

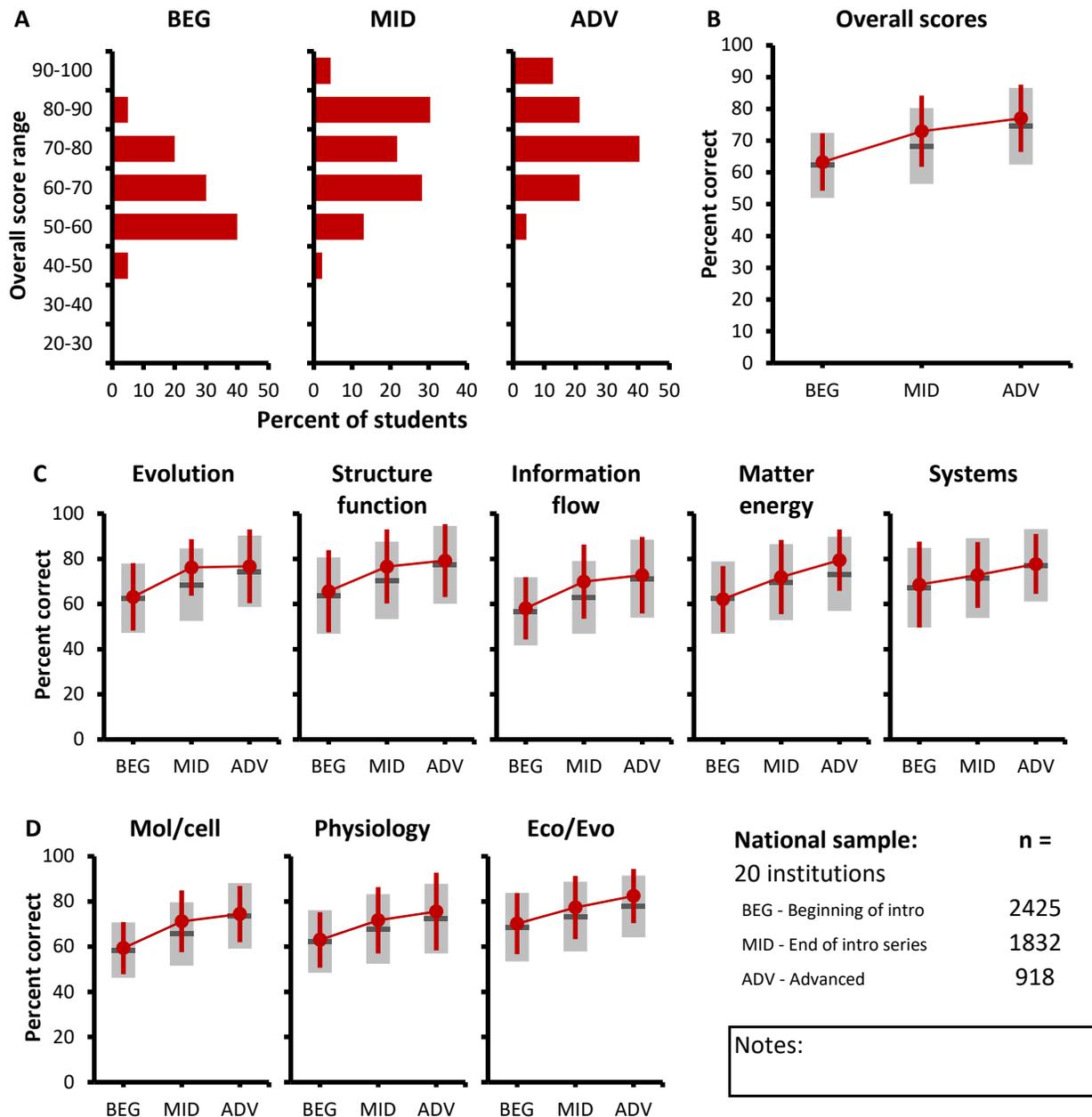
GenBio-MAPS

Program Summary

Overview: GenBio-MAPS measures student understanding of the *Vision and Change* core concepts across an undergraduate biology program. The instrument consists of 39 multiple-true-false question stems with 4-5 T/F items for each stem. Every item tests a core concept in the context of a subdisciplinary context. Each student answers 15 random question stems.

Institution:

Sample:	n =
BEG - Beginning of intro	100
MID - End of intro series	46
ADV - Advanced	47



(A) Histogram showing local student overall score distributions at each time point. (B-D) Overall, core concept, and subdiscipline scores at each time point. Round dots and thin error bars represent local means \pm SD. Grey point lines and thick error bars in background represent national means \pm SD.