



The Relationship Between the CSAP and CO-ACT

Results for Two Matched Cohorts:
2006-2007 and 2007-2008

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Matched Cohort: 10th Grade CSAP and 11th Grade CO-ACT

- The following comparisons are based on actual CSAP and ACT data from **two matched cohorts** who took **both** the CSAP as 10th graders and the Colorado ACT (CO-ACT) as 11th graders.



The Cohorts

- Cohort 1 took the 10th grade CSAP in 2006 and the 11th grade CO-ACT in 2007.
 - There were 44,556 students included in Cohort 1 results.
- Cohort 2 took the 10th grade CSAP in 2007 and the 11th grade CO-ACT in 2008
 - There were 45,305 students included in Cohort 2 results.



Correlations Between 10th Grade CSAP & 11th Grade CO-ACT by Content Area

CSAP Content	CO-ACT Content	CO-ACT 2007	CO-ACT 2008
Reading	English	$r = 0.76$	$r = 0.77$
Reading	Reading	$r = 0.71$	$r = 0.73$
Writing	English	$r = 0.80$	$r = 0.79$
Math	Math	$r = 0.82$	$r = 0.83$
Science	Science Reasoning	$r = 0.74$	$r = 0.74$

The correlations above are based on matched student data for students who took both the CSAP and the Colorado ACT.

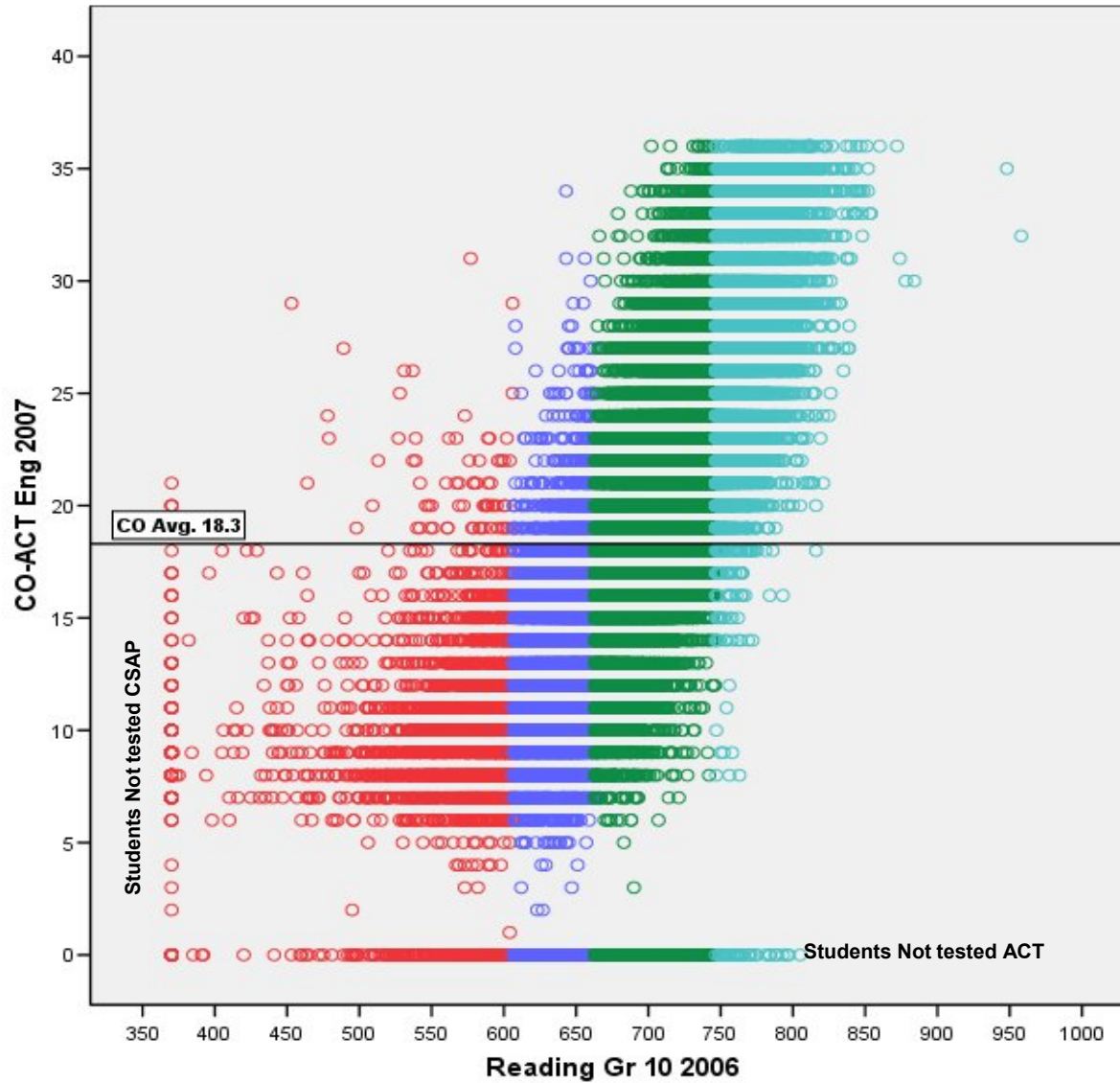
Correlations indicate scores on the CSAP are strongly related to scores on the ACT



