

### 2017 College Senior Survey

**CIRP Longitudinal Construct Reports** 

**Graduating Seniors** 

### Illinois Wesleyan University

Comparison group 1: Private Nonsectarian 4yr Colleges - Very High Selectivity

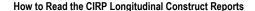
Comparison group 2: Private Nonsectarian 4yr Colleges



# 2017 College Senior Survey CIRP Longitudinal Construct Reports

### **Table of Contents**

<u>H1</u>
<u>1A</u>
<u>1B</u>
<u>1C</u>
<u>1D</u>
<u>1E</u>
<u>2A</u>
<u>2B</u>
<u>2C</u>
<u>2D</u>
<u>2E</u>
<u>3A</u>
<u>3B</u>
<u>3C</u>
<u>3D</u>





Mean – The arithmetic mean is computed for each CIRP Construct. The CIRP Freshman Survey Constructs and the non-longitudinal CSS Constructs have been scaled to a mean of 50 and a standard deviation of 10. The longitudinal CSS construct scores have been adjusted upwards or downwards from a mean of 50 during the IRT scoring process depending on the direction of change in the population, the standard deviation remains 10.

Mean Charts – Provide a visual display of relevant construct scores for your institution and two comparison groups. The Y-axis is defined by the highest and lowest possible construct score. Mean scores are represented by circles. The numbers at the top and bottom of the vertical line are values for the 75th and 25th percentile.

Statistical Significance - Uses ttest to examine the difference between the mean construct score on the CIRP Freshman Survey and CSS. Constructs with mean differences that are larger than would be expected by chance are noted with one, two, or three stars, which correspond to the three standard levels of significance (\*p<.05, \*\*p<.01, and \*\*\*p<.001). Statistical significance measures the extent to which a difference is occurring by chance, not the extent to which a difference is important. Large sample sizes (like those in the comparison groups) tend to generate statistical significance even though the magnitude of the difference may be small and not practically significant. In order to provide additional context to statistical significance, effect sizes are provided.

The scores for the longitudinal CIRP Constructs were derived using IRT methods specifically designed to measure within-person change, allowing institutions to measure change among their student population over time as well as to compare the change in their student population to that of their comparison groups. The top portion of this report shows comparative information based on the mean score of a construct and the bottom portion shows the information based on the percentage of students who score in the high, average and low score groups for the construct.

Academic Self-Concept		Your Institution			Comp Group 1			Comp Group 2			
Academic Sen-Concept	TFS	CSS	Change	TFS	CSS CSS	Change	TFS	CSS CSS	Change		
ongitudinal Mean Report	0		Onunge			Onlange	0		Onunge		
Total (n)	627	627		3.878	3.878		11.616	11.616			
Mean	51.9	50.0	-1.9	47.4	46.6	-0.8	50.6	48.9	-1.		
Standard deviation	7.54	8.86	-1.5	8.16	8.94	-0.0	8.68	9.28	-1.		
Significance	7.54	0.00		0.10	0.94	-	0.00	9.20			
	-		-	-		-	-				
Effect size		0.21			0.09			0.19			
25th percentile	47.1	44.8	-2.3	40.9	39.3	-1.6	45.1	42.1	-3.		
75th percentile	57.0	55.6	-1.4	51.9	51.9	0.0	56.8	54.4	-2		
The population mean in the senior year increased by 0.4.	١	our Institution			Comp Group 1		Co	mp Group 2			
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	69.9			69.9			69.9				
		7.0	55.6	00.0			56.	3 .			
	"		55.0		51.9	51.9			54.4		
	(	51.9	50.0					50.6	1 ,,,		
			T 50.0		47.4	46.6	Y	30.0	48.9		
<b>─</b>	47	7.1	44.8		J	ı	45.	1	'		
			44.8		40.9	39.3	45.	' 4	12.1		
						35.3					
	14.1			14.1			14.1				
	TI	-S	CSS		TFS	CSS	TFS	6 (	CSS		
ongitudinal Percentage Report											
Total (n)	627	627	_	3.878	3.878	-	11.616	11,616			
High Construct Score Group	31.7%	26.0%	-5.7%	15.4%	16.2%	0.9%	28.6%	23.4%	-5.3		
Average Construct Score Group	52.5%	48.5%	-4.0%	46.7%	40.9%	-5.8%	46.7%	44.3%	-2.5		
Low Construct Score Group	15.8%	25.5%	9.7%	37.9%	42.9%	4.9%	24.6%	32.3%	7.7		
Significance (based on High Score Group)	13.070	25.570	5.1 /0	31.370	42.570	4.570	24.070	32.370	1.1		
Significance (based on riight score Group)	-		-				-				
	_	our Institution			Comp Group 1		Co	mp Group 2			
		h Score Group			High Score Group		High	Score Group			
		, ccc.c c.cap					ū	•			
Survey items and estimation "weights":											
Rate yourself on each of the following traits as compared											
with the average person your age:											
0 1 2 0											
* Academic ability (3.11)	31.7%	9	26.0%				28.6%	22	.4%		
* Self-confidence (intellectual) (1.86)		<b>–</b>	0.0,0	15.	4%	16.2%			··+ /0		
* Drive to achieve (1.63)				10.							
* Mathematical ability (1.60)											
				TF	c	CSS	TEO		00		
<b>A</b>	TFS		CSS	11	٠٥	U33	TFS	C	SS		
1											

Survey Items and Estimation "Weights" – The survey items used in the creation of the CIRP Construct are presented in the order in which they contribute to the construct along with the estimation weights generated in IRT. Items that tap into a trait more effectively are given greater weight in the estimation process.

Percentage Charts – Provide a visual display of the construct "High Score Group" percentages for your institution and two comparison groups. "High" represents students who scored one-half standard deviation or more above mean (higher than 55).

Comp 1 – The first comparison group is based on your institution's type and control.

