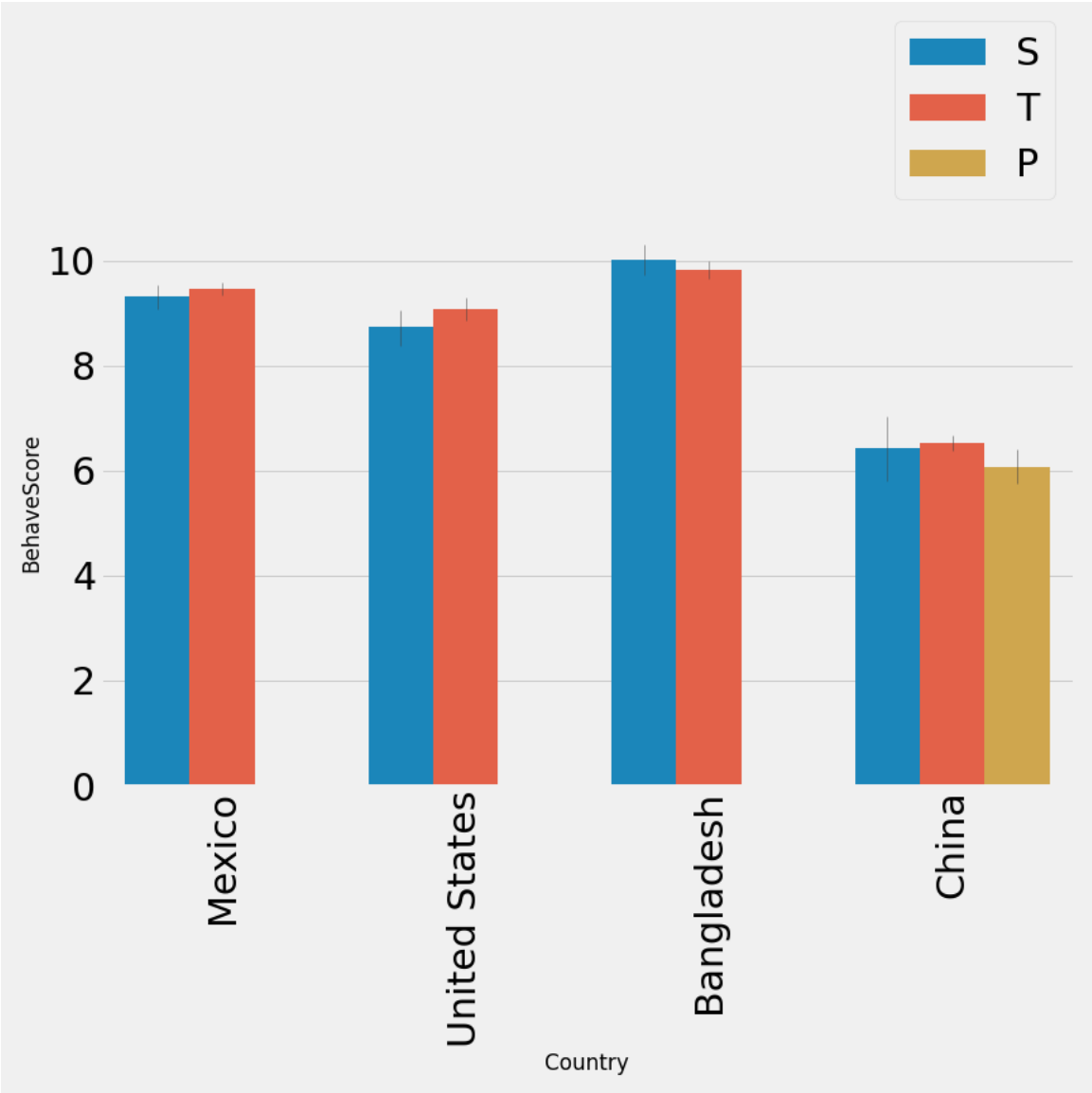|	Country	Value	Critical	Significant
0	China	74.053518	15.987179	True
1	Mexico	3.926725	13.361566	False
2	Bangladesh	9.686872	12.017037	False
3	United States	9.519756	14.683657	False
4	Pakistan	5.417802	13.361566	False
5	Malaysia	5.177908	9.236357	False

China

Did people across different **gender** have variations in behavioral score towards Covid 19?

	Country	Value	Critical	Significant
0	China	29.000267	15.987179	True
1	Mexico	7.082536	13.361566	False
2	Bangladesh	13.195068	12.017037	True
3	United States	16.024212	14.683657	True
4	Pakistan	16.071375	13.361566	True
5	Malaysia	5.330480	9.236357	False
6	Japan	4.487505	12.017037	False
7	Zambia	3.995477	10.644641	False

China
Bangladesh
US
Pakistan

Did people across different **gender** have variations in behavioral score towards Covid 19?
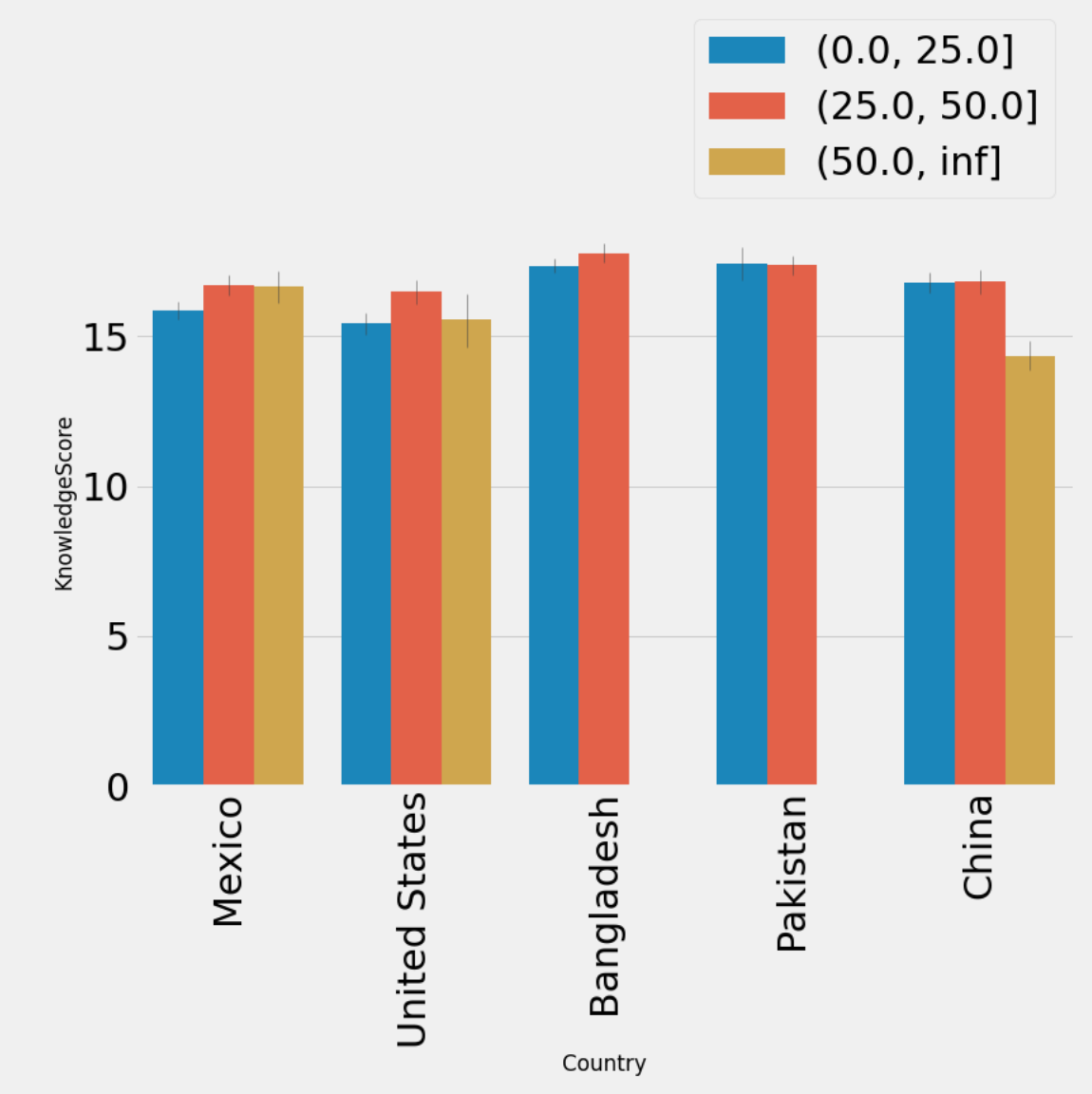

