CLA Sample/Population Comparisons

Academic Year 2015 – 2016

CLA Sample/Population Comparisons

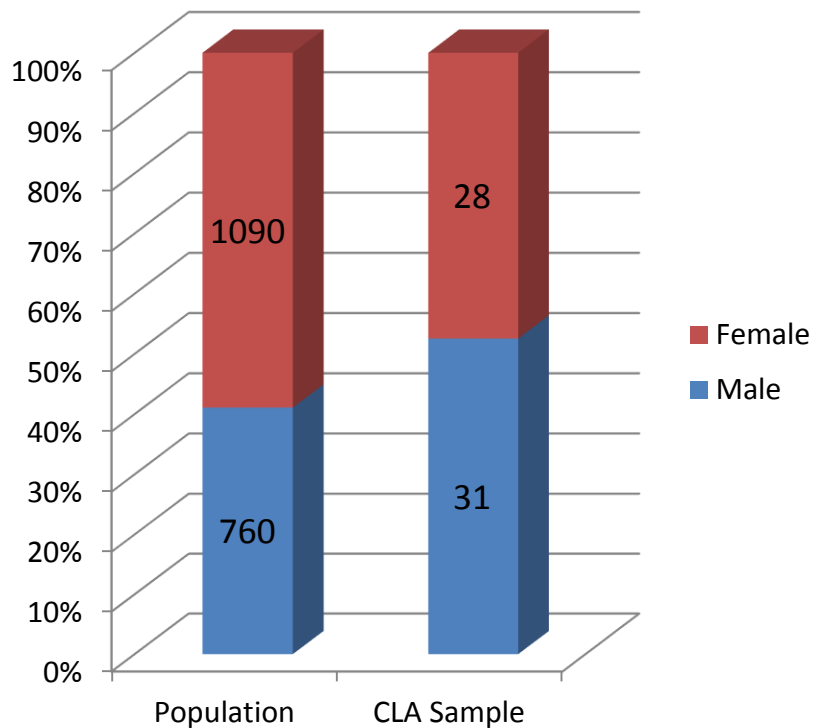**Freshmen: Fall 2015**

- Population n = 1,850
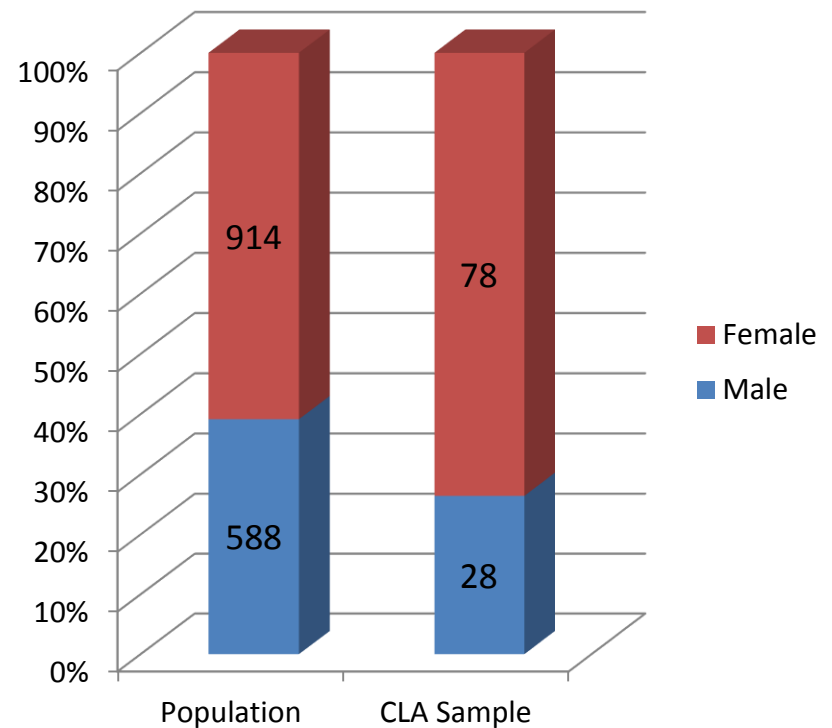- Sample n = 59

Seniors: Spring 2016

- Population n = 1,502
- Sample n = 106

CLA Sample/Population Comparisons: Gender

CLA Sample/Population Comparisons: Race

Freshmen: Race *(ns)*

	Population	CLA Sample
White	1,283	41
Asian/PI	10	0
Black	104	5
American Indian or Alaskan Native	5	0
Hispanic	71	2
Unknown	377	11
Total	1,850	59

Seniors: Race *(ns)*

	Population	CLA Sample
White	1,159	89
Asian/PI	14	0
Black	66	3
American Indian or Alaskan Native	2	0
Hispanic	26	2
Unknown	235	12
Total	1,502	106

CLA Sample/Population Comparisons: Race
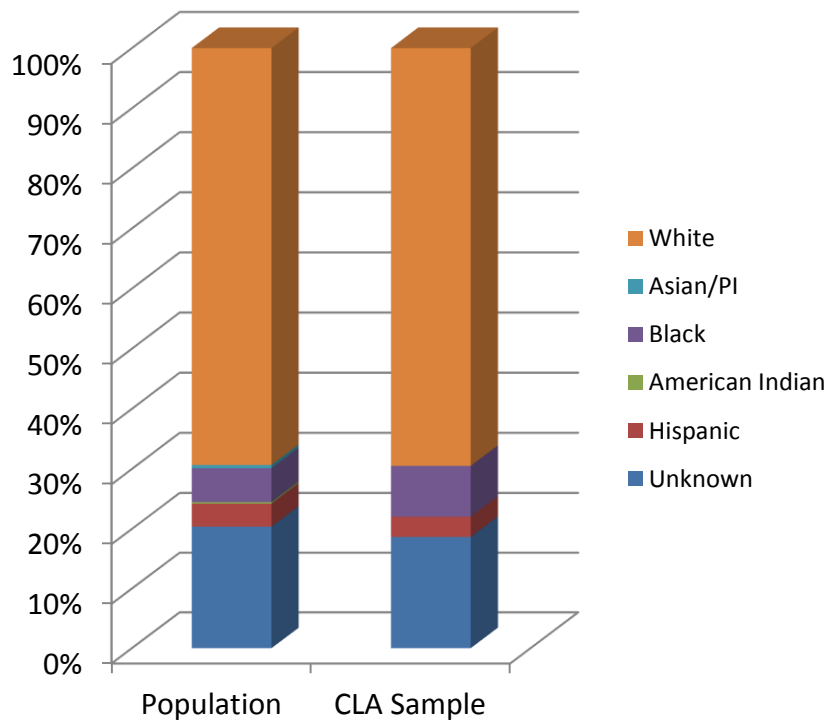
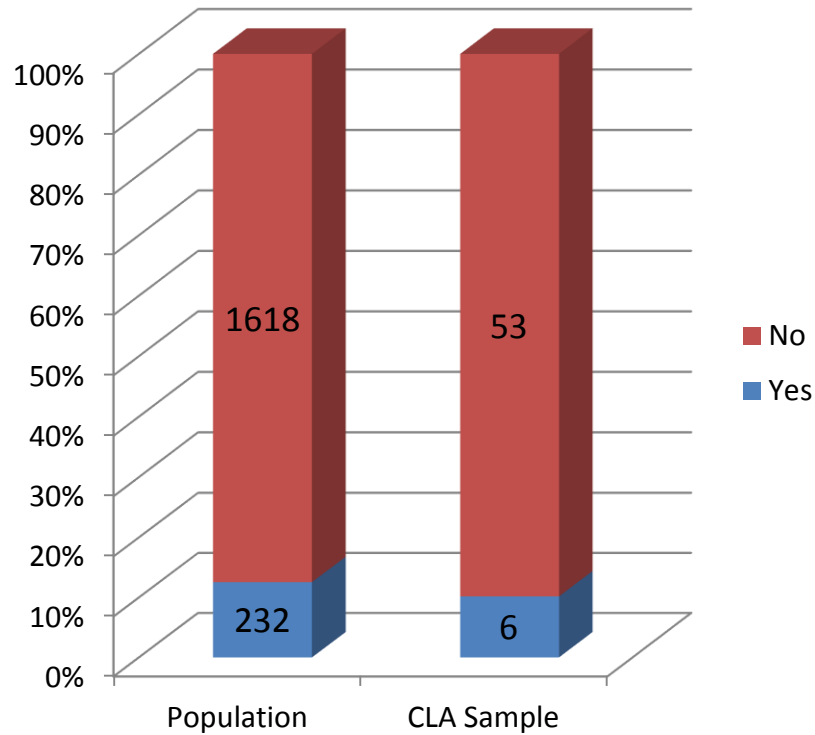**Freshmen: Race *(ns)***
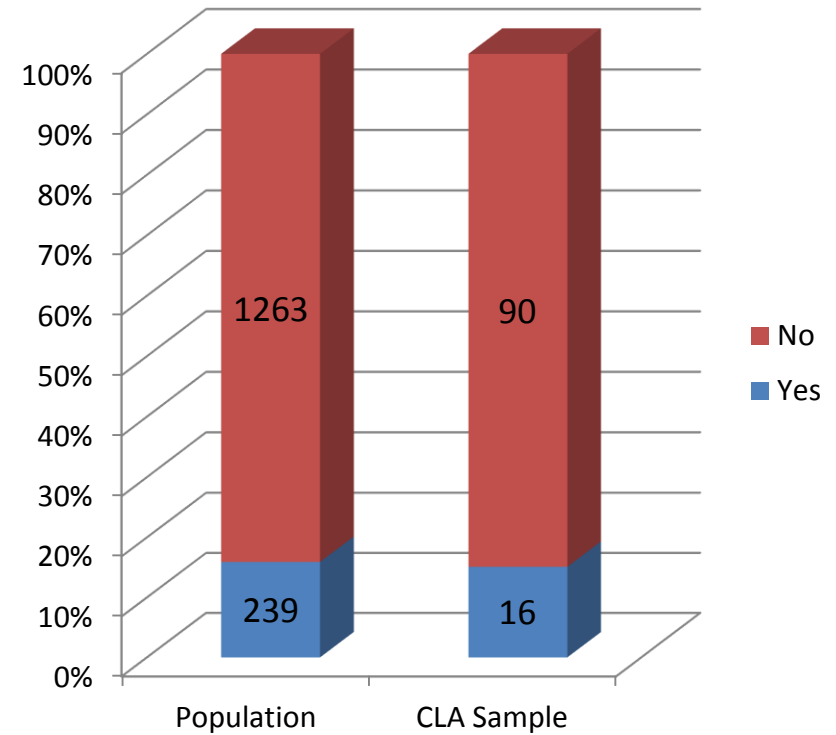

Seniors: Race *(ns)*
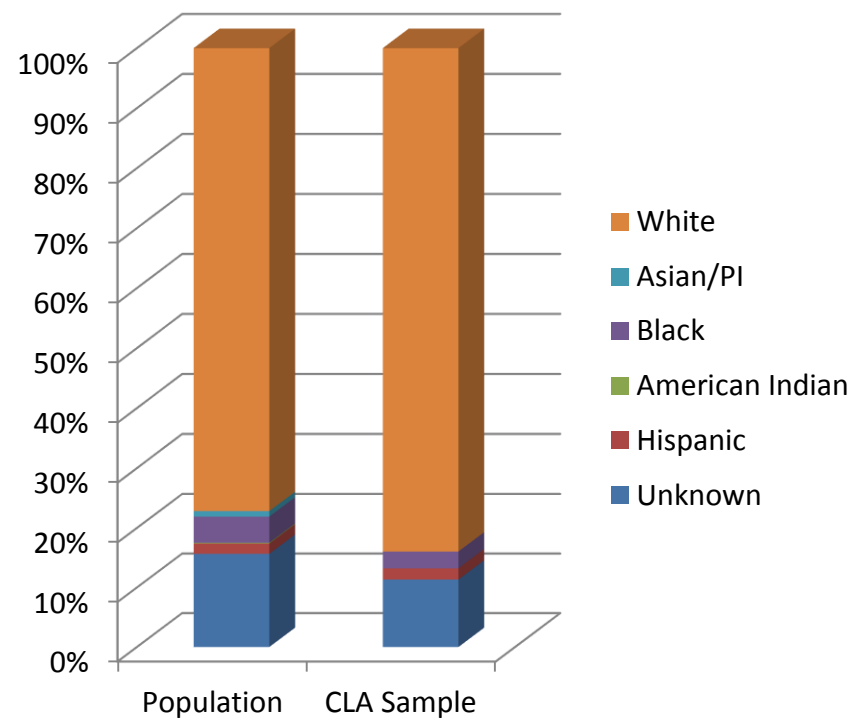
CLA Sample/Population Comparisons: Honors College Enrollment