Comp 2 – The second comparison group is based on a similar grouping of institution by type and control.

Standard Deviation – Measures the variability around the mean. A small standard deviation indicates that the responses for the construct tend to be very close to the mean, whereas a large standard deviation indicates that the responses are spread over a larger range of response options.

Effect Size – Determines the practical significance of the mean difference between the TFS and the CSS. It is calculated by dividing the mean differences between the TFS and the CSS by the standard deviation of the CSS. Generally, an effect size of .2 is considered small, .5 medium, and .8 large. A positive effect size indicates that the construct score of the CSS is greater than the TFS; a negative sign indicates that the construct score of the CSS is smaller than the TFS.

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Habits of Mind

### CIRP Longitudinal Construct Report All Respondents

		Your Institution	n		Comp Group	1		Comp Group 2	!
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	100	100	-	1,135	1,135	-	1,801	1,801	-
Mean	53.4	51.4	-2.0	52.0	51.7	-0.3	51.3	51.6	0.3
Standard deviation	9.06	4.09	-	8.20	3.90	-	8.50	4.15	-
Significance	-	*	-	-		-	-		-
Effect size	-	-0.50	-	-	-0.06	-	-	0.07	-
25th percentile	47.2	48.7	1.5	47.0	49.3	2.3	46.0	48.9	2.9
75th percentile	60.9	54.4	-6.5	57.3	54.5	-2.8	56.6	54.5	-2.1
The population mean in the senior year increased by 1.7.		Your Institution			Comp Group 1			mp Group 2	
Survey items and estimation "weights":	<sup>71.1</sup> I	60.9		71.1	57.3		71.1	3	
How often in the past year did you:		1	54.4		37.3	54.5	30.0	,	54.5
* Support your opinions with a logical argument		<b>今</b> 53.4	<b>5</b> 1.4		<b>\$</b> 52.0	<b>9</b> 51.7	4	51.3	<b>9</b> 51.6
(2.30)		1	40 =		ı	40.0	'		40.0
* Seek solutions to problems and explain them to		47.2	48.7		47.0	49.3	46.0	)	48.9
others (2.25)									
* Seek alternative solutions to a problem (1.90)									
* Evaluate the quality or reliability of information you	12.4			12.4			12.4		
received (1.73)		TFS	CSS		TFS	CSS	TFS	8	CSS
* Ask questions in class (1.50)									
Longitudinal Percentage Report									
Total (n)	100	100	-	1,135	1,135	-	1,801	1,801	-
High Construct Score Group	44.0%	22.0%	-22.0%	34.4%	20.3%	-14.1%	32.3%	21.4%	-10.8%
Average Construct Score Group	43.0%	73.0%	30.0%	47.3%	76.2%	28.9%	46.3%	74.4%	28.2%
Low Construct Score Group	13.0%	5.0%	-8.0%	18.3%		-14.8%	21.5%	4.2%	-17.3%
Significance (based on High Score Group)	-		-	-	***	-	-	***	-
Survey items and estimation "weights":		Your Institution			Comp Group 1		Co	mp Group 2	
(continued)		High Score Group	)		High Score Grou	р		Score Group	
* Take a risk because you felt you had more to		9					-		
gain (1.39)									
* Seek feedback on your academic work (1.28)									
* Explore topics on your own, even though it was	44.	0%							
not required for a class (1.24)				34	1.4%		32.3%		
* Revise your papers to improve your writing			22.0%			20.3%		<b>7</b> 2	1.4%
(1.15)						20.070			
,									
* Look up scientific research articles and resources									
,	TF	FS	CSS		TFS	CSS	TFS	(	CSS

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Academic Self-Concept

## Academic Self-Concept CIRP Longitudinal Construct Report All Respondents

		Your Institution	n		Comp Group 1	1	Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	84	84	-	953	953	-	1,552	1,552	-	
Mean	54.1	51.9	-2.2	51.5	51.4	-0.1	51.2	51.3	0.2	
Standard deviation	7.35	8.21	-	8.28	8.83	-	8.30	8.95	-	
Significance	_		-	-		-	_		_	
Effect size	-	-0.26	-	-	-0.02	-	_	0.02	-	
25th percentile	49.3	46.2	-3.1	46.9	46.6	-0.3	45.9	46.2	0.3	
75th percentile	59.1	59.0	-0.1	58.3	57.9	-0.4	57.6	57.9	0.3	
		Your Institution			Comp Group 1		Co	omp Group 2		
	70.1	59.1	59.0	70.1	58.3	57.9	70.1	6	57.9	
		<b>6</b> 54.1	51.9		51.5	51.4	١	51.2	51.3	
		49.3	ı		1	1	1		1	
The population mean in the senior year increased by 0.4.		49.3	46.2		46.9	46.6	45.	9	46.2	
	11.9	TFS	CSS	11.9	TFS	CSS	11.9 TF	S	CSS	
ongitudinal Percentage Report										
Total (n)	84	84	-	953	953	-	1,552	1,552	-	
High Construct Score Group	42.9%	35.7%	-7.1%	32.7%	30.8%	-1.9%	30.6%	31.8%	1.2%	
Average Construct Score Group	46.4%	44.0%	-2.4%	48.8%	49.4%	0.6%	48.7%	46.5%	-2.2%	
Low Construct Score Group	10.7%	20.2%	9.5%	18.5%	19.7%	1.3%	20.7%	21.7%	1.0%	
Significance (based on High Score Group)	-		-	-		-	-		-	
		Your Institution			Comp Group 1			omp Group 2		
		High Score Group	)		High Score Group	)	High	n Score Group		
Survey items and estimation "weights":										
Rate yourself on each of the following traits as compared										
with the average person your age:  * Academic ability (3.11)	42.9	9%	35.7%	32	.7%	00.00/		2.	. 00/	
* Self-confidence (intellectual) (1.86)				52	.1 70	30.8%	30.6%		1.8%	
* Drive to achieve (1.63)										
* Mathematical ability (1.60)										
	TF	S	CSS	T	FS	CSS	TFS	(	SS	