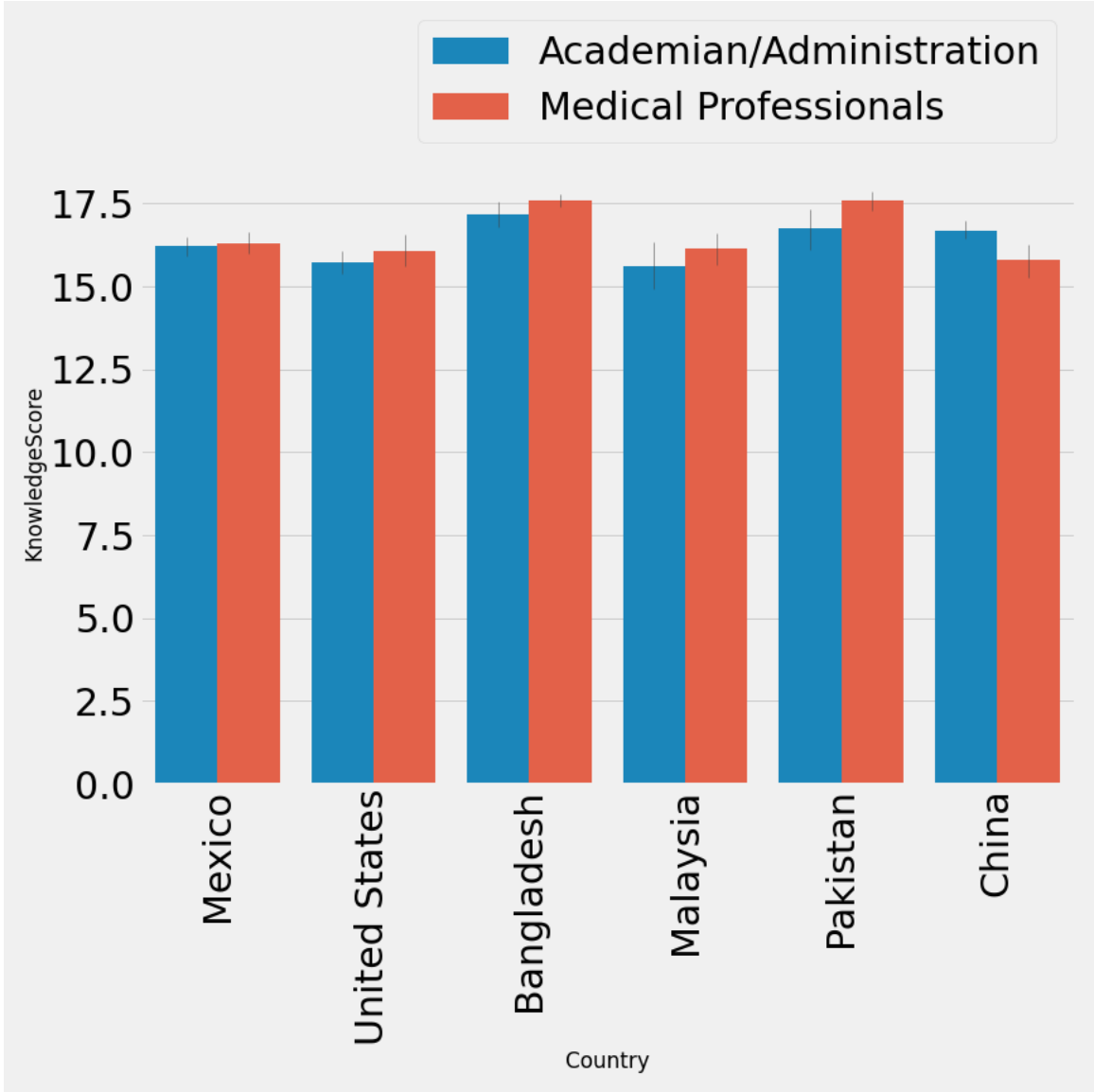|	Country	Value	Critical	Significant
0	China	13.722146	28.411981	False
1	Mexico	2.931537	12.017037	False
2	Bangladesh	9.261975	12.017037	False
3	United States	10.902395	14.683657	False

None

Analysis of difference in Knowledge Score of Covid 19 …

Did people across different **age group** have variations in Covid 19 knowledge score?

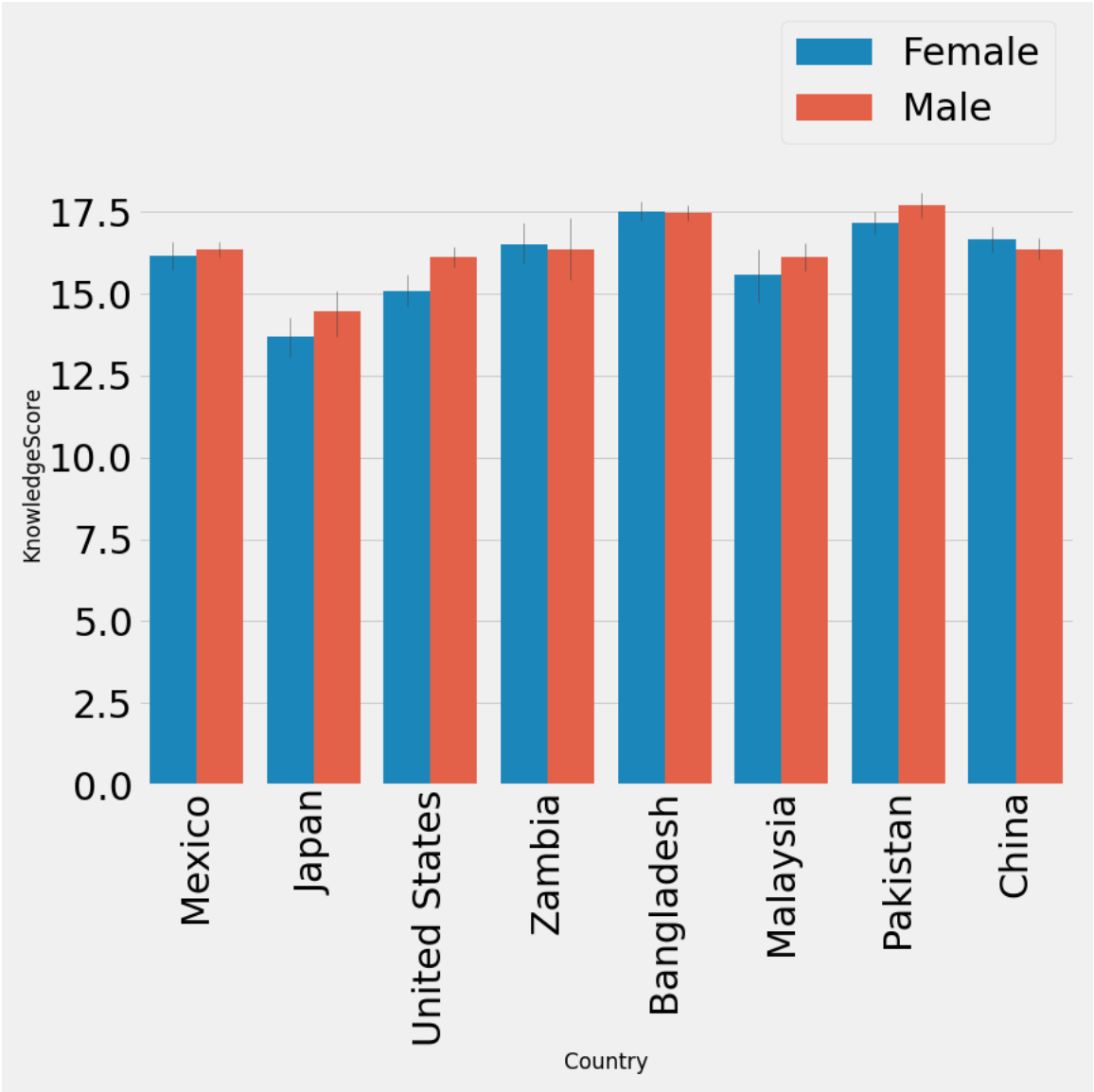|	Country	Value	Critical	Significant
0	China	85.202599	63.167121	True
1	Mexico	57.143883	49.512580	True
2	Bangladesh	21.874353	21.064144	True
3	United States	57.772085	40.256024	True
4	Pakistan	8.824204	21.064144	False

China
Mexico
Bangladesh
US

Did people across different **profession** have variations in Covid 19 knowledge score?

