CLA Sample/Population Comparisons

Academic Year 2016 – 2017

CLA Sample/Population Comparisons

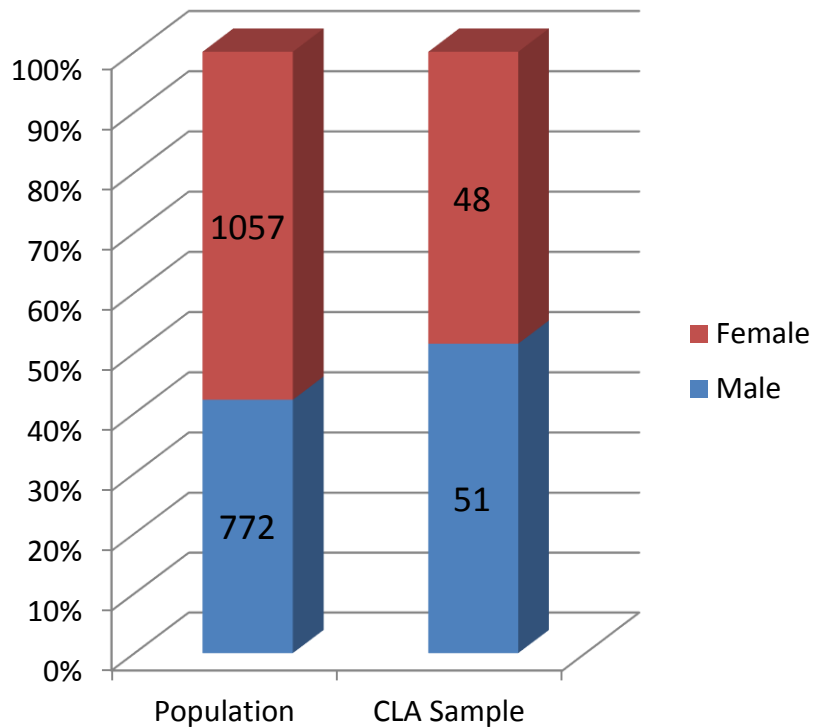**Freshmen: Fall 2016**

- Population n = 1,829
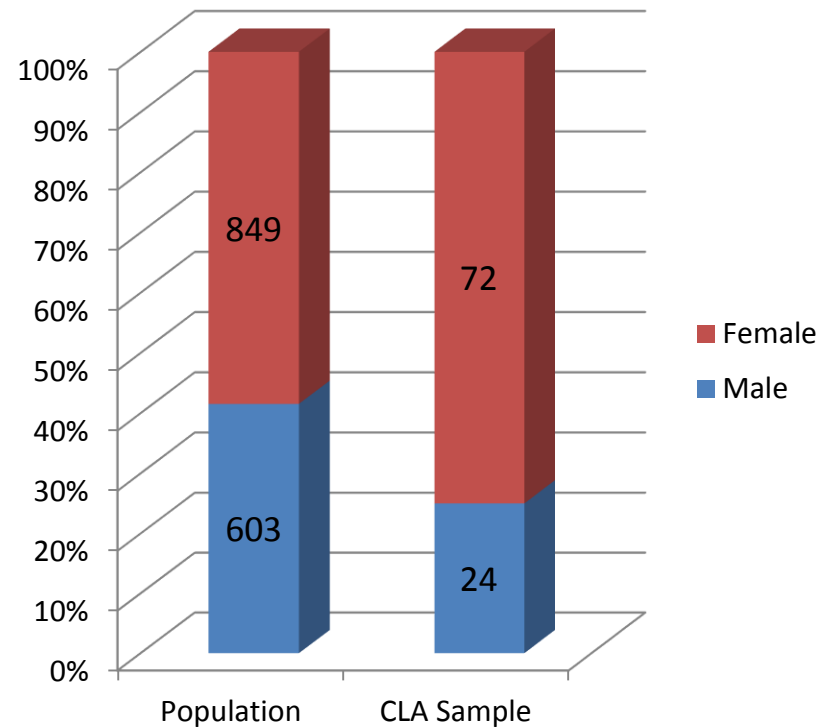- Sample n = 99

Seniors: Spring 2017

- Population n = 1,452
- Sample n = 96

CLA Sample/Population Comparisons: Gender

Freshmen: Gender *(ns)*

Seniors: Gender *(significant)*

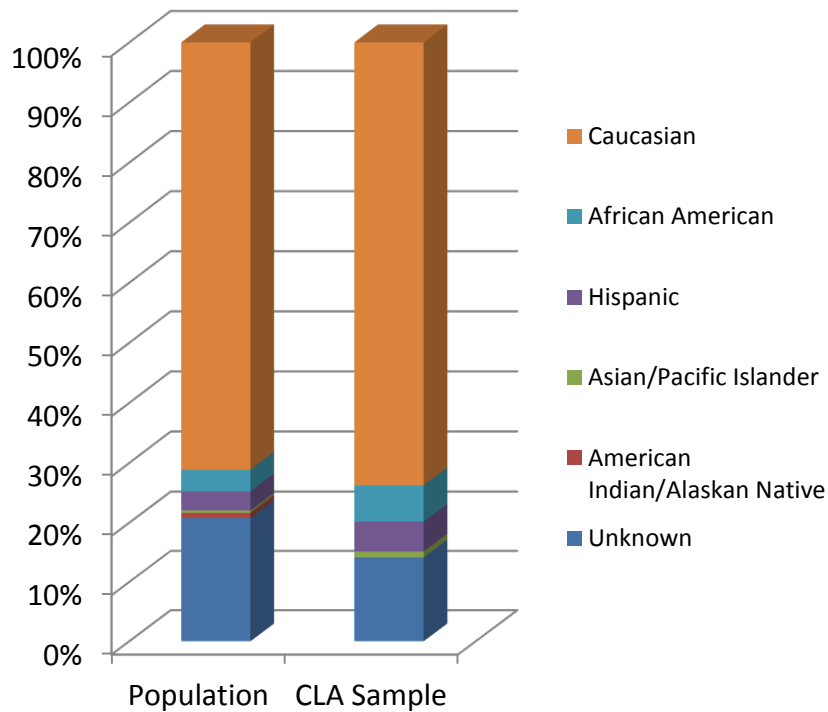# *CLA* Sample/Population Comparisons: Race

Freshmen: Race *(ns)*

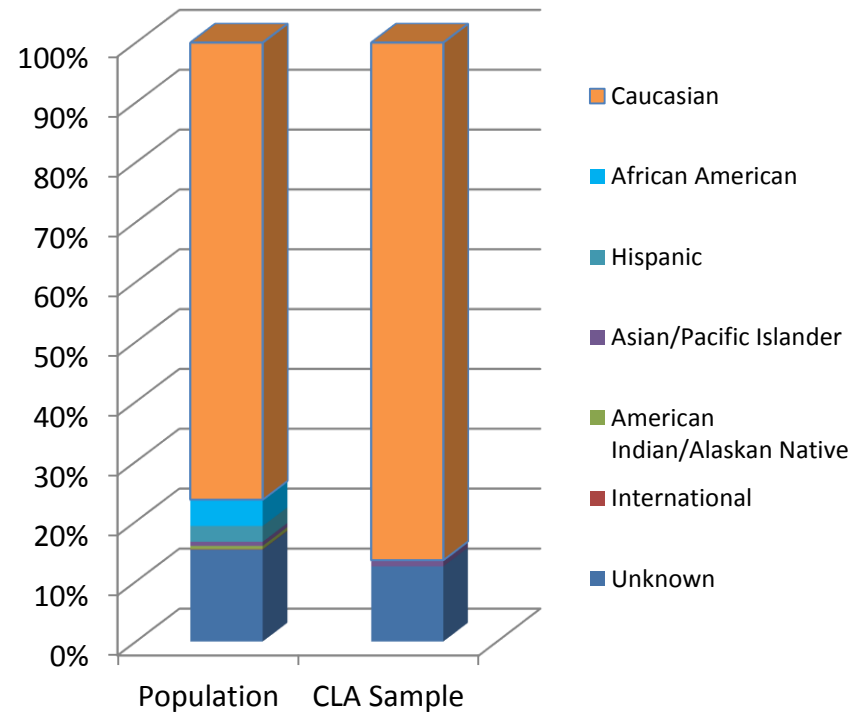|	Population	CLA Sample
Caucasian	1,301	73
African American	66	6
Hispanic	58	5
Asian/Pacific Islander	8	1
American Indian/Alaskan Native	15	0
Unknown	381	14
Total	1,829	99

Seniors: Race *(ns)*

	Population	CLA Sample
Caucasian	1,109	83
African American	64	0
Hispanic	38	0
Asian/Pacific Islander	10	1
American Indian/Alaskan Native	8	0
International Student	1	0
Unknown	222	12
Total	1,452	96

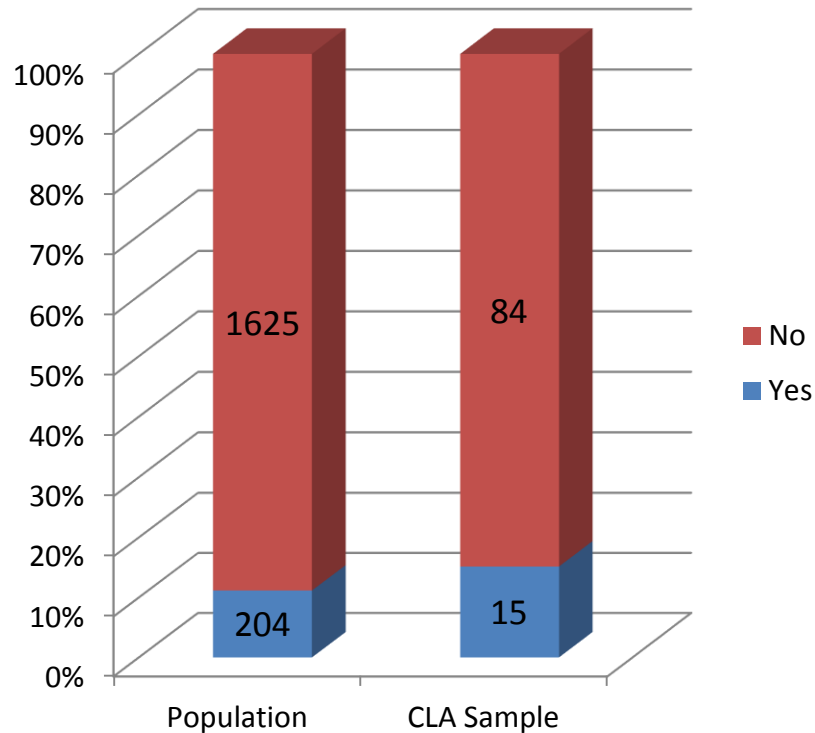# *CLA* Sample/Population Comparisons: Race
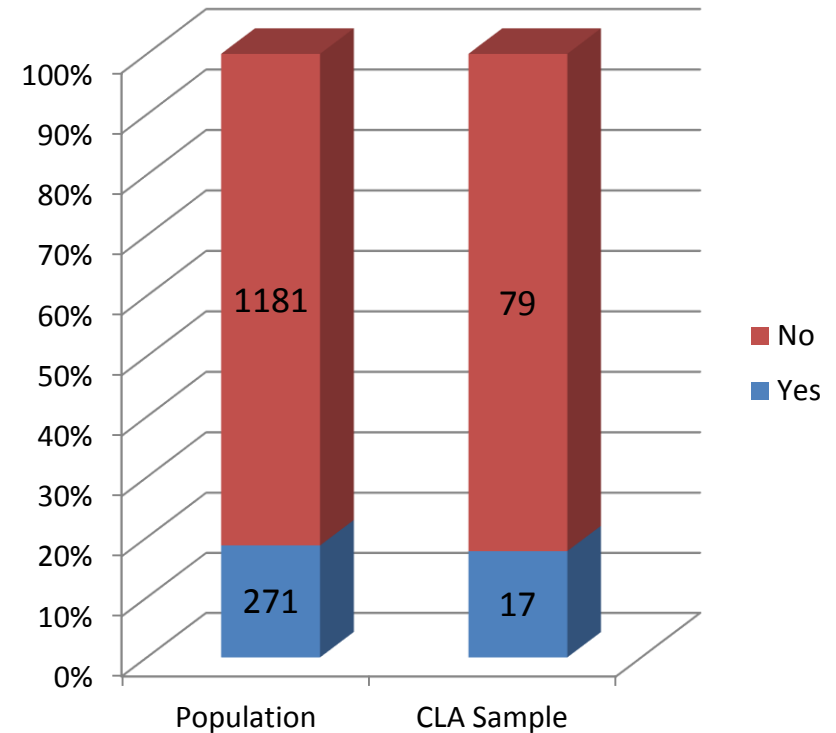