Freshmen: *(ns)*

Seniors: *(ns)*

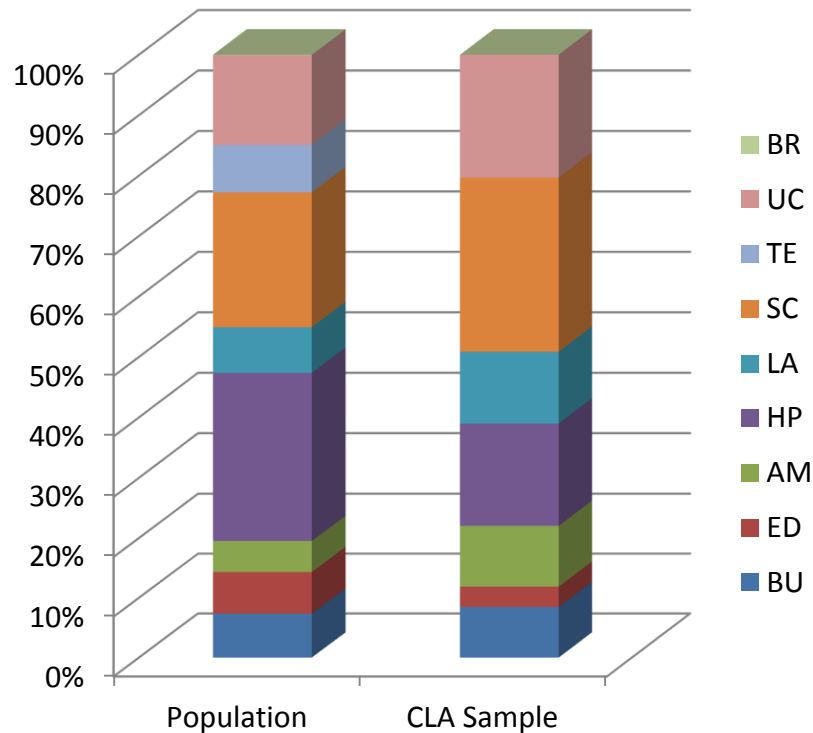# *CLA* Sample/Population Comparisons: College

Freshmen: College (*ns*)

	Population	CLA Sample
CAM	96	6
RBA	1	0
COB	136	5
COEPD	129	2
COHP	515	10
COLA	140	7
COS	413	17
CITE	145	0
UC	275	12
Total	1,850	59

Seniors: College (*significant*)

	Population	CLA Sample
CAM	114	8
RBA	27	0
COB	194	1
COEPD	215	42
COHP	438	26
COLA	211	10
COS	233	19
CITE	70	0
Total	1,502	106

CLA Sample/Population Comparisons: College

Freshmen: College (*ns*)

Legend:
- BR
- UC
- TE
- SC
- LA
- HP
- AM
- ED
- BU

Seniors: College (*significant*)

Legend:
- CITE
- COS
- COLA
- COHP
- COEPD
- COB
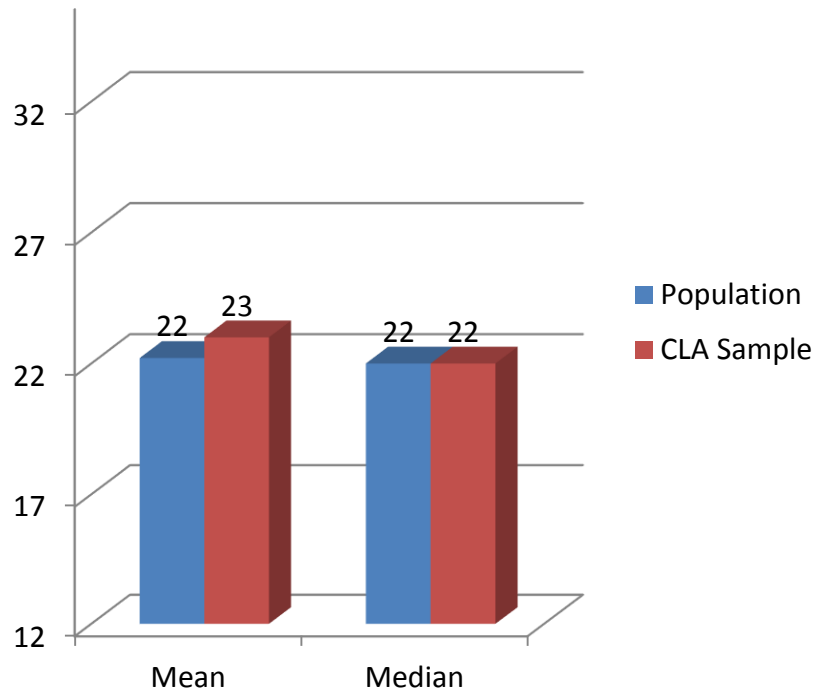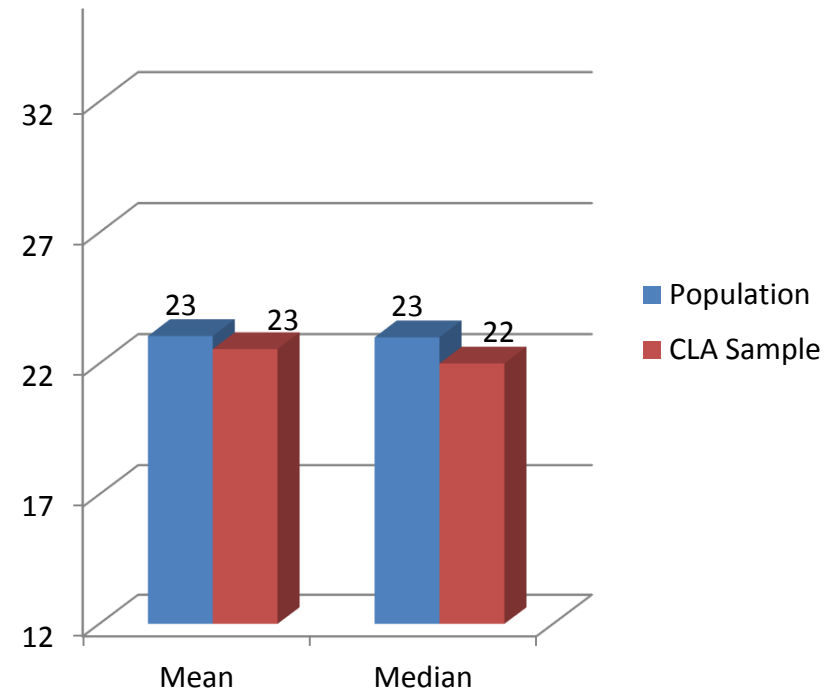- RBA
- CAM
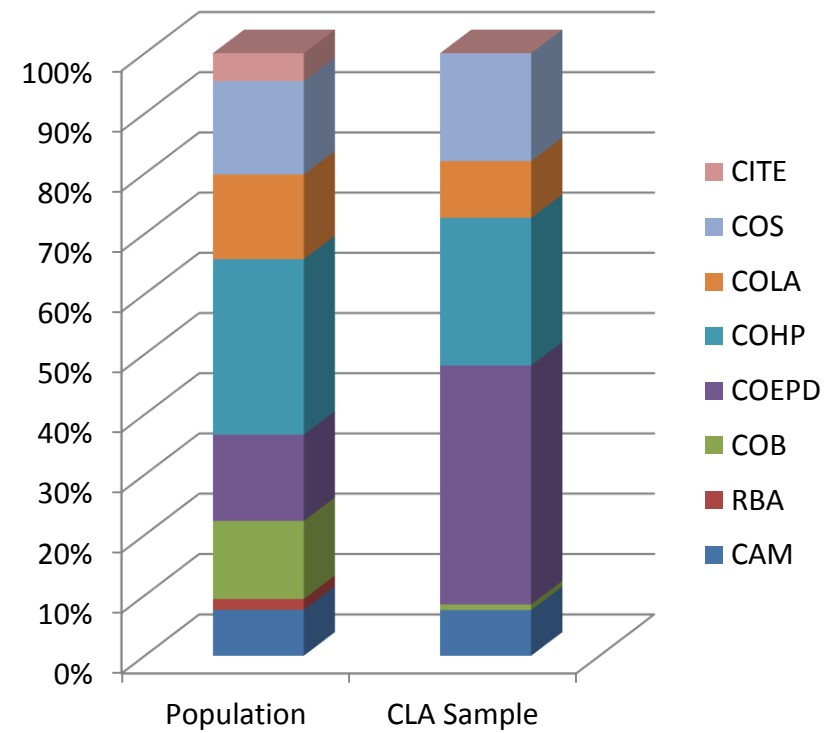
Comparison of Mean and Median (entering academic ability on *ACT* scale) between Population (freshman *n* = 1,850; senior *n* = 1,502) and *CLA* Sample (freshman *n* = 59; senior *n* = 106)
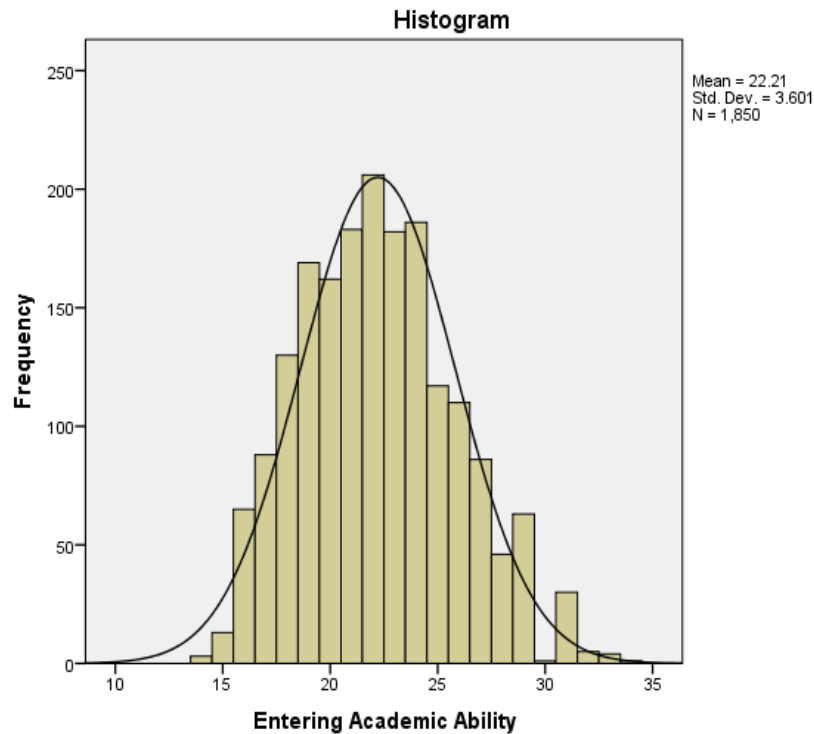
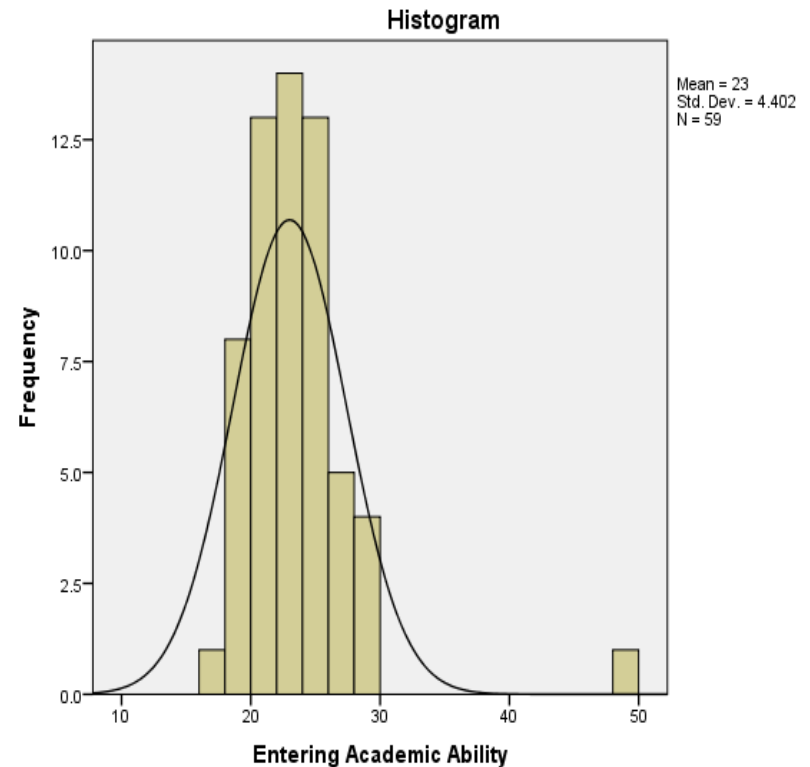**Freshmen: (*ns*)**