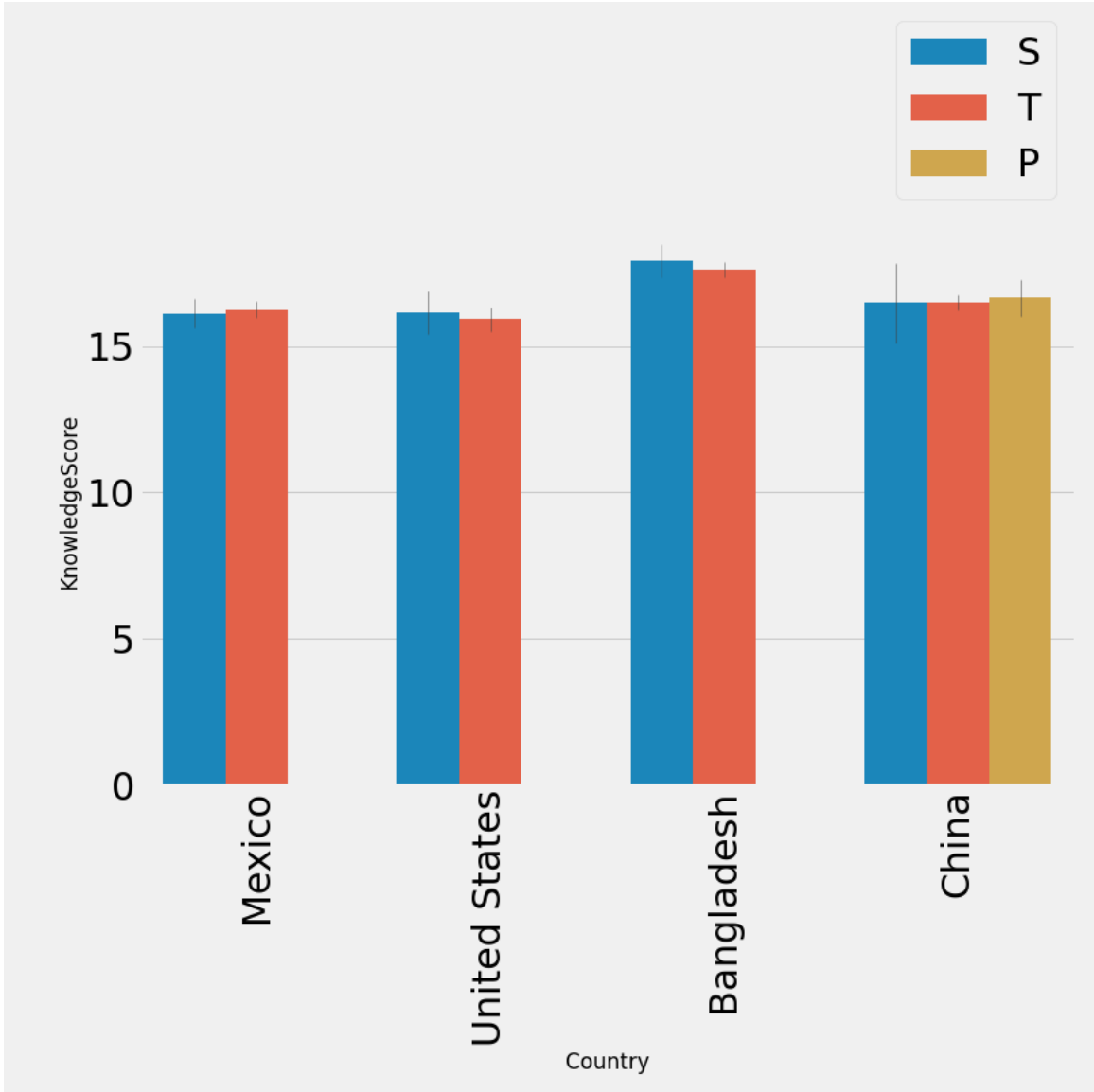|	Country	Value	Critical	Significant
0	China	56.131005	34.381587	True
1	Mexico	28.870348	25.989423	True
2	Bangladesh	15.054538	21.064144	False
3	United States	18.983596	22.307130	False
4	Pakistan	26.645551	21.064144	True
5	Malaysia	16.669933	19.811929	False

China
Mexico
Pakistan

Did people across different **gender** have variations in Covid 19 knowledge score?

	Country	Value	Critical	Significant
0	China	35.652317	34.381587	True
1	Mexico	19.839903	27.203571	False
2	Bangladesh	14.963198	21.064144	False
3	United States	33.715756	22.307130	True
4	Pakistan	12.063544	21.064144	False
5	Malaysia	10.597837	19.811929	False
6	Japan	8.398213	17.275009	False
7	Zambia	13.962538	18.549348	False

China
US

Did people across different **gender** have variations in Covid 19 knowledge score?
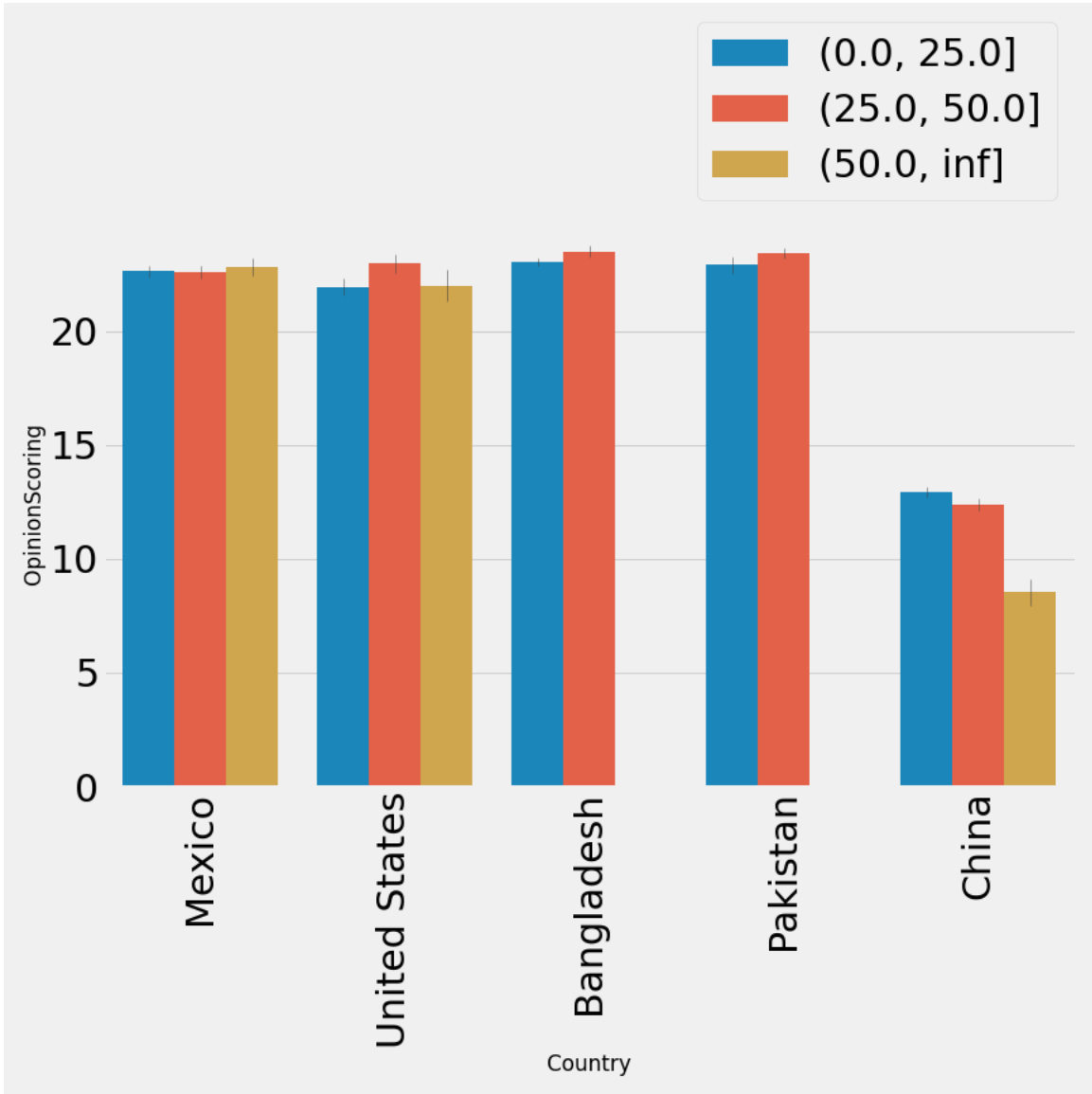

	Country	Value	Critical	Significant
0	China	47.868798	63.167121	False
1	Mexico	13.334544	25.989423	False
2	Bangladesh	7.057896	17.275009	False
3	United States	9.730888	21.064144	False

