

Report on the paper
“The effectiveness of online learning using math-unwir in improving mathematical connection”
by Diki Mulyana, Mochammad Taufan, Luthfiyati Nurafifah
submitted for publication
in JTAM: Jurnal Teori dan Aplikasi Matematika

I find the result of this paper (described in Section C) to be a valuable contribution to the implementation of e-learning (to improve students' (and undergraduate students') mathematical connection ability). I recommend therefore that a revised version of the paper be published in the journal of JTAM: Jurnal Teori dan Aplikasi Matematika.

When the author prepare this revised version, he should correct misprints and some minor mistakes, e.g.

(1) page 3₅,
“(2016)...”
it should be
“(2016a)...”,

(2) page 3₄,
“(2016)...”
it should be
“(2016b)...”,

(4) page 4₁,
“... gain test.”
it should be
“... N-gain test”,

(4) the title of Section C.1 should be “LEARNING ACTIVITY BY USING MATH-UNWIR”,
and

(5) table 2 should be separated into two tables: homogeneity test and independent-samples t-test.

In addition, my main concerns are as follows.

(1) The authors should realize that the conclusion of the homogeneity test should be in the form: the variance of the two populations are equal or not.

(2) Based on the result of the independent-samples t-test, the authors should state the conclusion on the effectiveness of e-learning using math-unwir.

(3) The conclusion of the N-gain test should be in the form: there is (or, there is not) improvement on the mathematical connection ability of students in the experimental class.

(4) The authors state on page 7₁ and page 8¹ that the mathematical connection ability of students in the experimental class falls into a moderate category. We encourage the authors to explain the category.

(5) Please check the grammatical errors throughout the paper.