



国家开放大学
THE OPEN UNIVERSITY OF CHINA

Exploring Continuous Quality Reviews and Enhancements of MOOCs for learners Successes



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Outline

- * **Introduction**
- * **Methodology**
- * **Findings**
- * **Discussion**



Introduction

Background

- the popularity of MOOCs VS. the increasing attention to the quality
- High drop-out rate, the lack of support, out-of-date traditional pedagogy
- For enhancing quality of MOOCs, what standard we could use accessing the quality ?

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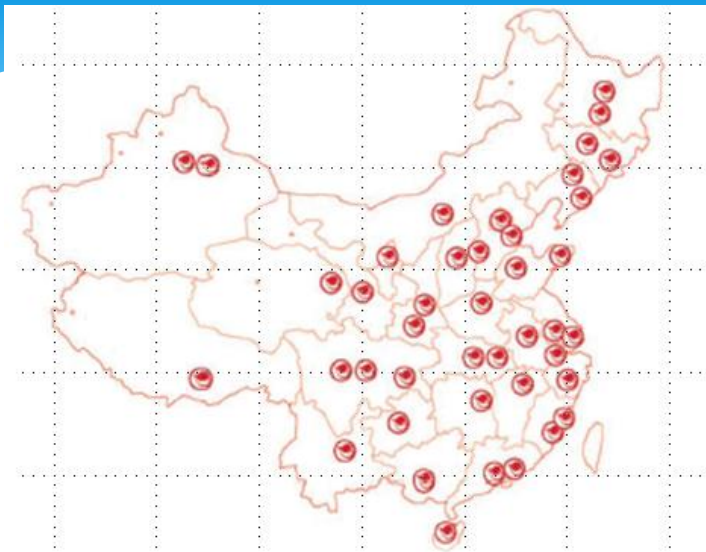
12137



高等数学（一）
朱健民

50260

进行至第4周



OUC 1 headquarter, 45 provincial branch, 4000 learning center all over the country

OUC students 77% part-time , 67% come from base level, 83% age 18-35

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国家开放大学 王立、王娇、杜君、高辉

【证书要求】课程成绩满分为100分。完成全部的课程学习，由授课教师颁发课程结业证书，其中90分及以上者获得合格证...大学MOOC将不再发放免费证书，原有认证证书的申请方式和流程不变。...

4140人参加 进行至第4周

OUC reconstruct 2 online courses , published on China universities MOOC website.

Introduction

Literature review

MOOC by reference online course?

learners' experience

Evaluate the quality according to the reviews from both faculties and learners.

Introduction

Research purpose

This aim of study is to focus on the learners' experience, and construct solutions on MOOCs quality enhancements from learning design, learning support and assessment .

Methodology

Design

An assumption that MOOCs, just like formal online courses

Further, there are likely some things that members of the academy can learn from analyzing MOOCs.

Methodology

Participants

Learners (in and beyond)		Academics(in and beyond)	
students	learners	academics	tutors
200	500	100	20
700		120	

Questionnaire 200 students of OUC and 700 learners from different universities
100 Academics from OUC and 20 online tutors

Methodology

Data analysis

- Two evaluation results will be consistency checked
- adjusts the questionnaire according to the data analysis.

SPSS statistical software is to be applied in data analysis.

The Percentage of Browse of Learning Materials and Learning Activity Utilization have a significant correlation

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.115	.358		.322	.748
	学生活动利用百分比均值	.716	.037	.919	19.523	.000

a. Dependent Variable: 学生资源利用百分比均值

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.919 ^a	.845	.843	2.2766028

a. Predictors: (Constant), 学生活动利用百分比均值

2016-2017 , 2 Terms

The Percentage of Browse of Learning Materials and Assignment Submission have a significant correlation

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.908 ^a	.825	.822	2.4184476

a. Predictors: (Constant), 学生提交作业百 (quiz) 分比均值

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.229	.378		.607	.546
	学生提交作业百 (quiz) 分比均值	.392	.022	.908	18.160	.000


a. Dependent Variable: 学生资源利用百分比均值

Region	Number of Learners	Browse of Learning materials	Interaction Between Learners	Interaction Between Learners and tutors
Hebei	90	403	1076	2066
Jiangsu	178	1433	10999	9858
Henan	57	453	630	1366
Ningbo	44	355	68	768
.....				

After improvement, and the data of learning activity from online platform revealed that Browse of Learning Materials improved (12.71%), Interaction between Learners and Interaction between Learners and tutors improved(17.42%) .

Main Findings

- Main focus on the quality of MOOCs, should be put on the students learning experience ;
- The key factors of the learning experience are leaning design, learning support, assessments and accessibility, and those consist of the framework of the questionnaire ;

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- There is still a gap between faculties' peer review and students' evaluation of learning experience
 - The quality reviews and enhancements play an important role in the students' learning successes, for the better quality, the process should be implemented continuously after every online course's presentations .

Thanks for your attention!