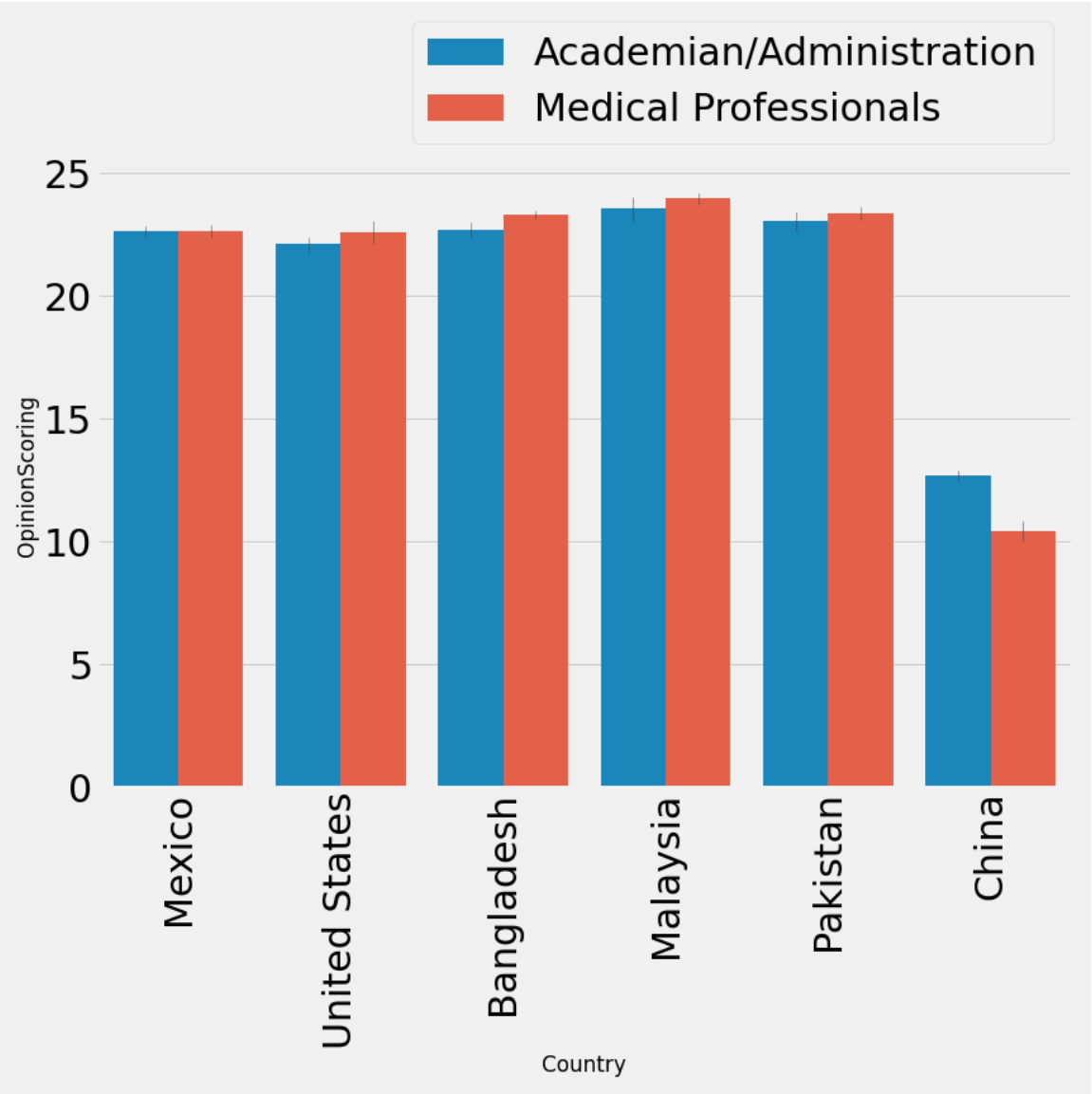None

Analysis of difference in Opinion Score of Covid 19 ...

Did people across different **age group** have variations in Covid 19 related opinion score?

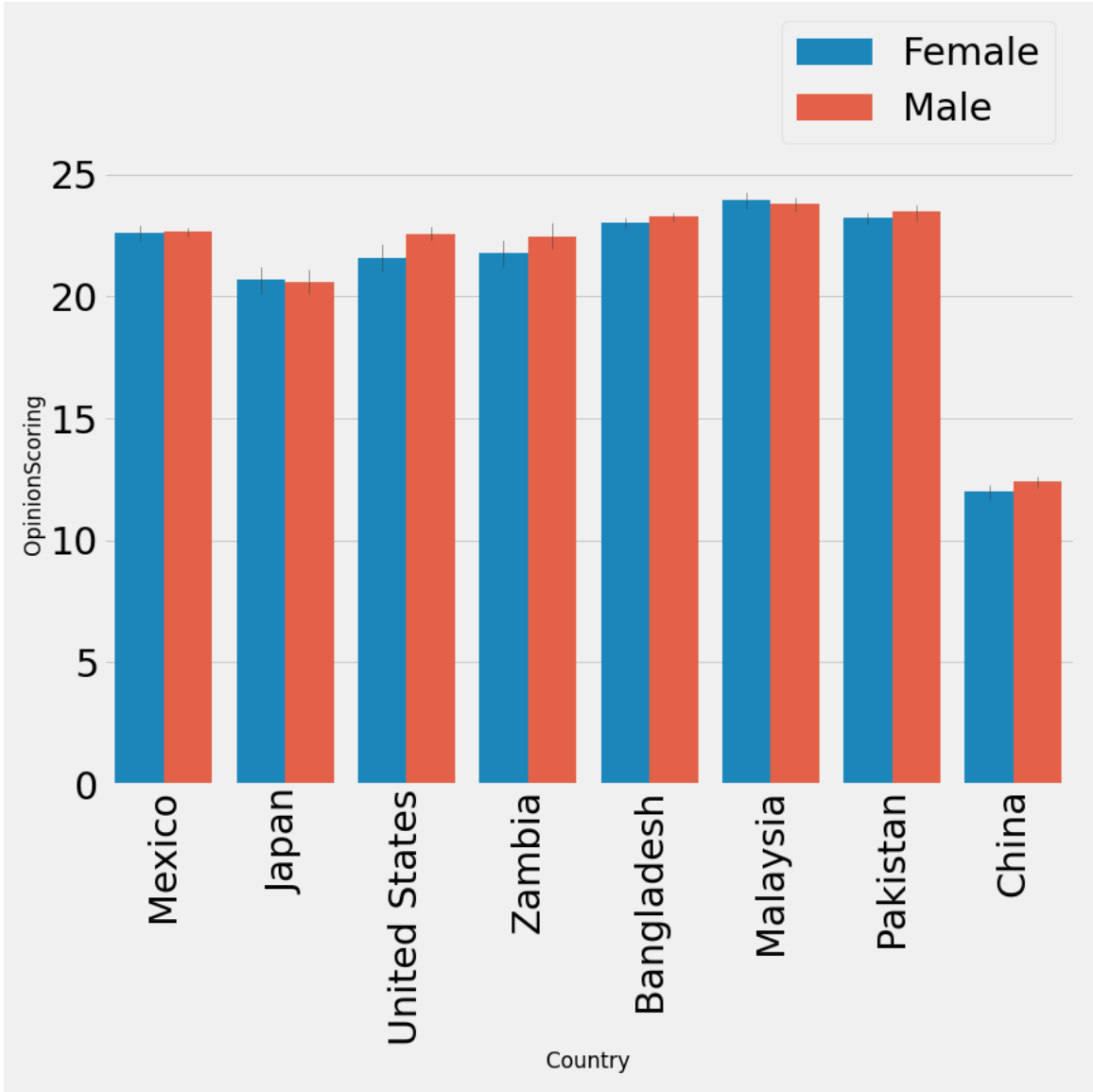|	Country	Value	Critical	Significant
0	China	203.248651	33.196244	True
1	Mexico	25.950758	37.915923	False
2	Bangladesh	19.138023	13.361566	True
3	United States	43.111494	35.563171	True
4	Pakistan	15.345412	13.361566	True

China
Bangladesh
US
Pakistan

Did people across different **profession** have variations in Covid 19 related opinion score?

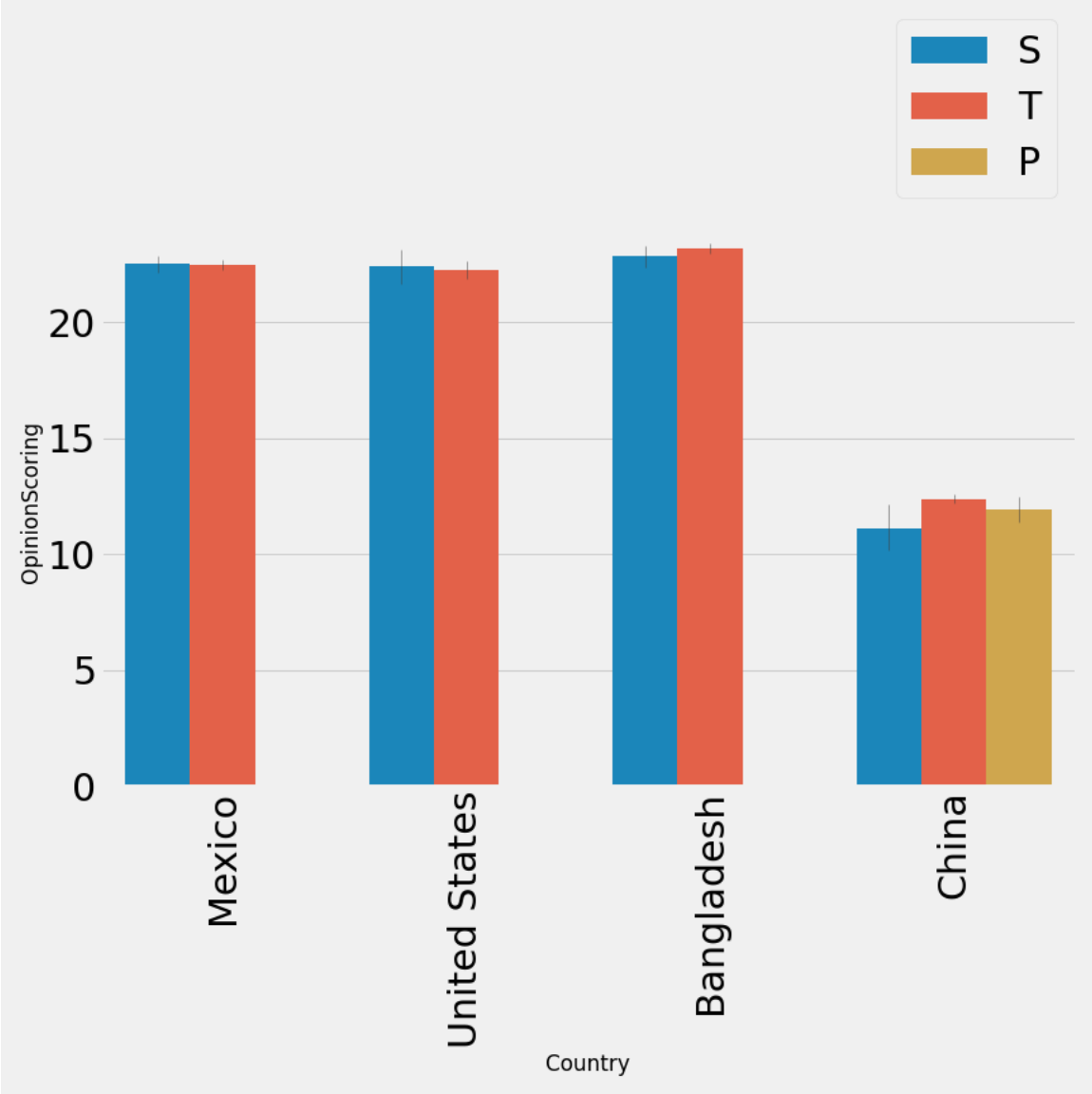|	Country	Value	Critical	Significant
0	China	116.651240	18.549348	True
1	Mexico	16.657539	21.064144	False
2	Bangladesh	26.348577	13.361566	True
3	United States	21.105504	19.811929	True
4	Pakistan	16.751688	13.361566	True
5	Malaysia	9.148135	12.017037	False