Freshmen: Race *(ns)*

Seniors: Race *(ns)*

CLA Sample/Population Comparisons: Honors College Enrollment

Freshmen: *(ns)*

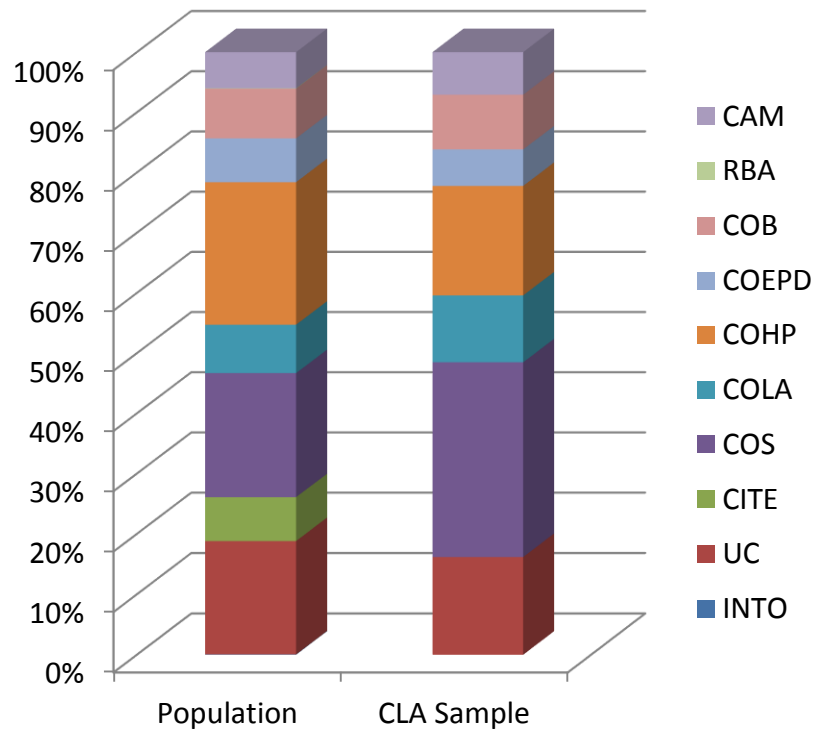**Seniors:** *(ns)*

CLA Sample/Population Comparisons: College

Freshmen: College (*ns*)

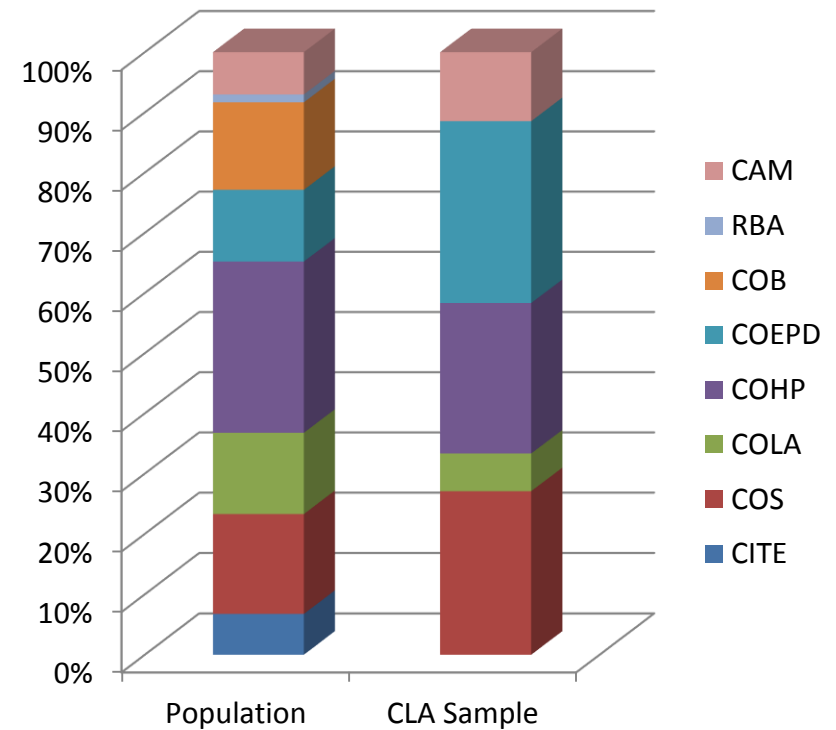|	Population	CLA Sample
CAM	110	7
RBA	1	0
COB	151	9
COEPD	133	6
COHP	433	18
COLA	147	11
COS	377	32
CITE	133	0
UC	343	16
INTO	1	0
Total	**1,829**	**99**

Seniors: College (*significant*)

	Population	CLA Sample
CAM	102	11
RBA	19	0
COB	211	0
COEPD	173	29
COHP	413	24
COLA	196	6
COS	240	26
CITE	98	0
Total	1,452	96

CLA Sample/Population Comparisons: College

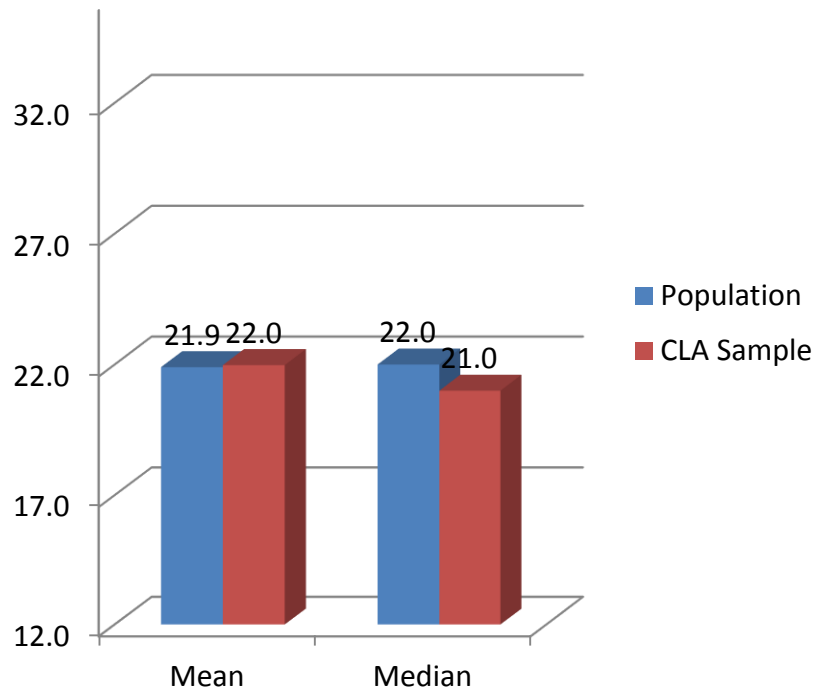**Freshmen: College (*ns*)**
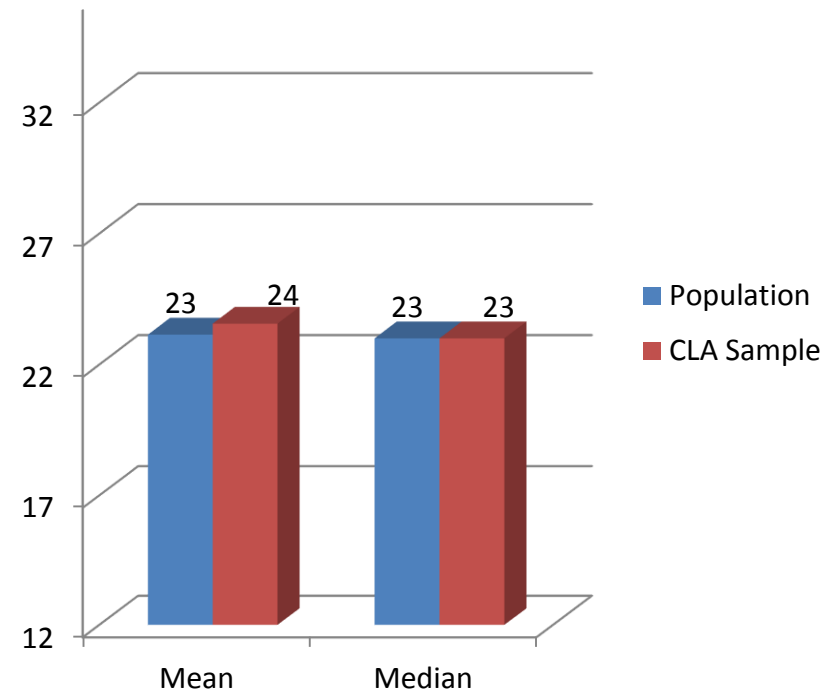
Seniors: College (*significant*)

Comparison of Mean and Median (entering academic ability on *ACT* scale) between Population (freshman *n* = 1,829; senior *n* = 1,452) and *CLA* Sample (freshman *n* = 99; senior *n* = 96)
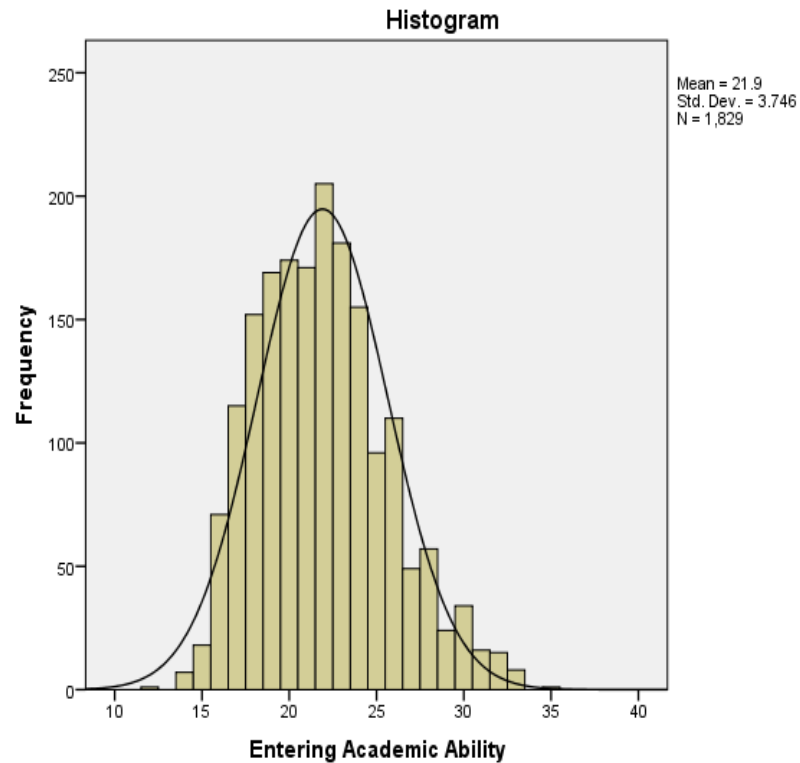
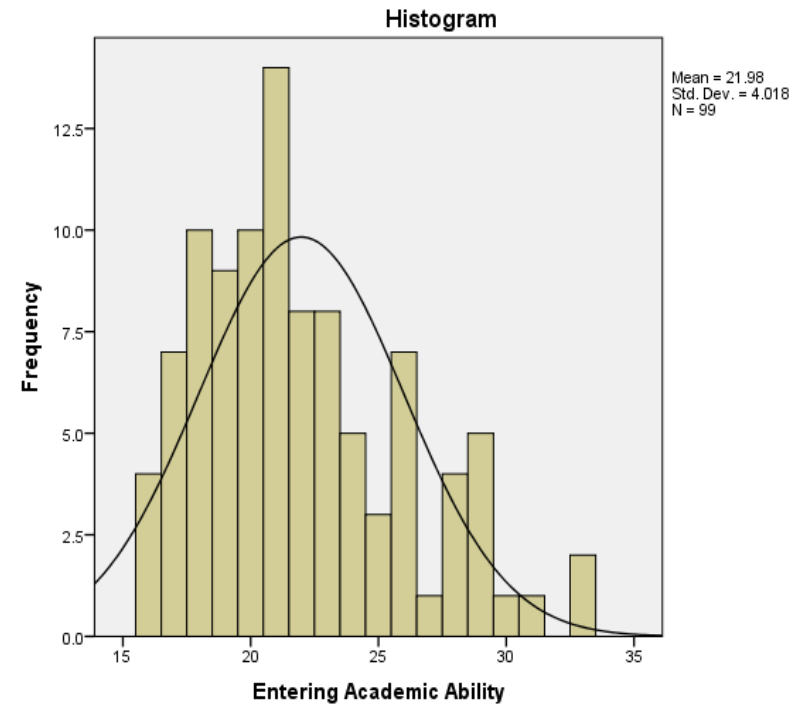**Freshmen: (*ns*)**

