



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_9248
Title of the Manuscript:	Analytical solutions to the fractional Fisher equation by applying the fractional sub-equation method

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The method and results obtained in this article are too trivial to be accepted for publication in BJMCS.	The fractional sub-equation method has been implemented in recent publications in order to obtain new analytical exact solutions for nonlinear fractional differential equations (see for example the references [31,32,52] of the present work). This method is reliable and efficient and gives new solutions including hyperbolic function solutions, trigonometric function solutions, and rational solutions (see Eq. (11) of the present work). Therefore the fractional sub-equation method has shown to be a very powerful method in the research for new exact analytical solutions of nonlinear fractional differential equations. The proposed approach provides a simple and reliable tool for solving many other fractional differential equations. To the best of our knowledge, the analytical exact solutions obtained in this paper have not been reported in the literature, for an arbitrary fractional order of the space and time derivatives involved in the generalized Fisher equation (Eq. (3) of the present work). There are some works where approximated solutions to the time-fractional Fisher equation have been obtained, however in the present work we have considered also space-fractional derivatives. We consider that our new analytical exact solutions cannot be considered as a trivial result. In our conclusions we already have pointed the necessity to obtain new approximated solutions, which could be compared with the analytical exact solutions of the present work. Therefore in further research articles it would be possible to compare the exact solutions here obtained with the results obtained with other methods like ADM, HPM, GDTM, OHPM (see for example the references [54,55] where the comparison between approximated solutions and the exact solutions has to be extended to consider not only the case of time-fractional derivatives but also space fractional derivatives). Included in the conclusion and highlighted in yellow at the lines 239-242 of the manuscript.