



SAN DIEGO MESA COLLEGE BASIC SKILLS RETREAT



May 14, 2010

The Data



- ▣ IA
 - ▣ Retention
 - ▣ Success
- ▣ Math XL
 - ▣ Retention
 - ▣ Success
- ▣ IA x XL
 - ▣ Retention
 - ▣ Success
- ▣ Special guests
 - ▣ Mr. Smith and Ms. Mirth

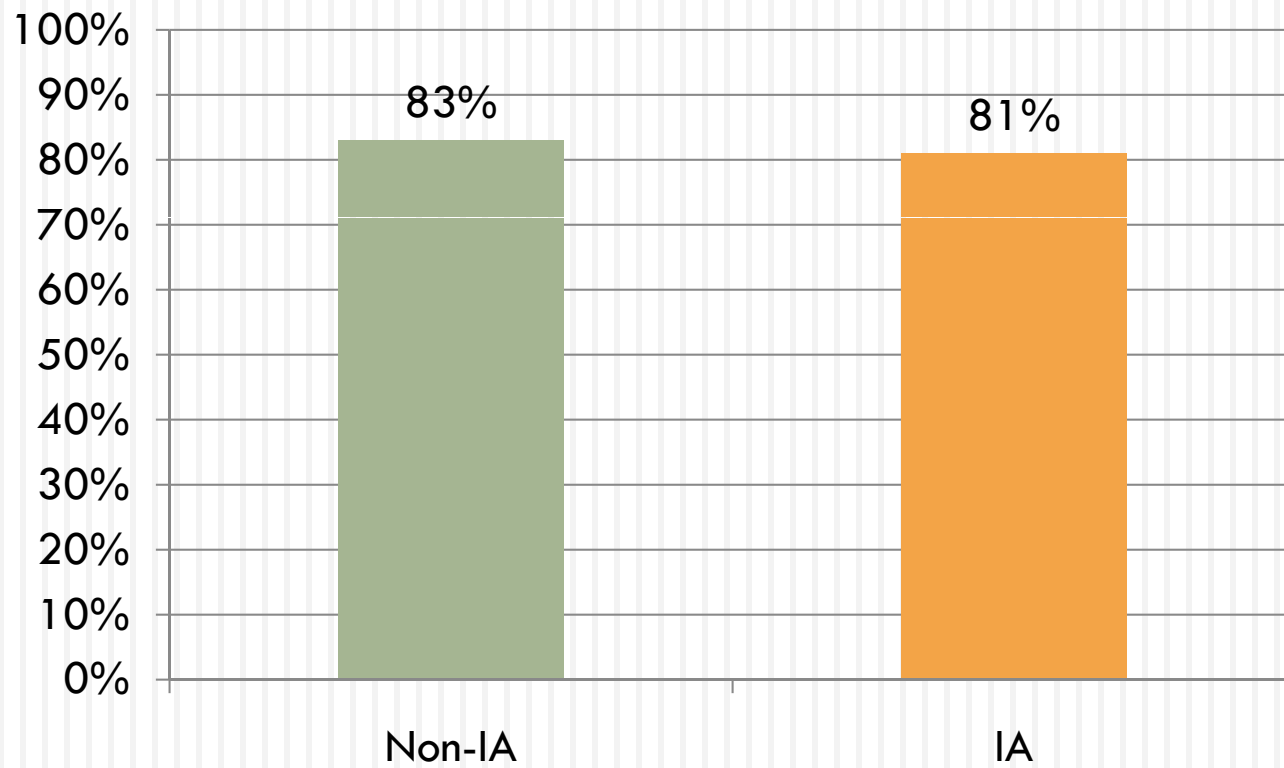


Instructional Assistants*

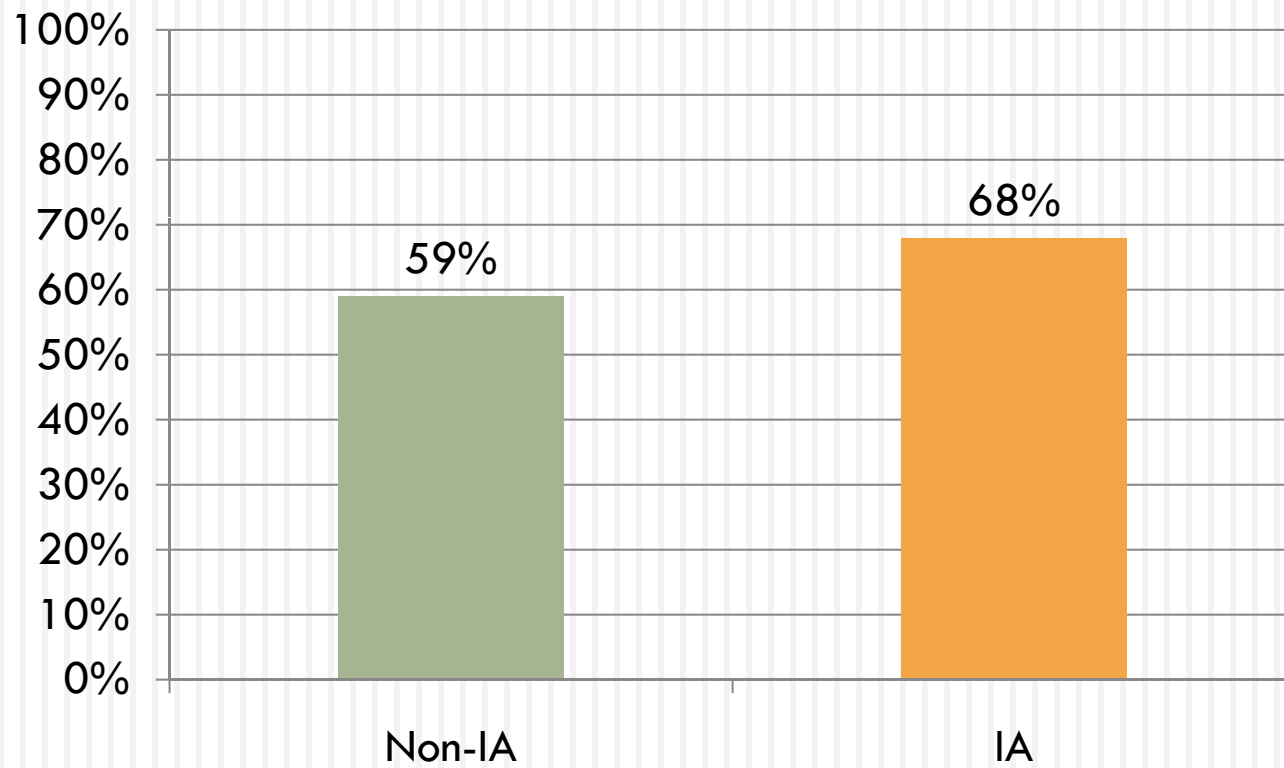
*The strategy formerly known as Supplemental Instruction

