

Should I Stay or Should I Go Now?
Efforts, Analyses and Revelations
Related to “Retention” in MOOCs

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Introduction to Psychology

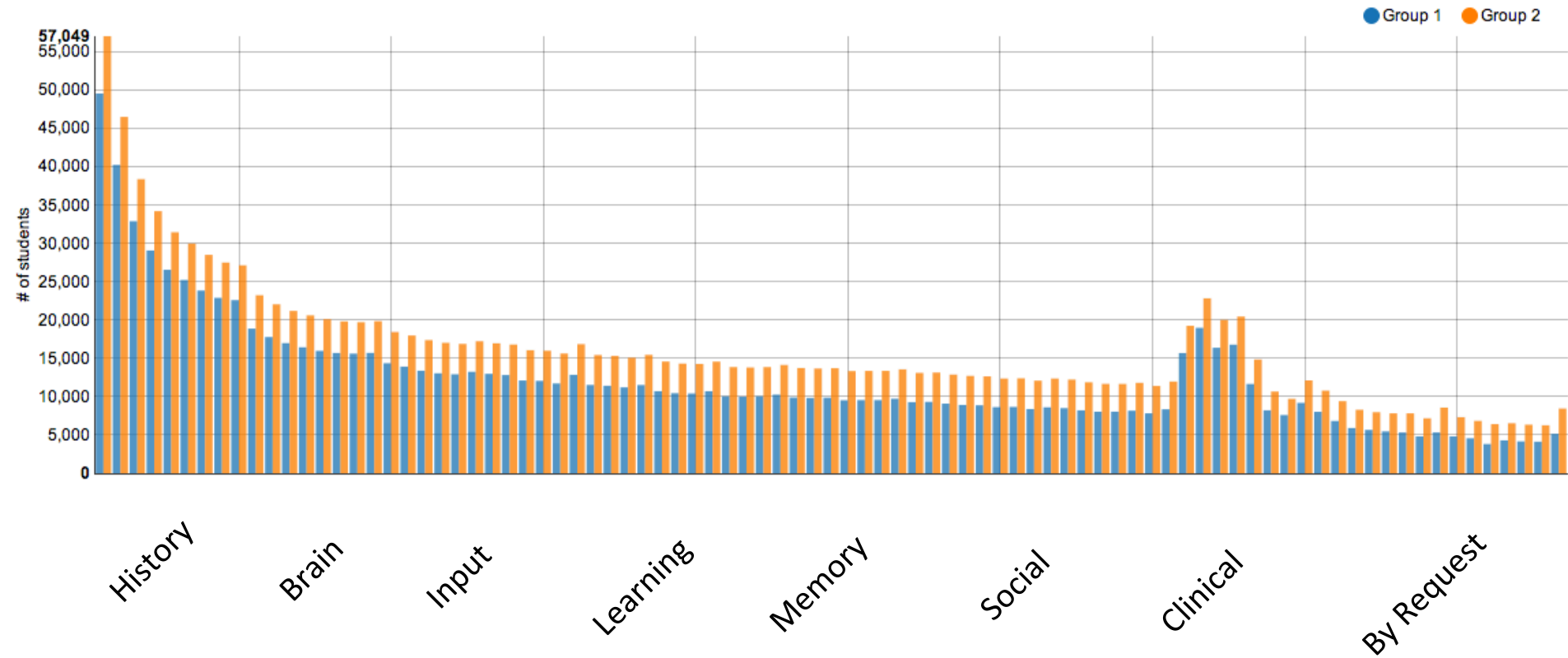


Over 60,000 registered, 16,000 were active throughout, 14,443 certificates

Shameless Attempts to Engage

- Build Community
- Be Interesting
- Be Reactive / Share the Course

Retention Curve (Lectures Watched)



Is Success about Personality?

Trait	Description
O penness	Being curious, original, intellectual, creative, and open to new ideas.
C onscientiousness	Being organized, systematic, punctual, achievement oriented, and dependable.
E xtraversion	Being outgoing, talkative, sociable, and enjoying social situations.
A greeableness	Being affable, tolerant, sensitive, trusting, kind, and warm.
N euroticism	Being anxious, irritable, temperamental, and moody.

Got Certificate
(N > 13000)

$r = 0.02, p < .05$

$r = 0.11, p < .0001$

$r = -0.03, p < .0001$

$r = 0.01$

$r = 0.00$

So, being open to new experiences, being intraverted, and being conscientious are all correlated with getting a certificate ... but not very highly really!


Is Success About Motivation?

Kinds of Motivation	Got Certificate?
Intrinsic (to know)	$r = 0.04, p < .0001$
Intrinsic (to accomplish)	$r = 0.03, p < .001$
Intrinsic (stimulation)	$r = 0.01$
Extrinsic (identified)	$r = 0.02, p < .05$
Extrinsic (introject)	$r = -0.02$
Extrinsic (external)	$r = -0.04, p < .0001$
Amotivational	$r = -0.04, p < .0001$

A Simpler Answer?

Why Did You Leave?	Frequency (percent)
It was your style Joordens, I just wasn't into how you presented the class	23 (4.2%)
It was something specific that you said that bothered me enough to leave the class	4 (0.7%)
After to listening to a bit of the lecture I decided I just wasn't into the material.	11 (2.0%)
It was just life. I signed up with the best of intentions and did watch a little, but just couldn't fit it into my busy life	461 (84%)
I watched a bit, and I kind of liked it, but I just quit it. No real reason	16 (2.9%)

Active Learning

Learning Objectives	Information	Skills
Content		
Critical Thought		
Creative Thought		
Communication		
Self-Reflection		
Collaboration		

My Passion: Finding effective ways of using technology to give develop our core learning objectives at scale, and with minimal logistical “costs”

The Technologies



Harnesses peer and self-assessment to support the development of the



mTuner

Harnesses "Assessment for Learning" research to enhance learning and address misconceptions

Digital Labcoat.



Provides students with a "hands-on" active learning tool for learning the scientific method while exploring their hypotheses on their own data



Research

4. What components of the course do you think were the highly valuable to your future success. Check all that apply

[Create Chart](#) [Download](#)

	Response Percent	Response Count
The Lectures	95.4%	2,952
The Side Dish Videos	41.4%	1,281
The Discussion Forum	20.7%	639
The mTuner quizzes	55.4%	1,714
The Digital Labcoat activity	29.4%	909
The peerScholar activity	39.7%	1,228
The simple feeling of learning and growing with others	60.9%	1,883
	answered question	3,094
	skipped question	21