Seniors: (*ns*)

Fall 2016 Freshmen
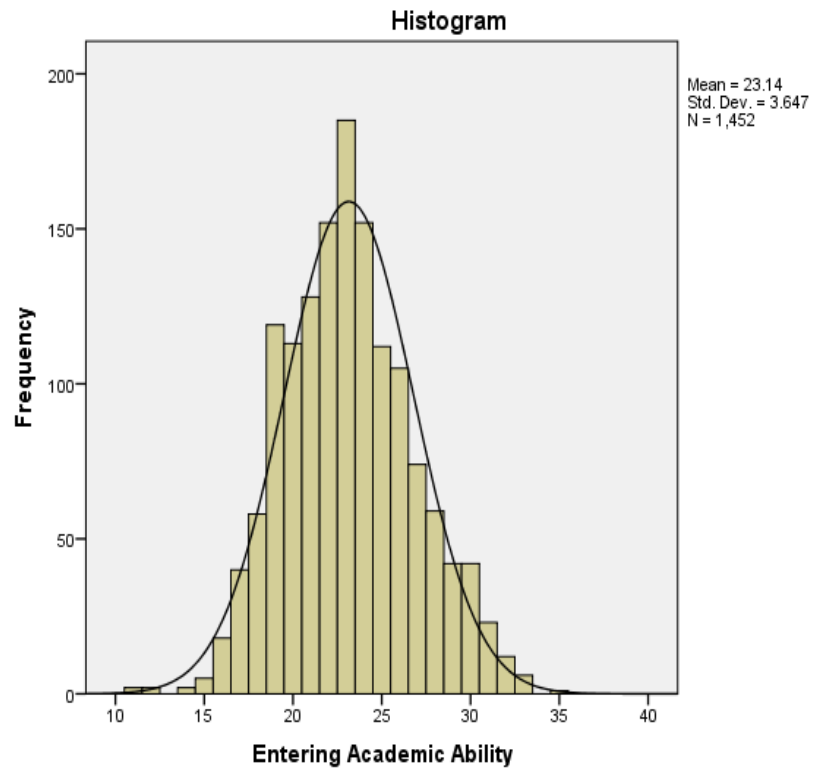## Comparison of normal curves for population and *CLA* sample

Population *n* = 1,829

CLA Sample *n* = 99

Population Histogram — Mean = 21.9, Std. Dev. = 3.746, N = 1,829. X-axis: Entering Academic Ability; Y-axis: Frequency.

CLA Sample Histogram — Mean = 21.98, Std. Dev. = 4.018, N = 99. X-axis: Entering Academic Ability; Y-axis: Frequency.
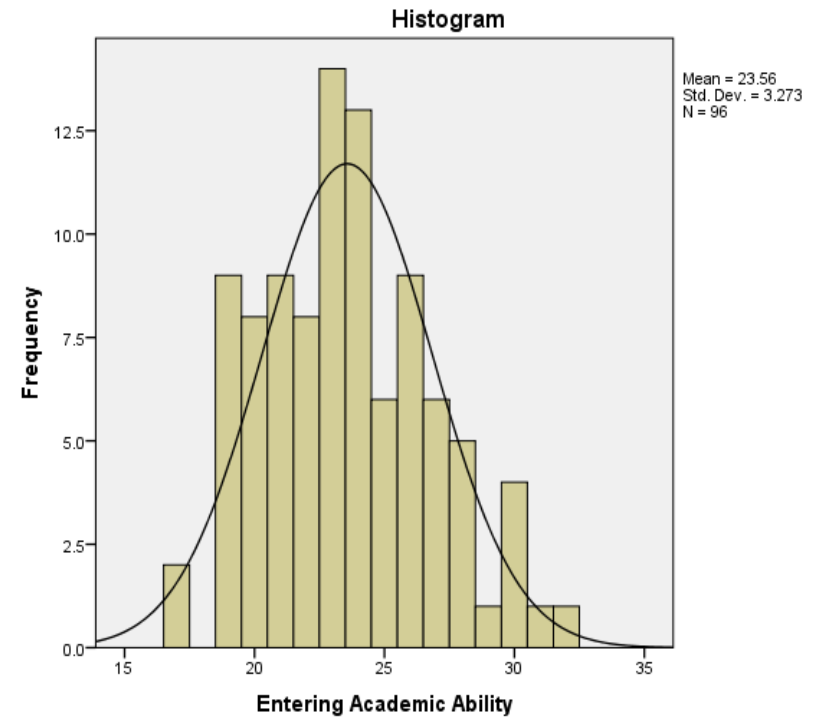
Spring 2017 Seniors
Comparison of normal curves for population and *CLA* sample
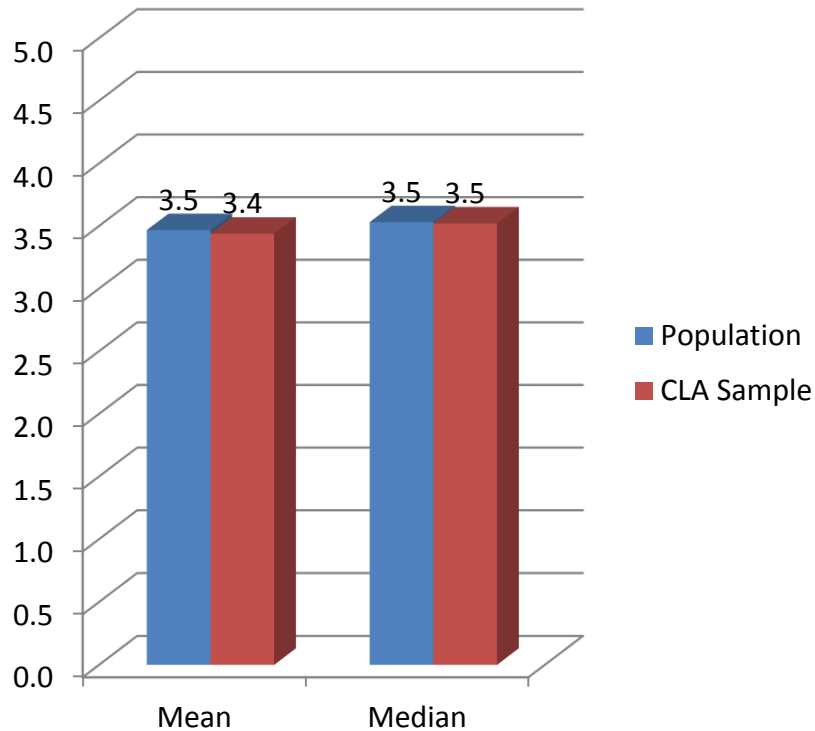
Population *n* = 1,452
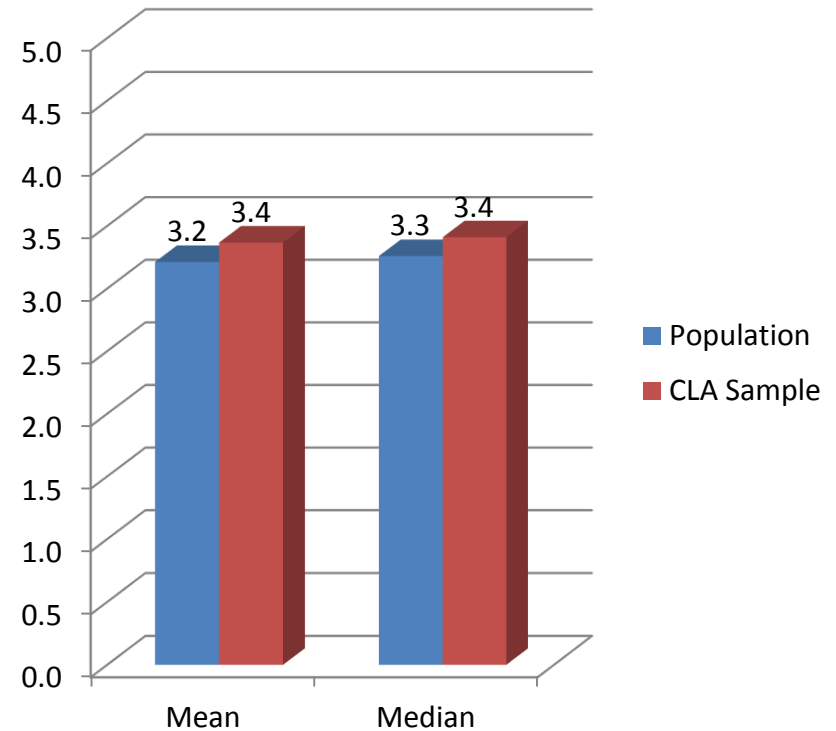
CLA Sample *n* = 96