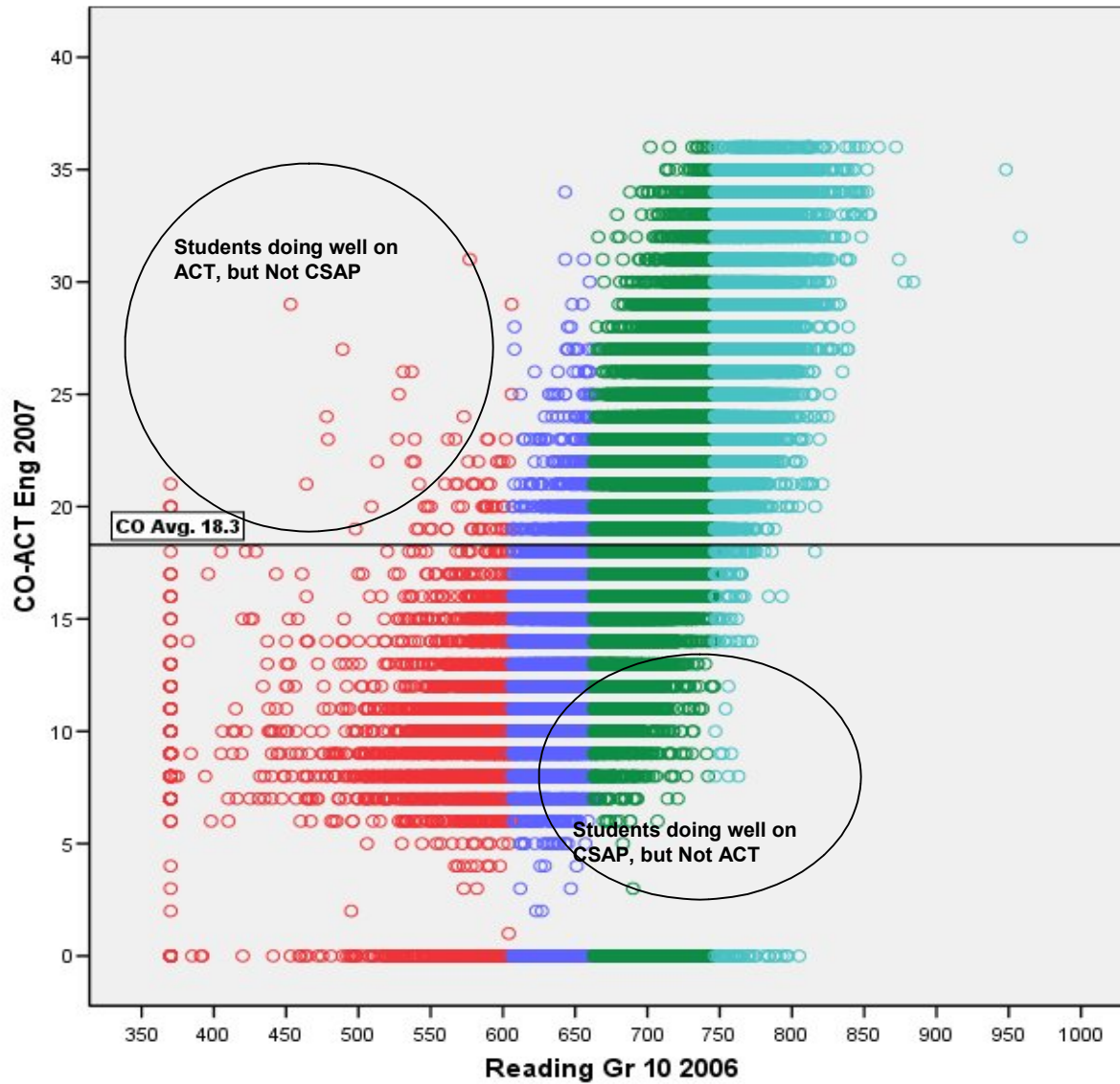
Scattergrams CSAP & CO-ACT

- The Scattergrams below provide the results for matched students on both the CSAP and CO-ACT
