

Open Source Child Development Text and Wiki

**Playing with the texts in a Child Development Course:
Does it impact critical thinking?**

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Sources of information

- ▶ Really expensive or really cheap.

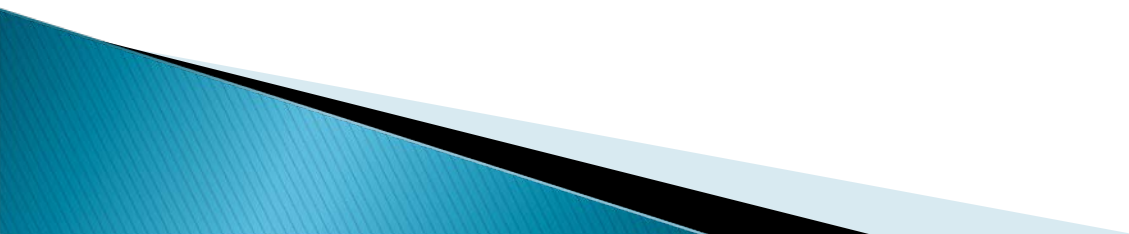
Rethinking texts

Open source vs. published

Paper vs. electronic

Active vs. passive

Plus a whole a lot of other considerations about how you want to teach the topic!



Comparison of CAT scores

Compared two in-class sections of ECHD 2430.

The first group experienced in-class lecture/activities with a custom text.

The second group experienced in-class lecture/activities with blackboard-based resources.



Group A:

CAT Demographics: Descriptive Statistics for Sample

		Freq.	Freq. %
Gender	Male	0	0.0%
	Female	15	100.0%
Class Standing	Freshman	2	12.5%
	Sophomore	8	50.0%
	Junior	5	31.3%
	Senior	1	6.3%
Class	Undergraduate	16	100.0%
	Graduate	0	0.0%
Age	≤ 20 years	15	93.8%
	21-25 years	1	6.3%
	≥ 26 years	0	0.0%

		Freq.	Freq. %
Proficiency with the English Language*	Excellent	13	92.9%
	Very Good	1	7.1%
	Good	0	0.0%
	Fair	0	0.0%
	Poor	0	0.0%

* Self-rated

		Freq.	Freq. %
Race**	White	12	75.0%
	Black or African American	3	18.8%
	American Indian or Alaska Native	0	0.0%
	Asian	1	6.3%
	Native Hawaiian or Other Pacific Islander	0	0.0%
	Other Race	0	0.0%

** The cumulative percent may exceed 100% as students are allowed to select more than one category.

		Freq.	Freq. %
Spanish/Hispanic/Latino Ethnicity	0	0.0%	
Considered English primary language?	15	93.8%	

Group B:

CAT Demographics: Descriptive Statistics for Sample

		Freq.	Freq. %
Gender	Male	1	5.6%
	Female	17	94.4%
Class Standing	Freshman	1	5.9%
	Sophomore	5	29.4%
	Junior	10	58.8%
	Senior	1	5.9%
Class	Undergraduate	16	100.0%
	Graduate	0	0.0%
Age	≤ 20 years	13	72.2%
	21-25 years	5	27.8%
	≥ 26 years	0	0.0%

		Freq.	Freq. %
Proficiency with the English Language*	Excellent	13	76.5%
	Very Good	3	17.6%
	Good	1	5.9%
	Fair	0	0.0%
	Poor	0	0.0%

* Self-rated

		Freq.	Freq. %
Race**	White	14	77.8%
	Black or African American	3	16.7%
	American Indian or Alaska Native	0	0.0%
	Asian	0	0.0%
	Native Hawaiian or Other Pacific Islander	0	0.0%
	Other Race	0	0.0%

**The cumulative percent may exceed 100% as students are allowed to select more than one category.

		Freq.	Freq. %
Spanish/Hispanic/Latino Ethnicity	0	0.0%	
Considered English primary language?	17	94.4%	

Cat score Results:

	<u>n</u>	Min.	Max.	Mean	<u>sd</u>
Group A pre	16	9	21	12.13	2.92
Group A post	16	3	28	13.56	6.48
Group B pre	18	6	21	12.83	4/05
Group B post	13	7	23	13.77	4.25

For the future...

- ▶ Maximize opportunities to use available resources.