

NOTE ON REVIEW OF THE BOOK

Statistical Methods for Agricultural and Biological Sciences

S.J. Amdekar

A Review of the book 'Statistical Methods for Agricultural and Biological Sciences' by Dr. Prajneshu has appeared in Volume 72, No. 1, April, 2018, Page 89. It is true, as pointed out by the reviewer also, that there are some typographical errors in the book. Admittedly, the terms 'Fisher t test' and 'null hypothesis is accepted' are incorrect. One of the other errors pointed out is about testing hypothesis about equality of population variances. In the review, it is said that while calculating F ratio numerator has to be larger than denominator. It can be verified from various sources (among others, one can see, 'Probability and Statistics for Engineers and Scientists' by Walpole *et al.* (2013)) that this is not necessary. Ignoring which sample variance is larger/smaller one can calculate F ratio; critical region will be partly at left tail and partly at right tail. So the methodology and calculation in example 4.5 are error free. Thus, there are almost no conceptual errors in the book.

References:

Amdekar S.J. (2014). Statistical Methods for Agricultural and Biological Sciences; Narosa Publishing House.

Prajneshu (2018). Book Review. *Jr. Ind. Soc. Agri. Stat.* 72, 01, 89.

Walpole R.E., Myers R.H., Myers S.L. and Ye K.E. (2013). Probability and Statistics for Engineers and Scientists. Pearson Education India.