Comparison of Mean and Median (High School GPA [freshmen] and college GPA [seniors]) between Population (freshman *n* = 1,823; senior *n* = 1,452) and *CLA* Sample (freshman *n* = 99; senior *n* = 96)
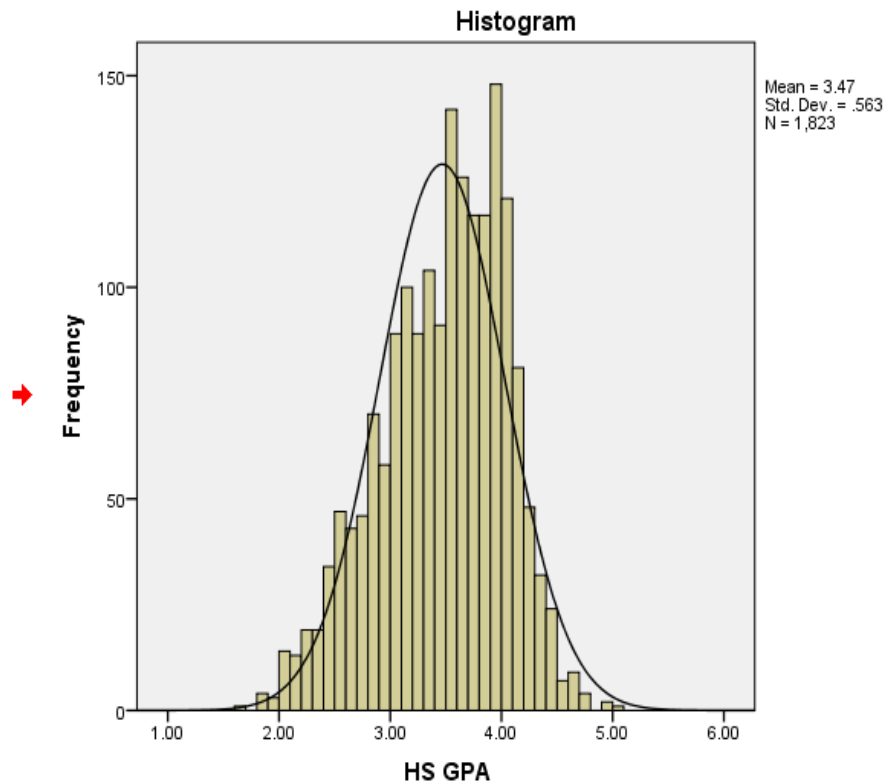
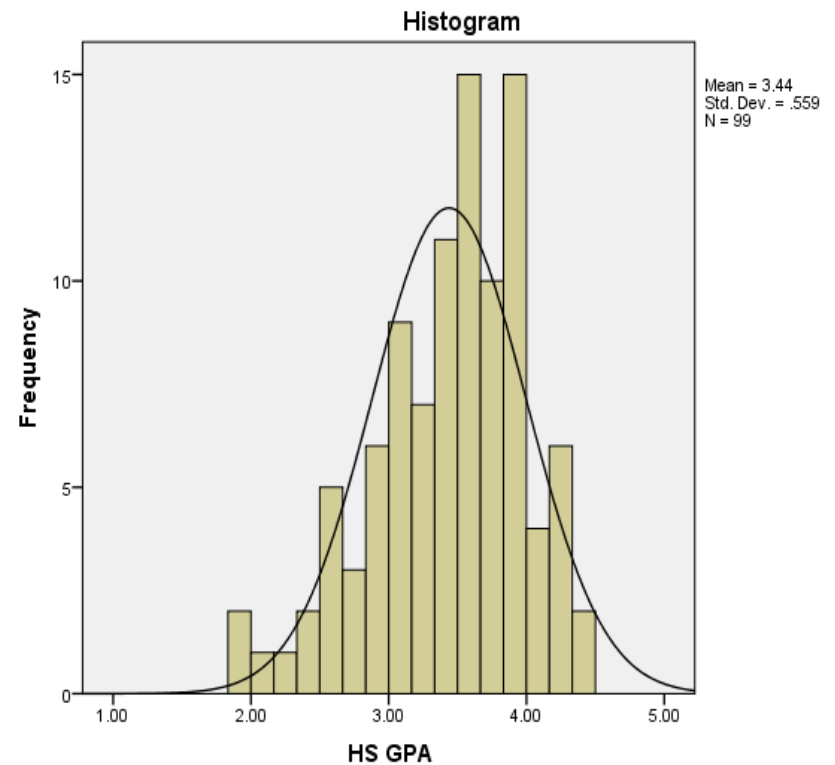**Freshmen:** *(ns)*

Seniors: (*significant*)

Fall 2016 Freshmen
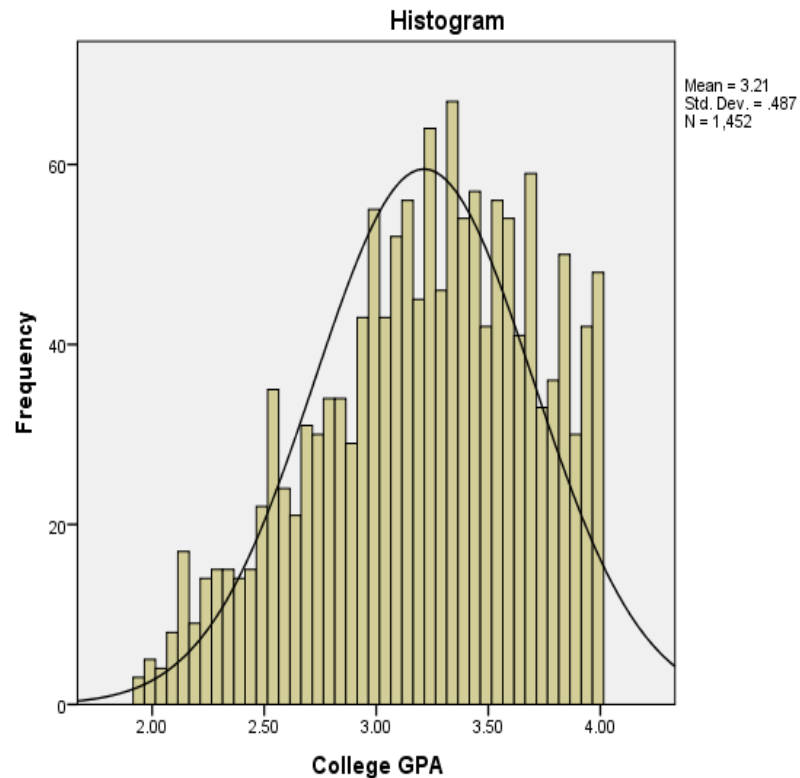## Comparison of normal curves for population and *CLA* sample
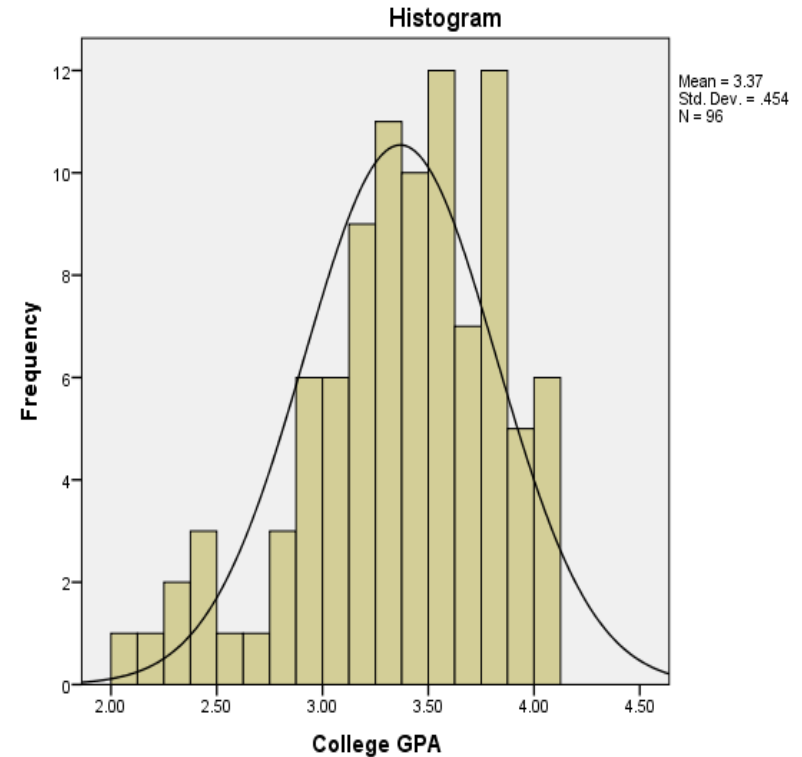
Population *n* = 1,823

CLA Sample *n* = 99

Spring 2017 Seniors
Comparison of normal curves for population and *CLA* sample

Population *n* = 1,452

CLA Sample *n* = 96

Histogram

Mean = 3.21
Std. Dev. = .487
N = 1,452

College GPA

Histogram

Mean = 3.37
Std. Dev. = .454
N = 96

College GPA

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

Academic Year 2016 – 2017

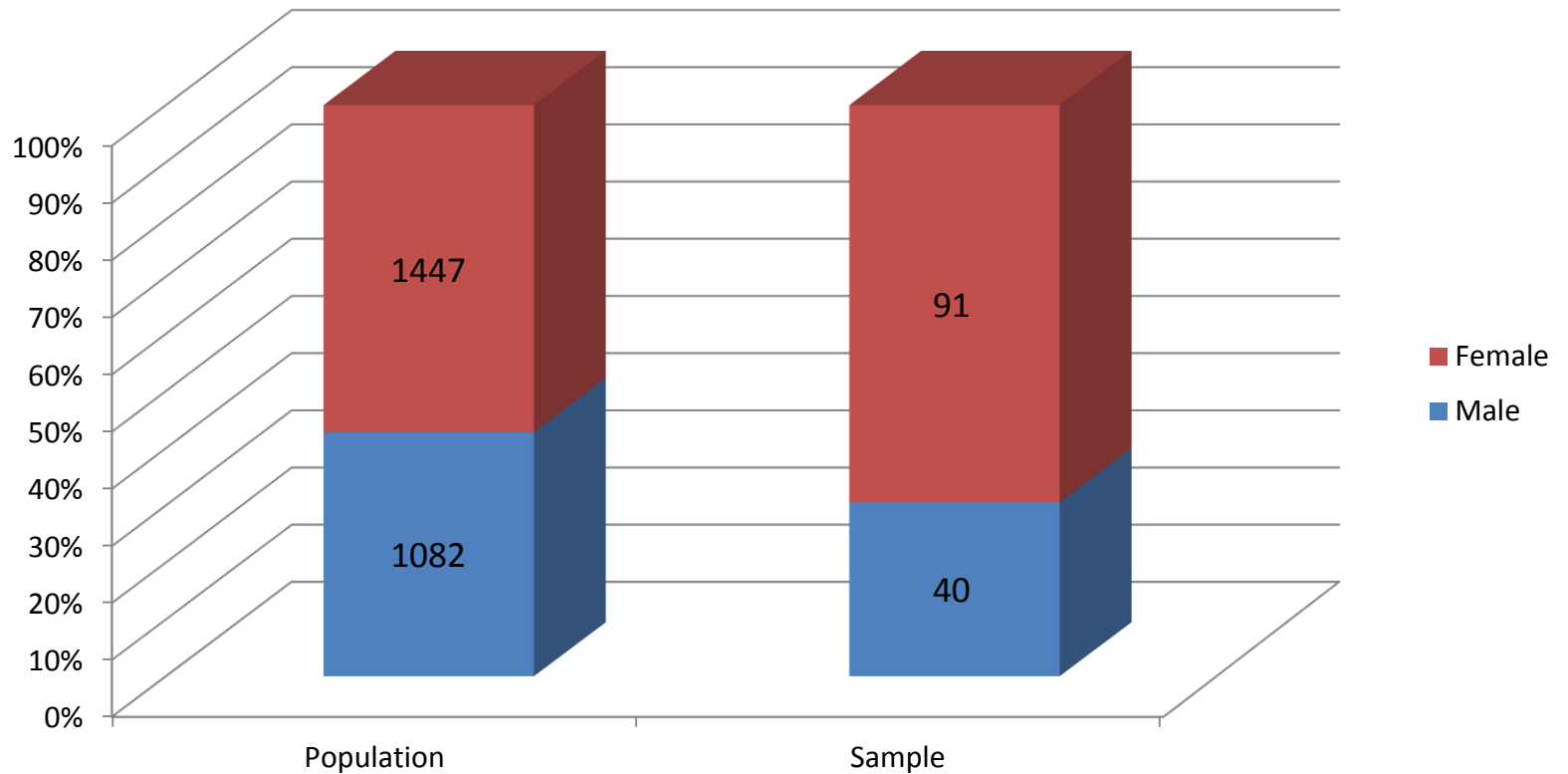# *Senior Assessment* Sample/Population Comparisons