- Most students scored similarly on both assessments

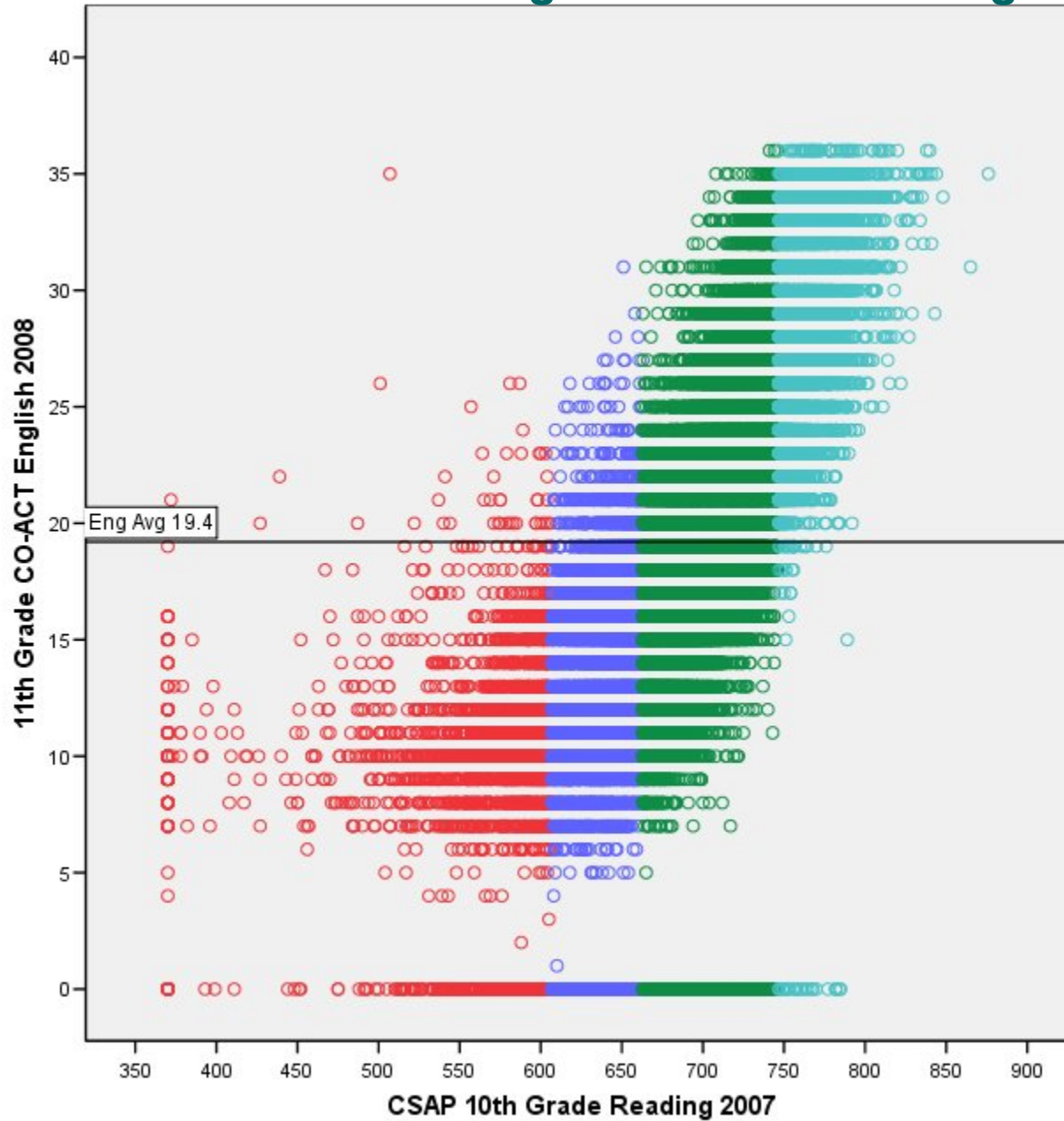
CSAP 10th Reading 06 and CO-ACT English 07



