



**Maths anxiety, maths teaching anxiety, and maths attitudes in primary school teachers:
A multi-country study**

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A survey across 6 countries

Iran, Poland, Serbia, Slovakia, Türkiye, UK

N = 1,153

Variables

Maths anxiety

Maths teaching anxiety

self-directed

student-directed

Maths attitudes

enjoyment

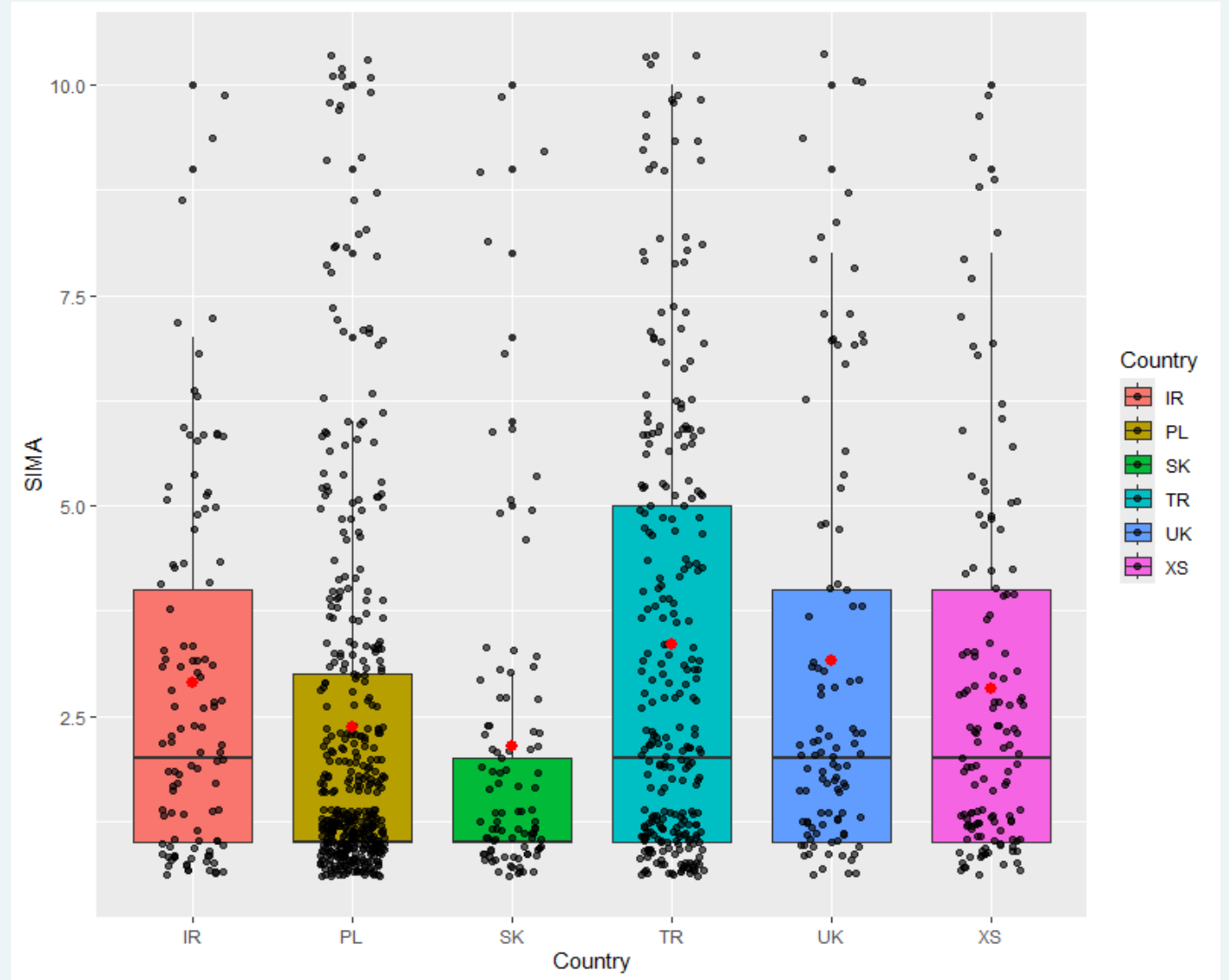
motivation

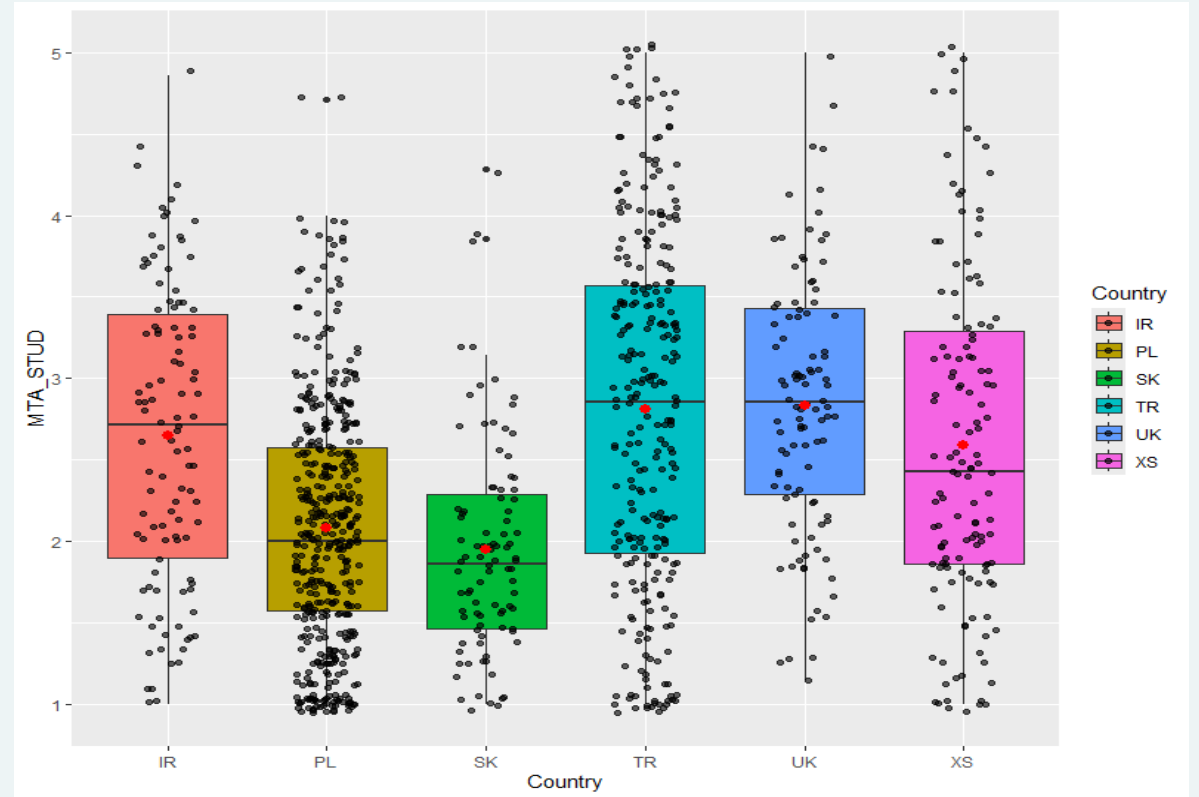
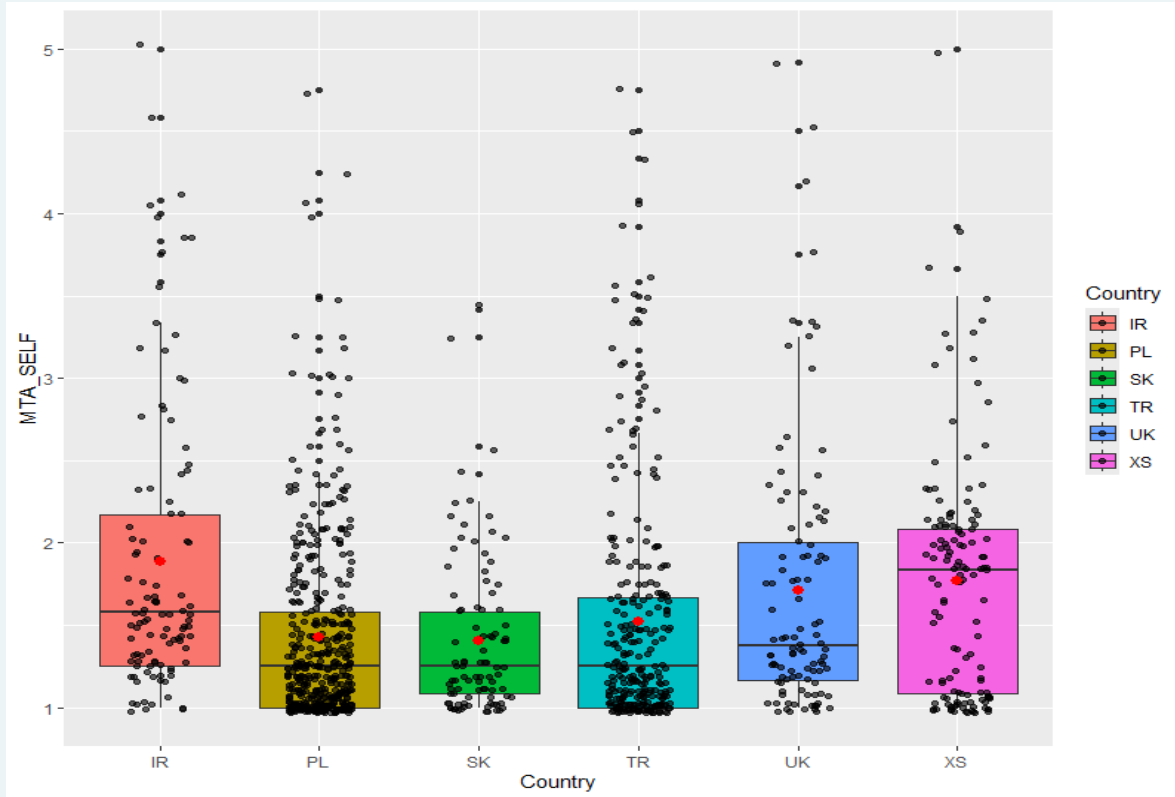
self-confidence

value

Box plot of maths anxiety in the six countries.