- Retention
- Success

ENGL 042 RETENTION FALL 2009

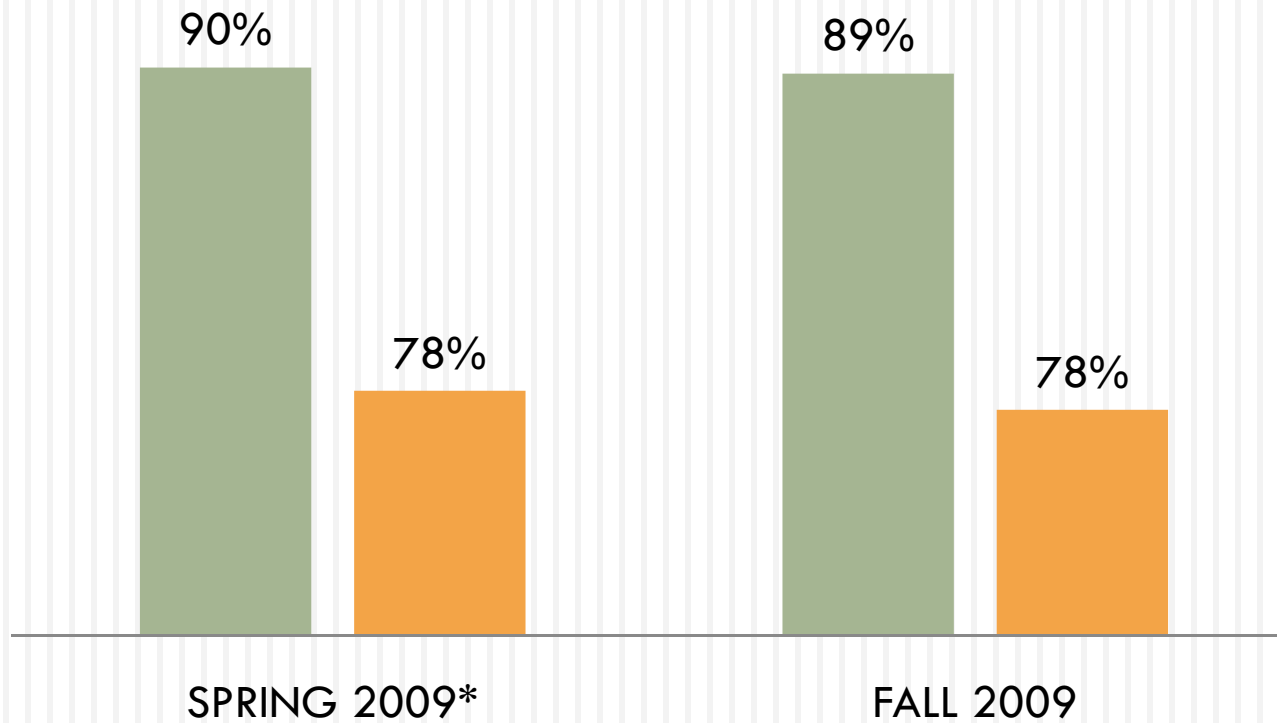


ENLG 042 SUCCESS FALL 2009



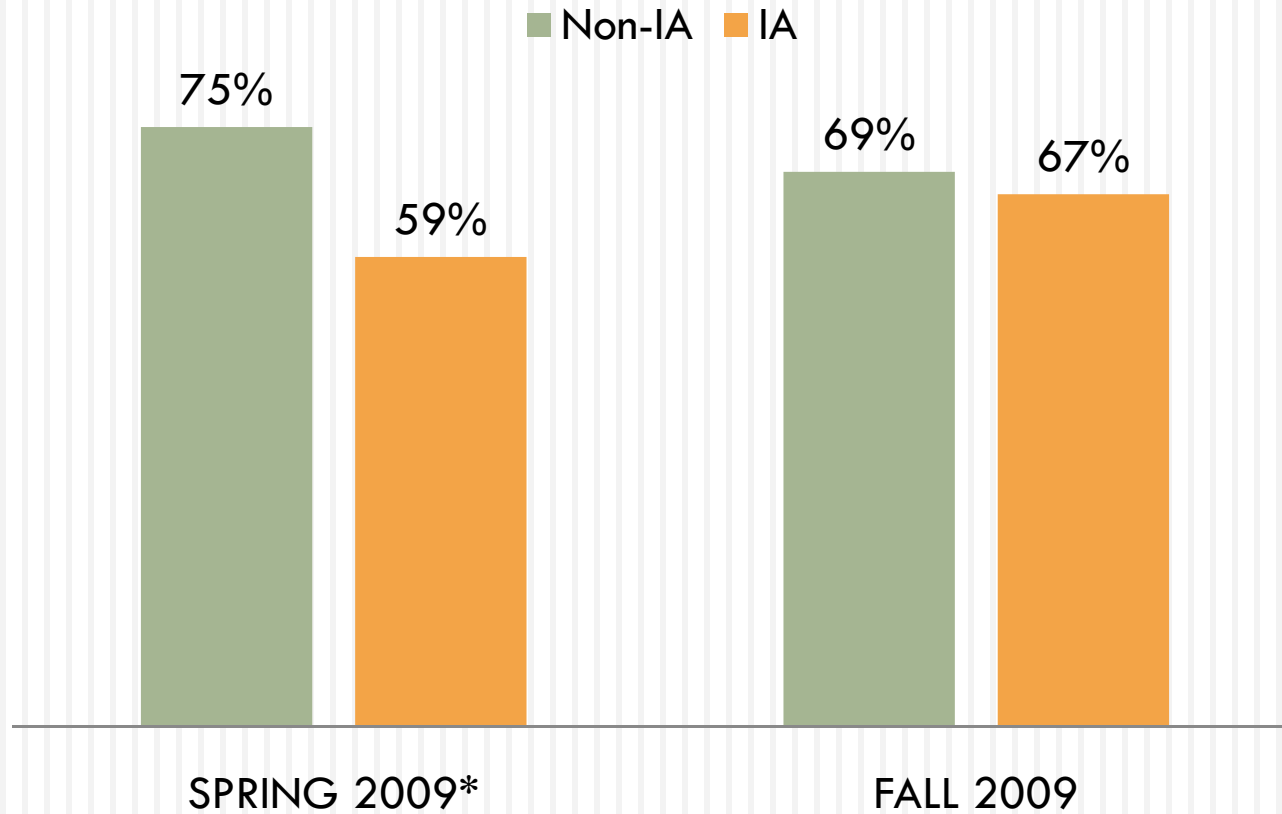
ENGL 048 RETENTION

■ Non-IA ■ IA



Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