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey

# Social Self-Concept CIRP Longitudinal Construct Report All Respondents

					All Respondent	•				
		Your Institution	n		Comp Group 1		Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	84	84	-	951	951	-	1,548	1,548		
Mean	49.2	51.7	2.5	47.2	50.4	3.3	47.8	51.1	3.3	
Standard deviation	8.55	8.01	-	8.95	7.83	-	8.96	8.04		
Significance	-		-	-	***	-	-	***		
Effect size	-	0.31	-	-	0.42	-	-	0.41		
25th percentile	43.6	46.1	2.5	41.0	44.6	3.6	41.8	44.8	3.0	
75th percentile	54.5	55.6	1.1	52.9	54.8	1.9	53.5	54.8	1.3	
	,	our Institution			Comp Group 1		Co	mp Group 2		
	70.4			70.4			70.4			
	_	1 5	55.6			54.8	50	- 5	4.8	
	3	4.5	00.0		52.9	54.0	53.	,	4.0	
	l ,	49.2	<b>5</b> 1.7		1	50.4		47.0	51.1	
The population mean in the senior year increased by 2.9.		T 73.2	ı		47.2		l Y	47.8	l	
The population mean in the senior year increased by 2.3.	4:	3.6	46.1		ı	44.6		, 4	4.8	
	"	J.0			41.0		41.8	3		
	17.4			17.4			17.4			
		FS	CSS		TFS	CSS	TFS	6 0	SS	
ongitudinal Percentage Report										
Total (n)	84	84	-	951	951	-	1,548	1,548		
High Construct Score Group	22.6%	26.2%	3.6%	19.0%	21.0%	2.0%	21.5%	24.7%	3.2%	
Average Construct Score Group	40.5%	51.2%	10.7%	40.7%	51.7%	11.0%	40.6%	49.2%	8.5%	
Low Construct Score Group	36.9%	22.6%	-14.3%	40.3%	27.2%	-13.0%	37.9%	26.2%	-11.79	
Significance (based on High Score Group)	-		-	-		-	-			
	,	our Institution			Comp Group 1		Co	mp Group 2		
		h Score Group			High Score Group			Score Group		
	·	,								
Survey items and estimation "weights":										
Rate yourself on each of the following traits as compared										
with the average person your age:										
* Leadership ability (2.93)										
* Public speaking ability (2.66)	22.6%	2	26.2%	19.0	)%	21.0%	21.5%	24	.7%	
* Self-confidence (social) (2.12)										
					0	000				
	TFS		CSS	TF	5	CSS	TFS	С	SS	

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Social Agency CIRP Longitudinal Construct Report

#### P Longitudinal Construct All Respondents

	,	Your Institution	n		Comp Group 1		Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	87	87	-	975	975	-	1,578	1,578	-	
Mean	49.9	55.5	5.5	49.7	53.4	3.7	49.6	53.2	3.5	
Standard deviation	9.45	9.58	-	8.63	8.95	-	8.78	9.38		
Significance	-	***	-	-	***	-	-	***		
Effect size	-	0.58	-	-	0.42	-	-	0.38		
25th percentile	42.9	48.1	5.2	44.0	47.5	3.5	44.0	47.2	3.2	
75th percentile	57.3	62.0	4.7	55.4	58.9	3.5	55.4	58.9	3.5	
	Y	our Institution			Comp Group 1		Со	mp Group 2		
	76.8			76.8			76.8			
			62.0							
	57	.3	02.0		55.4	58.9	55.4	5	8.9	
			55.5		55.4	1	33.4		ı	
The population mean in the senior year increased by 2.8.	لے ا	49.9	35.5		49.7	53.4		49.6	53.2	
The population mean in the senior year increased by 2.6.		70.0	ı		49.7	1	1		ı	
			48.1		44.0	47.5	44.0	4	7.2	
	42	9			44.0		44.0			
	24.2			24.2			24.2			
	24.2 ———— TF	:S	CSS	24.2	TFS	CSS	Z4.Z TFS	C	SS	
					110	000		· ·		
ongitudinal Percentage Report										
Total (n)	87	87	_	975	975	_	1,578	1,578		
High Construct Score Group	32.2%	49.4%	17.2%	26.7%	43.8%	17.1%	26.7%	43.2%	16.49	
Average Construct Score Group	39.1%	40.2%	1.1%	44.8%	38.9%	-5.9%	44.9%	38.7%	-6.19	
Low Construct Score Group	28.7%	10.3%	-18.4%	28.5%	17.3%	-11.2%	28.4%	18.1%	-10.39	
Significance (based on High Score Group)	-		-	-	***	-	-	***		
					Carra Carra 1		•	0 0		
Survey items and estimation "weights":		our Institution			Comp Group 1 High Score Group			np Group 2 Score Group		
Indicate the importance to you personally of each of the	Hig	h Score Group			riigii Score Group		підії	Score Group		
following:										
* Participating in a community action			40.40/							
program (2.72)			19.4%			43.8%		43.	2%	
* Helping to promote racial	32.2%			26.	70/		26.7%			
understanding (2.61)				20.	1 70		20.1%			
* Becoming a community leader (2.27)										
* Keeping up to date with political										
affairs (1.76)			000			000	TEC	^-	20	
* Influencing social values (1.75)	TFS		CSS	TF	.9	CSS	TFS	C	SS	
* Helping others who are in difficulty (1.61)										