Seniors: Spring 2017

- Population n = 2,529
- Sample n = 131

Senior Assessment
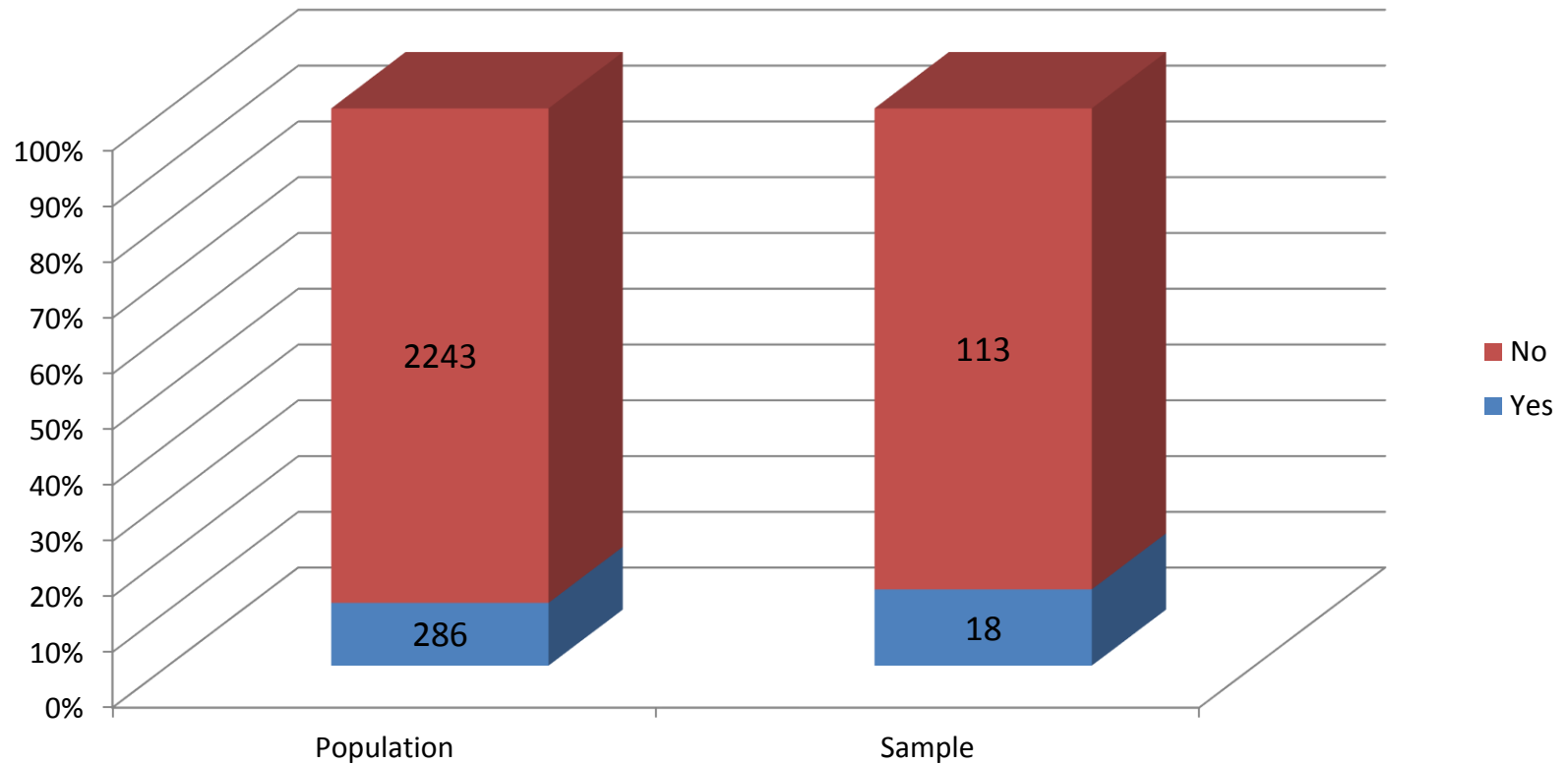# Sample/Population Comparisons: Gender

Seniors: Gender *(significant)*

Senior Assessment
Sample/Population Comparisons: Honors College Enrollment

Seniors: *(ns)*

Senior Assessment
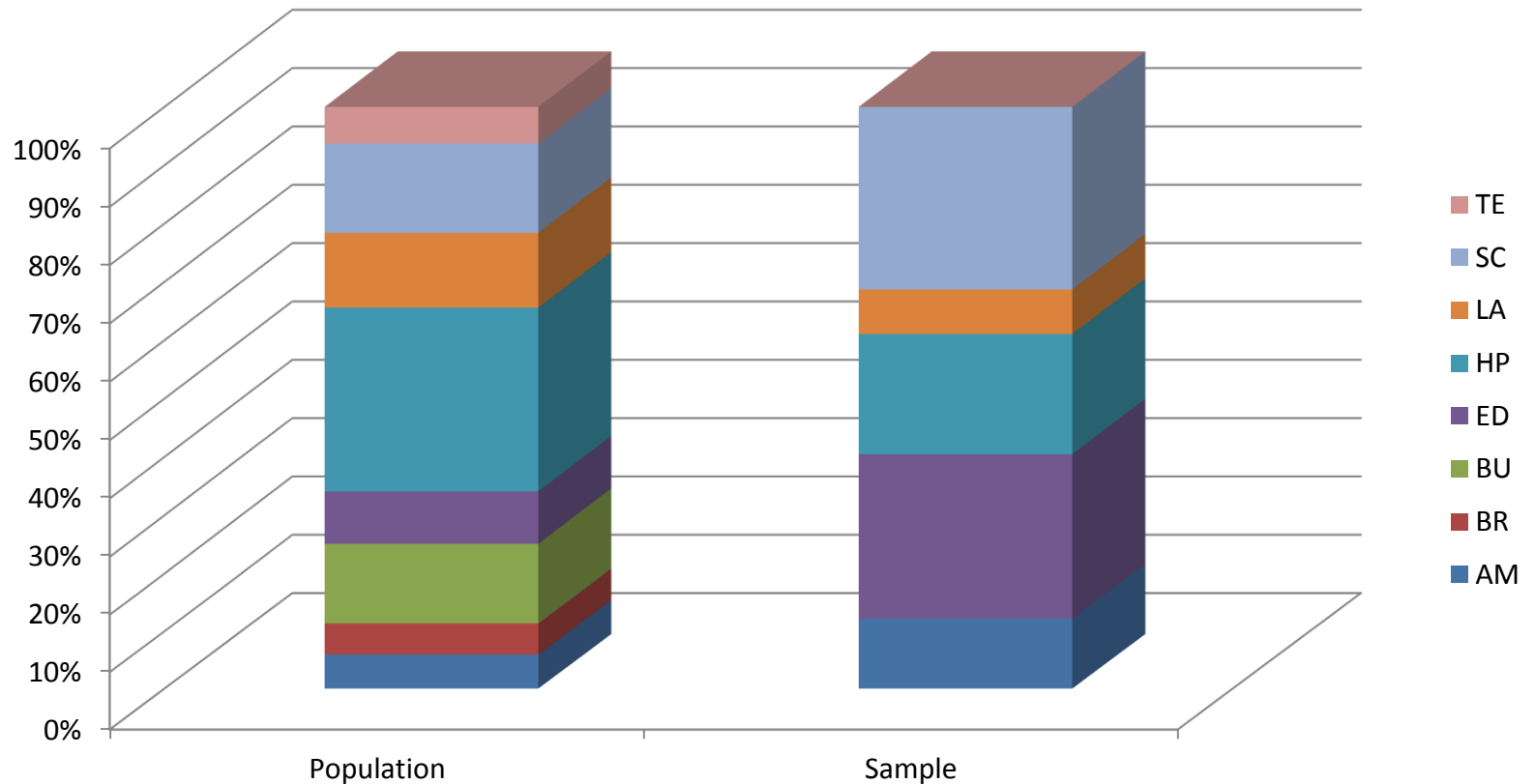# Sample/Population Comparisons: College

Seniors: College (*significant*)

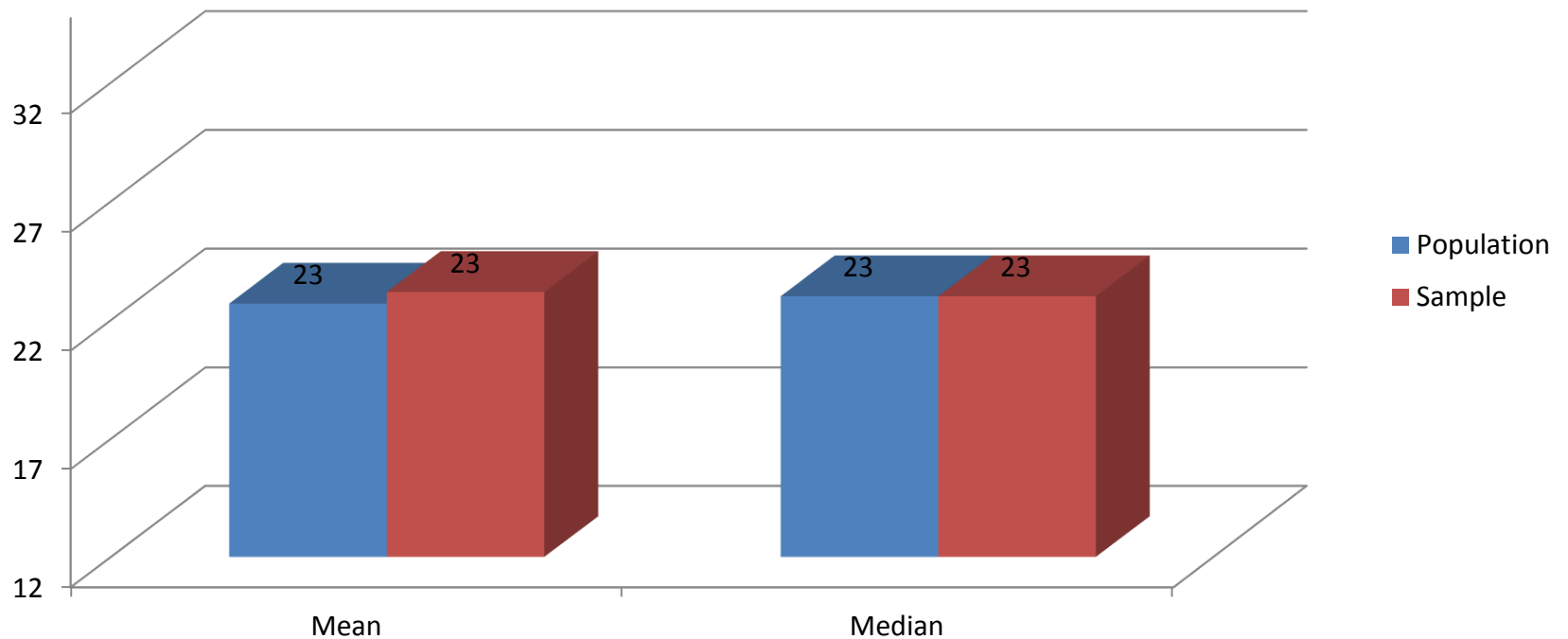|	Population	Sample
AM	150	16
BR	137	0
BU	348	0
ED	227	37
HP	797	27
LA	324	10
SC	387	41
TE	159	0
Total	**2,529**	**131**