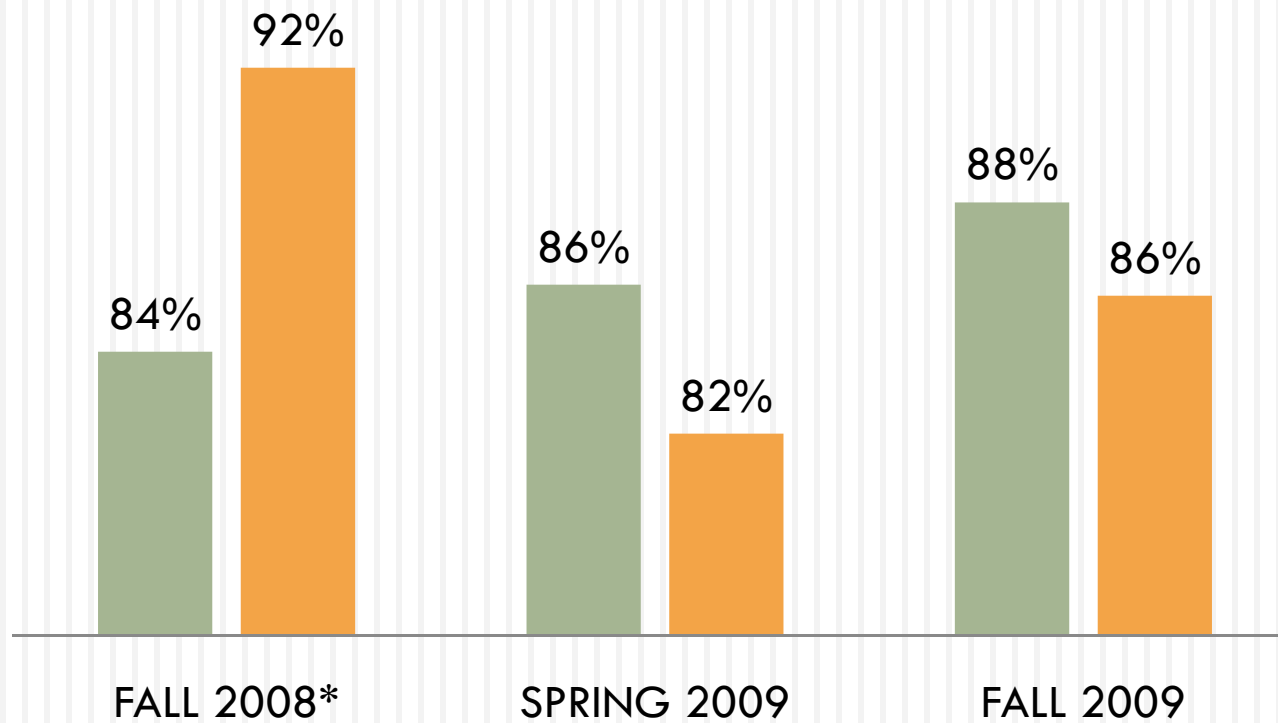
ENGL 048 SUCCESS



Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

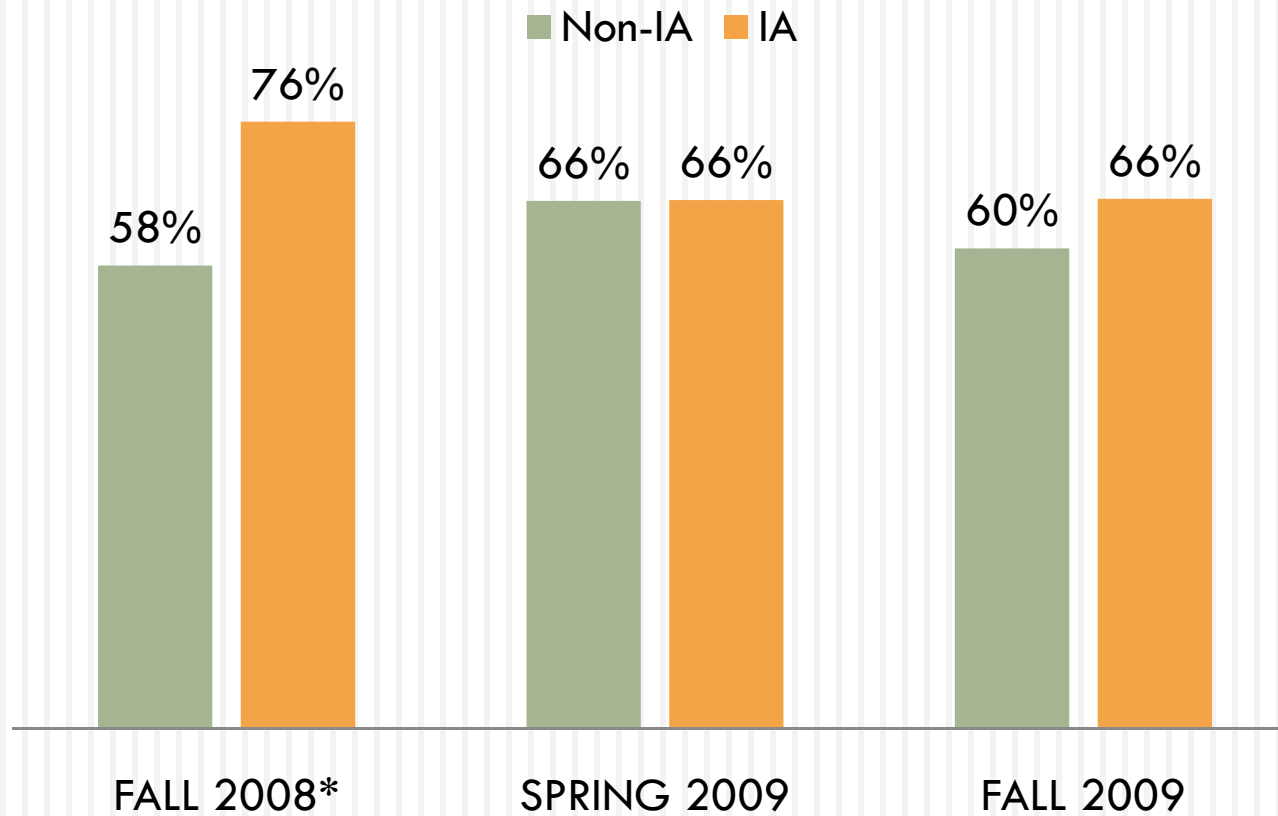
ENGL 49 RETENTION

■ Non-IA ■ IA



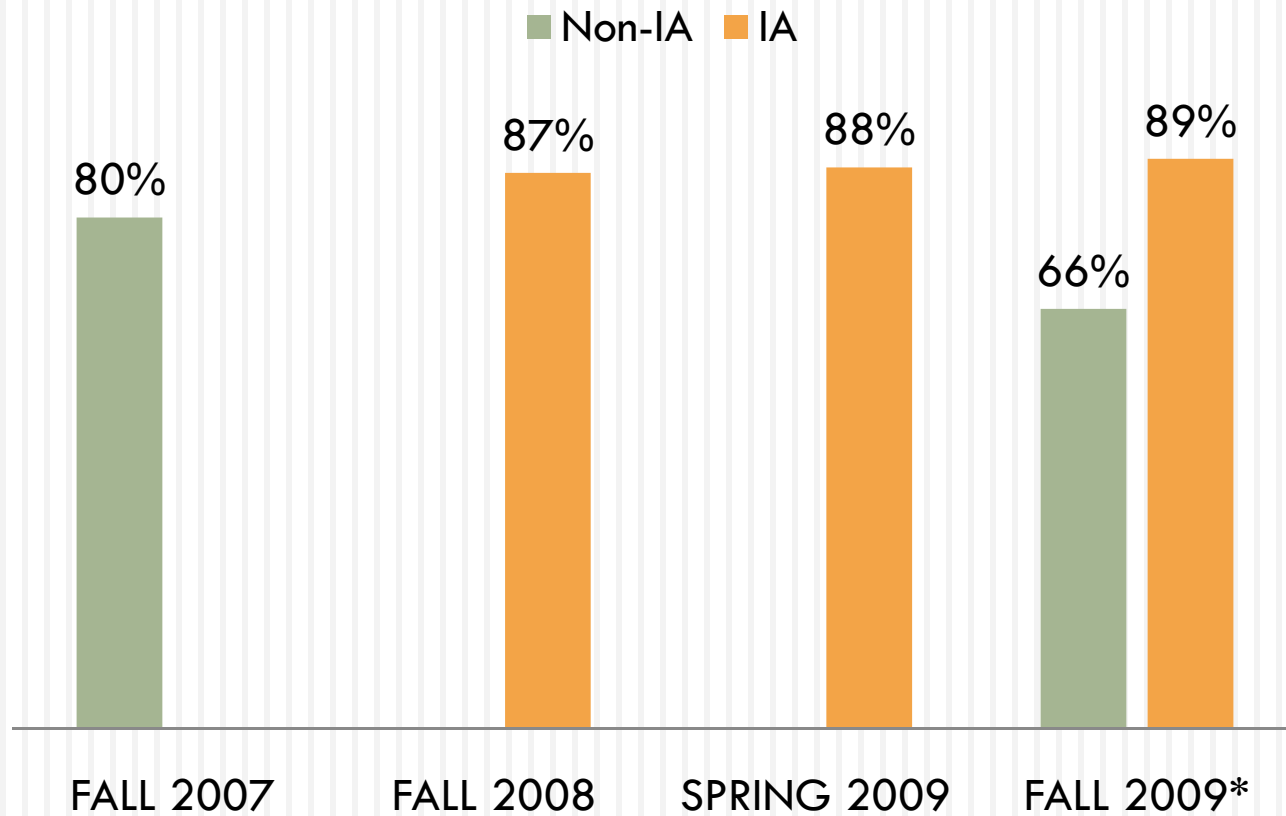
Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

