

Does mixing the practice of different topics improve learning?

 [#2225258: Improving Undergraduate Mathematics Education with Interleaving](#)

Blocking & Interleaving



Preliminary results suggest that **interleaving improves learning.**

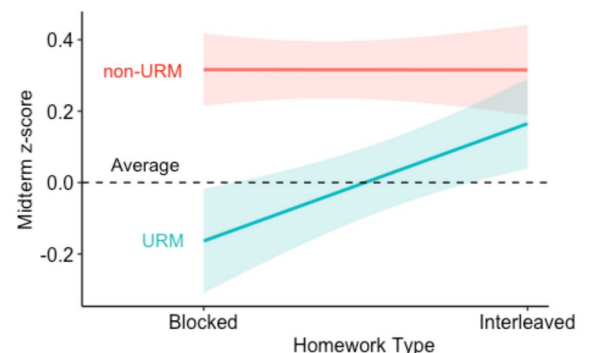
	Blocked	Interleaved	d
Quiz 1	61.2	66.0	0.19*
Quiz 2	54.2	61.8	0.34***

Is everyone helped in the same way?



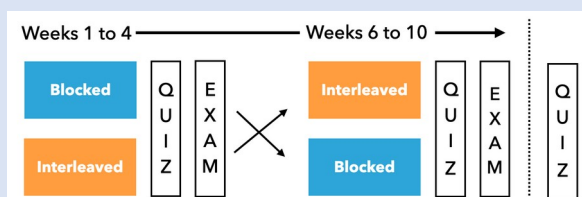
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Interleaving **helps URM students more** than majority students.



Methods

Quantitative



Challenge Area

Analysis

- How can we compare unequal groups?
- What would be the best way to confirm these preliminary results?