Seniors: (*ns*)

Fall 2015 Freshmen
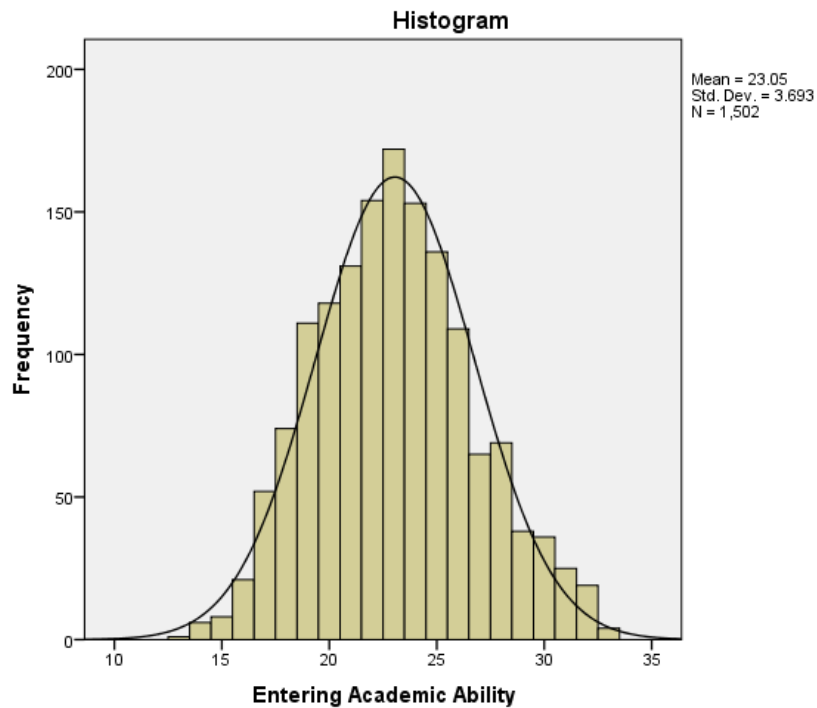## Comparison of normal curves for population and *CLA* sample

Population *n* = 1,850
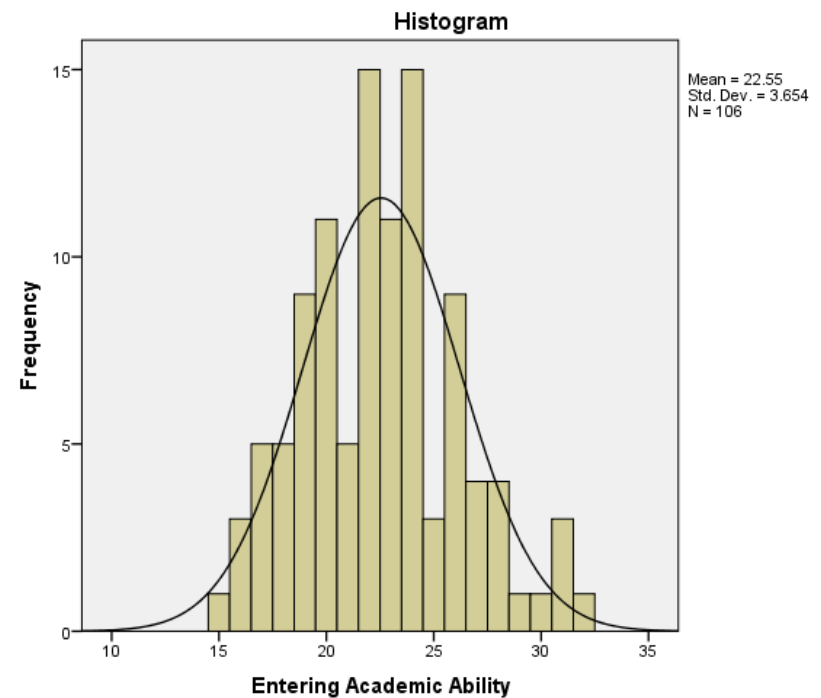
CLA Sample *n* = 59

Spring 2016 Seniors
Comparison of normal curves for population and *CLA* sample

Population *n* = 1,502

CLA Sample *n* = 106

Histogram

Mean = 23.05
Std. Dev. = 3.693
N = 1,502

Entering Academic Ability

Histogram

Mean = 22.55
Std. Dev. = 3.654
N = 106

Entering Academic Ability
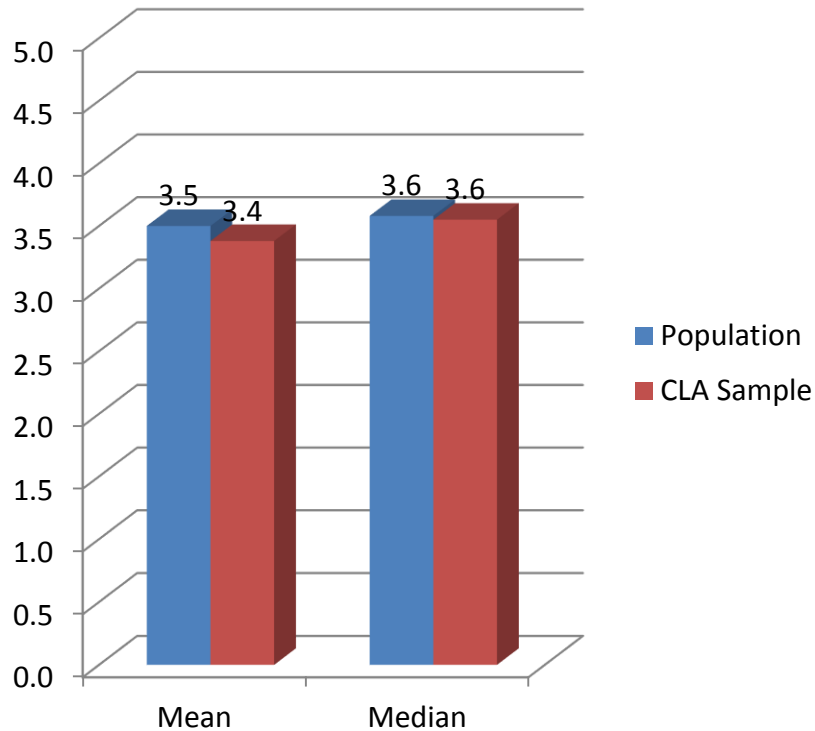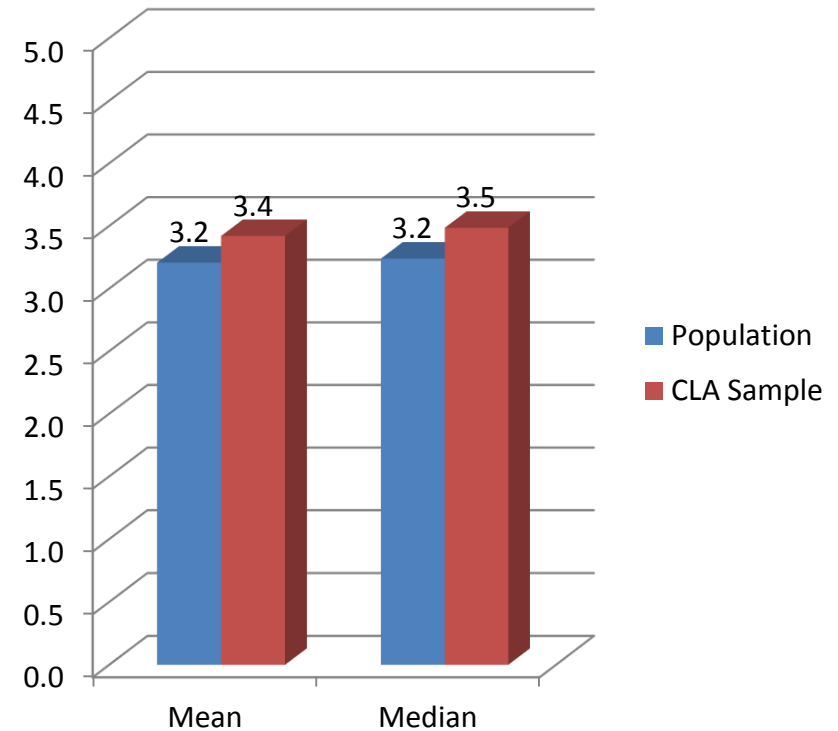
Comparison of Mean and Median (High School GPA [freshmen] and college GPA [seniors]) between Population (freshman *n* = 1,839; senior *n* = 1,502) and *CLA* Sample (freshman *n* = 58; senior *n* = 106)
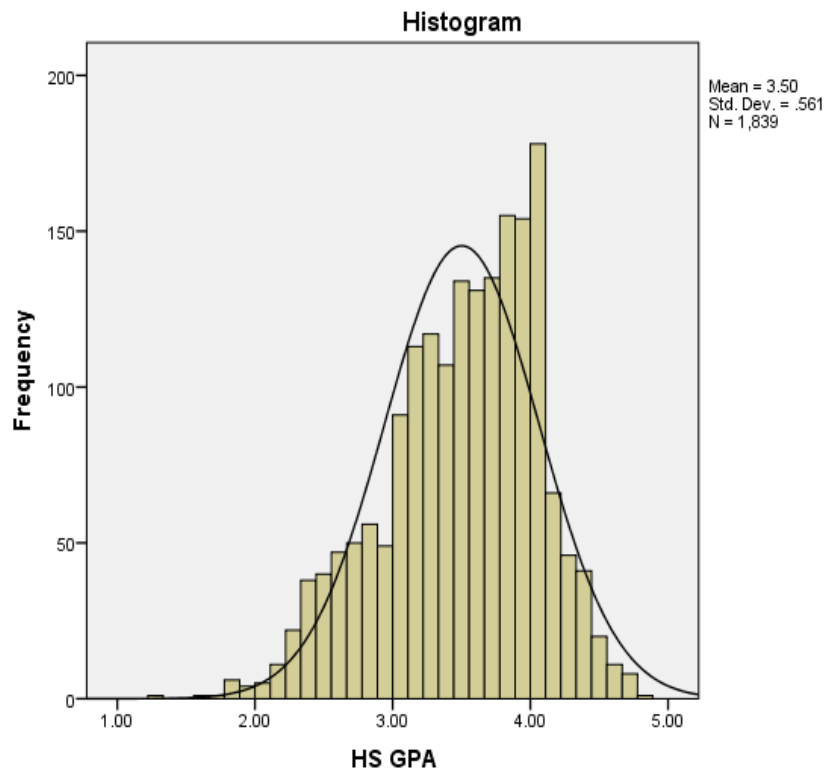
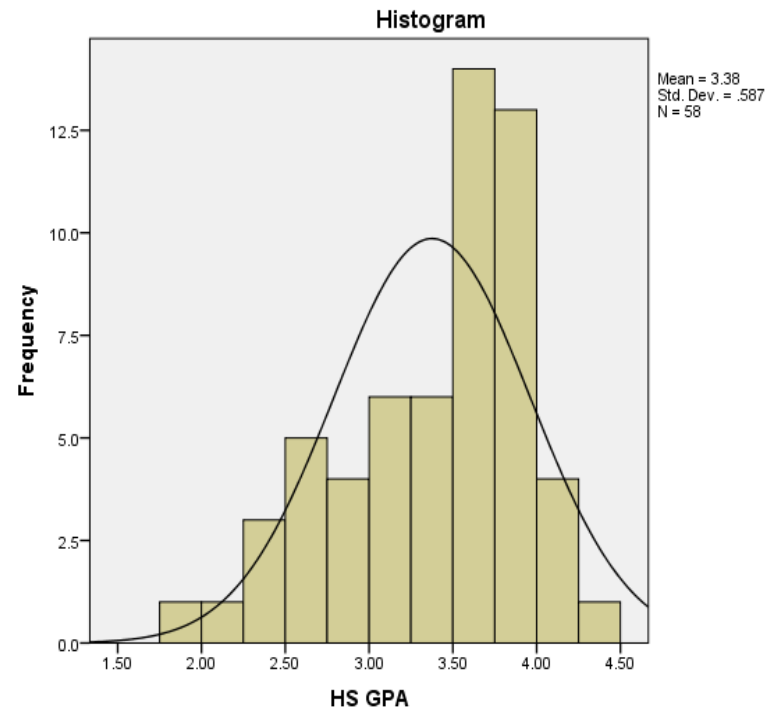**Freshmen:** *(ns)*