ENGL 049 SUCCESS



Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

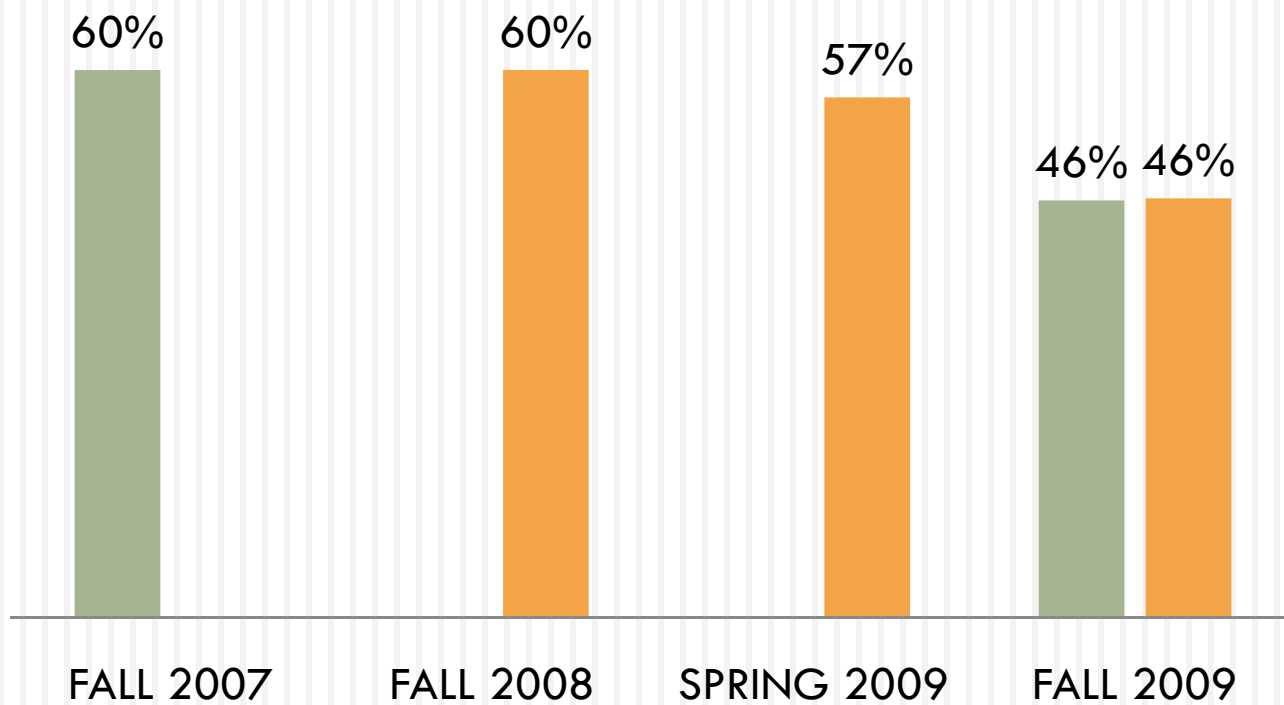
MATH 034A RETENTION



Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

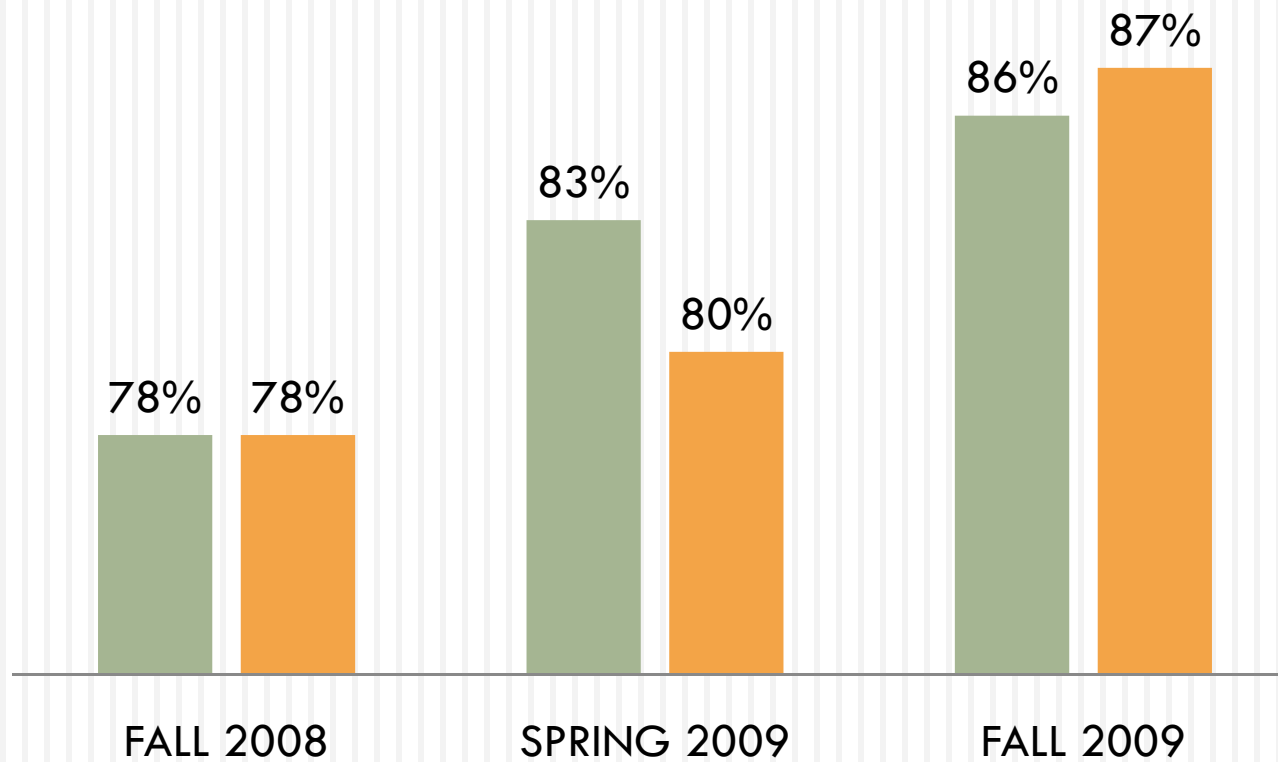