## 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Pluralistic Orientation

### CIRP Longitudinal Construct Report All Respondents

		Your Institution			Comp Group 1		Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
Longitudinal Mean Report										
Total (n)	96	96	-	1,054	1,054	-	1,670	1,670	-	
Mean	49.9	50.0	0.1	49.8	49.5	-0.3	49.4	49.3	-0.1	
Standard deviation	7.80	8.64	-	7.95	7.94	-	8.16	8.40	-	
Significance	-		-	-		-	-		-	
Effect size	_	0.01	-	-	-0.04	-	-	-0.01	-	
25th percentile	45.0	42.7	-2.3	45.0	44.8	-0.2	44.6	44.7	0.1	
75th percentile	54.0	56.2	2.2	55.7	54.5	-1.2	54.9	54.5	-0.4	
	`	our Institution			Comp Group 1		Cor	np Group 2		
	76.8			76.8			76.8			
	54	4.0	56.2		55.7	54.5	54.9	5	4.5	
The population maps in the conjugation recorded by 0.22		49.9	50.0		49.8	ı	J	49.4	49.3	
The population mean in the senior year increased by 0.33	`	49.9	30.0		49.0	49.5	Y	49.4	T 49.3	
	45	5.0	42.7		45.0	44.8	44.6	4	4.7	
	24.2			24.2			24.2			
	TI	FS (	CSS		TFS	CSS	TFS	(	SS	
ongitudinal Percentage Report										
Total (n)	96	96	-	1,054	1,054	-	1,670	1,670	-	
High Construct Score Group	24.0%	29.2%	5.2%	26.1%	24.3%	-1.8%	24.9%	24.4%	-0.5%	
Average Construct Score Group	52.1%	39.6%	-12.5%	49.3%	48.8%	-0.6%	48.5%	47.7%	-0.8%	
Low Construct Score Group	24.0%	31.3%	7.3%	24.6%	26.9%	2.4%	26.6%	27.9%	1.3%	
Significance (based on High Score Group)	-		-	-		-	-			
Survey items and estimation "weights": * Tolerance of others with different beliefs (3.35)	Your Institution High Score Group				Comp Group 1 High Score Group		Comp Group 2 High Score Group			
* Ability to work cooperatively with diverse people (3.14)		20	9.2%	20.4	10/		04.05			
* Openness to having my views challenged (2.76)	24.0%		7.∠ /0	26.1	1%	24.3%	24.9%	24	.4%	
* Ability to see the world from someone else's perspective (2.55)										
* Ability to discuss and negotiate controversial issues (2.11)	TFS	C	SS	TF	S	CSS	TFS	С	SS	

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Habits of Mind

### CIRP Longitudinal Construct Report Men

		Your Institutio	n		Comp Group 1		Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	26	26	-	377	377	-	681	681	-	
Mean	54.6	51.3	-3.3	52.7	51.7	-1.0	51.4	51.6	0.2	
Standard deviation	7.83	3.10	-	8.29	3.82	-	8.69	4.20	-	
Significance	-	*	-	-	*	-	-			
Effect size	-	-1.08	-	-	-0.26	-	-	0.05		
25th percentile	49.1	49.9	0.8	47.7	49.4	1.7	45.8	48.9	3.1	
75th percentile	60.9	53.8	-7.1	57.9	54.3	-3.6	56.6	54.4	-2.2	
The population mean in the senior year increased by 1.7.	Your Institution			Comp Group 1			mp Group 2			
Survey items and estimation "weights":	71.1 <b>I</b> 6	60.9		71.1	57.9		<sup>71.1</sup>   56.6	:		
How often in the past year did you:		1	53.8		57.5	54.3	30.0	,	54.4	
* Support your opinions with a logical argument		<b>o</b> 54.6	• 51.3		<b>o</b> 52.7	<b>9</b> 51.7	<b> </b> •	51.4	<b>9</b> 51.6	
(2.30)	4	9.1	49.9		47.7	49.4	45.0	. 4	8.9	
* Seek solutions to problems and explain them to others (2.25)					41.1		45.8	3		
* Seek alternative solutions to a problem (1.90)										
* Evaluate the quality or reliability of information you	12.4			12.4			12.4			
received (1.73)	Т	TFS	CSS		TFS	CSS	TFS	; (	CSS	
* Ask questions in class (1.50)										
ongitudinal Percentage Report										
Total (n)	26	26	-	377	377	-	681	681		
High Construct Score Group	46.2%	15.4%	-30.8%	39.3%	20.2%	-19.1%	33.5%	21.7%	-11.7%	
Average Construct Score Group	46.2%	84.6%	38.5%	43.5%	76.9%	33.4%	44.1%	74.6%	30.5%	
Low Construct Score Group	7.7%	0.0%	-7.7%	17.2%	2.9%	-14.3%	22.5%	3.7%	-18.8%	
Significance (based on High Score Group)	-		-	-	**	-	-	*		
Survey items and estimation "weights":	,	Your Institution			Comp Group 1		Col	mp Group 2		
(continued)		igh Score Group			High Score Group	)		Score Group		
* Take a risk because you felt you had more to		igii coole cicap					J			
gain (1.39)										
* Seek feedback on your academic work (1.28)										
* Explore topics on your own, even though it was	46.2%	)		00	00/					
not required for a class (1.24)		_		39.	.3%		33.5%			
* Revise your papers to improve your writing						20.2%		7 21	.7%	
(1.15)			15.4%			20.2/0				
* Look up scientific research articles and resources										
(0.73)										
* Accept mistakes as part of the learning process	TFS		CSS	TF	FS	CSS	TFS	C	SS	
(0.69)										