Seniors: (*significant*)

Fall 2015 Freshmen
Comparison of normal curves for population and *CLA* sample
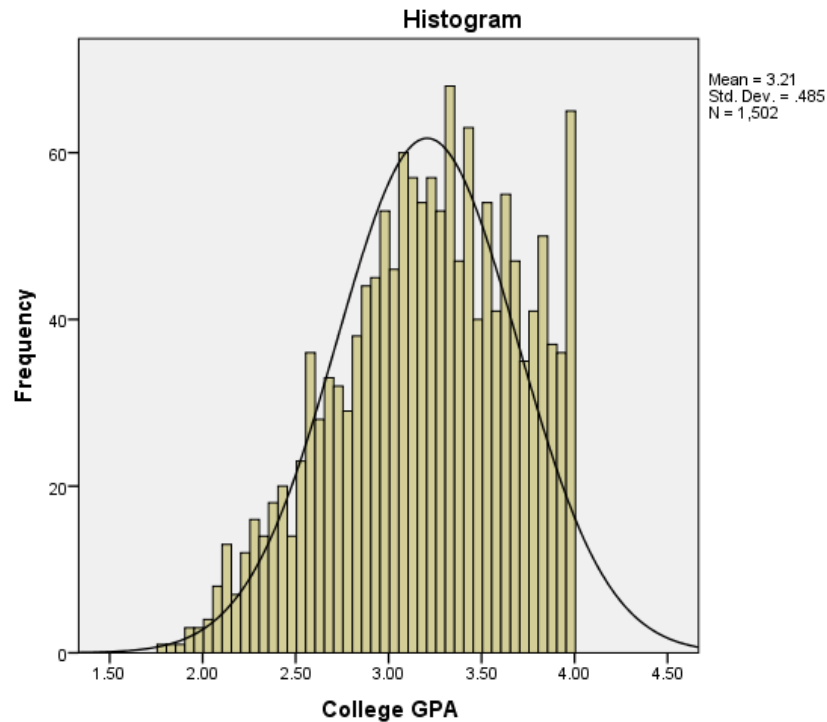
Population *n* = 1,839

CLA Sample *n* = 58

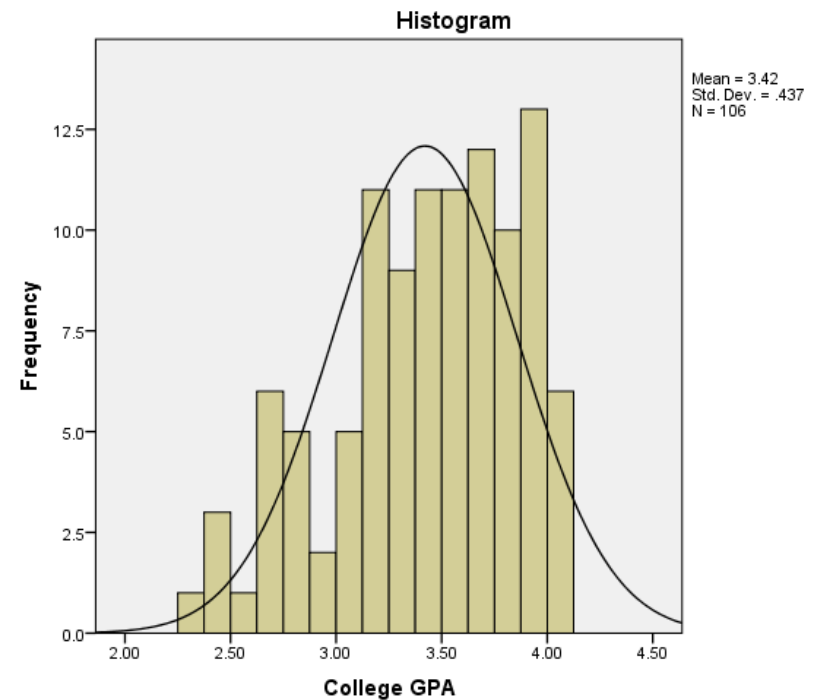# Spring 2016 Seniors
Comparison of normal curves for population and *CLA* sample

Population *n* = 1,502

CLA Sample *n* = 106

Histogram

Mean = 3.21
Std. Dev. = .485
N = 1,502

Histogram

Mean = 3.42
Std. Dev. = .437
N = 106

Senior Assessment (CLA + MU Test)
Sample/Population Comparisons

Academic Year 2015 – 2016
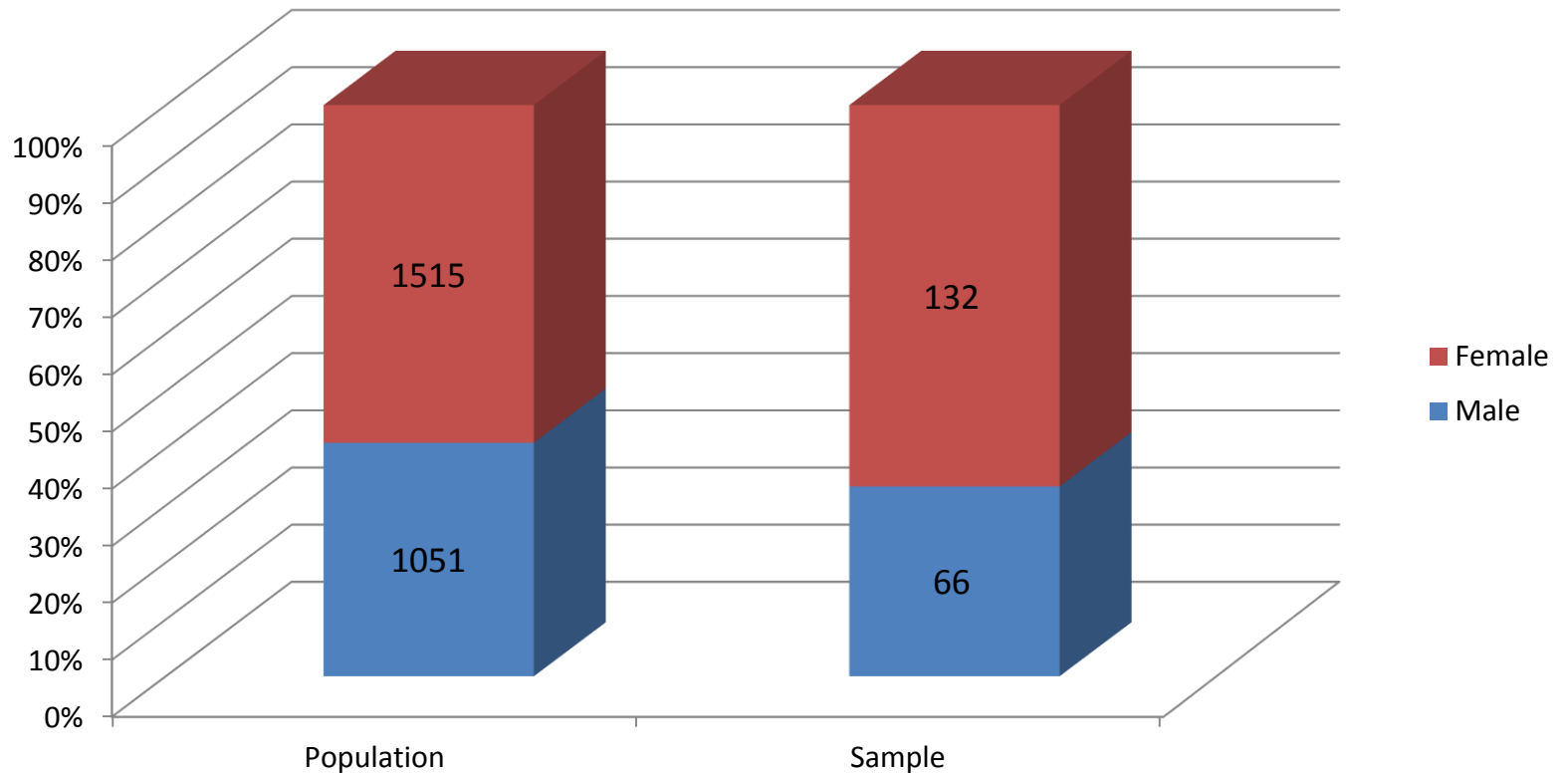
Senior Assessment Sample/Population Comparisons