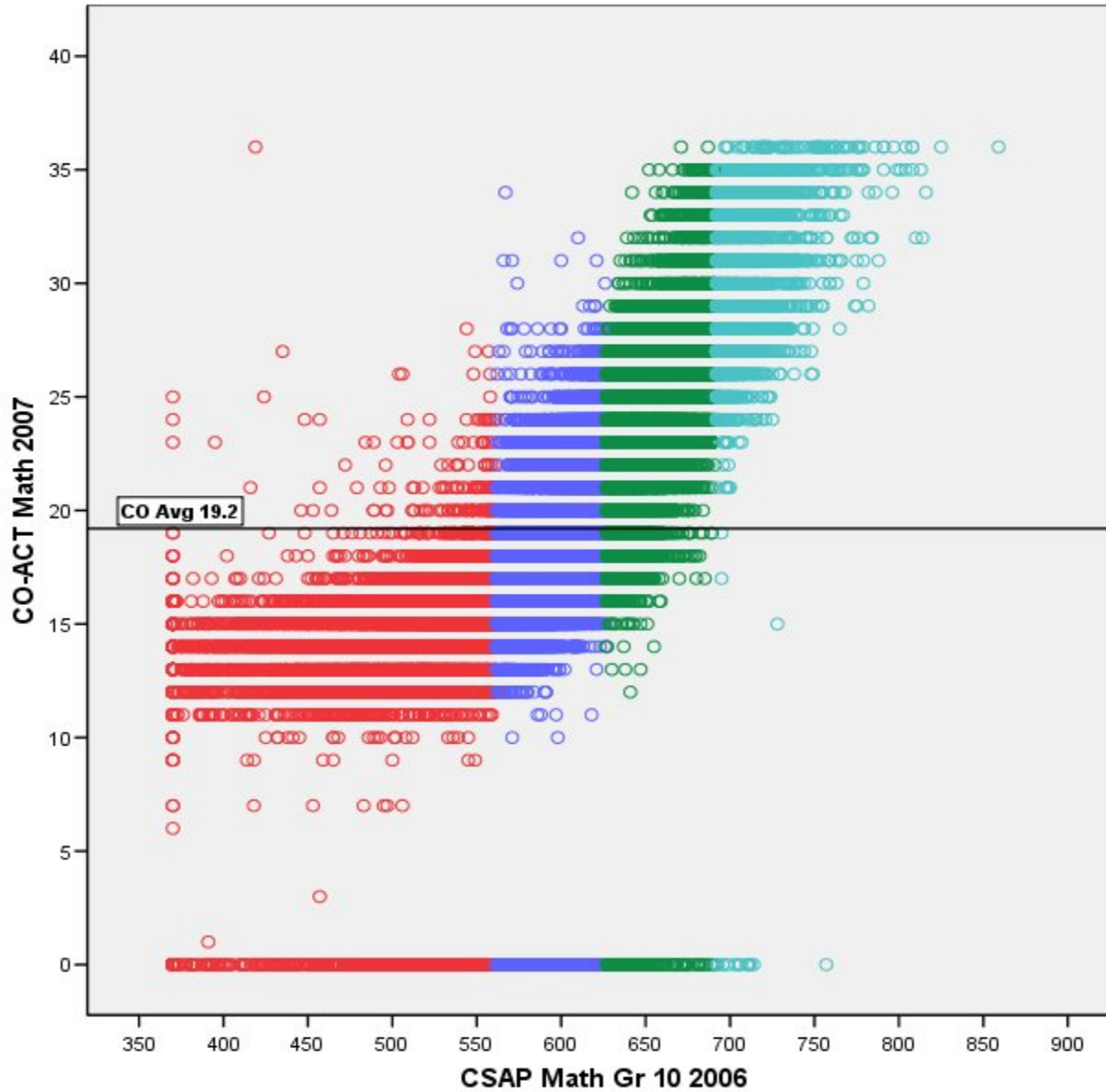
CSAP 10th Reading 06 and ACT English 07