China
Bangladesh
US
Pakistan

Did people across different **gender** have variations in Covid 19 related opinion score?

	Country	Value	Critical	Significant
0	China	27.118141	18.549348	True
1	Mexico	8.823810	21.064144	False
2	Bangladesh	7.522225	13.361566	False
3	United States	17.329011	19.811929	False
4	Pakistan	10.637253	13.361566	False
5	Malaysia	6.675922	12.017037	False
6	Japan	13.499716	17.275009	False
7	Zambia	6.282993	13.361566	False

China

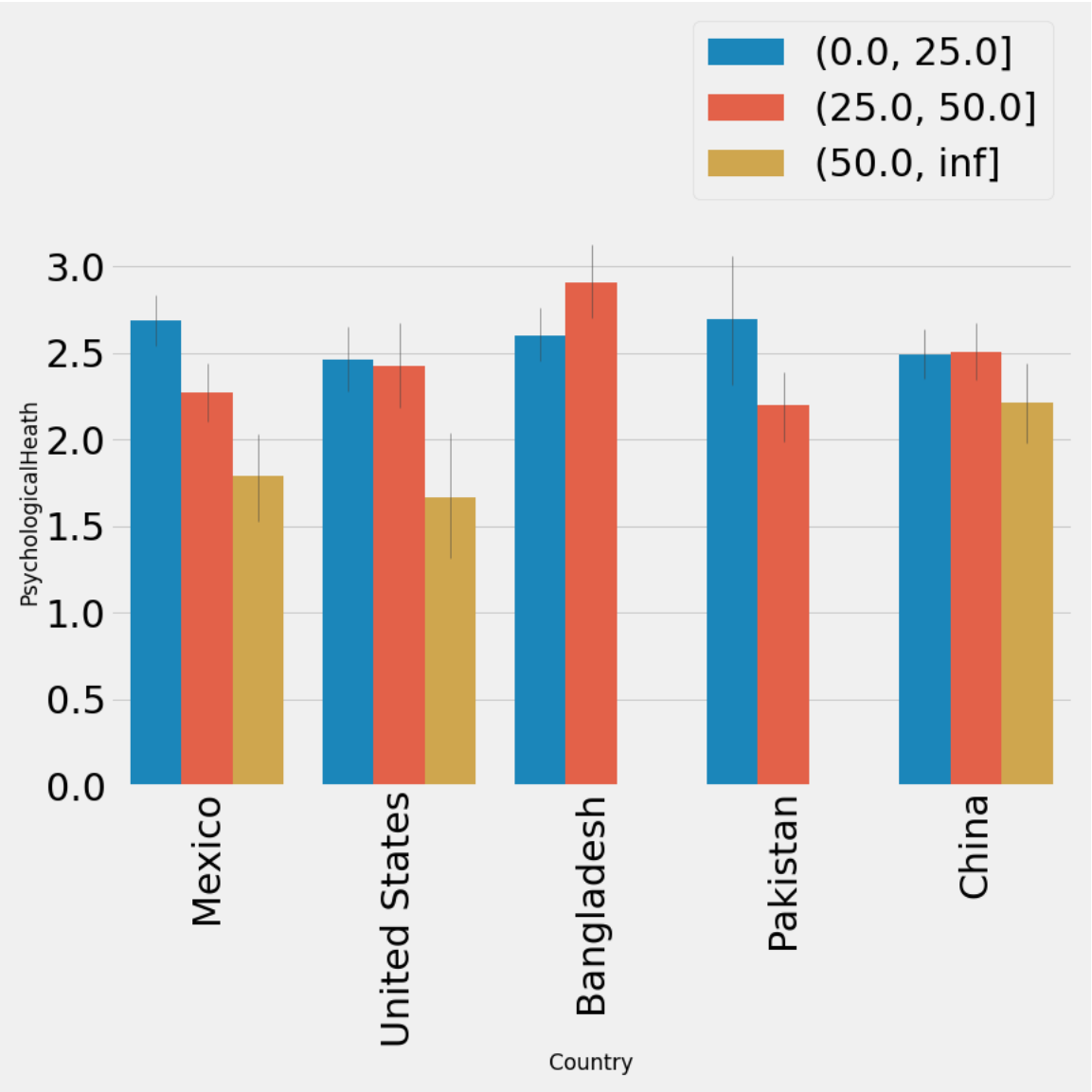# Did people across different **gender** have variations in Covid 19 related opinion score?

	Country	Value	Critical	Significant
0	China	28.294189	33.196244	False
1	Mexico	9.131380	19.811929	False
2	Bangladesh	6.942702	13.361566	False
3	United States	12.031368	19.811929	False

None

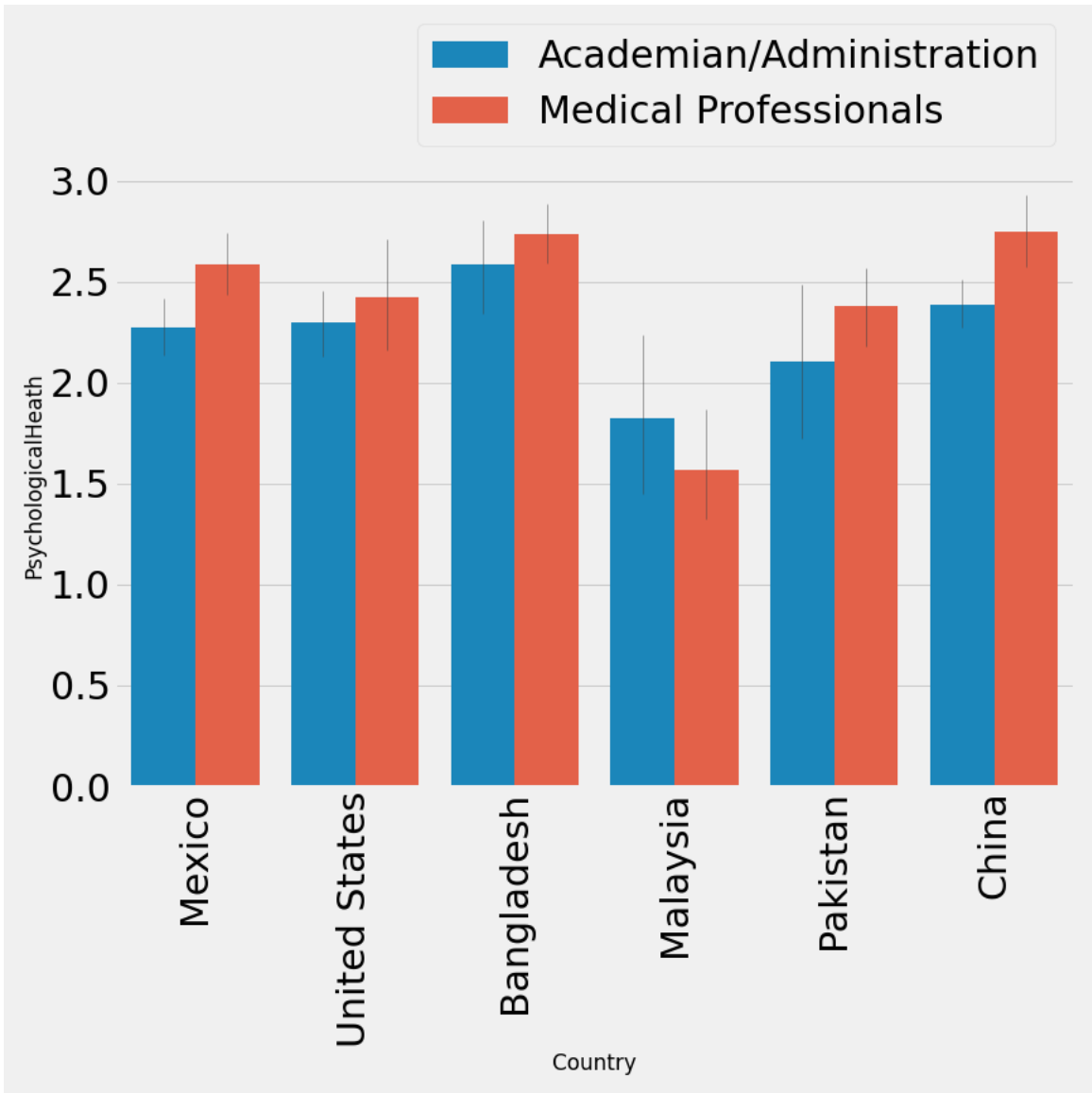# Analysis of difference in Psychological Health Score of Covid 19 …

Did people across different **age group** have variations in Covid 19 related Psychological Health scoring?