Seniors: Spring 2016

- Population n = 2,566
- Sample n = 198

Senior Assessment
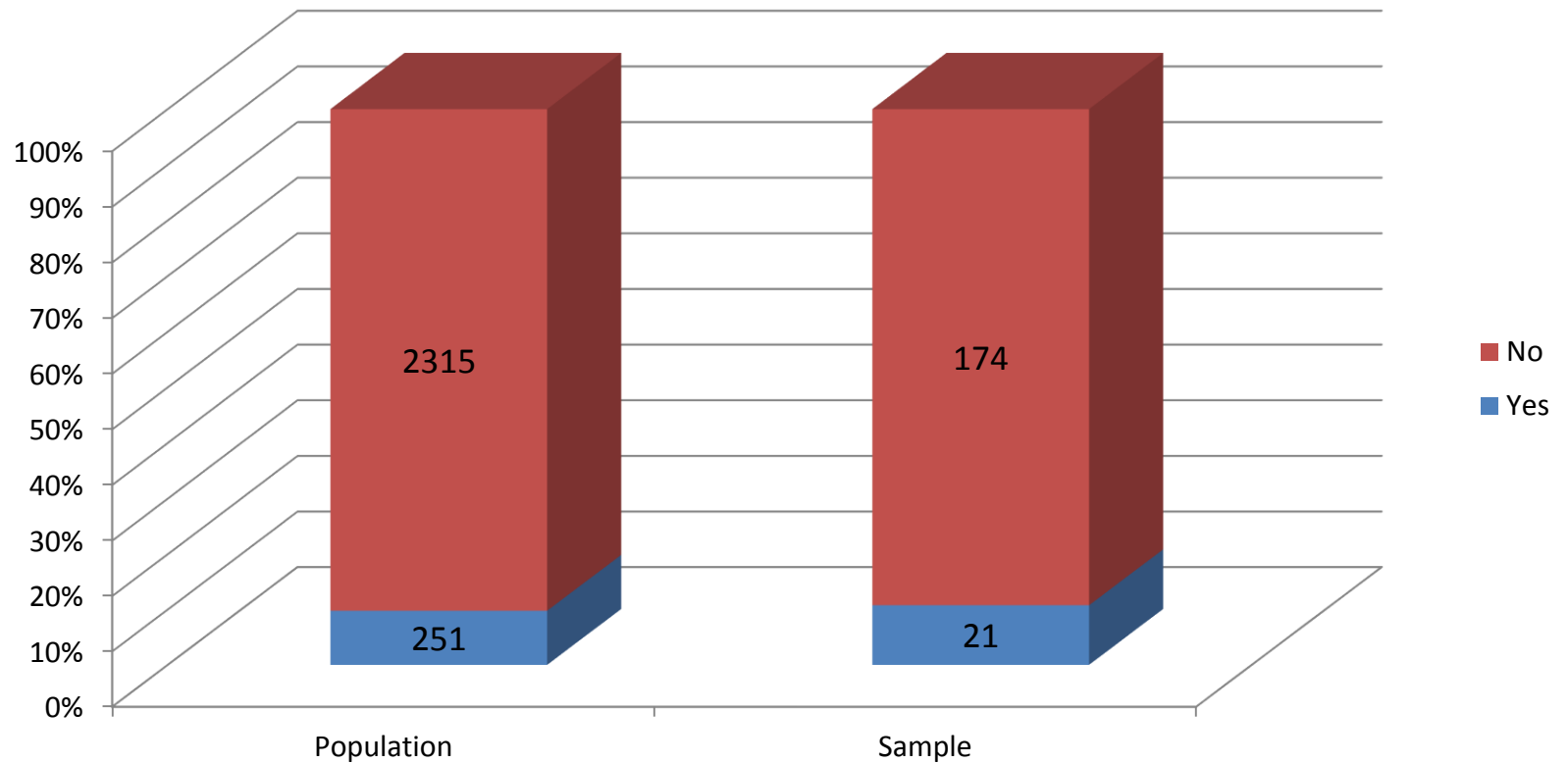# Sample/Population Comparisons: Gender

Seniors: Gender *(significant)*

Senior Assessment
Sample/Population Comparisons: Honors College Enrollment

Seniors: *(ns)*

	Population	Sample
No	2315	174
Yes	251	21

Senior Assessment
Sample/Population Comparisons: College

Seniors: College (*significant*)

	Population	Sample
AM	163	15
BR	151	0
BU	315	1
ED	301	85
HP	796	32
LA	350	15
SC	372	41
TE	118	9
Total	**2,566**	**198**

Senior Assessment
Sample/Population Comparisons: College

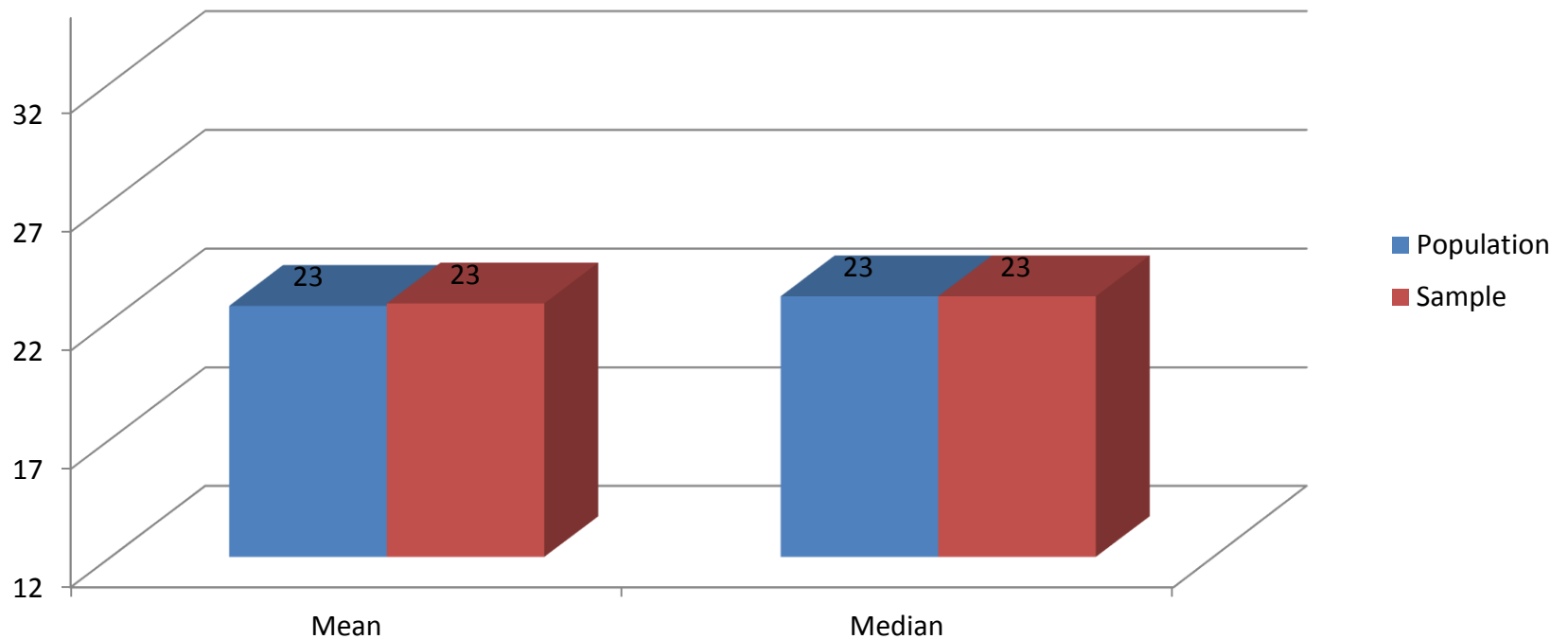**Seniors: College** *(significant)*
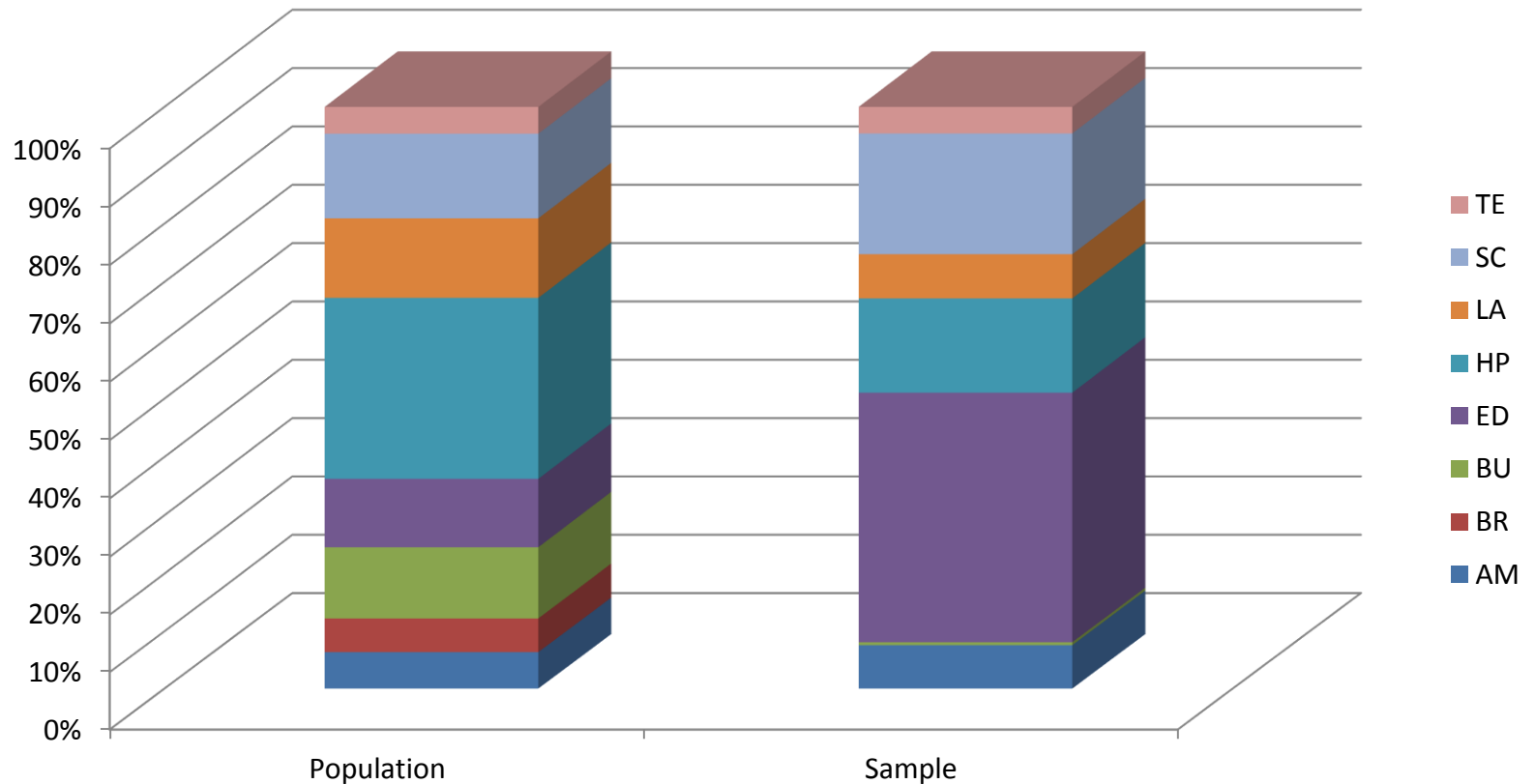
Comparison of Mean and Median (entering academic ability on *ACT* scale) between Population (*n* = 2,294) and Sample (*n* = 188)

Seniors: *(ns)*

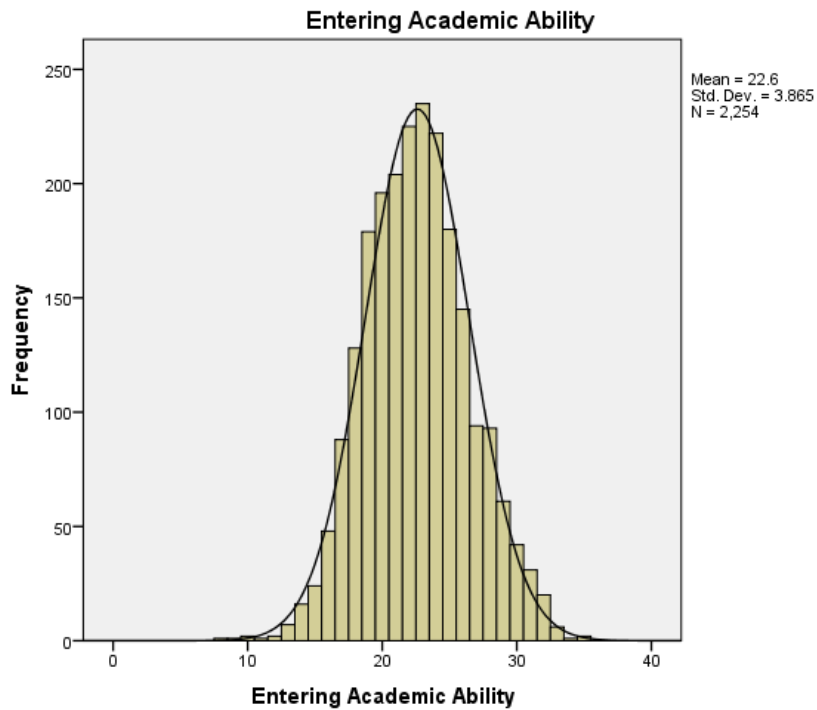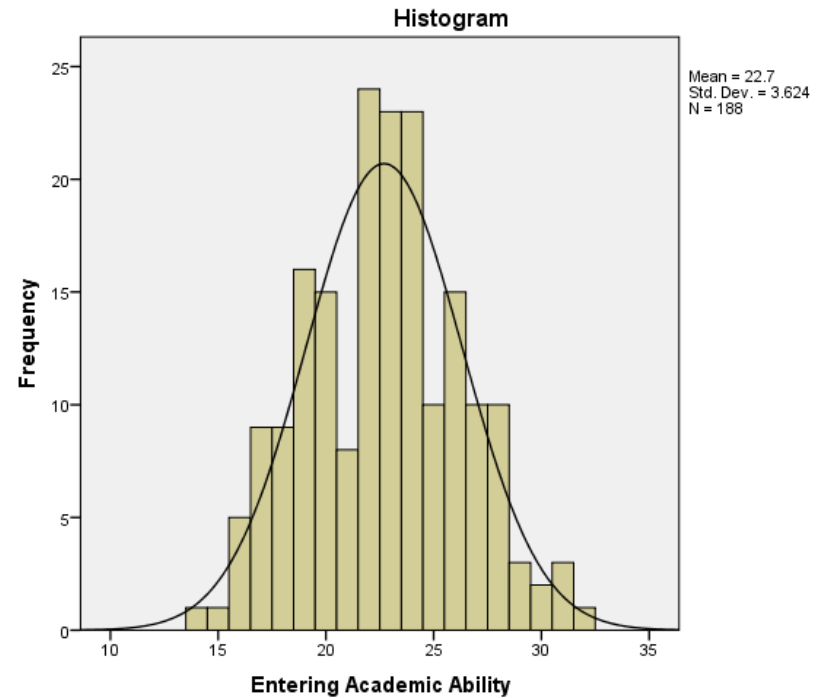# Spring 2016 Seniors
Comparison of normal curves for population and sample

