



SDI Review Form 1.6

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ ACRI_48799
Title of the Manuscript:	A STUDY OF PHYSICAL ACTIVITY LEVELS AND ITS IMPACT ON BODY MASS INDEX (BMI) OF 8-10 YEARS OLD SCHOOL GOING CHILDREN IN MUMBAI
Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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>Ethical clearance taken or not ????</p> <p>Informed consent from obtained or not has not been mentioned as they are from paediatric group who are more vulnerable</p> <p>What statistical analysis has to be mentioned</p> <p>In results section</p> <p>Either table-1 , 2 ,3or fig-1 , 2,3 should be indicated not both</p> <p>In table -1 author has mentioned codes for BMI,nowhere in methodology it has been mentioned & if codes are there reference has to be given.</p> <p>In Table-1 Z score it has to be expressed as <u>+</u> not as <u>to</u>.</p> <p style="text-align: center;">Table 3: Correlation of Average time spent in moderate to high intensity activity with BMI</p> <table border="1" data-bbox="739 772 2047 1272"> <thead> <tr> <th rowspan="2">Average moderate to high intensity activity in Mins/week</th> <th colspan="6">BMI Cutoffs*</th> <th rowspan="2">Total</th> <th rowspan="2">Sig.</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td><60min/wk</td> <td>195</td> <td>6</td> <td>1</td> <td>49</td> <td>24</td> <td>29</td> <td>304</td> <td rowspan="6" style="text-align: center; vertical-align: middle;">.185</td> </tr> <tr> <td>%</td> <td>46.4</td> <td>1.4</td> <td>0.2</td> <td>11.7</td> <td>5.7</td> <td>6.9</td> <td>72.4</td> </tr> <tr> <td>>60min/wk</td> <td>77</td> <td>3</td> <td>0</td> <td>15</td> <td>3</td> <td>18</td> <td>116</td> </tr> <tr> <td>%</td> <td>18.3</td> <td>0.7</td> <td>0</td> <td>3.6</td> <td>0.7</td> <td>4.3</td> <td>27.6</td> </tr> <tr> <td>Total</td> <td>272</td> <td>9</td> <td>1</td> <td>64</td> <td>27</td> <td>47</td> <td>420</td> </tr> <tr> <td>%</td> <td>64.8</td> <td>2.1</td> <td>0.2</td> <td>15.2</td> <td>6.4</td> <td>11.2</td> <td>100.0</td> </tr> </tbody> </table> <p>Now where correlation has been shown i,e the r value.everything has been expressed in percentage which is wrong statistics & how the significance has come is ????</p> <p>Fig-3 is not the diagram for correlation</p> <p>Table 4 : Effect of total METS/mins/week on BMI</p> <table border="1" data-bbox="753 1579 1884 1913"> <thead> <tr> <th>BMI CODES</th> <th>CATEGORY</th> <th>No of Subjects</th> <th>Total METS/MIN/Week for light activity □±□</th> <th>Total METS/MIN/Week for moderate activity □±□</th> <th>Total METS/MIN/Week for vigorous activity □±□</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NORMAL</td> <td>277</td> <td>698.42 ± 495.93</td> <td>1386.88 ± 1994.57</td> <td>132.94 ± 432.68</td> </tr> <tr> <td>2</td> <td>OVERWEIGHT</td> <td>10</td> <td>744.60 ± 462.78</td> <td>1255.20 ± 804.16</td> <td>295.50 ± 519.52</td> </tr> </tbody> </table>	Average moderate to high intensity activity in Mins/week	BMI Cutoffs*						Total	Sig.	1	2	3	4	5	6	<60min/wk	195	6	1	49	24	29	304	.185	%	46.4	1.4	0.2	11.7	5.7	6.9	72.4	>60min/wk	77	3	0	15	3	18	116	%	18.3	0.7	0	3.6	0.7	4.3	27.6	Total	272	9	1	64	27	47	420	%	64.8	2.1	0.2	15.2	6.4	11.2	100.0	BMI CODES	CATEGORY	No of Subjects	Total METS/MIN/Week for light activity □±□	Total METS/MIN/Week for moderate activity □±□	Total METS/MIN/Week for vigorous activity □±□	1	NORMAL	277	698.42 ± 495.93	1386.88 ± 1994.57	132.94 ± 432.68	2	OVERWEIGHT	10	744.60 ± 462.78	1255.20 ± 804.16	295.50 ± 519.52	
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	3	OBESE	1	1122.0 ± -	600.0 ±-	00 ± -	
	4	MIDLY WASTED	65	769.97 ± 440.39	1152.75± 1387.50	103.38 ± 474.28	
	5	MODERATELY WASTED	28	644.93 ± 481.89	667.14± 840.38	29.46 ± 108.35	
	6	SEVERELY WASTED	50	684.32 ± 408.87	1694.04 ± 1598.82	14.04 ± 75.27	
	Total		431	706.16 ± 475.64	1335.57±1800.39	111.47 ± 404.15	
	Sig.			.757	.226	.221	
<p>Mention the statistical analysis,in the table SD values are more compared the mean values ????</p> <p>With the above mentioned comments most of the results & discussion & conclusion will change</p> <p>Always results have to be discussed first then discussion</p>							
Minor REVISION comments							
Optional/General comments							

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)
Are there ethical issues in this manuscript?	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> <p>Yes- Ethical clearance taken or not ????</p> <p>Informed consent from obtained or not has not been mentioned as they are from paediatric group who are more vulnerable</p>	

Reviewer Details:

Name:	Jagadamba A
Department, University & Country	Sri Devaraj Urs Academy of Higher Education and Research, India