MATH 034A SUCCESS

■ Non-IA ■ IA



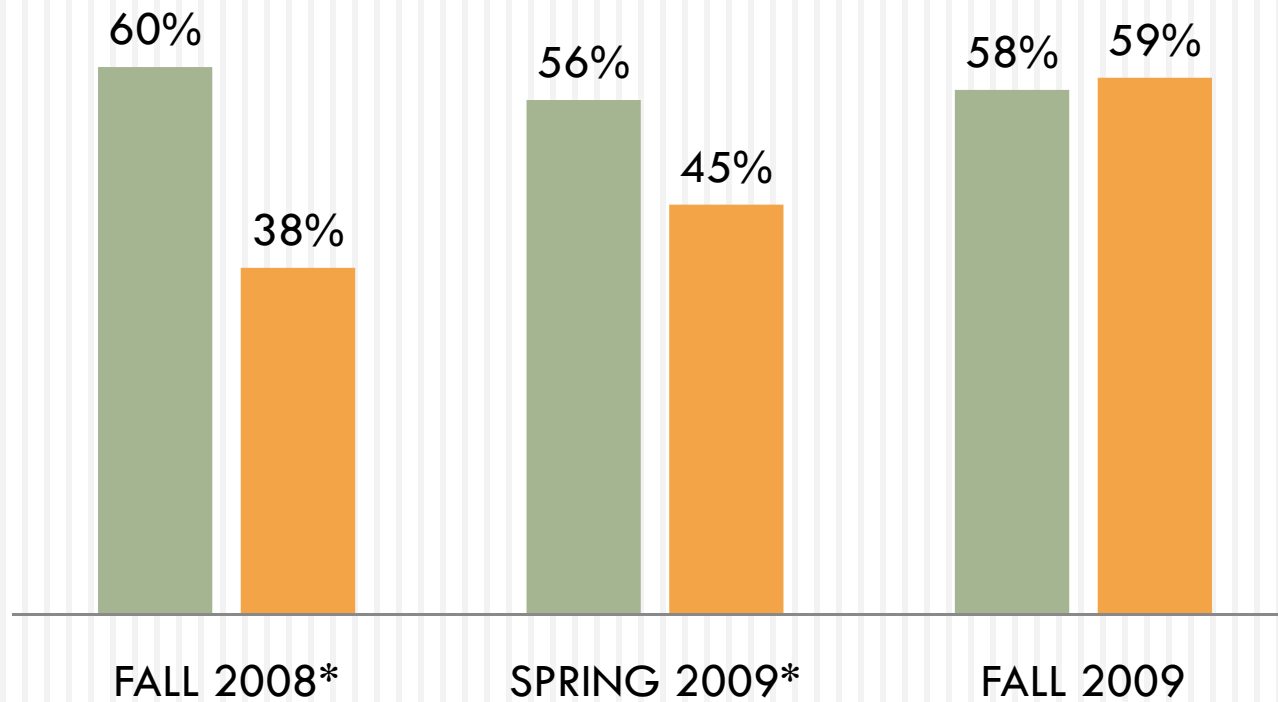
MATH 038 RETENTION

■ Non-IA ■ IA



MATH 038 SUCCESS

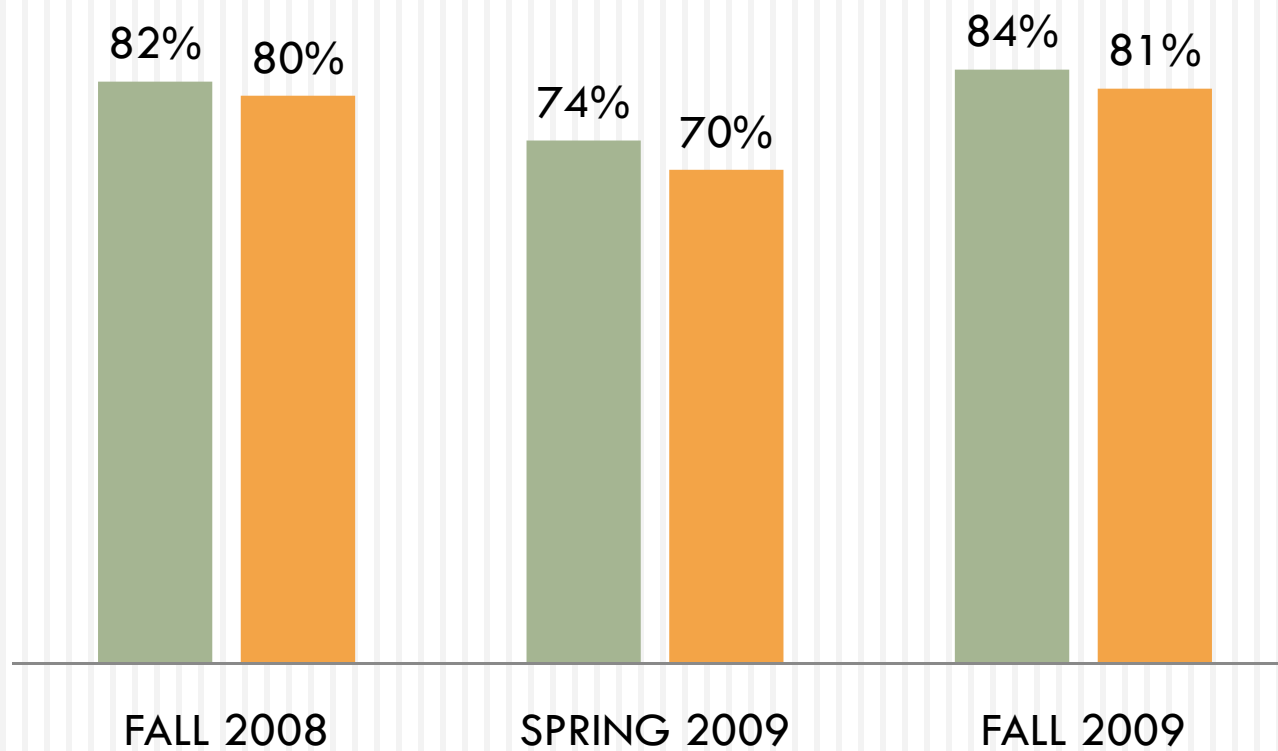
■ Non-IA ■ IA



Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