Senior Assessment
Sample/Population Comparisons: College

Seniors: College *(significant)*

Comparison of Mean and Median (entering academic ability on *ACT* scale) between Population (n = 2,237) and Sample (n = 126)
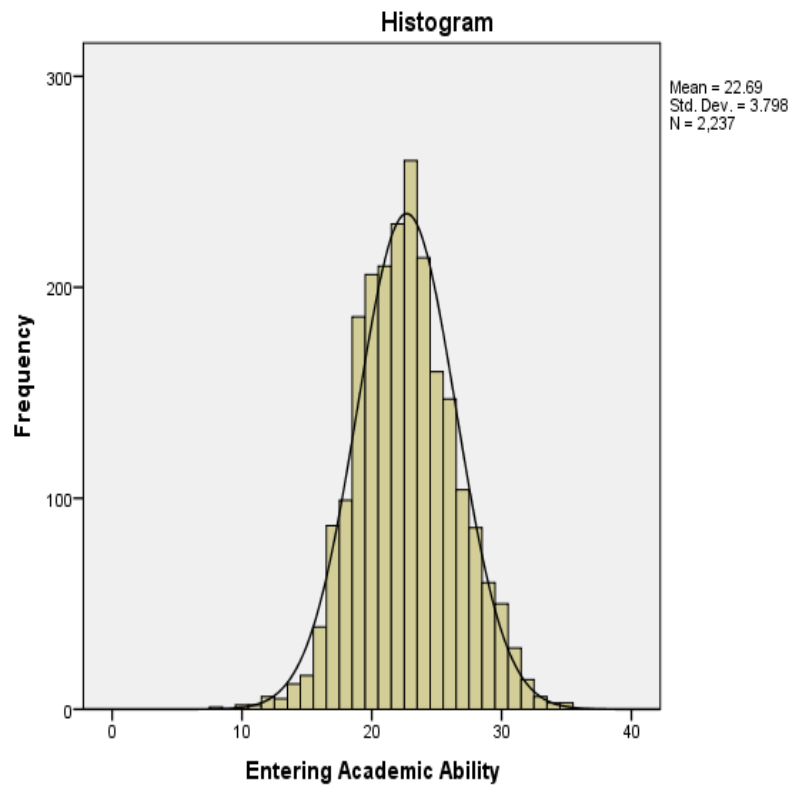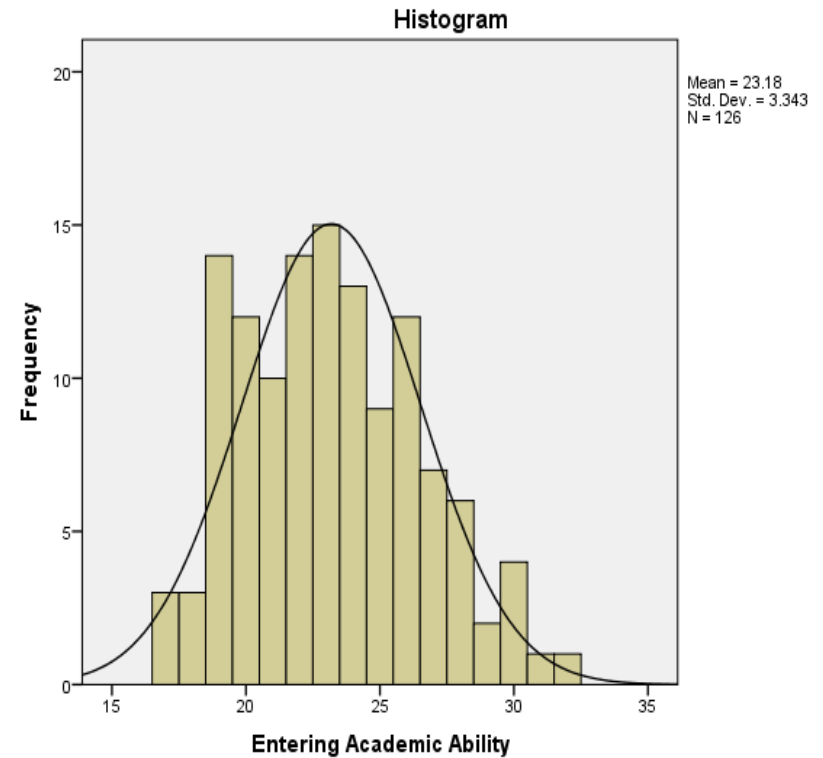
Seniors: *(ns)*

Spring 2017 Seniors
Comparison of normal curves for population and sample
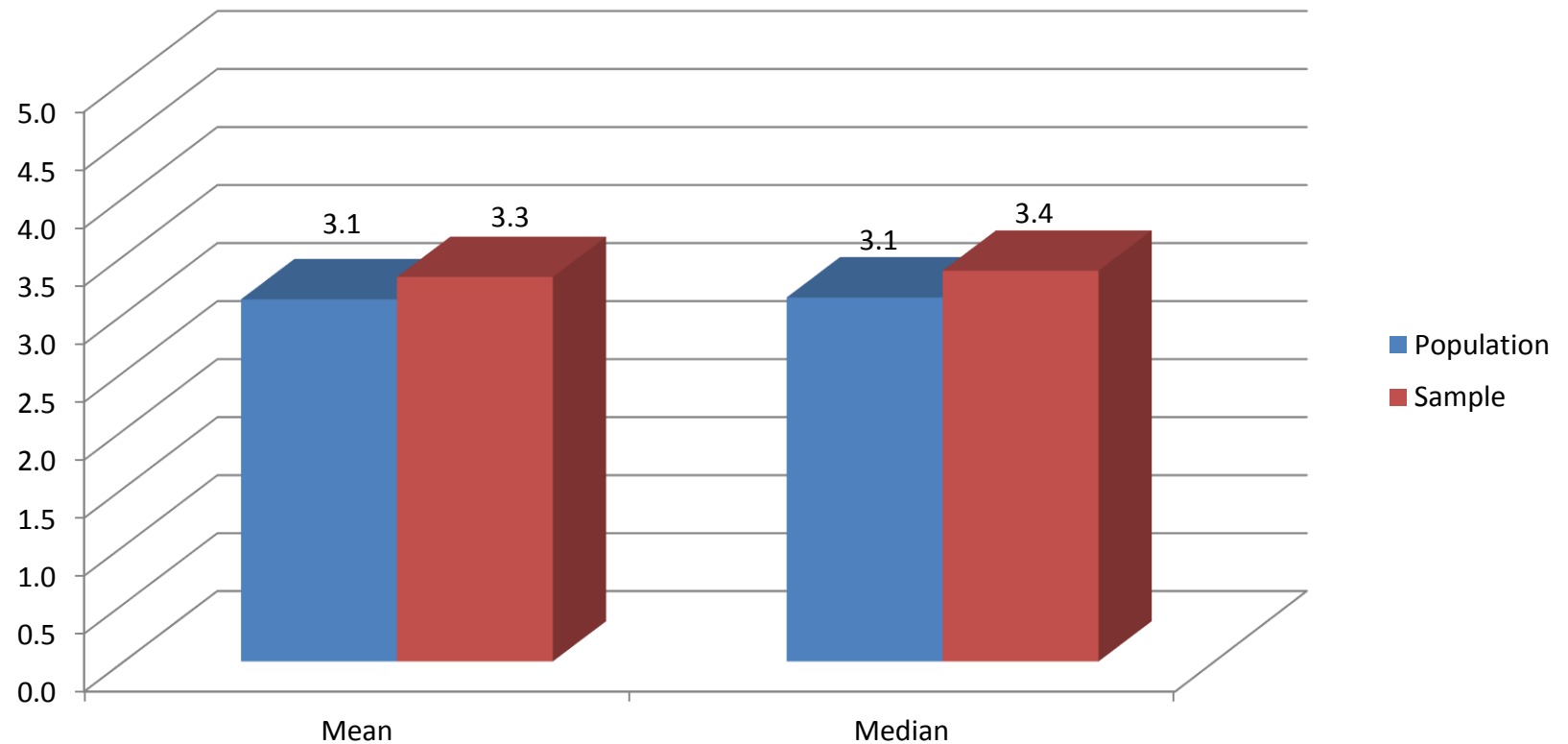
Population *n* = 2,237

Sample *n* = 126

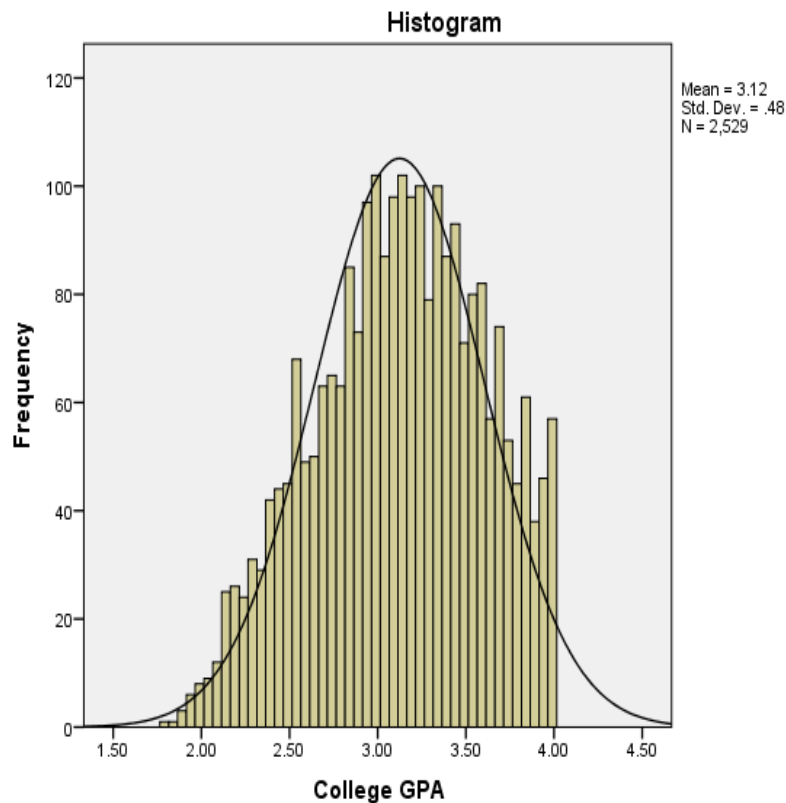# Comparison of Mean and Median College GPA between Population (*n* = 2,529) and Sample (*n* = 131)

**Seniors: (*significant)*
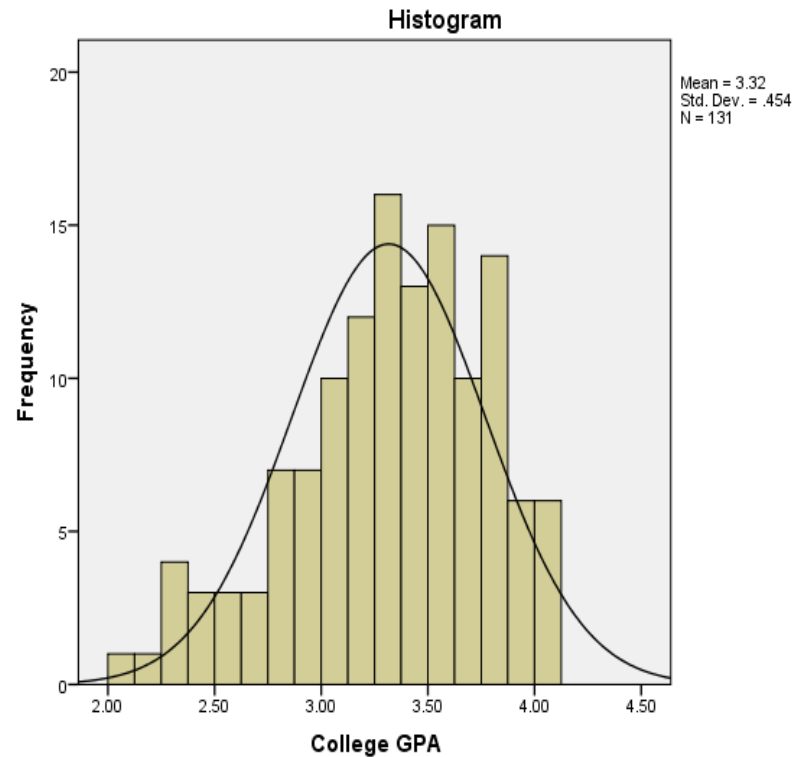
Spring 2017 Seniors
Comparison of normal curves for population and sample