# 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Academic Self-Concept CIRP Longitudinal Construct Report

Men

		Your Institution	n		Comp Group 1		Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	24	24	-	321	321	-	590	590	-	
Mean	55.1	54.2	-0.9	53.0	53.5	0.4	52.6	52.7	0.1	
Standard deviation	8.71	7.25	-	8.73	9.61	-	8.47	9.30	-	
Significance	-		-	-		-	-		-	
Effect size	-	-0.13	-	-	0.04	-	-	0.01	-	
25th percentile	47.4	50.0	2.6	47.0	47.7	0.7	47.5	47.2	-0.3	
75th percentile	63.1	59.2	-3.9	61.0	61.3	0.3	60.0	59.4	-0.6	
		Your Institution			Comp Group 1		Co	omp Group 2		
	70.1	63.1	59.2	70.1	61.0	61.3	70.1 60.	0 (	59.4	
		55.1	54.2		53.0	53.5		52.6	52.7	
		 	50.0		1	1		-	 	
The population mean in the senior year increased by 0.4.		47.4			47.0	47.7	47.	5 4	17.2	
	11.9			11.9			11.9			
		TFS	CSS		TFS	CSS	TF	S (	CSS	
ongitudinal Percentage Report										
Total (n)	24	24	-	321	321	-	590	590		
High Construct Score Group	54.2%	41.7%	-12.5%	39.6%	41.1%	1.6%	35.6%	37.3%	1.7%	
Average Construct Score Group	33.3%	50.0%	16.7%	43.9%	41.4%	-2.5%	46.9%	43.1%	-3.9%	
Low Construct Score Group	12.5%	8.3%	-4.2%	16.5%	17.4%	0.9%	17.5%	19.7%	2.2%	
Significance (based on High Score Group)	-		-	-		-	-			
		Your Institution			Comp Group 1 High Score Group			omp Group 2 n Score Group		
	ŀ	High Score Group	)		rligit Score Group	•	піуі	i Score Group		
Survey items and estimation "weights":	54.2	%								
Rate yourself on each of the following traits as compared			41.7%	39.	6%	41.1%	35.6%	37	7.3%	
with the average person your age:							22.070			
* Academic ability (3.11)										
* Self-confidence (intellectual) (1.86)										
* Drive to achieve (1.63)										
* Mathematical ability (1.60)	TFS	3	CSS	TF	-S	CSS	TFS	C	SS	

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Social Self-Concept CIRP Longitudinal Construct Report

#### RP Longitudinal Construct Rep Men

		Your Institution	1		Comp Group 1		Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
Longitudinal Mean Report										
Total (n)	24	24	-	321	321	-	589	589	-	
Mean	52.0	53.2	1.2	49.1	51.7	2.7	49.7	52.4	2.7	
Standard deviation	9.67	9.39	-	9.20	8.25	-	9.04	8.24		
Significance	-		-	-	***	-	-	***		
Effect size	-	0.12	-	-	0.33	-	-	0.33		
25th percentile	45.3	47.0	1.7	43.6	47.0	3.4	43.6	47.1	3.5	
75th percentile	55.9	60.5	4.6	55.6	57.1	1.5	55.9	57.1	1.2	
		Your Institution			Comp Group 1		Co	omp Group 2		
	70.4		60.5	70.4			70.4			
	5	5.9	00.0		55.6	57.1	55.	9 5	57.1	
		<b>\$</b> 52.0	53.2		1	51.7			52.4	
		<b>Y</b> 32.0	I		49.1	1 31.7	9	49.7	"	
The population mean in the senior year increased by 2.9.		5.3	47.0		ı	47.0			7.1	
		5.3			43.6		43.0	6		
	17.4			17.4			17.4			
		FS	CSS		TFS	CSS	TFS	S (	SS	
ongitudinal Percentage Report				l						
Total (n)	24	24	_	321	321	-	589	589		
High Construct Score Group	37.5%	33.3%	-4.2%	26.2%	28.0%	1.9%	28.9%	29.9%	1.09	
Average Construct Score Group	37.5%	45.8%	8.3%	40.5%	50.8%	10.3%	39.2%	49.4%	10.29	
Low Construct Score Group	25.0%	20.8%	-4.2%	33.3%	21.2%	-12.1%	31.9%	20.7%	-11.29	
Significance (based on High Score Group)	-	20.070	-	-	21.270	-	-	20.1 70	11.2	
	,	Your Institution			Comp Group 1		Co	omp Group 2		
		igh Score Group		ŀ	High Score Group			Score Group		
Survey items and estimation "weights":	37.5%									
Rate yourself on each of the following traits as compared	37.5%	<u>'</u>	33.3%	26.29	%	28.0%	28.9%	29	.9%	
with the average person your age:										
* Leadership ability (2.93)										
* Public speaking ability (2.66)						222			22	
* Self-confidence (social) (2.12)	TFS		CSS	TFS	3	CSS	TFS	C	SS	

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Social Agency CIRP Longitudinal Construct Report

Men

	Y	our Institution			Comp Group 1		Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	23	23	-	330	330	-	604	604		
Mean	49.8	54.1	4.3	49.1	52.0	2.9	48.7	52.0	3.3	
Standard deviation	10.11	9.07	-	9.37	8.69	-	9.20	9.26		
Significance	-		-	-	***	-	-	***		
Effect size	-	0.47	-	-	0.34	-	-	0.36		
25th percentile	44.2	47.5	3.3	43.1	45.9	2.8	42.7	46.0	3.3	
75th percentile	57.3	59.9	2.6	55.0	57.9	2.9	54.4	58.0	3.	
	Υ	our Institution			Comp Group 1		Co	mp Group 2		
	76.8			76.8			76.8 L			
		•	59.9			F7.0		5	8.0	
	57	.3			55.0	57.9	54.4	,	0.0	
			54.1		1	1 500			52.0	
The population mean in the senior year increased by 2.8.	l 🛉	49.8			<b>4</b> 9.1	52.0		48.7	52.0	
	'		47.5						0.0	
	44	.2	47.0		43.1	45.9	42.7	, 4	6.0	
	24.2			24.2			24.2			
	TF	S	CSS		TFS	CSS	TFS	C	SS	
	T			T			1			
ongitudinal Percentage Report										
Total (n)	23	23	-	330	330	-	604	604		
High Construct Score Group	30.4%	43.5%	13.0%	25.2%	36.4%	11.2%	23.8%	37.1%	13.29	
Average Construct Score Group	43.5%	39.1%	-4.3%	41.8%	40.6%	-1.2%	43.0%	41.2%	-1.89	
Low Construct Score Group	26.1%	17.4%	-8.7%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0	
Significance (based on High Score Group)	-		-	-		-	-	**		
Survey items and estimation "weights":	Yo	our Institution			Comp Group 1		Co	mp Group 2		
Indicate the importance to you personally of each of the		h Score Group			High Score Group		High	Score Group		
following:	· ·	·								
* Participating in a community action										
program (2.72)			,							
* Helping to promote racial		43	3.5%			36.4%		37.	1%	
understanding (2.61)	30.4%			25.2	2%		23.8%			
* Becoming a community leader (2.27)				20.2			25.070	_		
* Keeping up to date with political										
affairs (1.76)										
* Influencing social values (1.75)	TFS	(	CSS	TFS	s	CSS	TFS	C	SS	
* Helping others who are in difficulty (1.61)	110		,	11.	•	500	110	Ů,		