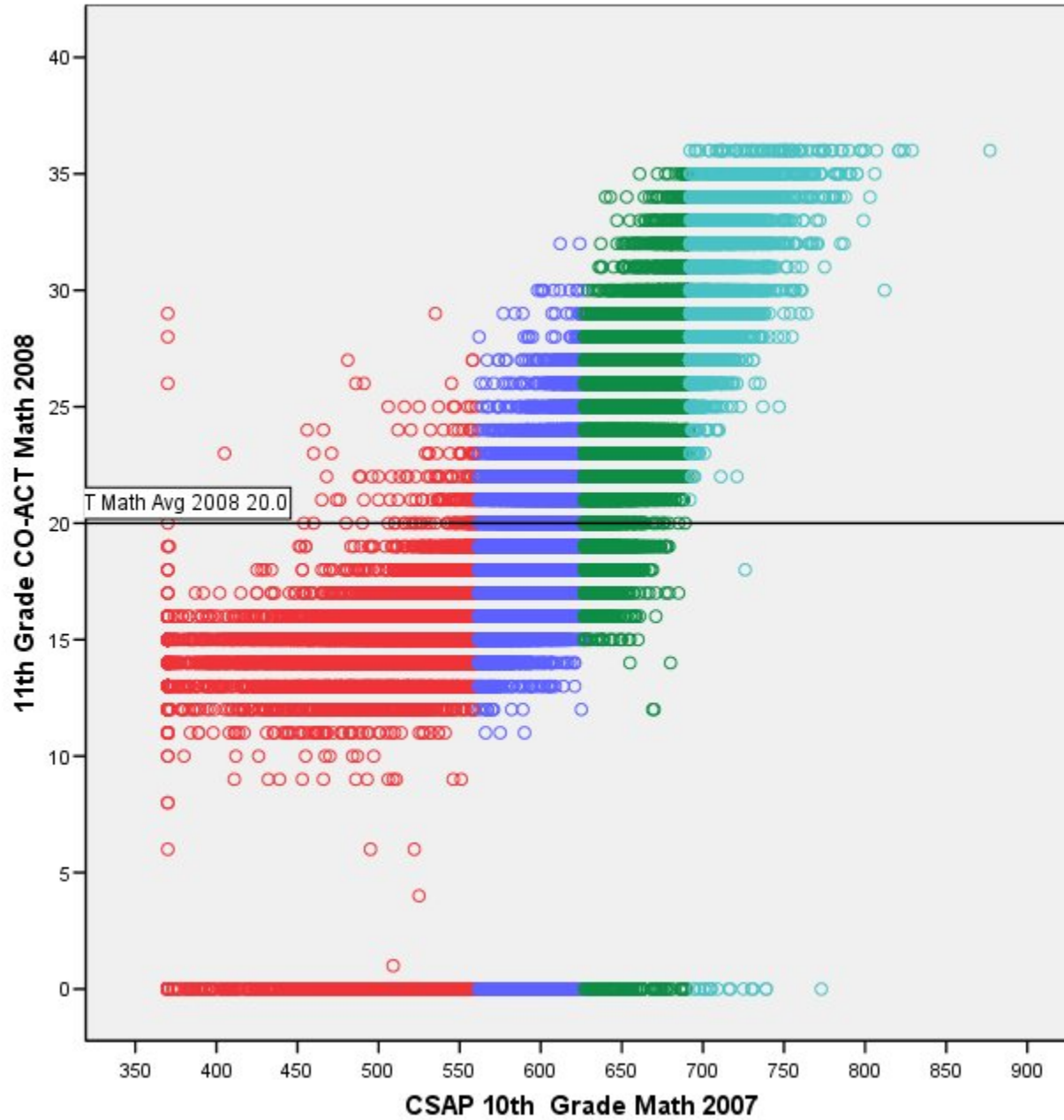
CSAP 10th Reading 07 and CO-ACT English 08