Population *n* = 2,529

Histogram

Mean = 3.12
Std. Dev. = .48
N = 2,529

CLA **Sample *n* = 131**

Histogram

Mean = 3.32
Std. Dev. = .454
N = 131

Senior Assessment
CLA/Marshall Sample Comparisons
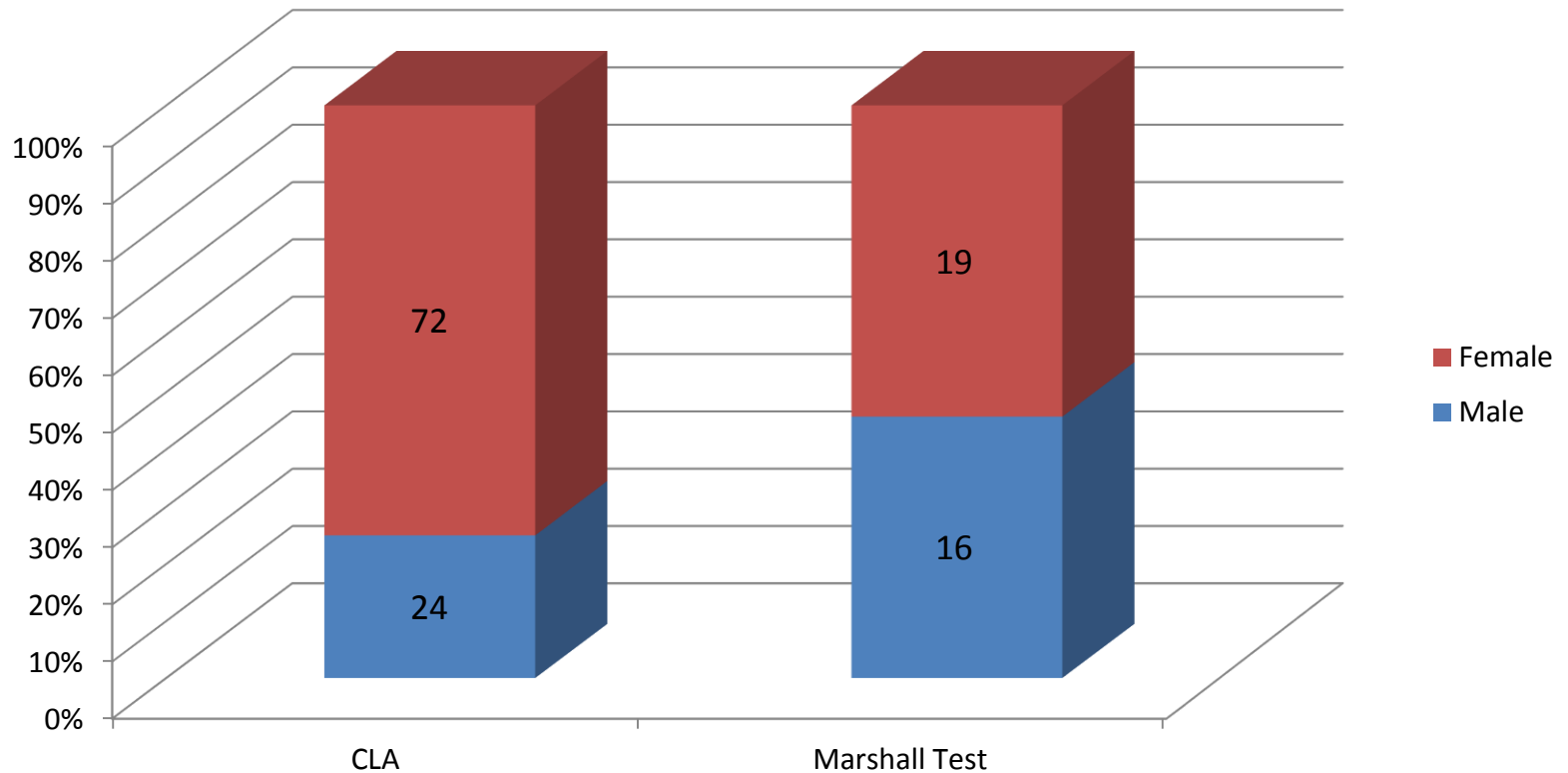
Academic Year 2016 – 2017

CLA/Marshall Sample Comparisons

Seniors: Spring 2017

- CLA Sample *n* = 96
- Marshall Sample *n* = 35

- 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, 3 were admitted as first-time freshmen, 30 as transfer students, 1 as a readmitted, returning student, and the status of 1 was unknown.
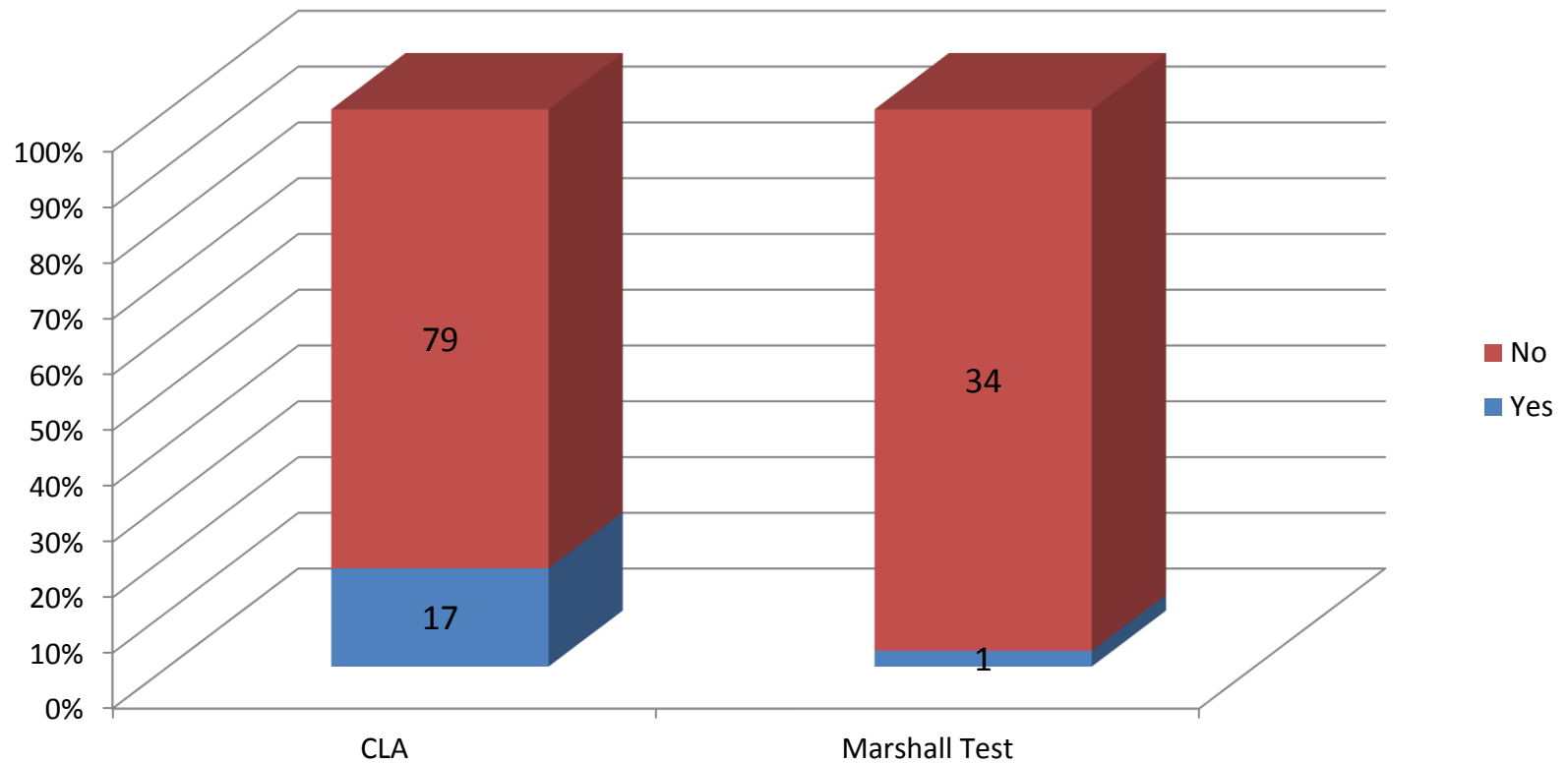
CLA/Marshall Test Sample Comparisons: Gender

Seniors: Gender *(significant)*

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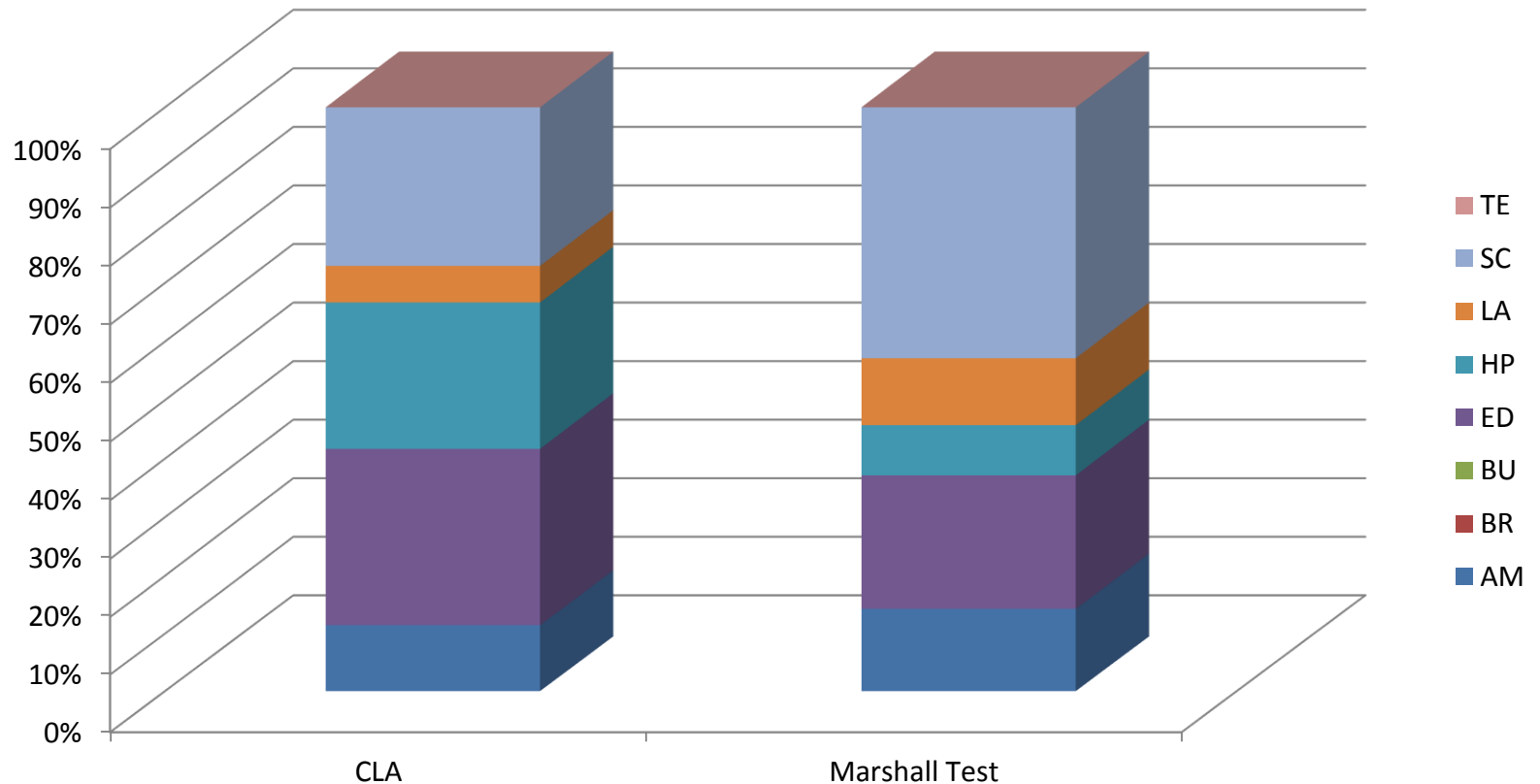
Seniors: *(significant)*

■ No	
■ Yes	

CLA: No = 79, Yes = 17
Marshall Test: No = 34, Yes = 1

CLA/Marshall Test Sample Comparisons: College

Seniors: College (*ns*)