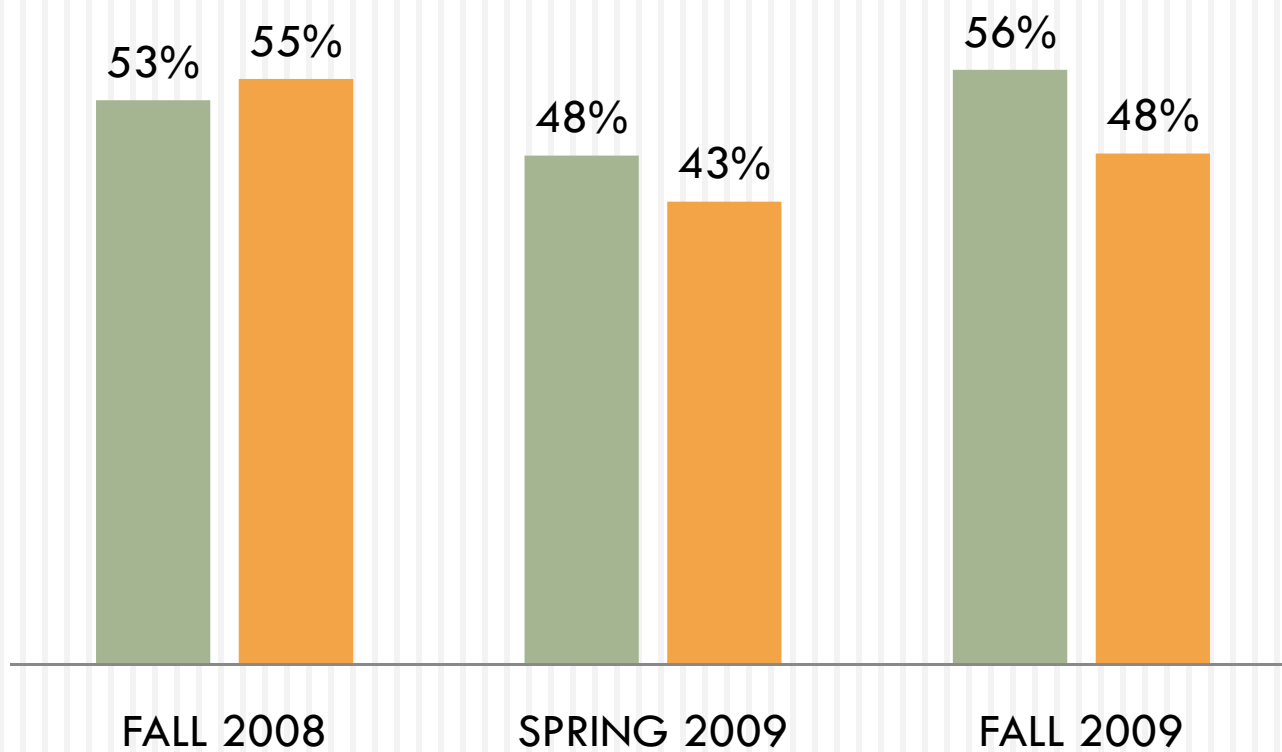
MATH 046 RETENTION

■ Non-IA ■ IA



MATH 046 SUCCESS

■ Non-IA ■ IA

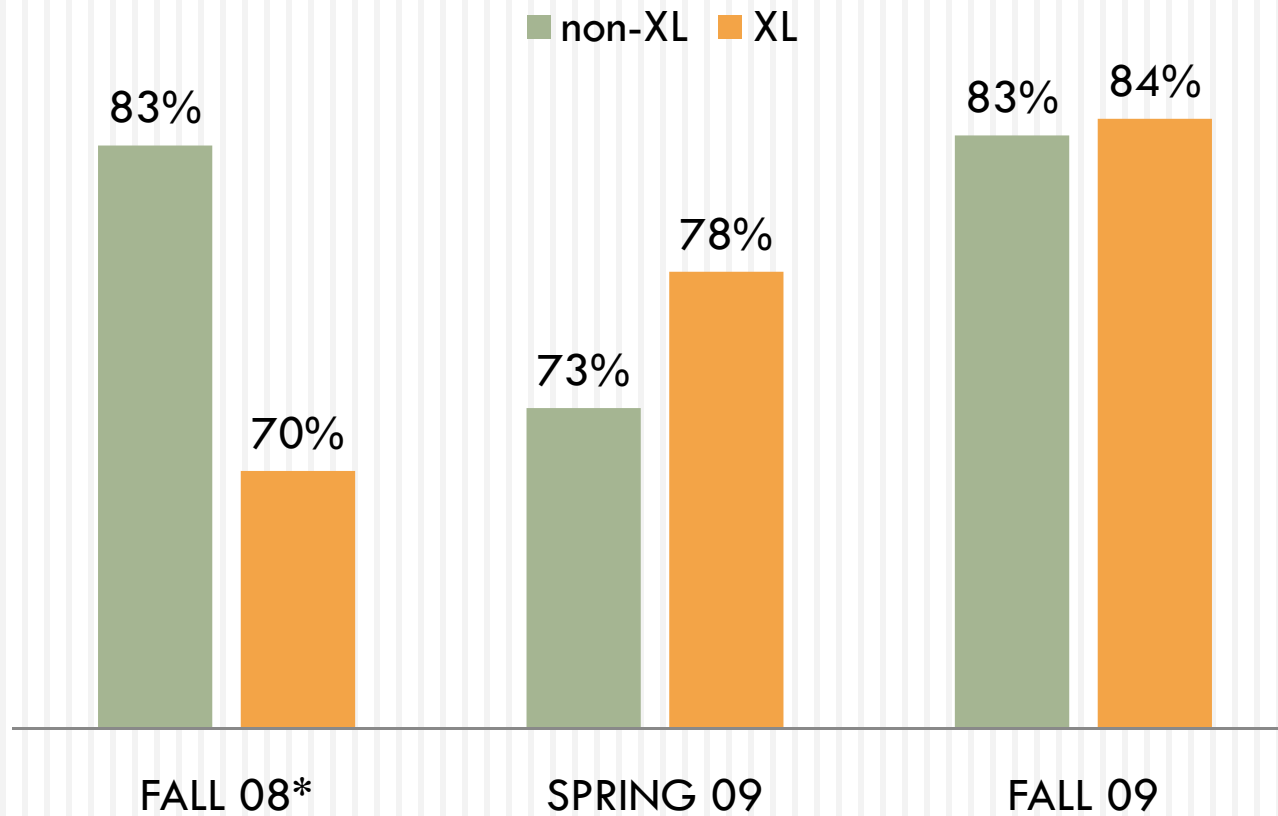




Math XL

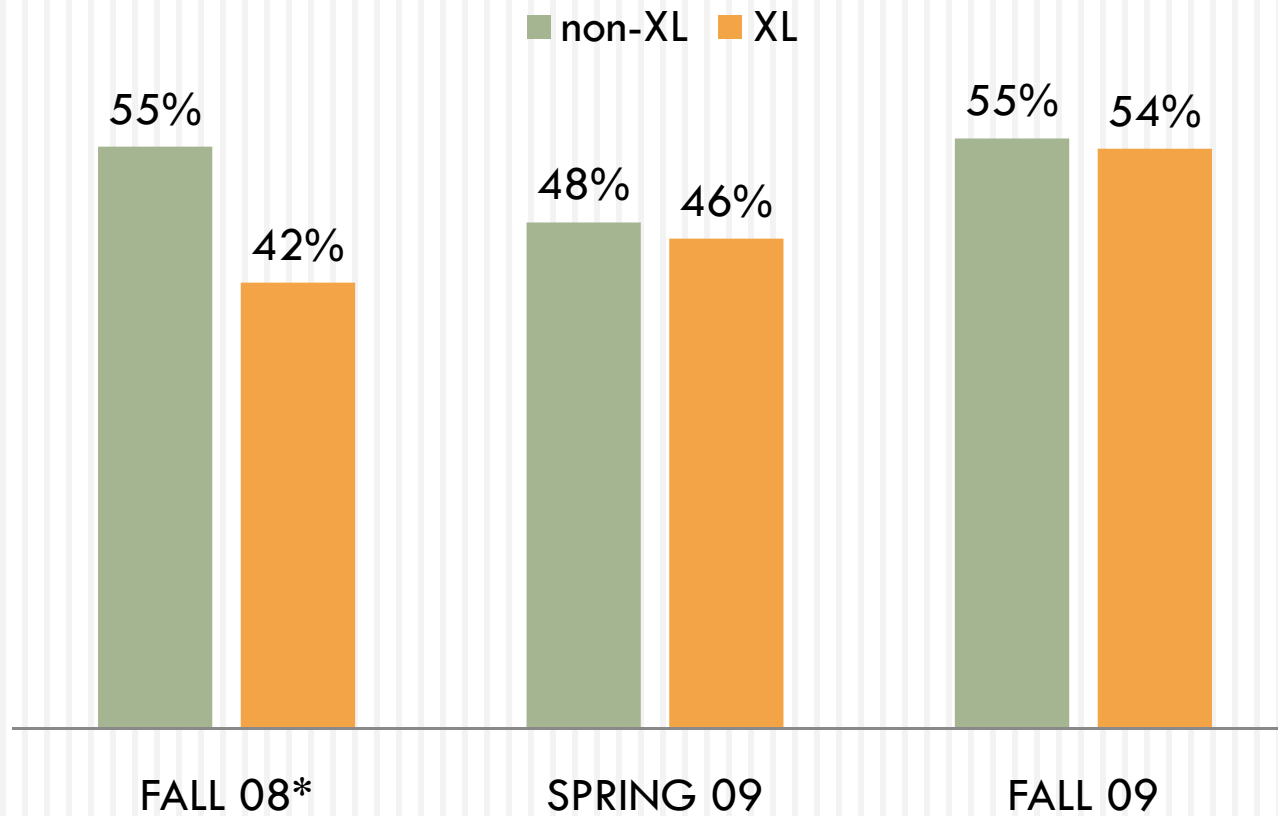
- Retention
- Success

