



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_14628
Title of the Manuscript:	A Mathematical Model and Simulation of Chlamydia Trachomatis in a Human carrier
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	The authors should explain the following questions: 1. <u>In Equation (3.13), "In our analysis, we are interested only in the first two terms", why?</u> 2. <u>And, why the coefficients of the expression of "x,y,z,v" are same (K_1, K_1^2)?</u> 3. Whether the symbol "K_1" in Equation (3.12) and Equation (3.13) as the same meaning? 4. In the simulation, how to set the parameters and the initial values. And, whether they are meaningful in practice?	We assume the rate of cell infection K_1 is small. So $(K_1)^2, (K_1)^3$ and so on, will tend to zero. That is why we are interested only in the first two terms. The coefficient of x, y, z, v are the same because x, y, z, v are expand in power of K_1. The values of parameters used are chosen from the existing literature reference [2].
<u>Minor</u> REVISION comments	The derivation process should be simplified. Figure 3.13-3.20 and figure 4.1-4.8 are identical.	Our revised manuscript has accounted for this.
<u>Optional/General</u> comments		

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