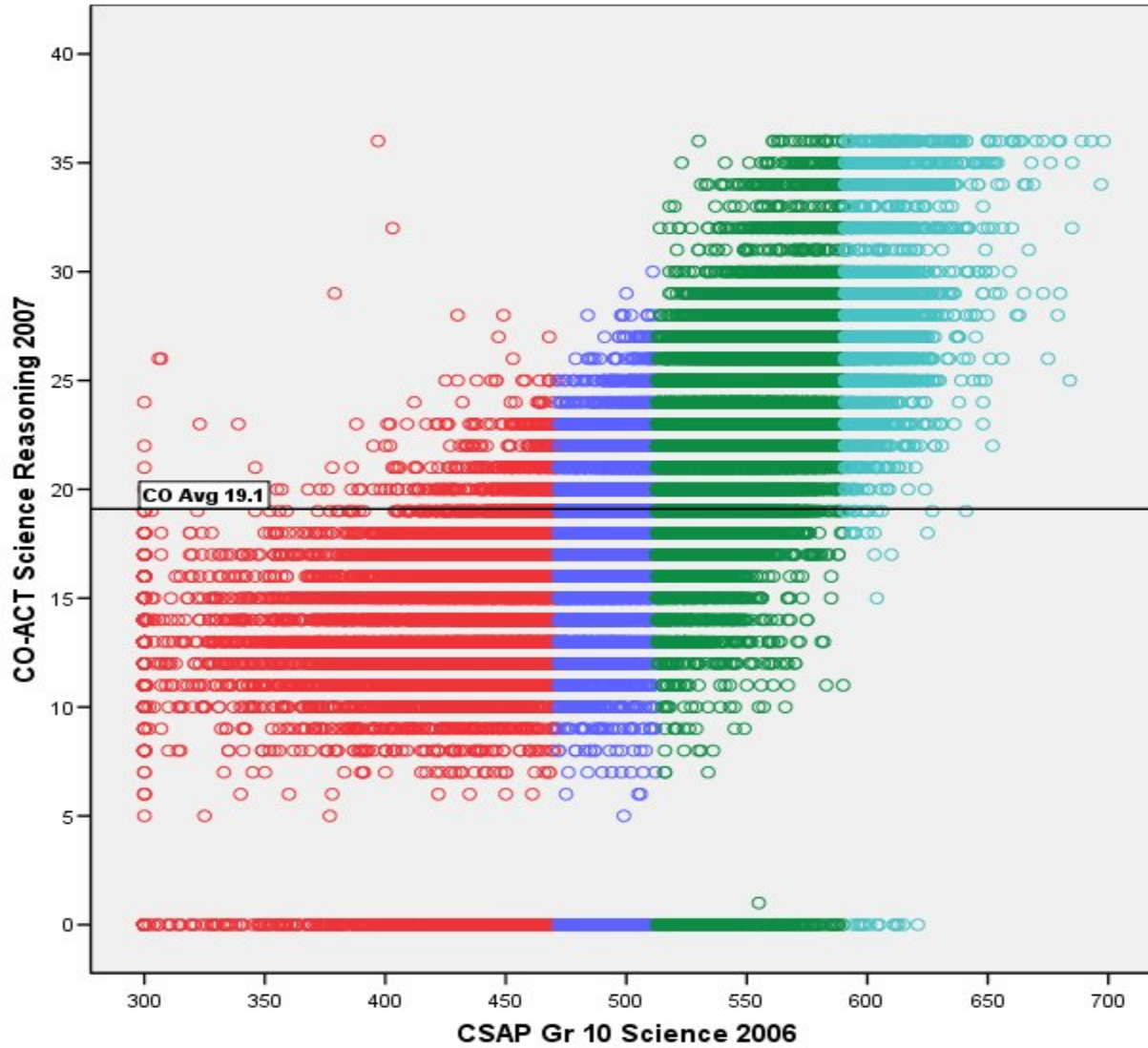
CSAP 10th Math 06 and CO-ACT Math 07



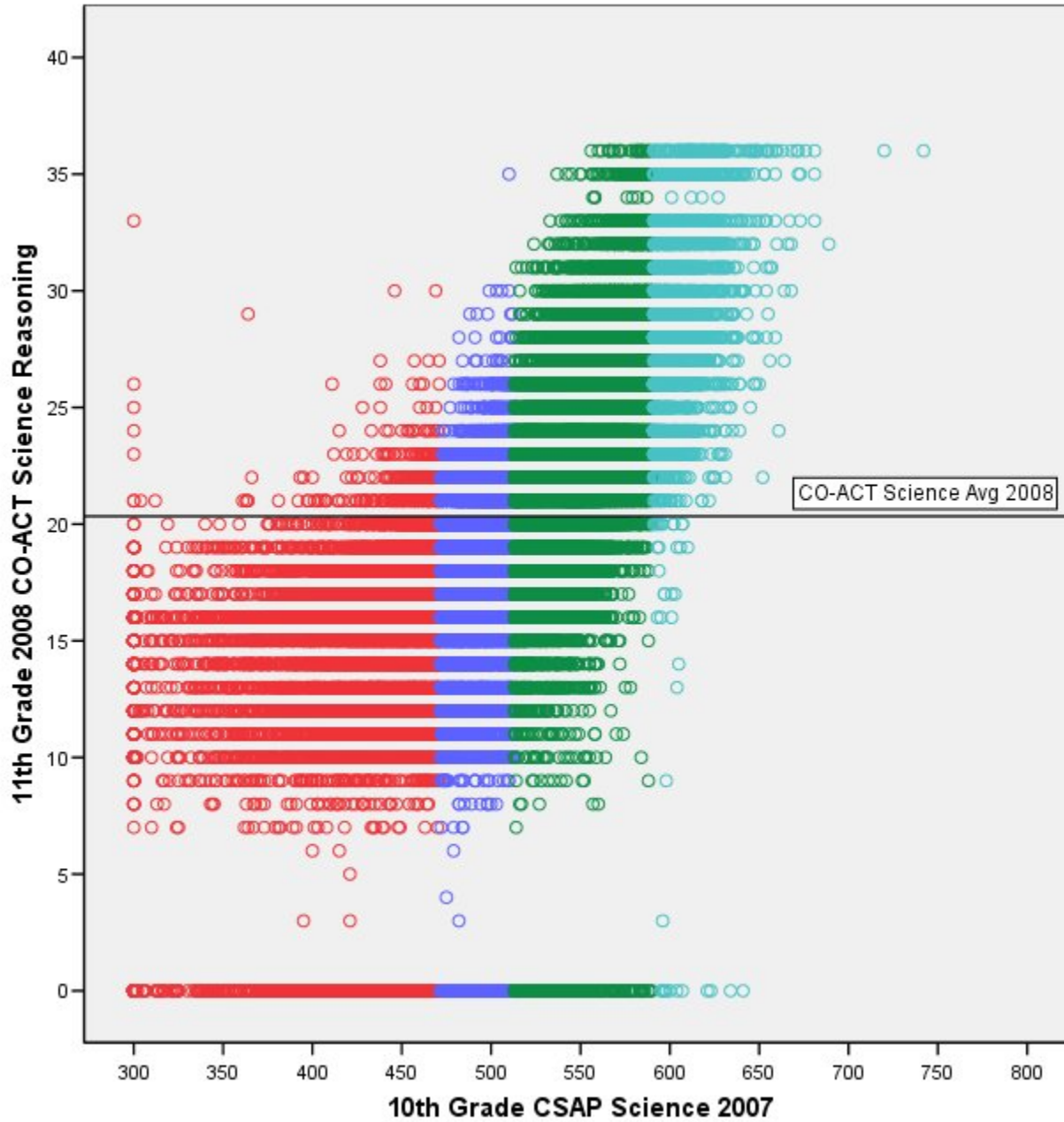
CSAP 10th Math 07 and CO-ACT Math 08



CSAP 10th Science 06 and ACT Science 07



CSAP 10th Science 07 and ACT Science 08





Conclusions

- The correlations between the content areas are high.
- This indicates a substantial degree of relationship between the content on one test and the content of the second.
- They appear to be measuring similar (but not identical) constructs.
- One or the other probably would predict college success equally well.