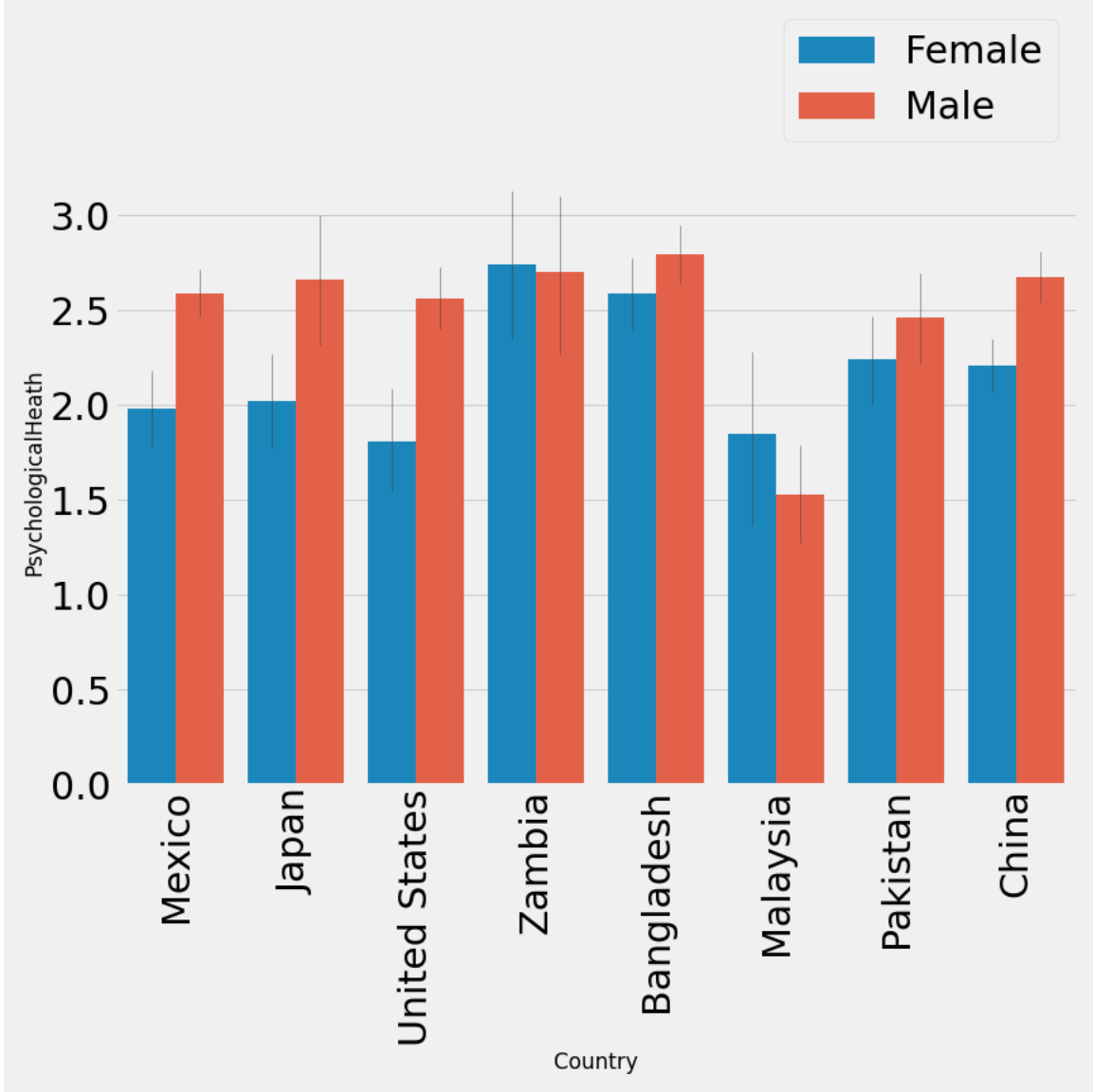|	Country	Value	Critical	Significant
0	China	15.013493	15.987179	False
1	Mexico	35.181342	15.987179	True
2	Bangladesh	7.066052	9.236357	False
3	United States	22.906718	15.987179	True
4	Pakistan	10.514728	9.236357	True

Mexico
US
Pakistan

Did people across different **profession** have variations in Covid 19 related Psychological Health scoring?

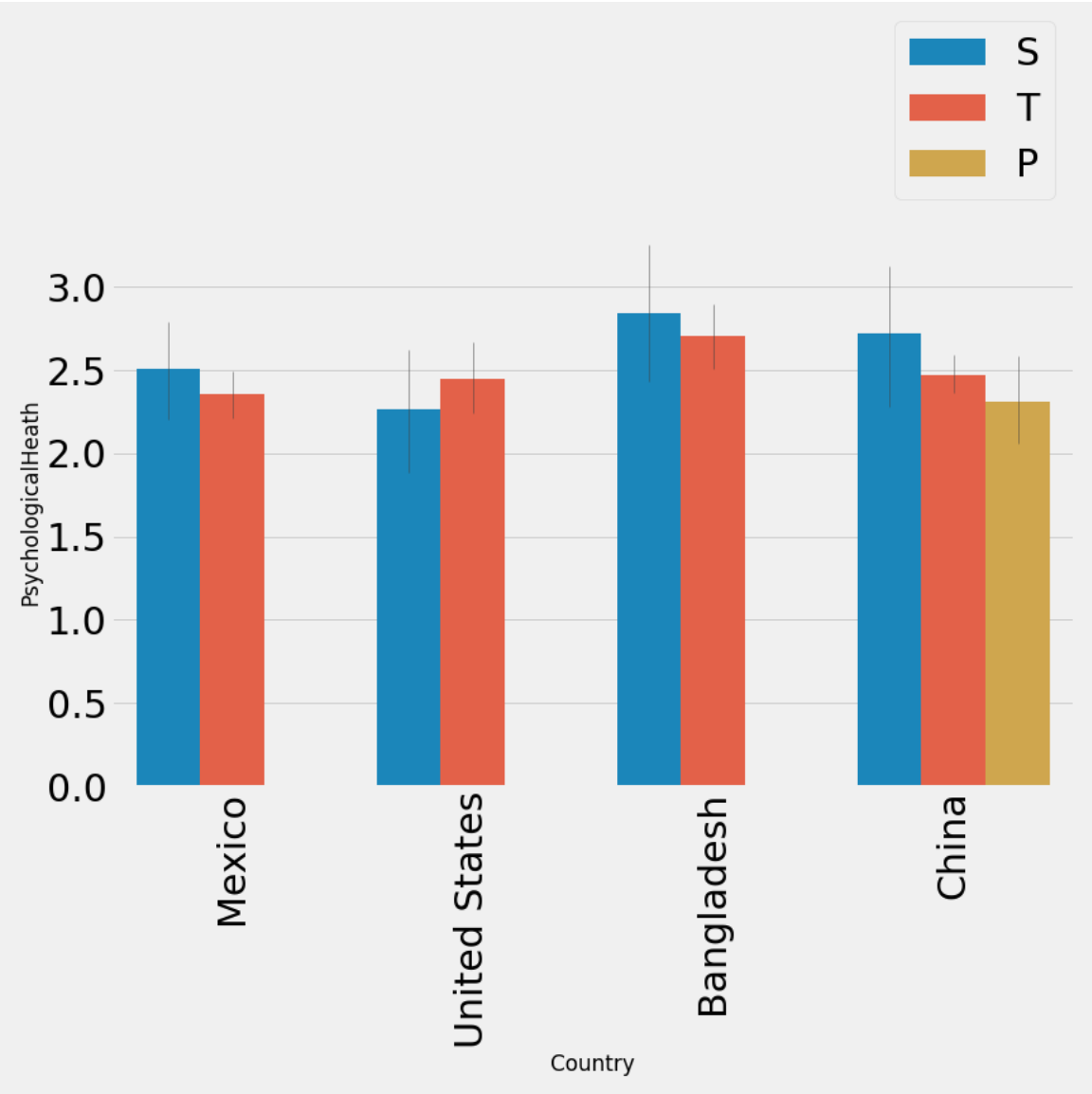|	Country	Value	Critical	Significant
0	China	26.352604	9.236357	True
1	Mexico	9.209538	9.236357	False
2	Bangladesh	3.087833	9.236357	False
3	United States	2.885931	9.236357	False
4	Pakistan	5.695095	9.236357	False
5	Malaysia	4.885100	9.236357	False

China

Did people across different **gender** have variations in Covid 19 related Psychological Health scoring?