# 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Pluralistic Orientation CIRP Longitudinal Construct Report

Longitudinal Constru Men

		Your Instituti	on		C	omp Group 1		Comp Group 2			
Illinois Wesleyan University	TFS	CSS	Change	TFS	S	CSS	Change	TFS	TFS CSS		Change
Longitudinal Mean Report											
Total (n)	26	3 26	-		356	356	-		648	648	-
Mean	51.5	5 52.6	1.1	4	49.8	50.6	0.8	4	49.2	49.9	0.8
Standard deviation	7.80	9.34	-		8.25	8.41	-	8	8.25	8.75	-
Significance		-	-		-		-		-		-
Effect size		- 0.12	-		-	0.10	-	<u> </u>	-	0.09	-
25th percentile	45.4				44.8	45.0	0.2		44.5	44.8	0.3
75th percentile	56.	5 59.7	3.2		55.7	55.9	0.2		55.3	55.8	0.5
	Your Institution				Co	omp Group 1			Comp	Group 2	
	76.8			76.8				76.8			
		56.5	59.7		55.	.7	55.9		55.3		55.8
		1	1				•				
The population mean in the senior year increased by 0.33.		<b>o</b> 51.5	52.6		þ	49.8	50.6		<b>4</b>	19.2	49.9
		45.4	45.0		44.	0	45.0		44.5		1 14.8
		70.7	45.0		44.	.0	43.0		44.5	•	+4.0
	24.2			24.2				24.2			
		TFS	CSS		TF	S	CSS		TFS	(	CSS
ongitudinal Percentage Report											
Total (n)	26	5 26	-		356	356	-		648	648	-
High Construct Score Group	34.6%	38.5%	3.8%	27	7.8%	30.1%	2.2%	25	5.2%	27.8%	2.6%
Average Construct Score Group	42.3%	34.6%	-7.7%	46	5.1%	46.3%	0.3%	47	7.5%	46.8%	-0.8%
Low Construct Score Group	23.1%	6 26.9%	3.8%	26	5.1%	23.6%	-2.5%	27	7.3%	25.5%	-1.9%
Significance (based on High Score Group)		-	-		-		-		-		-
Survey items and estimation "weights":		Your Institution				omp Group 1				Group 2	
* Tolerance of others with different beliefs (3.35)		High Score Grou	ıp		High	Score Group			High So	core Group	
* Ability to work cooperatively with diverse people (3.14)	2.	1.6%	38.5%				00.40/				
* Openness to having my views challenged (2.76)	J.	+.0 /0			27.8%		30.1%	2	25.2%	27	7.8%
* Ability to see the world from someone else's perspective (2.55)											
* Ability to discuss and negotiate controversial issues (2.11)		TFS	CSS		TFS		CSS		TFS		SS

## 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Habits of Mind

### CIRP Longitudinal Construct Report Women

		Your Institutio	n	Comp Group 1			Comp Group 2				
Illinois Wesleyan University	TFS	CSS	Change	TFS	S	CSS	Change	TF	S	CSS	Change
Longitudinal Mean Report											
Total (n)	74	74	-		758	758	-	1	,120	1,120	-
Mean	53.0	51.4	-1.6		51.6	51.7	0.1		51.3	51.6	0.4
Standard deviation	9.47	4.40	-		8.13	3.94	-		8.39	4.12	-
Significance	-		-		-		-		-		-
Effect size	-	-0.36	-		-	0.03	-		-	0.09	-
25th percentile	47.2	48.6	1.4	,	46.7	49.3	2.6		46.2	48.9	2.7
75th percentile	61.0	54.9	-6.1	;	57.0	54.5	-2.5		56.6	54.6	-2.0
The population mean in the senior year increased by 1.7.		Your Institution				Comp Group 1			Comp	Group 2	
Survey items and estimation 'weights':	71.1	61.0		71.1 <b> </b>	I	57.0		71.1	56.6		-10
How often in the past year did you:		1	54.9			J1.0	54.5		50.0		54.6
* Support your opinions with a logical argument		<b>\$</b> 53.0	<b>5</b> 1.4			<b>\$</b> 51.6	9 51.7		<b>d</b> 5	51.3	<b>51.6</b>
(2.30)		1	•			1	40.0		1		10.0
* Seek solutions to problems and explain them to		47.2	48.6			46.7	49.3		46.2		48.9
others (2.25)											
* Seek alternative solutions to a problem (1.90)											
* Evaluate the quality or reliability of information you	12.4			12.4				12.4			
received (1.73)		TFS	CSS			TFS	CSS		TFS		CSS
* Ask questions in class (1.50)											
Longitudinal Percentage Report											
Total (n)	74	74	-		758	758	-	1	,120	1,120	-
High Construct Score Group	43.2%	24.3%	-18.9%	31	1.9%	20.3%	-11.6%	3	1.5%	21.3%	-10.3%
Average Construct Score Group	41.9%	68.9%	27.0%	49	9.2%	75.9%	26.6%	4	7.6%	74.3%	26.7%
Low Construct Score Group	14.9%	6.8%	-8.1%	18	3.9%	3.8%	-15.0%	2	0.9%	4.5%	-16.4%
Significance (based on High Score Group)	-		-		-	*	-		-	**	-
Survey items and estimation "weights": (continued)		Your Institution High Score Group	)		ŀ	Comp Group 1 High Score Group				Group 2	
* Take a risk because you felt you had more to gain (1.39)  * Seek feedback on your academic work (1.28)		3									
* Explore topics on your own, even though it was	43.2	%									
not required for a class (1.24)					31.9	%			31.5%		
* Revise your papers to improve your writing			24.3%	_	51.0		20.3%		J 1.0 /0	2	21.3%
(1.15)							20.070				
* Look up scientific research articles and resources											
(0.73)											
* Accept mistakes as part of the learning process (0.69)	TFS	3	CSS		TFS	8	CSS		TFS		CSS

