

Review Form 1.7

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_102866
Title of the Manuscript:	A Review of Estimation Models for Postmortem Interval using Total Body Score and Accumulated Degree Days for Different Geographical Regions
Type of the Article	Review 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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalarrb.com/index.php/ARRB/editorial-policy>)

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes, as knowing the PMI may solve many crimes and could help in identifying unknown assailants. Also it may help in identifying corpses by searching for lost in expected time interval</p> <p>Yes but I suggest to add the word previous (review of previous estimation models....)</p> <p>No, The abstract is concise, incomprehensive, you need to add some details about definitions of accumulated degree days (ADDs) and total body score (TBS).</p> <p>yes</p> <p>yes</p> <p>yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Needs some improvement	
<p>Optional/General comments</p>	<p>overall, the review is good fully described the idea, included majority of previous researches in the topic, but I had some comments:</p> <ol style="list-style-type: none"> 1- The abstract is concise, incomprehensive, you need to add some details about definitions of accumulated degree days (ADDs) and total body score (TBS). 2- You mentioned body temperature changes then entomological approaches and you didn't mention other traditional changes as color changes, hypostasis and rigor mortis. Then you just mentioned later muscle rigidity I think you need to speak with some details about them after temperature changes and before biological changes as they are simple obvious established changes. 3- Your statement (The final stage is livor mortis. This is evident by the presence of bluish-purple coloration around the skin due to gravitational pull of blood vessels) needs to be revised as livor mortis occurs earlier as patches then coalesce 4- Why not you mention validated equations revealed by researchers as Myburgh and his associates and mention its degree of accuracy?. 5- In in tables 7-9, please mark the differences between human and pig changes in bold as shown in the original article of Keough et al. 6- I think you need to add more detailed summery of the review in the conclusion or in separate section entitled summary 7- The review lacks strong recommendations from the authors' point of view to guide further researchers how to overcome previous drawbacks and errors 	

PART 2:

	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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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Reviewer Details:

Name:	Nazih Ramadan
Department, University & Country	Cairo University, Egypt