	Country	Value	Critical	Significant
0	China	19.773336	9.236357	True
1	Mexico	36.426480	9.236357	True
2	Bangladesh	10.467401	9.236357	True
3	United States	28.145261	9.236357	True
4	Pakistan	11.446725	9.236357	True
5	Malaysia	5.908089	9.236357	False
6	Japan	13.956991	9.236357	True
7	Zambia	2.284339	9.236357	False

China
Mexico
Bangladesh
US
Pakistan
Japan

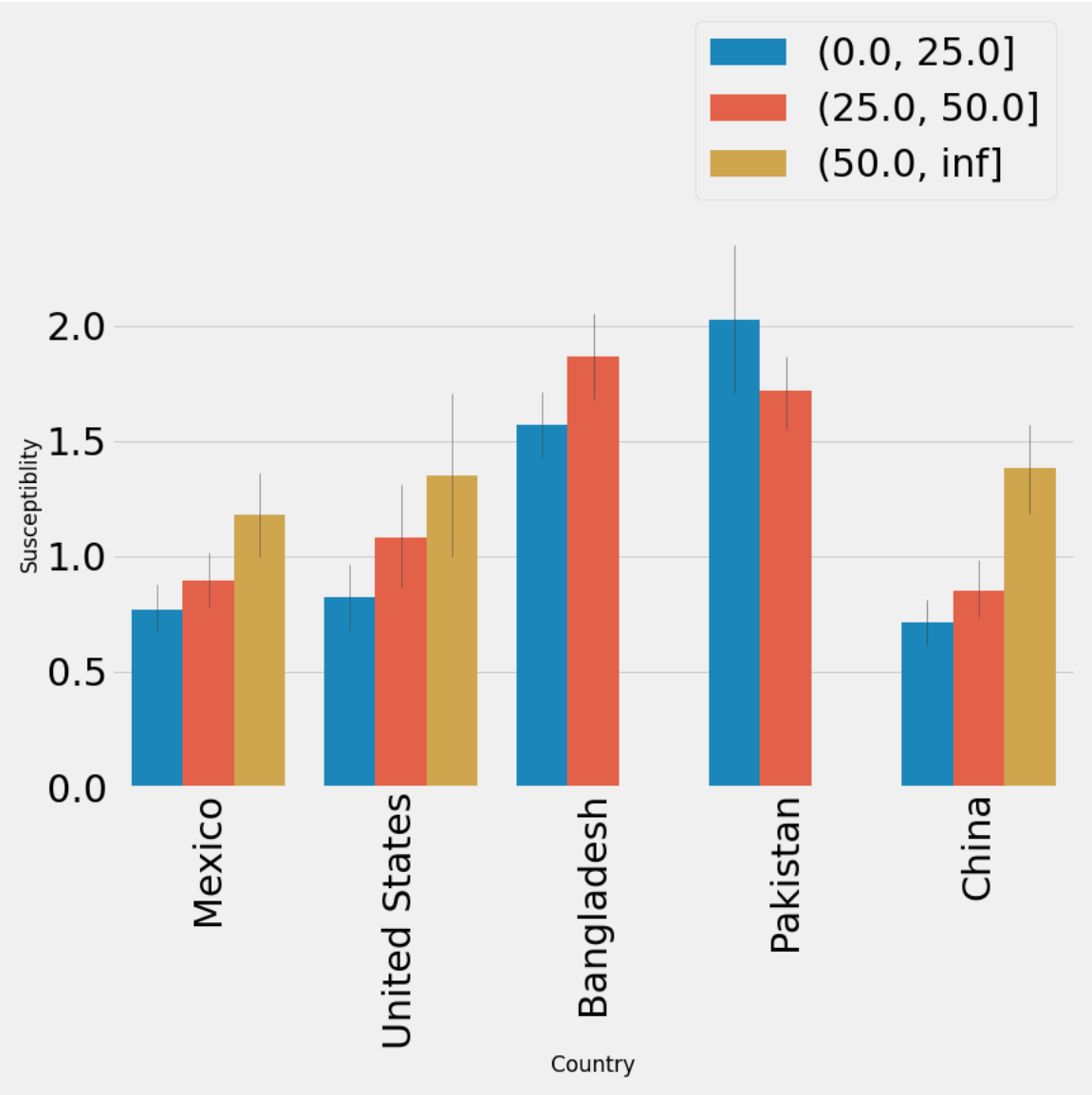# Did people across different **gender** have variations in Covid 19 related Psychological Health scoring?

	Country	Value	Critical	Significant
0	China	5.979343	15.987179	False
1	Mexico	4.903029	9.236357	False
2	Bangladesh	2.486439	9.236357	False
3	United States	3.902000	9.236357	False

None

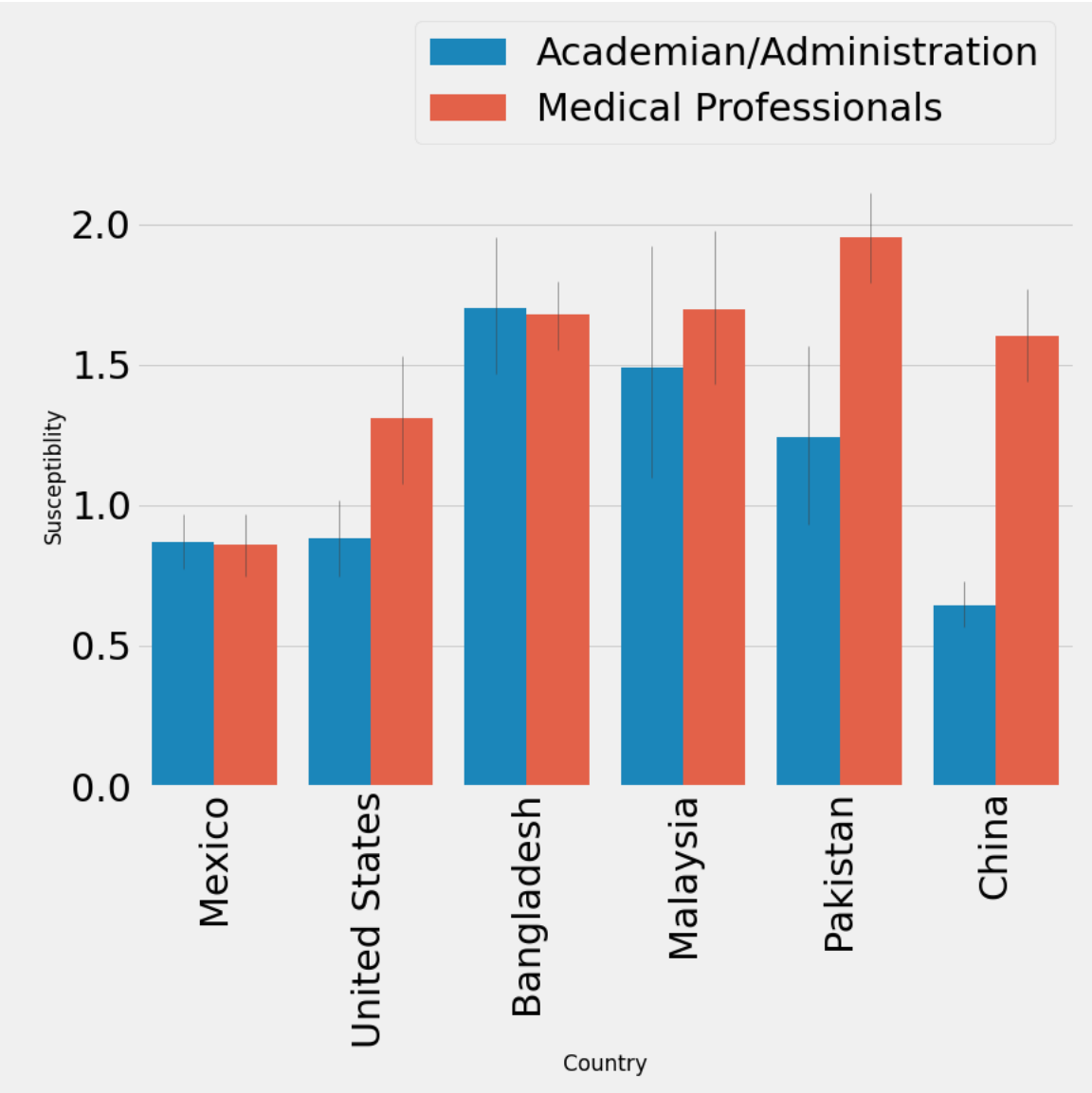# Analysis of difference in Susceptibility Score of Covid 19 ...

Did people across different **age group** have variations in Covid 19 related Susceptibility scoring?