# 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Academic Self-Concept CIRP Longitudinal Construct Report

ongitudinal Constr Women

	,	Your Institution			Comp Group 1			Comp Group 2	Group 2	
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	60	60	-	632	632	-	962	962		
Mean	53.6	51.0	-2.7	50.8	50.4	-0.4	50.3	50.5	0.3	
Standard deviation	6.78	8.45	-	7.94	8.23	-	8.08	8.63		
Significance	-		-	-		-	-			
Effect size	-	-0.31	-	-	-0.05	-	-	0.03		
25th percentile	49.3	44.3	-5.0	46.4	46.2	-0.2	45.4	45.7	0.	
75th percentile	58.9	58.5	-0.4	57.3	55.4	-1.9	56.5	56.8	0.	
	Your Institution				Comp Group 1			mp Group 2		
	70.1 <b> </b> 58	3.9	58.5	70.1	57.3		70.1		56.8	
		Ī	1		J7.J	55.4	50.3	) ,		
		53.6	51.0		50.8	50.4		50.3	50.5	
The population mean in the senior year increased by 0.4.	49		44.3		46.4	46.2	45.4	1 4	15.7	
	11.9 LTI	-0	CSS	11.9	TFS	CSS	11.9 TFS	` ,	DSS	
	"	3	000		113	033	11.0	,	,00	
ongitudinal Percentage Report										
Total (n)	60	60	-	632	632	-	962	962		
High Construct Score Group	38.3%	33.3%	-5.0%	29.3%	25.6%	-3.6%	27.5%	28.4%	0.8	
Average Construct Score Group	51.7%	41.7%	-10.0%	51.3%	53.5%	2.2%	49.8%	48.6%	-1.1	
Low Construct Score Group	10.0%	25.0%	15.0%	19.5%	20.9%	1.4%	22.7%	23.0%	0.3	
Significance (based on High Score Group)	-		-	-		-	-			
	Y	Your Institution			Comp Group 1		Comp Group 2			
	High Score Group			High Score Group			High Score Group			
Survey items and estimation "weights":										
Rate yourself on each of the following traits as compared	38.3%	33	3.3%	29.3	20%	0= 00/	07 50/	20	.4%	
with the average person your age:		_		23.0	7,0	25.6%	27.5%		1. <del>4</del> /0	
* Academic ability (3.11)										
* Self-confidence (intellectual) (1.86)										
* Drive to achieve (1.63)	TFS		CSS	TF	ς.	CSS	TFS		SS	
* Mathematical ability (1.60)	113		,00	"	O	000	113	C	00	

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Social Self-Concept CIRP Longitudinal Construct Report

#### RP Longitudinal Construct Women

		Your Institutio	n		Comp Group 1			Comp Group 2		
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	60	60	-	630	630	-	959	959	-	
Mean	48.1	51.1	3.0	46.2	49.7	3.5	46.7	50.3	3.6	
Standard deviation	7.87	7.39	-	8.67	7.53	-	8.72	7.82	-	
Significance	_	*	-	-	***	-	-	***	-	
Effect size	-	0.40	-	-	0.47	-	-	0.46	-	
25th percentile	42.5	46.1	3.6	40.4	44.6	4.2	41.0	44.6	3.6	
75th percentile	52.9	54.8	1.9	51.9	54.8	2.9	52.4	54.8	2.4	
		Your Institution			Comp Group 1		Co	mp Group 2		
	70.4			70.4			70.4			
		52.9	54.8		51.9	54.8	52.4	4 5	4.8	
		ı	<b>5</b> 1.1		1	1 40 7			50.3	
		<b>4</b> 8.1	T 31.1		46.2	49.7		46.7	1 30.3	
The population mean in the senior year increased by 2.9.		1	46.1		l	11.6	I	4	4.6	
		42.5	10.1		40.4	44.6	41.0	) 4	4.0	
	17.4			17.4			17.4			
		TFS	CSS		TFS	CSS	TFS	s C	SS	
ongitudinal Percentage Report										
Total (n)	60	60	_	630	630	_	959	959		
High Construct Score Group	16.7%	23.3%	6.7%	15.4%	17.5%	2.1%	17.0%	21.5%	4.5%	
Average Construct Score Group	41.7%	53.3%	11.7%	40.8%	52.2%	11.4%	41.5%	49.0%	7.5%	
Low Construct Score Group	41.7%	23.3%	-18.3%	43.8%	30.3%	-13.5%	41.5%	29.5%	-12.0%	
Significance (based on High Score Group)	-	20.070	-10.570	-	00.070	-10.570	-	25.570	-12.07	
од		V l			Comp Group 1		Comp Group 2			
	Your Institution High Score Group			High Score Group			High Score Group			
Survey items and estimation "weights":										
Rate yourself on each of the following traits as compared			23.3%					04	E0/	
with the average person your age:	16.79	% <u> </u>	23.3 /0	15.49	%	17.5%	17.0%	21.	5%	
* Leadership ability (2.93)										
* Public speaking ability (2.66)										
* Self-confidence (social) (2.12)	TFS	3	CSS	TFS	;	CSS	TFS	C	SS	

