



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_40738
Title of the Manuscript:	EFFECT OF BREED AND SEX ON BODY WEIGHT AND LINEAR BODY MEASUREMENTS OF TURKEYS (<i>Meleagris gallopavo</i>)
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)																																																				
Compulsory REVISION comments	<p>The research in is interesting and the methodology used is in relation with data collected.</p> <p>The big problem of the manuscript is about the statistical analysis and the presentation of results. Authors found that, there is significant effect of breed on body weight and measurements (please, see lines 12 to 127). Sex of birds had also significant effect on those characteristics (please, see line 138 to 139). Their interaction also had significant effect on those parameters (please, see line 146 to 147).</p> <p>Due to this significant interaction on the parameters, table 1 and Table 2 must be removed from the manuscript as those tables are in contradiction with the existence of this interaction. Only table 3 will used, but in table 3 statistical analyses will be completely different.</p> <p>At the first step, Male of Norfolk breed will be compared with males of Mammoth breed only (see below).</p> <p>At the second step, The same thing for females (see below).</p> <p>At the third step, between the same breed, male will compared to the female (see below)</p> <p>Table 1. Effect of Turkey breeds and sex on body weight and linear body measurements</p> <table border="1"> <thead> <tr> <th rowspan="2">Treats</th> <th colspan="2">Norfolk</th> <th colspan="2">Mammoth</th> <th rowspan="2">SEM</th> </tr> <tr> <th>Male</th> <th>Female</th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>BW (kg)</td> <td>X_{Aa}[*]</td> <td>K_{Aa}</td> <td>E_{Aa}</td> <td>P_{Aa}</td> <td>A</td> </tr> <tr> <td>NL (cm)</td> <td>X_{Aa}</td> <td>K_{Aa}</td> <td>E_{Aa}</td> <td>P_{Aa}</td> <td>B</td> </tr> <tr> <td>BL (cm)</td> <td>Y_{Aa}</td> <td>K_{Aa}</td> <td>F_{Aa}</td> <td>Q_{Aa}</td> <td>C</td> </tr> <tr> <td>TL (cm)</td> <td>Z_{Aa}</td> <td>L_{Aa}</td> <td>G_{Aa}</td> <td>R_{Aa}</td> <td>D</td> </tr> <tr> <td>SL (cm)</td> <td>T_{Aa}</td> <td>M_{Aa}</td> <td>H_{Aa}</td> <td>S_{Aa}</td> <td>E</td> </tr> <tr> <td>CG (cm)</td> <td>V_{Aa}</td> <td>N_{Aa}</td> <td>I_{Aa}</td> <td>Y_{Aa}</td> <td>F</td> </tr> <tr> <td>WL (cm)</td> <td>U_{Aa}</td> <td>O_{Aa}</td> <td>J_{Aa}</td> <td>Z_{Aa}</td> <td>G</td> </tr> </tbody> </table> <p>* For the same treat and for the same sex, values followed by the same lower letters are not significantly different at (P<0.05). For the same treat and for the same breed, values followed by the same lower letters are not significantly different at (P<0.05).</p> <p>On the other hand, data presented by authors appear strange and need to be observed with caution. For example, in table 1 of the manuscript, mean body weight of Norfolk breed (male and female pooled) is 2.70 ±0.04. In table 3 of the manuscript, Body weights of male and female of the same breed are 4.15 and 2.80, respectively. Mean of 4.15 and 2.80 cannot be lower than 2.80. I think there are some problems about data. Authors will check them.</p>	Treats	Norfolk		Mammoth		SEM	Male	Female	Male	Female	BW (kg)	X _{Aa} [*]	K _{Aa}	E _{Aa}	P _{Aa}	A	NL (cm)	X _{Aa}	K _{Aa}	E _{Aa}	P _{Aa}	B	BL (cm)	Y _{Aa}	K _{Aa}	F _{Aa}	Q _{Aa}	C	TL (cm)	Z _{Aa}	L _{Aa}	G _{Aa}	R _{Aa}	D	SL (cm)	T _{Aa}	M _{Aa}	H _{Aa}	S _{Aa}	E	CG (cm)	V _{Aa}	N _{Aa}	I _{Aa}	Y _{Aa}	F	WL (cm)	U _{Aa}	O _{Aa}	J _{Aa}	Z _{Aa}	G	
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Minor REVISION comments	<p>Line 14 to 15. Methodology. The body weight and linear measurements were taken at interval of two weeks (i.e. day 1, 2, 4, 6, 8, 10, 12, 14, 16,</p>																																																					



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	<p>18 and 20 weeks respectively Why respectively?).</p> <p>Line 28 to 29. Turkey (<i>Meleagris gallopavo</i>) is a source of protein and one of the world most demanded poultry products and it is also consumed in large quantities in Nigeria (please, add source).</p> <p>Title of table 1. Table 1: least square means (\pmSE) of breed effect of Turkey at 20 weeks of age or Body characteristics of two breed turkey at 20 weeks of age. The same remark for title of table 2.</p> <p>Table 1. Please, add unit to the first column (BW, NL, BL, etc.)</p> <p>Table 1. Are authors are sure that there is significant difference between BL=Back length and TL= Thigh length as ruler used for measurement had been gradated in cm, not in mm?</p>	
Optional/General comments		

PART 2:

<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> <p>ANY</p>
<p>Are there competing interest issues in this manuscript?</p>	<p>ANY</p>

Reviewer Details:

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