MATH 046 RETENTION



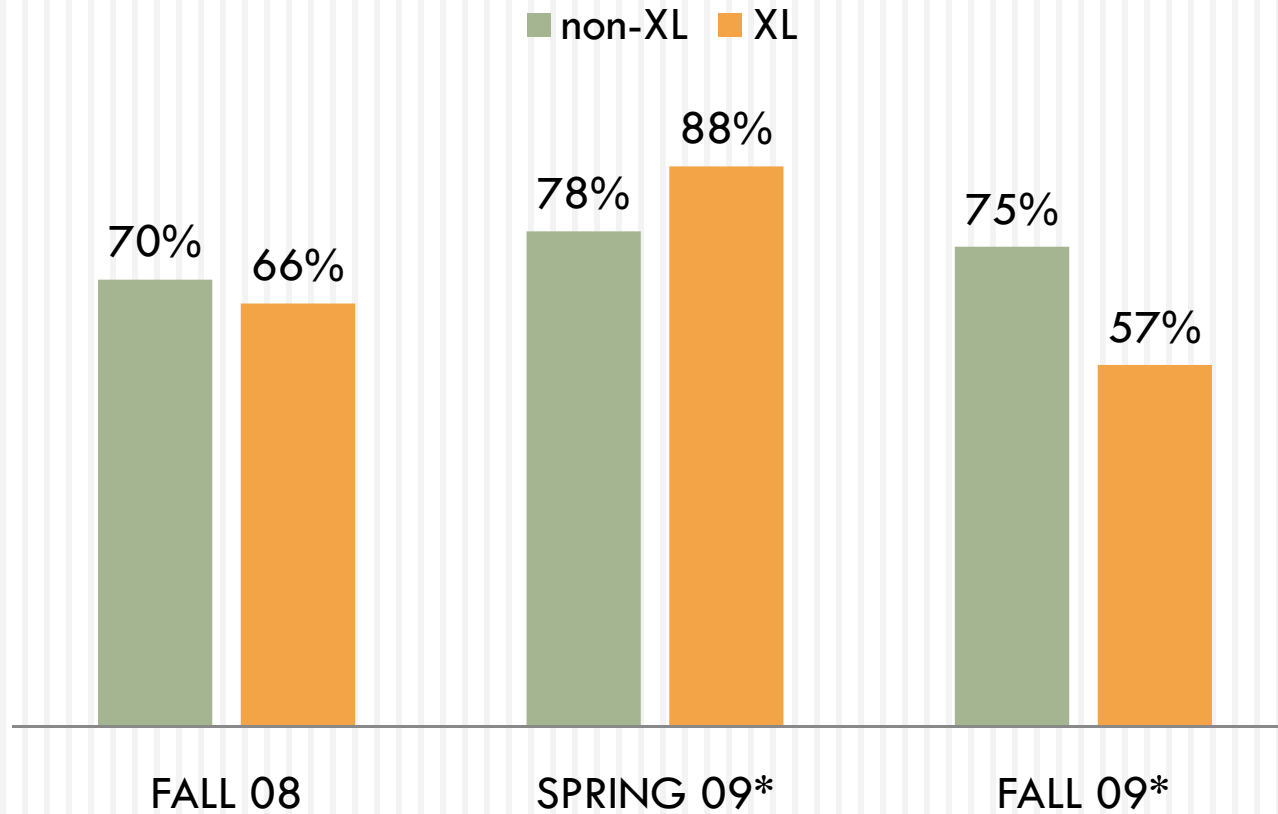
Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

MATH 046 SUCCESS



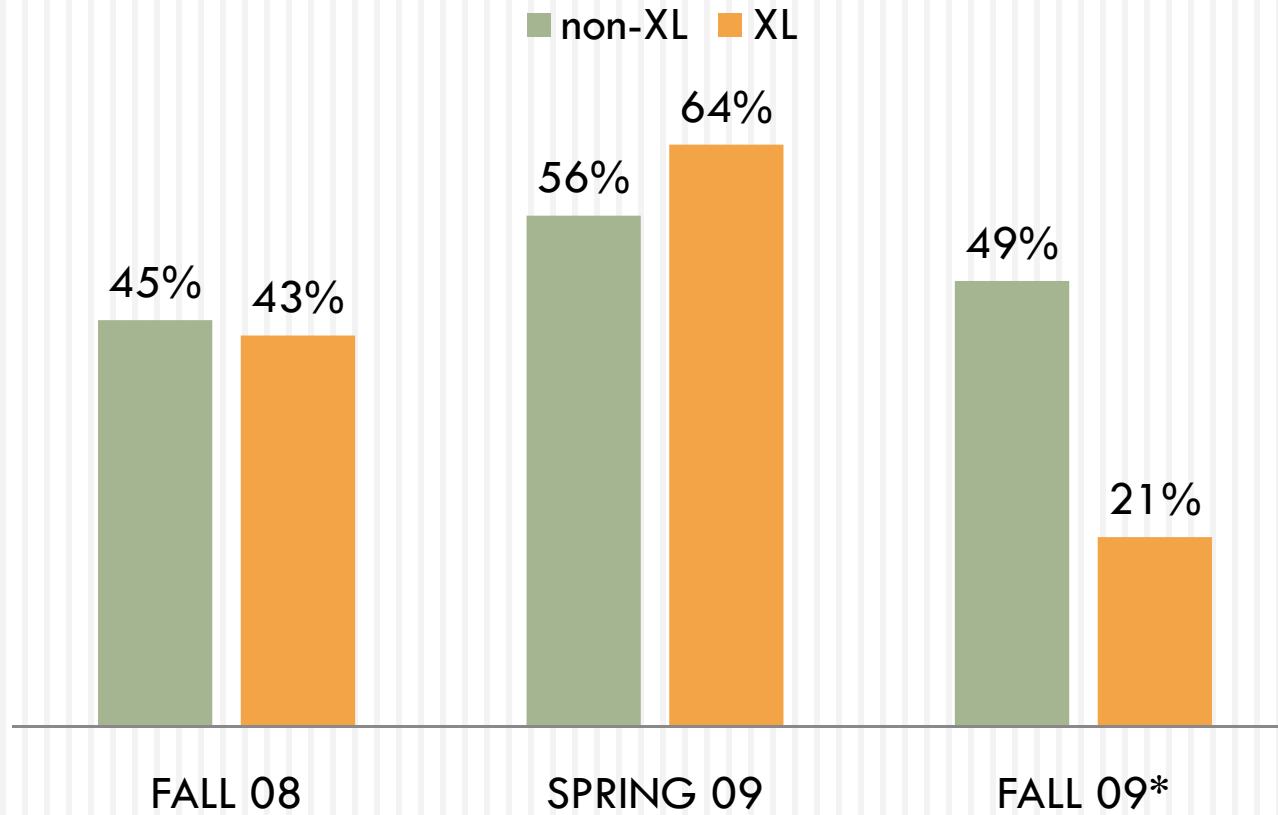
Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