### 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Social Agency CIRP Longitudinal Construct Report

#### Longitudinal Constru Women

	Y	our Institution	l		Comp Group 1 Comp Gro					
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	64	64	-	645	645	-	974	974	-	
Mean	50.0	56.0	6.0	50.0	54.2	4.2	50.2	53.9	3.6	
Standard deviation	9.29	9.78	-	8.21	9.00	-	8.46	9.39	-	
Significance	-	***	-	-	***	-	_	***	-	
Effect size	-	0.61	-	-	0.46	-	-	0.39	-	
25th percentile	41.4	48.8	7.4	44.5	48.4	3.9	44.8	47.8	3.0	
75th percentile	57.5	62.7	5.2	55.5	59.5	4.0	56.0	59.5	3.5	
	Yo	our Institution			Comp Group 1		Co	omp Group 2		
	76.8			76.8			76.8			
			62.7							
	57.		02.7		55.5	59.5	56.	n	59.5	
			56.0		55.5	ı	00.	•	ĺ	
The population mean in the senior year increased by 2.8.		50.0	30.0		50.0	54.2	l 4	50.2	53.9	
The population mean in the senior year increased by 2.6.	l ĭ	30.0	•		<b>Y</b> 30.0	1	1	00.2	ļ	
			48.8		44.5	48.4	44.	8	47.8	
	41.	4			44.3			S		
	24.2			04.0			24.2			
	24.2 LTF	3	CSS	24.2	TFS	CSS	24.2 LTF	3	CSS	
					110	000				
ongitudinal Percentage Report										
Total (n)	64	64	_	645	645	_	974	974		
High Construct Score Group	32.8%	51.6%	18.8%	27.4%	47.6%	20.2%	28.5%	46.9%	18.4%	
Average Construct Score Group	37.5%	40.6%	3.1%	46.4%	38.0%	-8.4%	46.0%	37.2%	-8.8%	
Low Construct Score Group	29.7%	7.8%	-21.9%	26.2%	14.4%	-11.8%	25.5%	15.9%	-9.5%	
Significance (based on High Score Group)	-		-	-	***	-	-	***		
	.,	1 00 0			Comp Group 1		Co	mp Group 2		
Survey items and estimation "weights":		ur Institution Score Group			High Score Group			Score Group		
Indicate the importance to you personally of each of the	Піўі	i Scole Gloup			g 000.0 0.0up		1 1191	r coore croup		
following:										
* Participating in a community action		5	1.6%			47.6%		4,	2.00/	
program (2.72)			- /-			41.070		46	6.9%	
* Helping to promote racial	32.8%			27.4	1%		28.5%			
understanding (2.61)							/ -			
* Becoming a community leader (2.27)										
* Keeping up to date with political affairs (1.76)										
arrairs (1.76) * Influencing social values (1.75)	TFS		CSS	TF	S	CSS	TFS	(	CSS	
* Helping others who are in difficulty (1.61)	11.0	,	000	11	•	500	11 0		,00	

## 2011-2014 CIRP Freshman Survey / 2017 College Senior Survey Pluralistic Orientation CIRP Longitudinal Construct Report

### CIRP Longitudinal Construct Report Women

		Your Institution			Comp Group 1		Ι (	Comp Group 2		
Illinois Wesleyan University	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change	
ongitudinal Mean Report										
Total (n)	70	70	_	698	698	-	1,022	1,022	-	
Mean	49.3	49.0	-0.3	49.8	48.9	-0.9	49.5	48.9	-0.7	
Standard deviation	7.77	8.22	-	7.80	7.62	_	8.10	8.15	-	
Significance	-		-	-	*	_	_		-	
Effect size	-	-0.04	-	-	-0.12	-	-	-0.08	-	
25th percentile	45.0	42.5	-2.5	45.0	44.4	-0.6	44.7	43.5	-1.2	
75th percentile	53.9	55.8	1.9	55.6	53.4	-2.2	54.7	53.9	-0.8	
	,	our Institution			Comp Group 1		Cor	Comp Group 2		
	76.8			76.8			76.8			
	5	3.9	55.8		55.6	53.4	54.7	5	53.9	
			1		1 ,,,				1	
The population mean in the senior year increased by 0.33.	'	49.3	49.0		49.8	48.9	<b>†</b>	49.5	48.9	
	4:	5.0	42.5		45.0	44.4	44.7	4	13.5	
	24.2			24.2			24.2			
	T	FS	CSS		TFS	CSS	TFS	С	CSS	
ongitudinal Percentage Report										
Total (n)	70	70	-	698	698	-	1,022	1,022	-	
High Construct Score Group	20.0%	25.7%	5.7%	25.2%	21.3%	-3.9%	24.7%	22.2%	-2.4%	
Average Construct Score Group	55.7%	41.4%	-14.3%	51.0%	50.0%	-1.0%	49.1%	48.3%	-0.8%	
Low Construct Score Group	24.3%	32.9%	8.6%	23.8%	28.7%	4.9%	26.2%	29.5%	3.2%	
Significance (based on High Score Group)	-		-	-		-	-		-	
Survey items and estimation "weights":	Your Institution High Score Group		Comp Group 1 High Score Group			Comp Group 2 High Score Group				
* Tolerance of others with different beliefs (3.35)  * Ability to work cooperatively with diverse people (3.14)			- 70/							
* Openness to having my views challenged (2.76)  * Ability to see the world from someone else's perspective	20.0%		5.7%	25.2	270	21.3%	24.7%	22.	2%	
(2.55)										
* Ability to discuss and negotiate controversial issues (2.11)	TFS	(	CSS	TF	S	CSS	TFS	C:	SS	