Population *n* = 2,294

Sample *n* = 188

Entering Academic Ability

Mean = 22.6
Std. Dev. = 3.865
N = 2,254
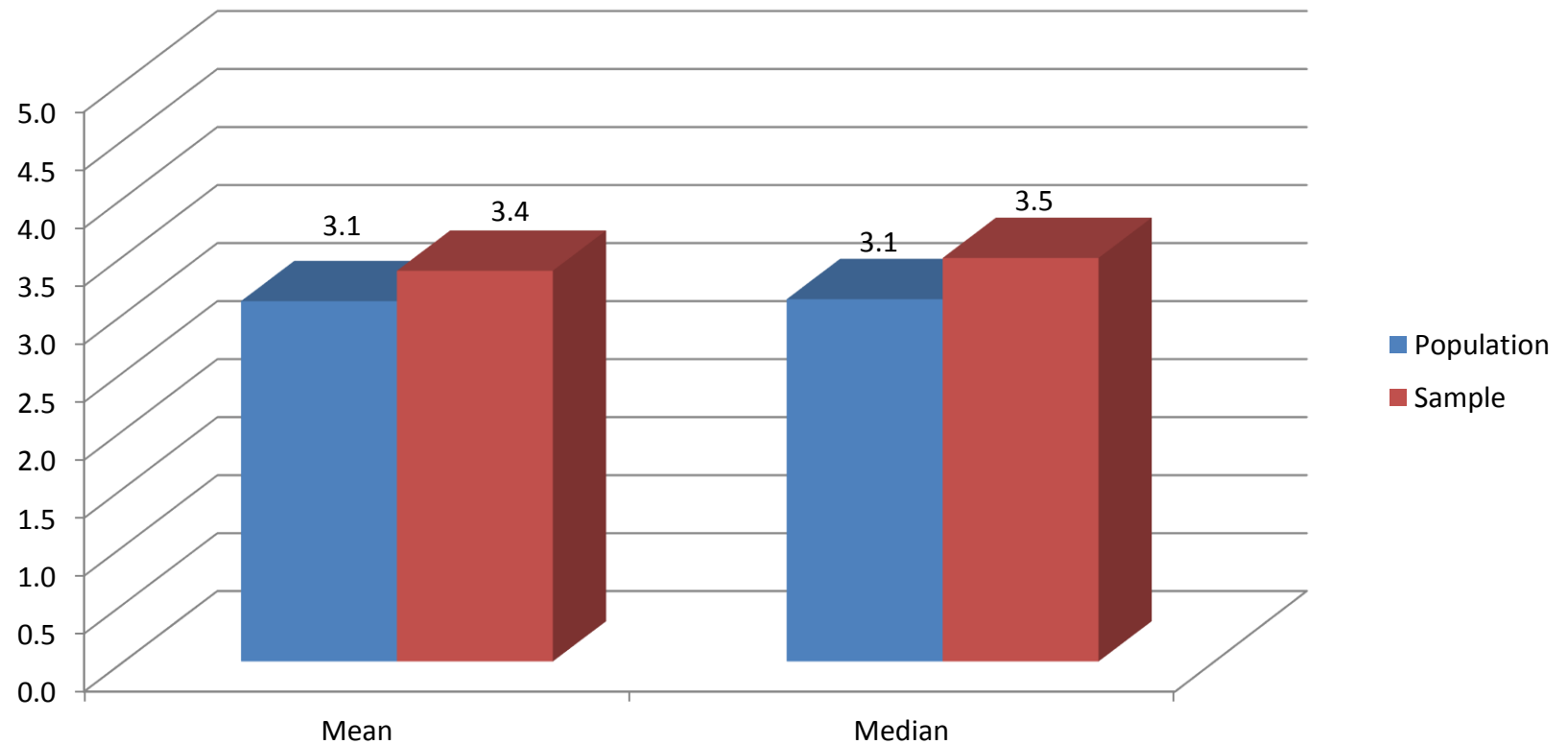

Histogram

Mean = 22.7
Std. Dev. = 3.624
N = 188

Comparison of Mean and Median College GPA between Population (*n* = 2,566) and Sample (*n* = 198)
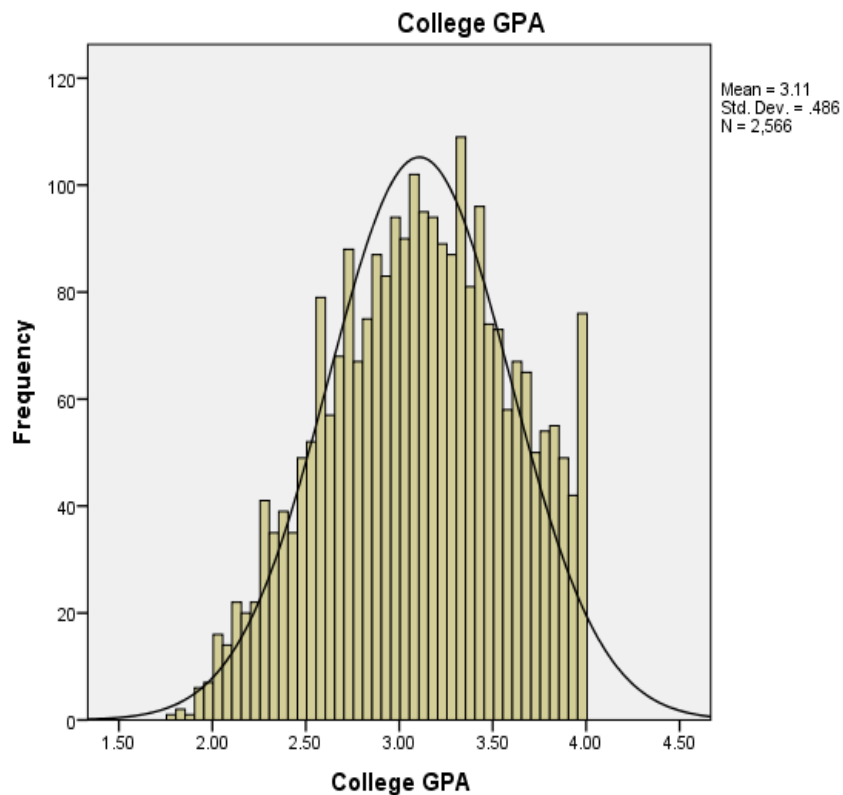
Seniors: (*significant*)

Spring 2016 Seniors
Comparison of normal curves for population and sample

Population _n_ = 2,566

CLA Sample _n_ = 198

College GPA

Mean = 3.11
Std. Dev. = .486
N = 2,566

Histogram

Mean = 3.37
Std. Dev. = .45
N = 198
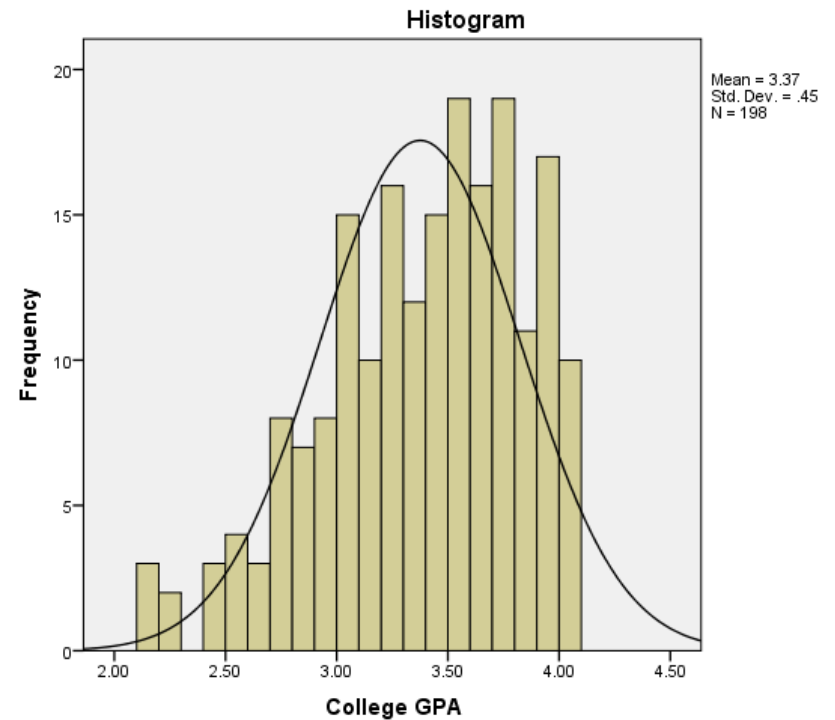
Senior Assessment
CLA/Marshall Sample Comparisons