MATH 096 RETENTION



Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

MATH 096 SUCCESS

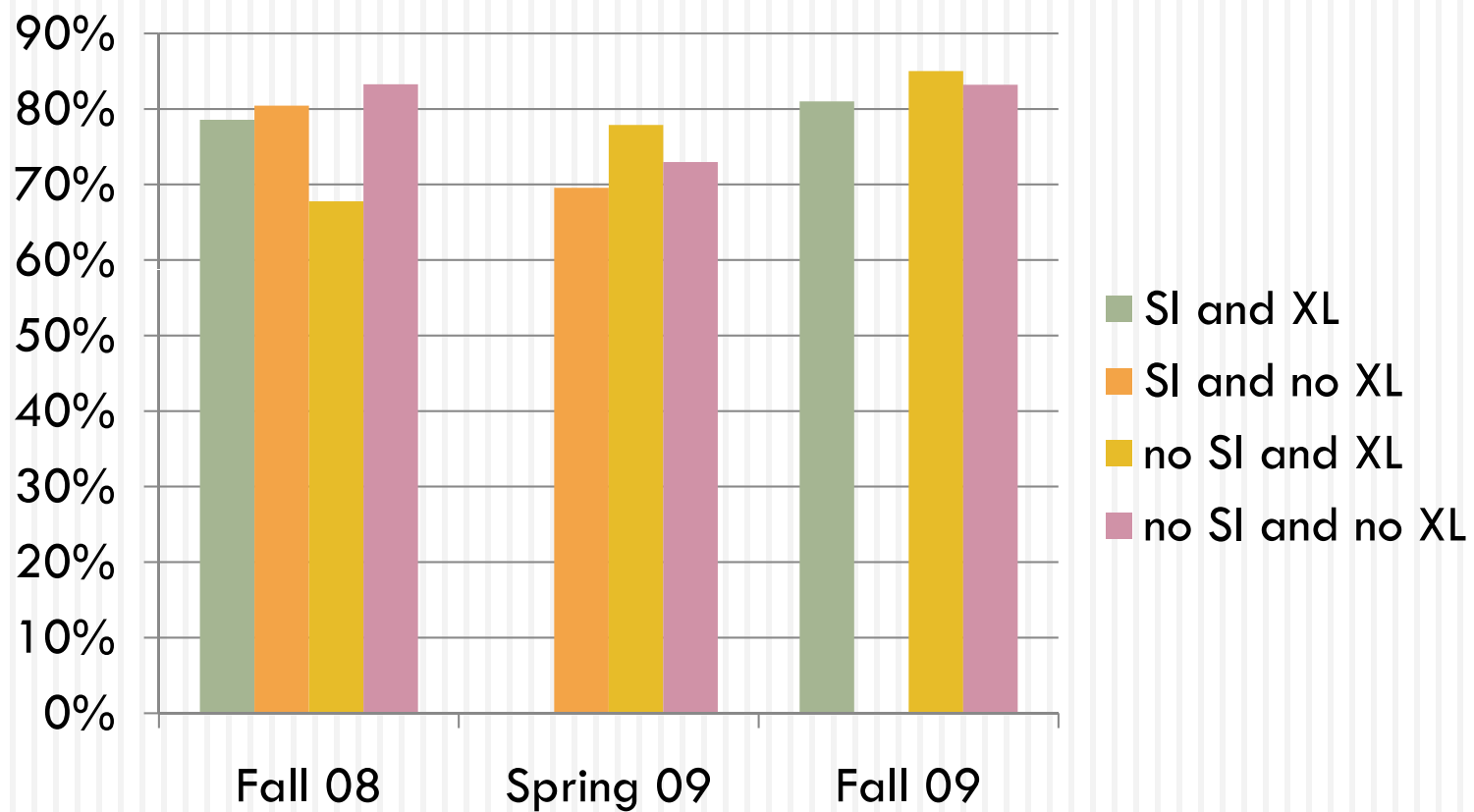


Asterisk (*) indicates $p < 0.05$ according to Pearson Chi-Square

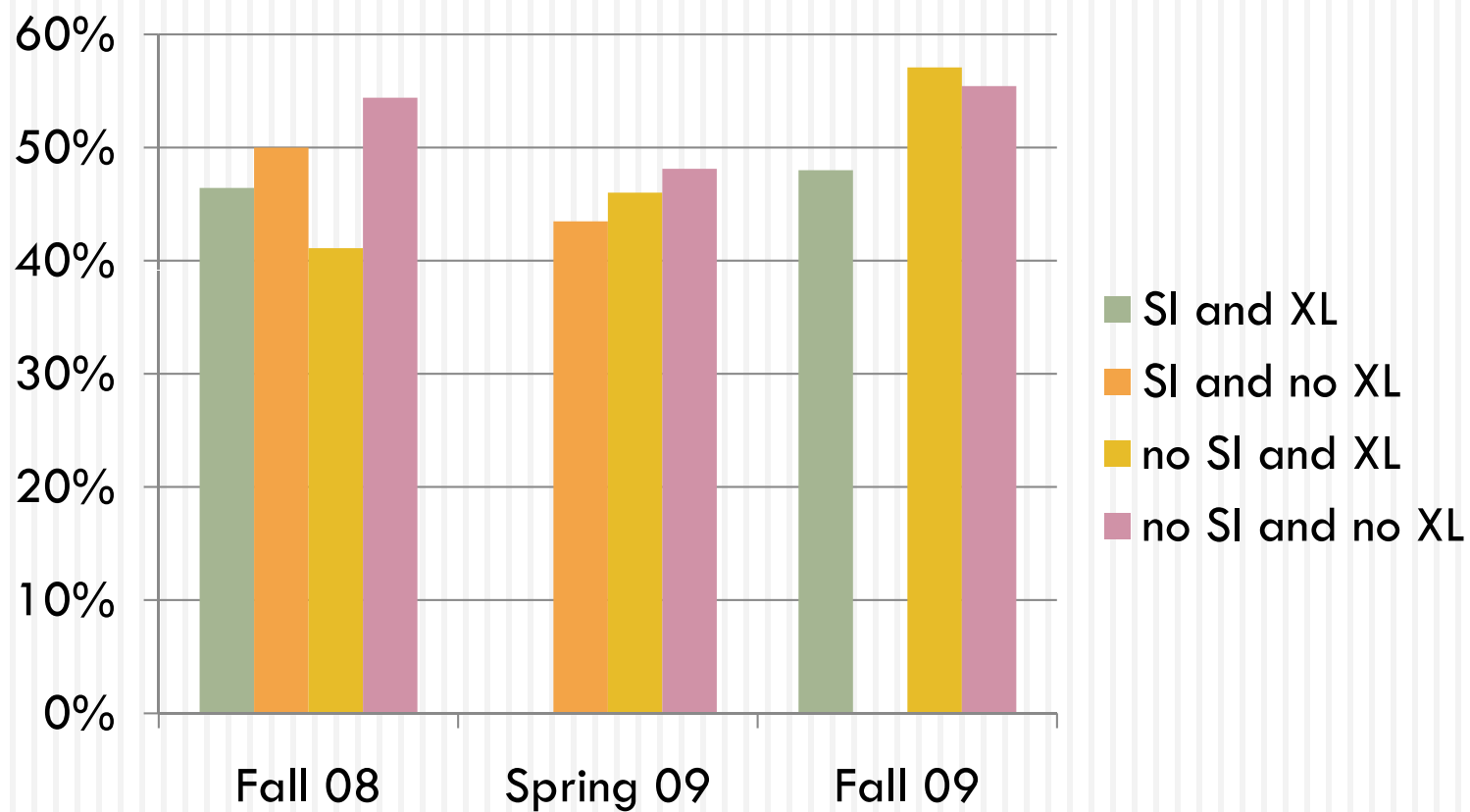
IA x XL

- Interaction of IA and XL
 - Retention
 - Success

MATH 046 RETENTION



MATH 046 SUCCESS



Mr. Smith and/or Ms. Mirth

- Maturation – could maturation, or development, in the participants come into play?
- Selection – do the treatment and control groups differ?
- Mortality – did participants withdraw?
- Instrumentation – difference in pretest and posttest?
- Regression artifact – were extreme groups used? If so, could regression to the mean come into play?
- Testing – did participants become “test-wise” b/c of pretest?
- History – could events other than the treatment have influenced the outcomes

Data Discussion Questions

In groups, discuss the following questions:

- What surprised you about the data?
- How would you contextualize these results?
- What do the data tell us about planning for the future?
- What other questions does the data suggest?

San Diego Mesa College
BSI May 2010 Retreat

	Fall 2008			Spring 2009			Fall 2009		
	SI		Total	SI		Total	SI		Total
	Count	Row N %	Count	Count	Row N %	Count	Count	Row N %	Count
ENGL 042	31	16%	191				30	18%	163
ENGL 043							25	10%	253
ENGL 048				53	14%	369	27	7%	384
ENGL 049	193	25%	769	73	9%	807	104	15%	706
	Fall 2008			Spring 2009			Fall 2009		
	SI		Total	SI		Total	SI		Total
	Count	Row N %	Count	Count	Row N %	Count	Count	Row N %	Count
MATH 034A	105	100%	105	107	100%	107	74	68%	109
MATH 038	284	57%	499	237	41%	577	289	59%	489
MATH 046	74	7%	1037	92	11%	860	100	9%	1056
	Fall 2008			Spring 2009			Fall 2009		
	mathXL		Total	mathXL		Total	mathXL		Total
	Count	%	Count	Count	%	Count	Count	%	Count
MATH 046	118	11%	1037	122	14%	860	347	33%	1056
MATH 096	93	9%	1012	143	14%	1028	53	5%	1042