Red dot = mean, black horizontal line = median.





Maths anxiety

Country
0.8%

Gender & Years
of teaching
3.8%

Maths teaching anxiety (Self-directed)

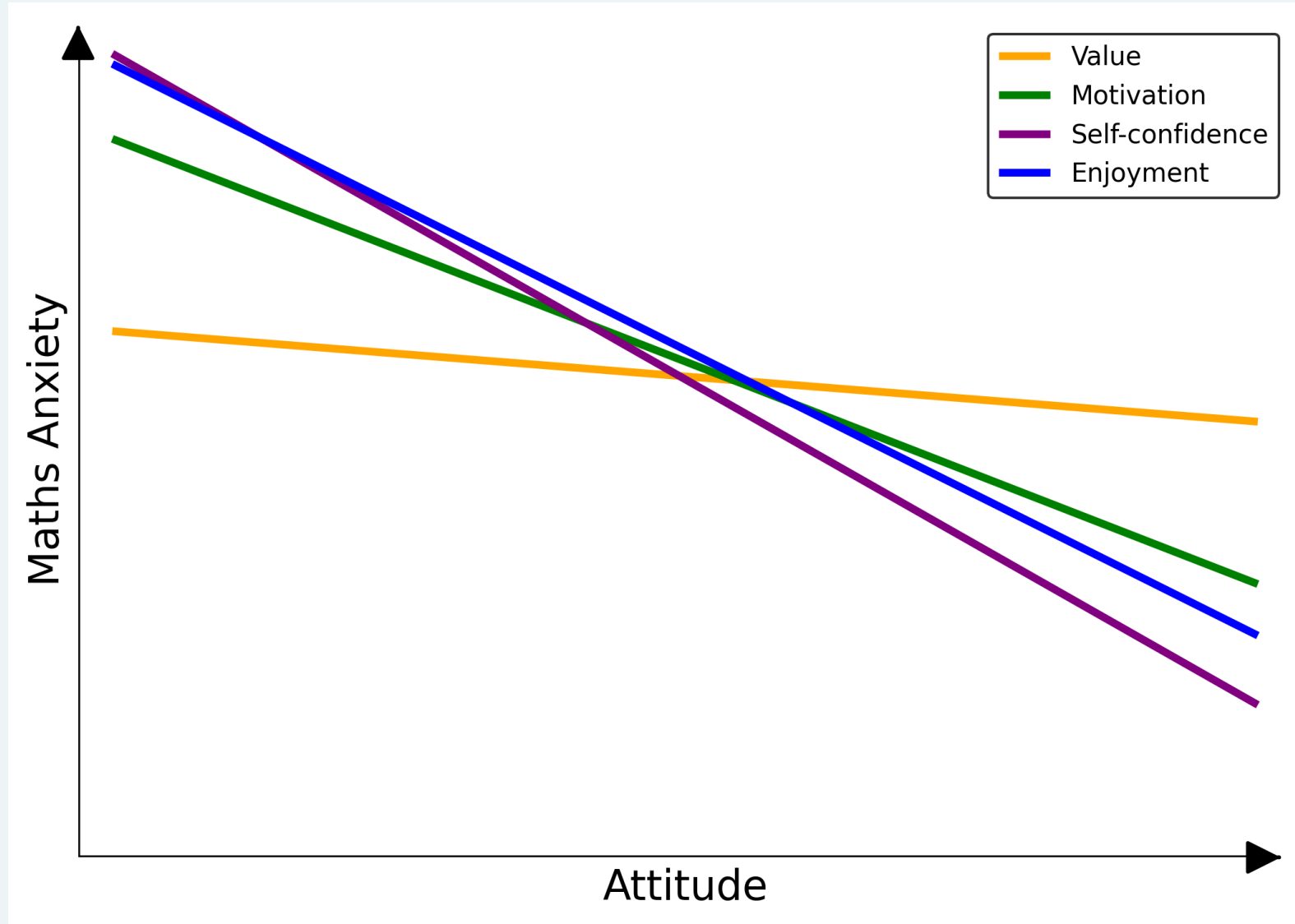
Country
4.7%

Gender & Years
of teaching
2.4%

Maths teaching anxiety (Student-directed)

Country
16.7%

Gender & Years
of teaching
1.4%



Conclusion

It's not all doom and gloom! However.....

There's a notable percentage of teachers who are high in maths anxiety (and maths teaching anxiety)

Both similarities and differences across countries

Percentage of high maths anxious teachers in the UK is double the average

Moderate variation in student-directed maths teaching anxiety according to country

Need to understand exactly who is highly maths anxious

How are teachers identified and supported?

Is maths anxiety associated with recruitment, retention, and development?

Thank you

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