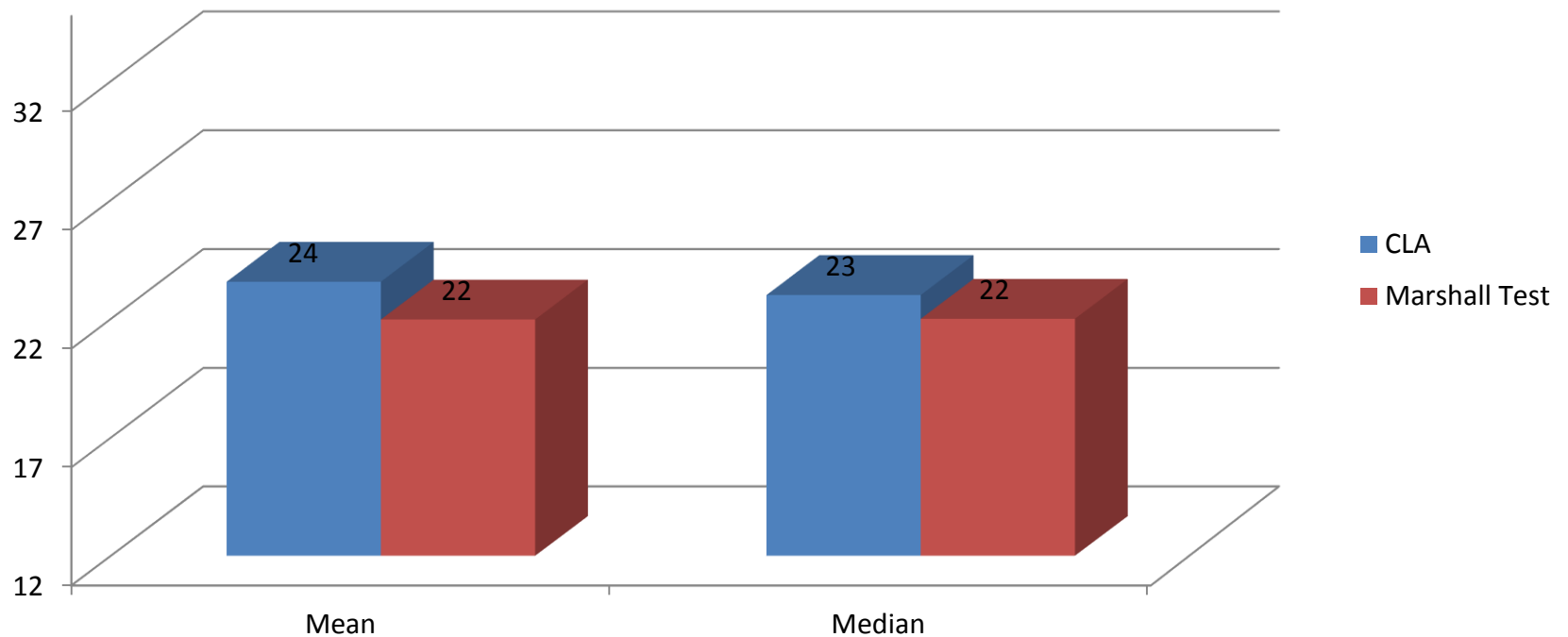|	CLA	Marshall Test
AM	11	5
BR	0	0
BU	0	0
ED	29	8
HP	24	3
LA	6	4
SC	26	15
TE	0	0
Total	**96**	**35**

CLA/Marshall Test Sample Comparisons: College

Seniors: College *(ns)*

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

X-axis: CLA, Marshall Test

Comparison of Mean and Median (entering academic ability on *ACT* scale) between CLA (*n* = 96) and Marshall Test (*n* = 30)

Seniors: *(significant)*
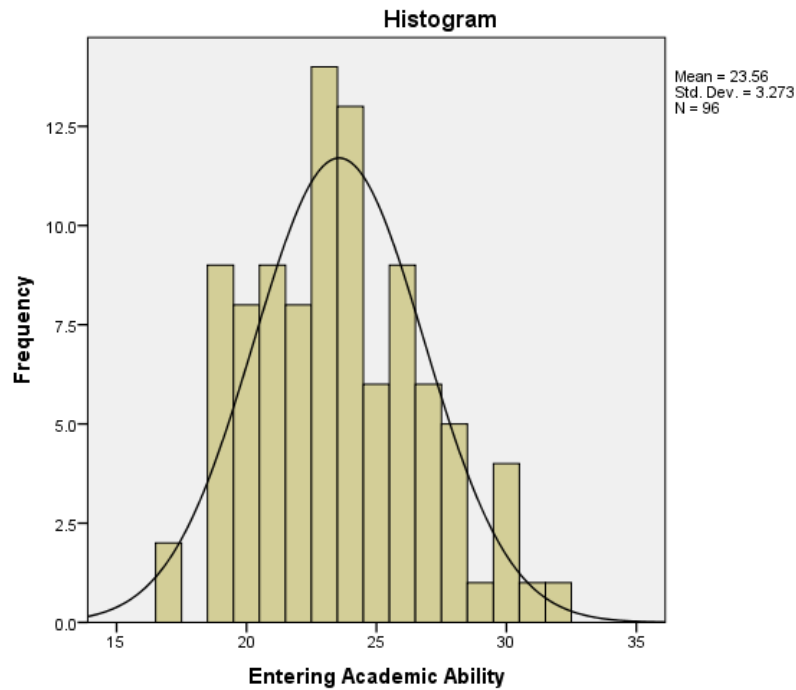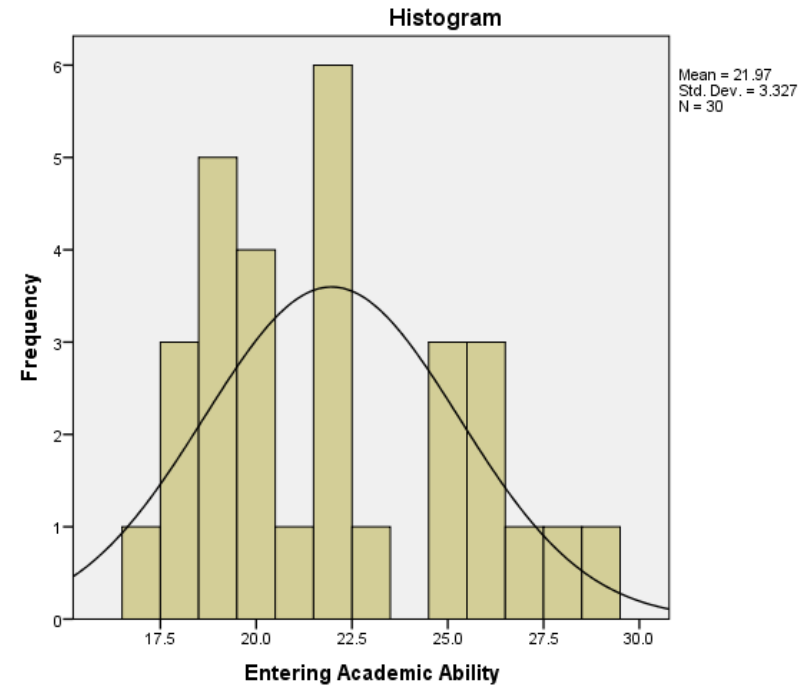
Spring 2017 Seniors
Comparison of normal curves for population and sample

CLA *n* = 96

Marshall Test *n* = 30

Histogram

Mean = 23.56
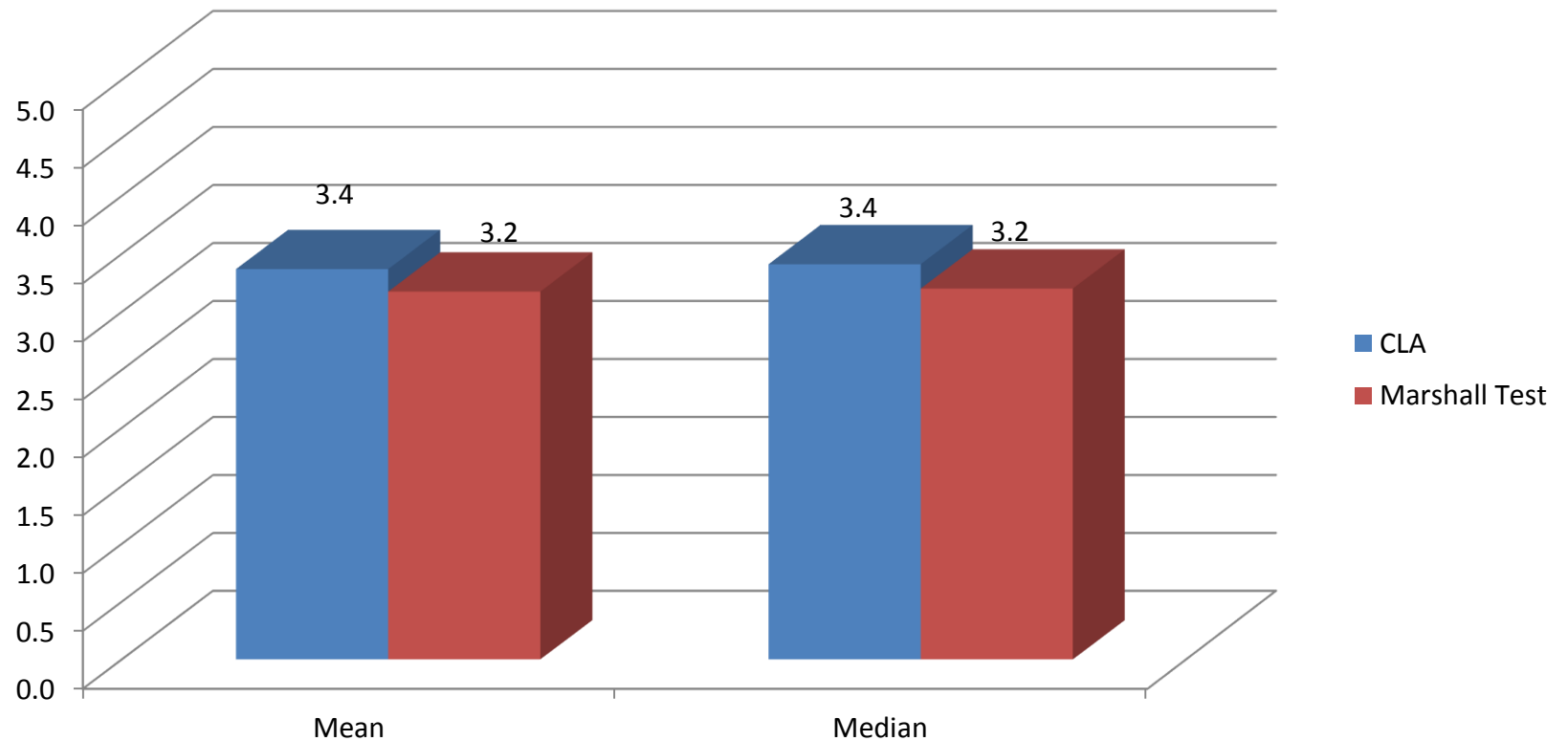Std. Dev. = 3.273
N = 96

Histogram

Mean = 21.97
Std. Dev. = 3.327
N = 30

Comparison of Mean and Median College GPA between CLA Sample (*n* = 96) and Marshall Test Sample (*n* = 35)
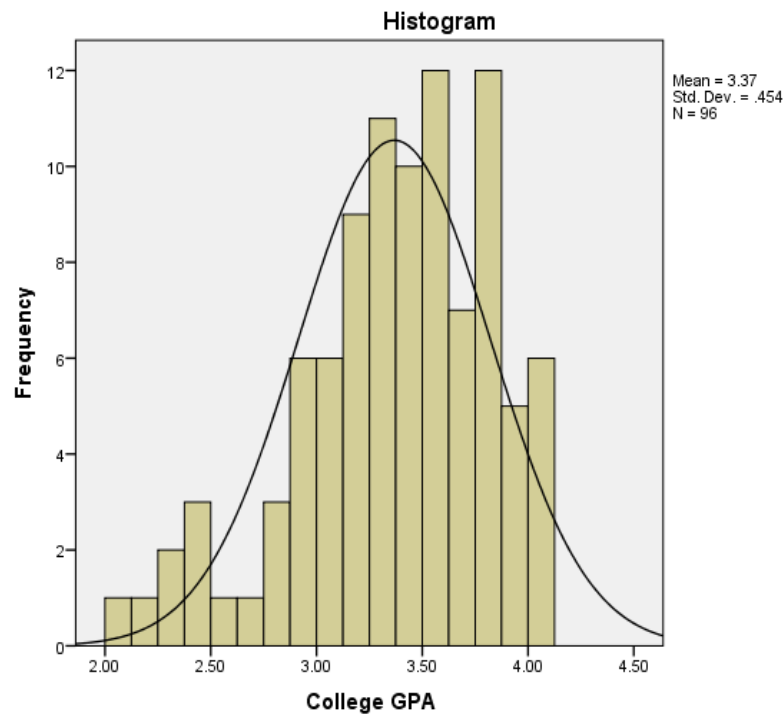
Seniors: (*significant*)

Spring 2017 Seniors
Comparison of normal curves for population and sample

CLA *n* = 96

Marshall Test n = 35