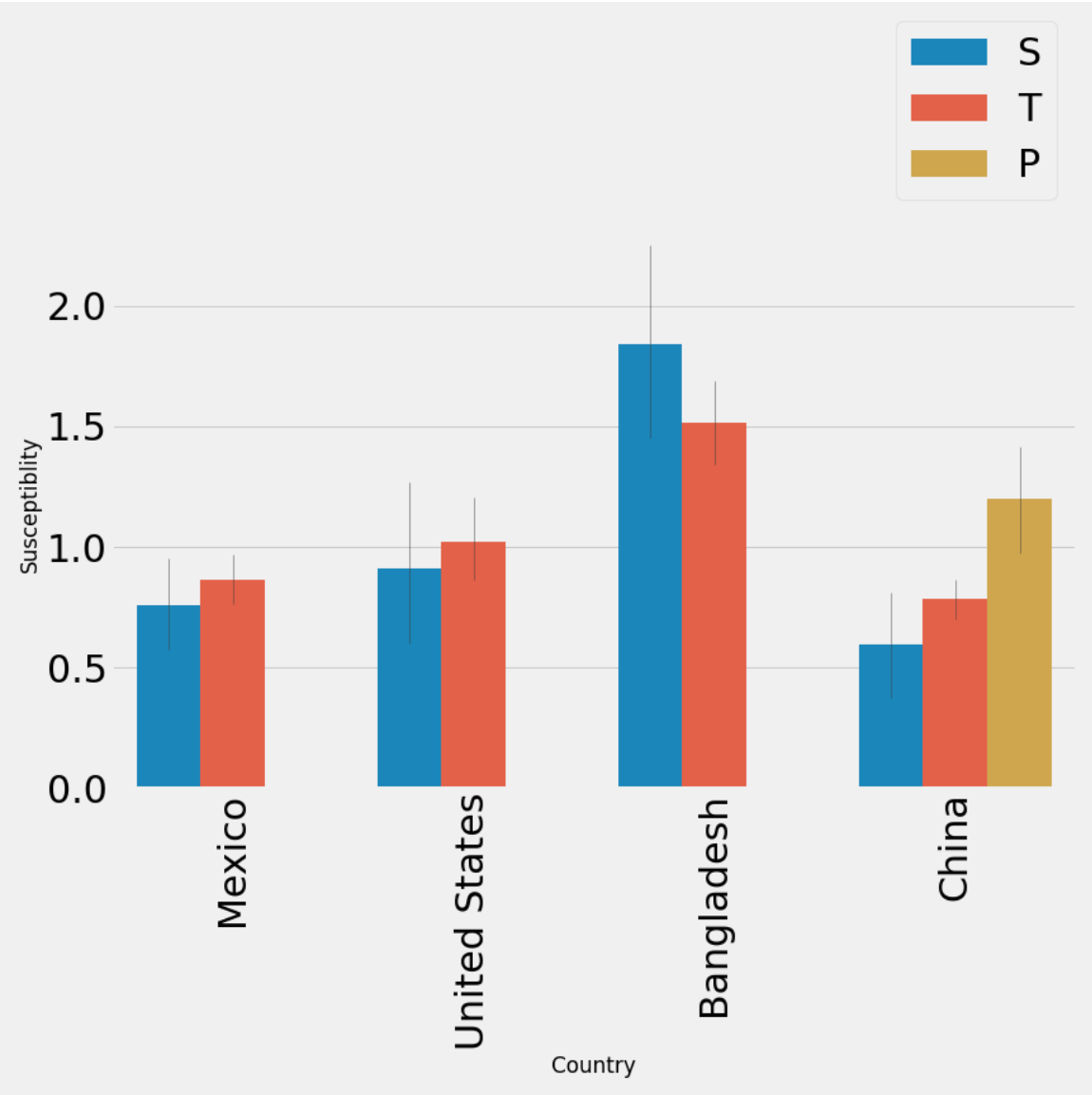|	Country	Value	Critical	Significant
0	China	74.529462	13.361566	True
1	Mexico	41.509553	13.361566	True
2	Bangladesh	28.558869	7.779440	True
3	United States	14.221271	13.361566	True
4	Pakistan	12.285041	7.779440	True

China
Mexico
Bangladesh
US
Pakistan

Did people across different **profession** have variations in Covid 19 related Susceptibility scoring?

	Country	Value	Critical	Significant
0	China	128.733138	7.779440	True
1	Mexico	5.327246	7.779440	False
2	Bangladesh	31.729280	7.779440	True
3	United States	15.547142	7.779440	True
4	Pakistan	33.492860	7.779440	True
5	Malaysia	6.920643	7.779440	False

China
Bangladesh
US
Pakistan

Did people across different **gender** have variations in Covid 19 related Susceptibility scoring?

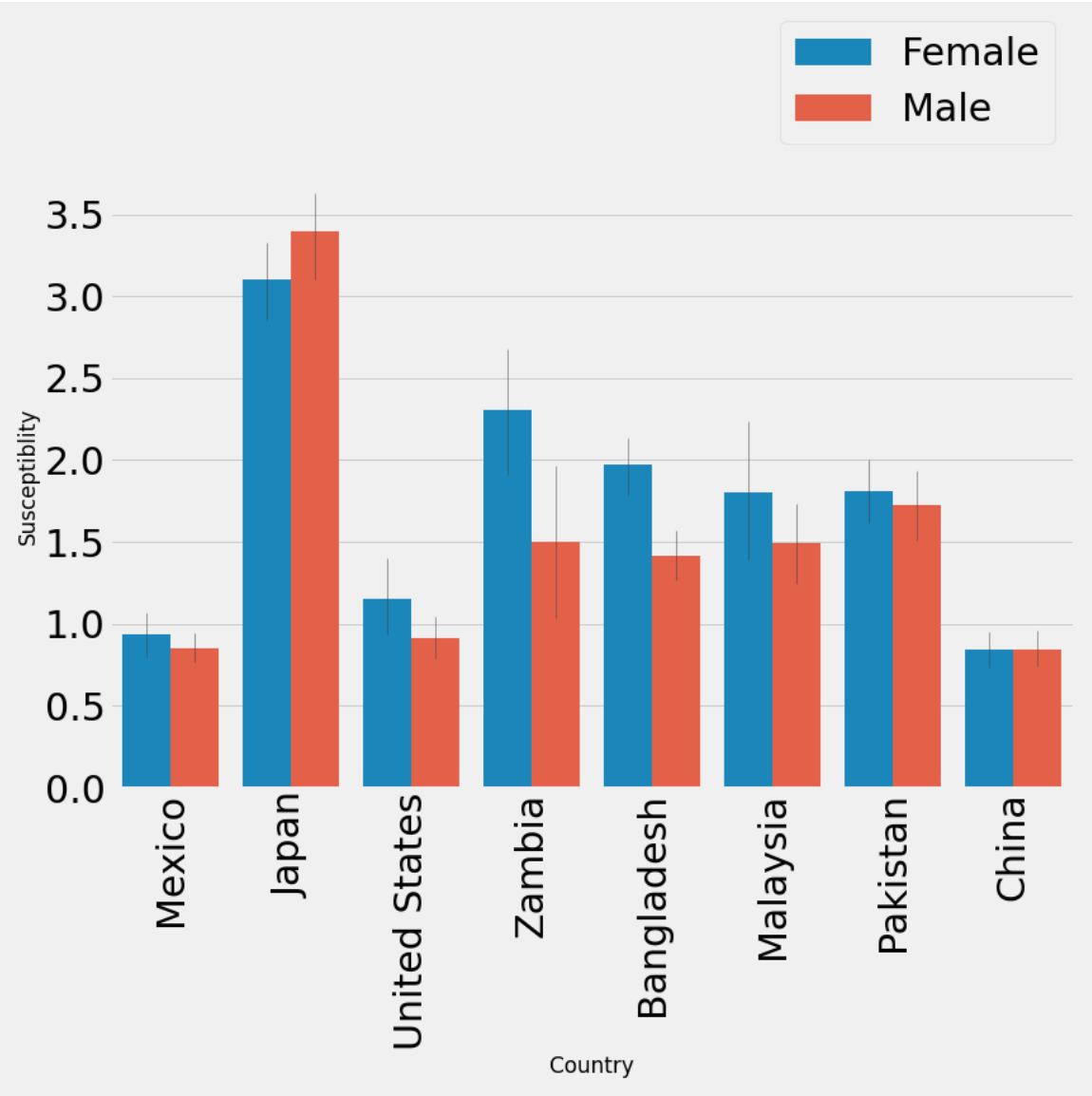|	Country	Value	Critical	Significant
0	China	20.370215	13.361566	True
1	Mexico	1.965531	7.779440	False
2	Bangladesh	4.638665	7.779440	False
3	United States	4.143795	7.779440	False

China

Did people across different **gender** have variations in Covid 19 related Susceptibility scoring?

	Country	Value	Critical	Significant
0	China	9.482627	7.779440	True
1	Mexico	5.480000	7.779440	False
2	Bangladesh	19.757752	7.779440	True
3	United States	6.727061	7.779440	False
4	Pakistan	1.978309	7.779440	False
5	Malaysia	4.823498	7.779440	False
6	Japan	9.515047	6.251389	True
7	Zambia	5.483193	7.779440	False

China
Bangladesh
Japan