Academic Year 2015 – 2016

CLA/Marshall Sample Comparisons

Seniors: Spring 2016

- CLA Sample *n* = 106
- Marshall Sample *n* = 92

- Please note that all of the students who completed the CLA were admitted to Marshall University as first-time freshmen. Of the students who completed the Marshall Assessment, 44 were admitted as first-time freshmen, 44 as transfer students, and 4 as readmitted, returning students.
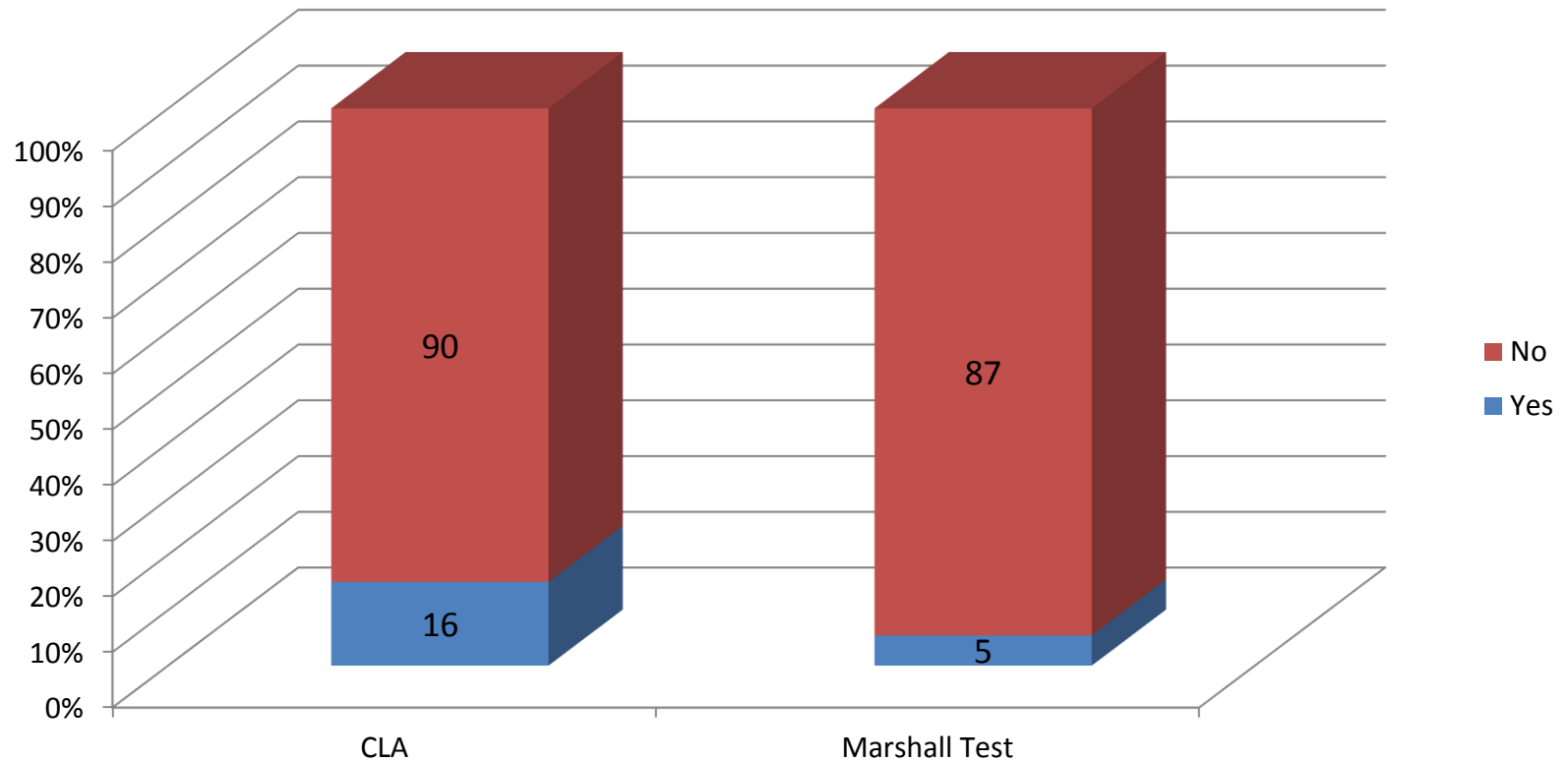
CLA/Marshall Test Sample Comparisons: Gender

Seniors: Gender *(significant)*
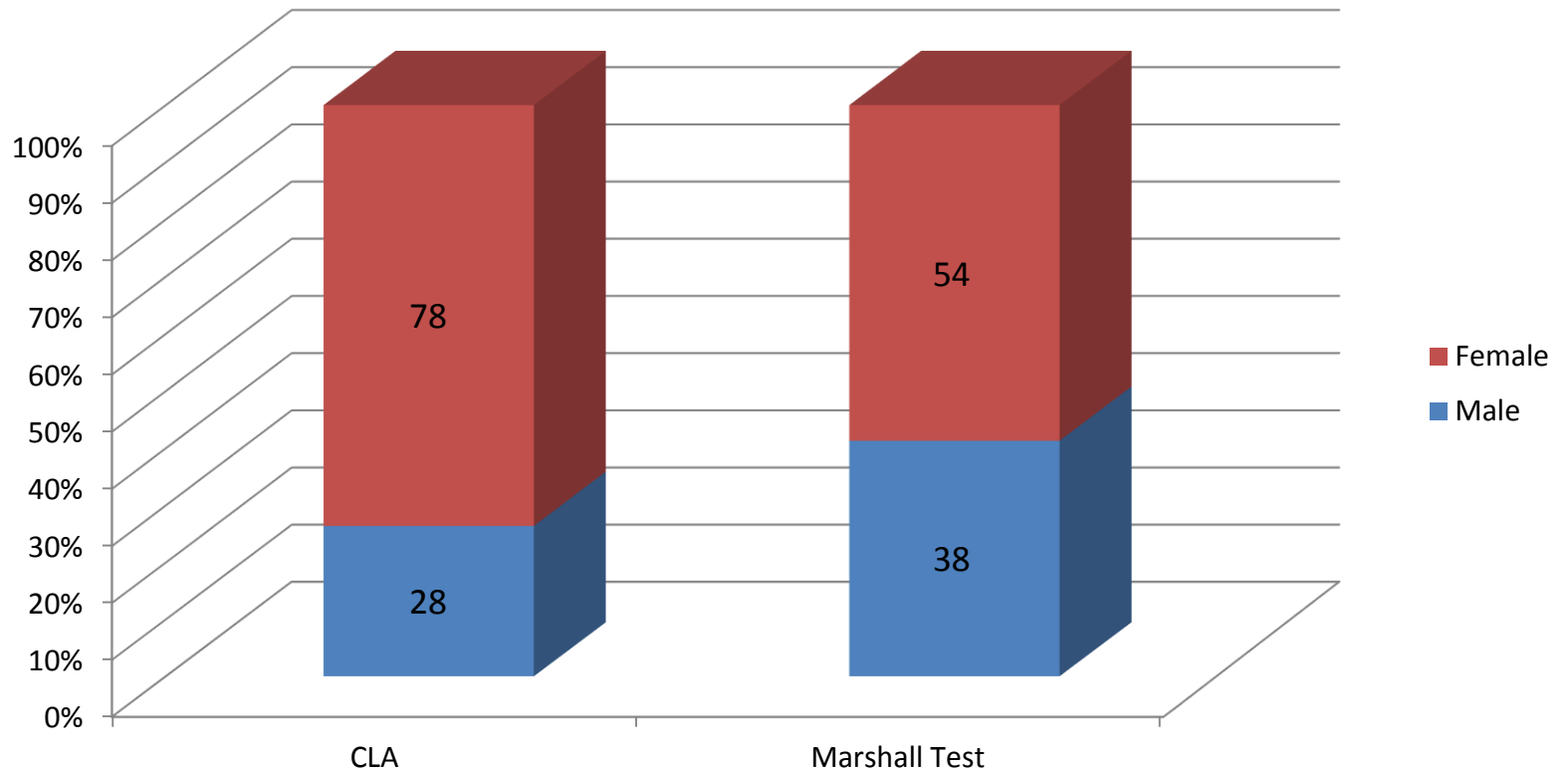
CLA/Marshall Test Sample Comparisons: Honors College Enrollment
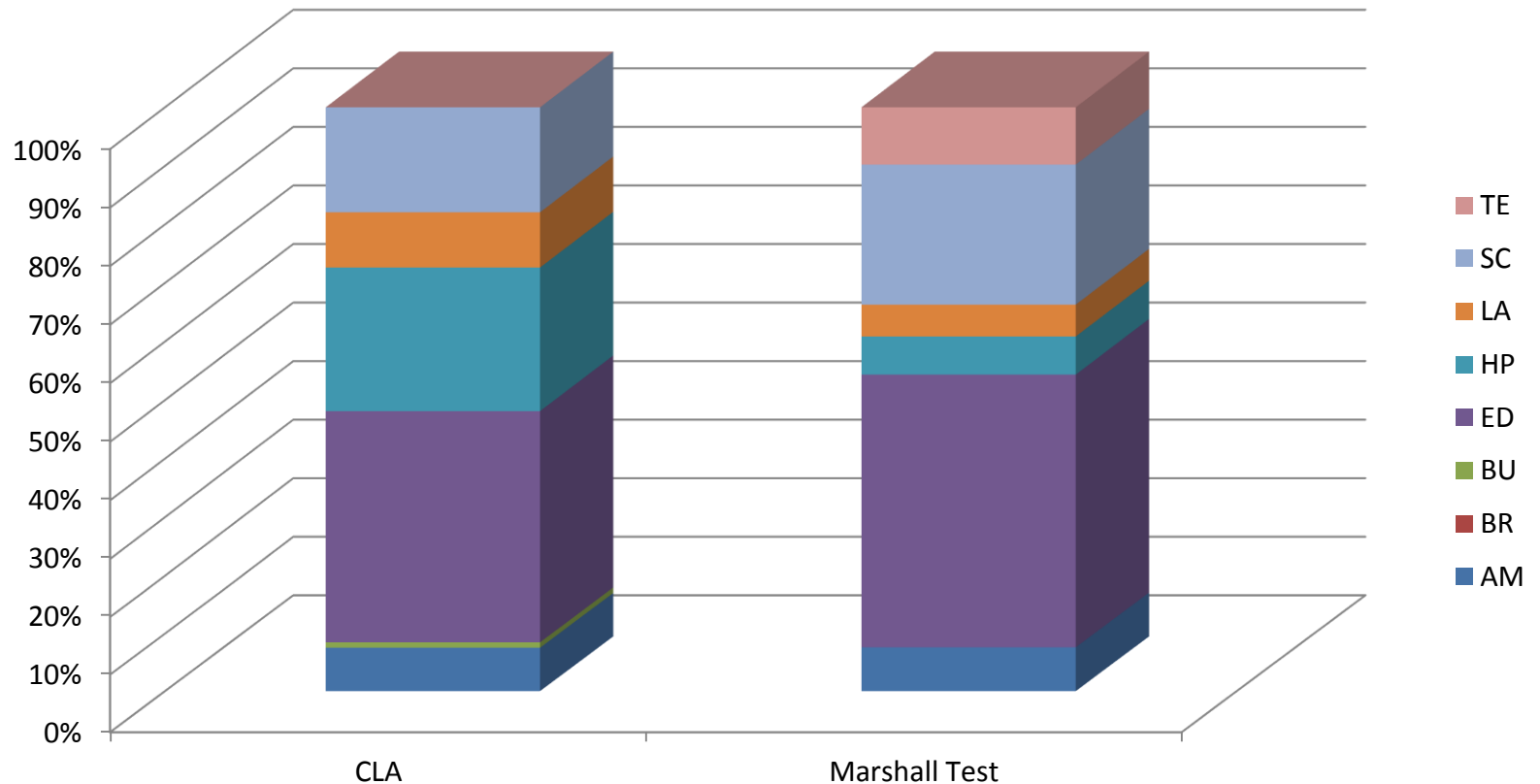
Seniors: *(significant)*

Bar chart comparing CLA and Marshall Test. CLA: No = 90, Yes = 16. Marshall Test: No = 87, Yes = 5.

CLA/Marshall Test Sample Comparisons: College

Seniors: College (*significant*)

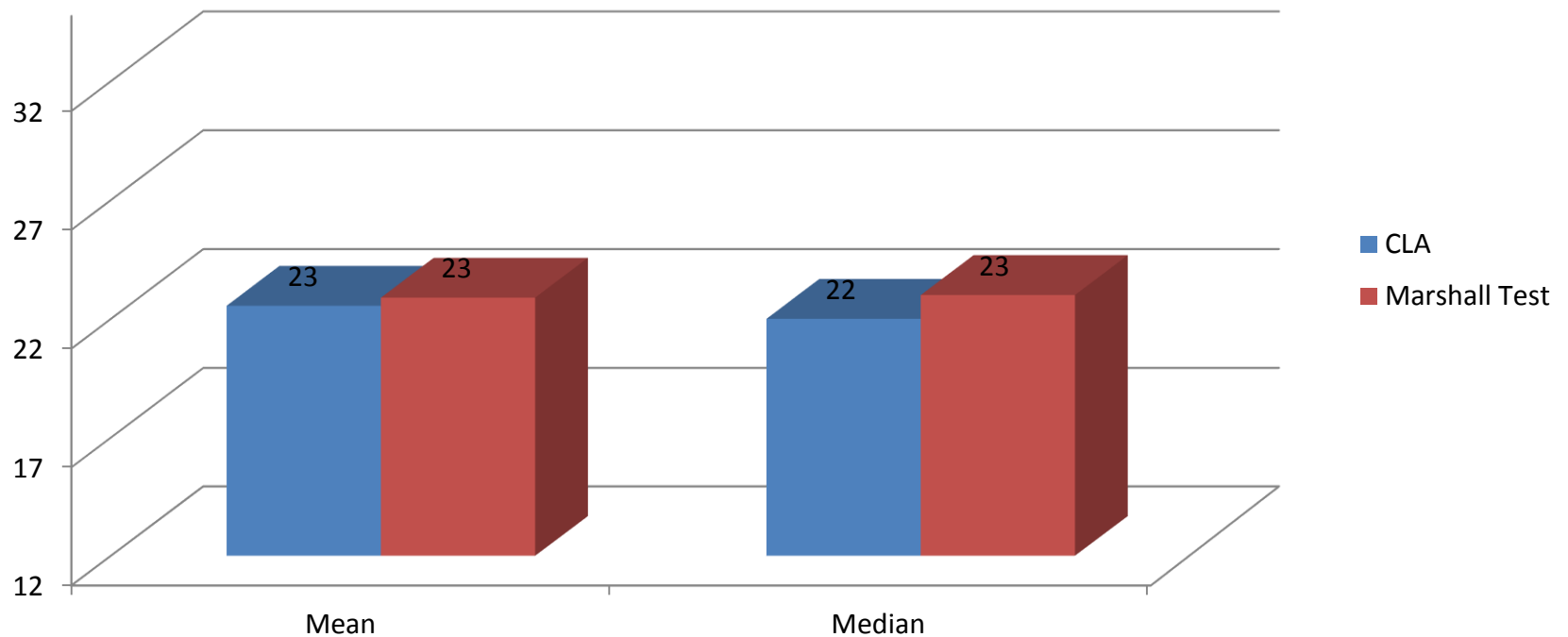|	CLA	Marshall Test
AM	8	7
BR	0	0
BU	1	0
ED	42	43
HP	26	6
LA	10	5
SC	19	22
TE	0	9
Total	**106**	**92**

CLA/Marshall Test Sample Comparisons: College

Seniors: College *(significant)*

Comparison of Mean and Median (entering academic ability on *ACT* scale) between CLA (*n* = 106) and Marshall Test (*n* = 82)
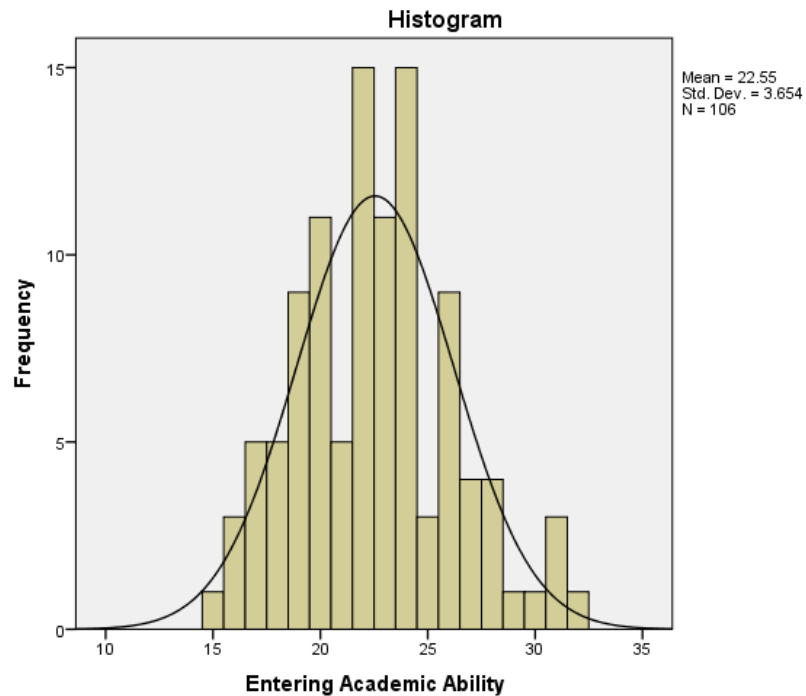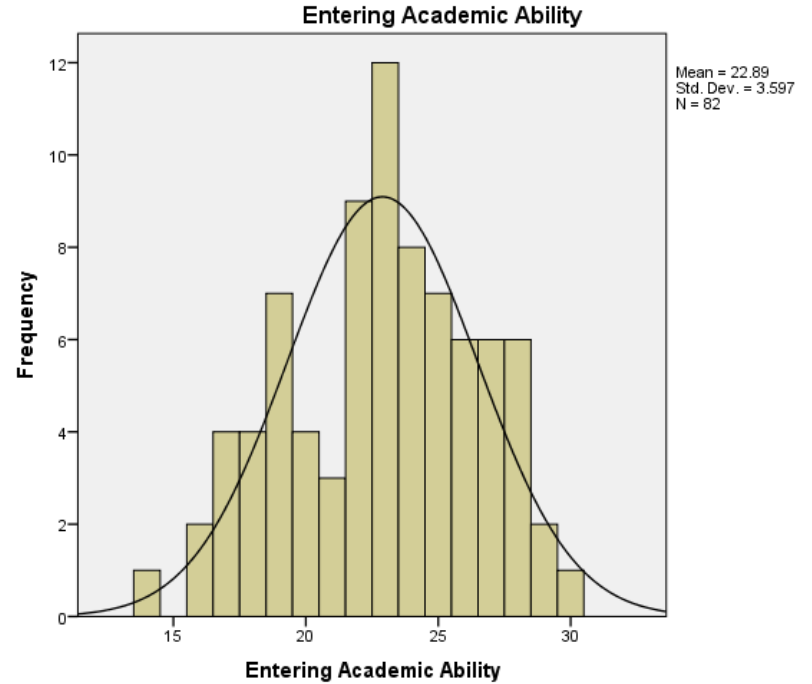
Seniors: *(ns)*

Spring 2016 Seniors
Comparison of normal curves for population and sample

CLA *n* = 106

Marshall Test *n* = 82

Histogram — Entering Academic Ability (CLA)
Mean = 22.55, Std. Dev. = 3.654, N = 106

Entering Academic Ability (Marshall Test)
Mean = 22.89, Std. Dev. = 3.597, N = 82
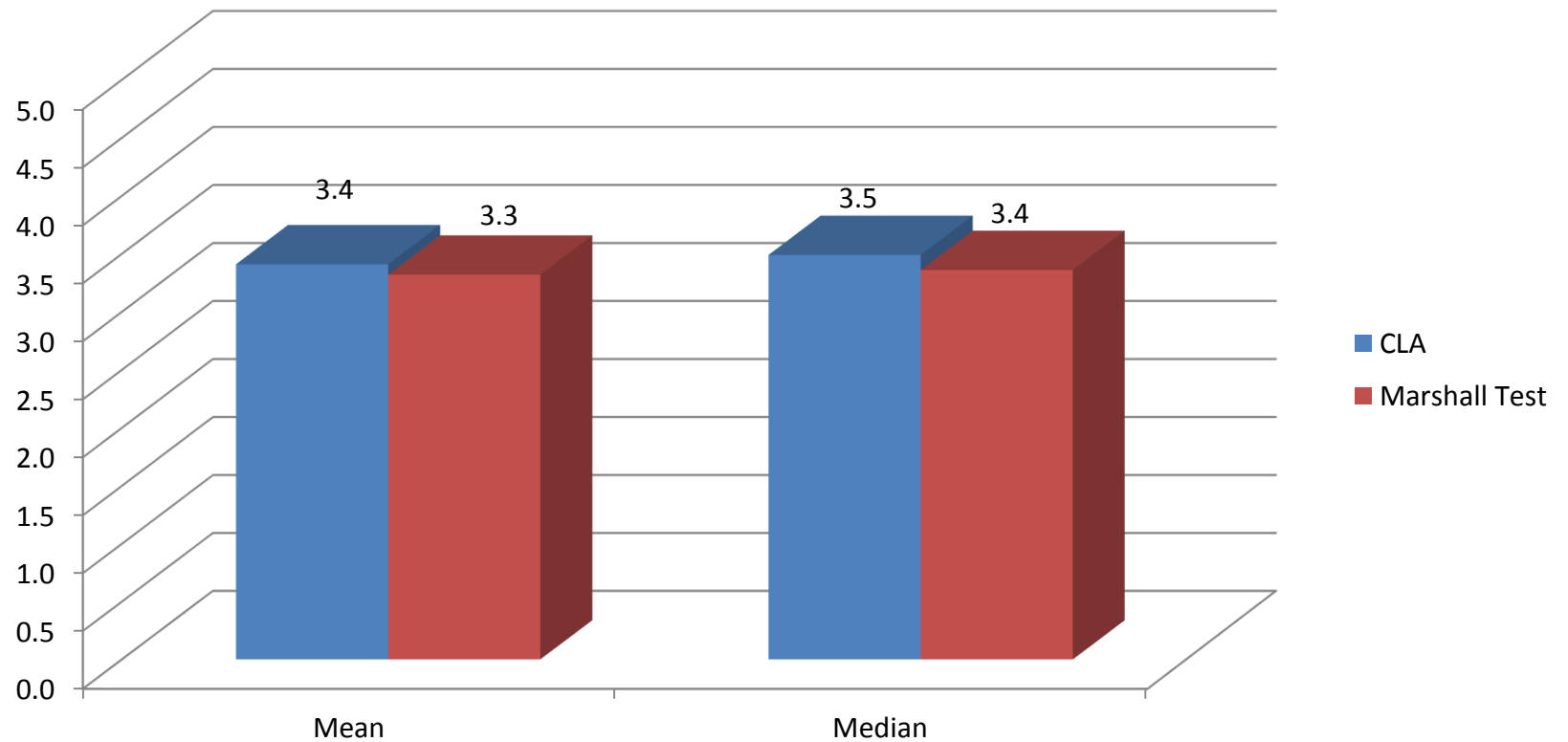
Comparison of Mean and Median College GPA between CLA Sample (*n* = 106) and Marshall Test Sample (*n* = 92)
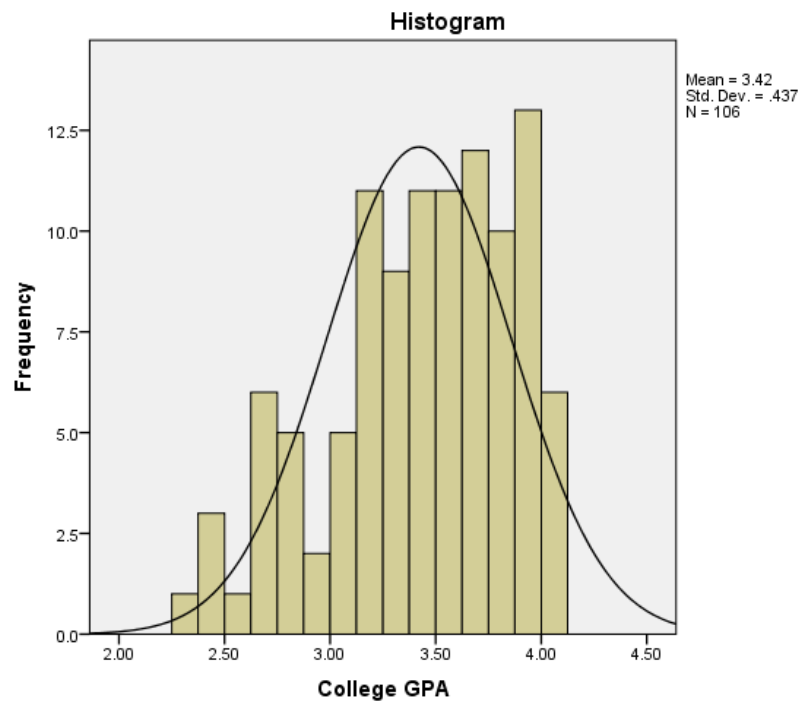

**Seniors: (*ns)*

Spring 2016 Seniors
Comparison of normal curves for population and sample

CLA *n* = 106

Marshall Test *n* = 92

Histogram

Mean = 3.42
Std. Dev. = .437
N = 106

College GPA

Mean = 3.32
Std. Dev. = .46
N = 92