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Corrigendum

Estimation of main carcass components by using boot-strapping regression method

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Volume 12 (2003), No. 4

Page 729, Results, Table 2

For:

TABLE 2

Ordinary least squares and Bootstrap (B=10 000) parameter estimations and related descriptive statistics for estimation of some main carcass components

Main components	Variables	Ordinary Least Squares Regression						
		$\hat{\beta}$	S.E.($\hat{\beta}_j$)	95% Confidence Interval for $\hat{\beta}$	t	sign	VIF	Durbin Watson
Muscle in carcass (MC)	Intercept	200.043	437.877	-676.79 - 1076.88	0.457	0.650	---	1.787
	MLL, g	3.83	0.378	3.073 - 4.588	10.129	0.000	1.86	
	MN, g	4.81	0.878	3.051 - 6.569	5.476	0.000	1.88	
	N = 60, s^2 = 62013.8, SSE = 3534786.5, F = 195.3							
Bone in carcass (BC)	Intercept	606.418	142.714	320.64 - 892.20	4.249	0.000	---	2.204
	BLL, g	3.647	0.298	3.050 - 4.243	12.245	0.000	1.24	
	BN, g	3.613	0.458	2.696 - 4.531	7.885	0.000	1.24	
	N = 60, s^2 = 13040, SSE = 743277.3, F = 184.6							
Fat in carcass (FC)	Intercept	-6297	798.423	-7895.5 - (-4699.1)	-7.887	0.000	---	1.695
	CW, kg	716.751	42.271	632.136 - 801.365	16.956	0.000	---	
	N = 60, s^2 = 442729, SSE = 26000000, F = 287.507							

Main components	Variables	Bootstrap Regression			
		$\hat{\beta}^*$	S.E.($\hat{\beta}^*$)	95% Confidence Intervals for $\hat{\beta}^*$	95% Percentile Intervals for $\hat{\beta}^*$
Muscle in carcass (MC)	Intercept	214.198	398.996	-567.83 - 996.23	-665.28 - 925.65
	MLL, g	3.808	0.3673	3.088 - 4.528	3.13 - 4.56
	MN, g	4.866	1.1130	2.6845 - 7.0475	2.74 - 7.09
Bone in carcass (BC)	Intercept	605.904	120.904	368.93 - 842.88	370.88 - 851.52
	BLL , g	3.641	0.270	3.11 - 4.17	3.10 - 4.17
	BN, g	3.634	0.441	2.77 - 4.50	2.69 - 4.41
Fat in carcass (FC)	Intercept	-6283	798.2	-7879.4 - (-4686.6)	-7878.7 - (-4702.1)
	CW, kg	716.8	43.91	628.98 - 804.62	629.08 - 803.72

Read:

TABLE 2

Ordinary least squares and Bootstrap (B=10 000) parameter estimates and related descriptive statistics for estimates of main carcass components

Main compo-nents	Variables	Ordinary Least Squares Regression						
		$\hat{\beta}$	S.E.($\hat{\beta}_j$)	95% Confidence Interval for $\hat{\beta}$	t	sign	VIF	Durbin Watson
Muscle in carcass (MC)	Intercept	200.043	437.877	-676.79 - 1076.88	0.457	0.650	---	
	MLL, g	3.83	0.378	3.073 - 4.588	10.129	0.000	1.86	1.787
	MN, g	4.81	0.878	3.051 - 6.569	5.476	0.000	1.88	
	$R^2 = 0.873$, N = 60, $s^2 = 62013.8$, SSE = 3534786.5, F = 195.3							
Bone in carcass (BC)	Intercept	606.418	142.714	320.64 - 892.20	4.249	0.000	---	
	BLL, g	3.647	0.298	3.050 - 4.243	12.245	0.000	1.24	2.204
	BN, g	3.613	0.458	2.696 - 4.531	7.885	0.000	1.24	
	$R^2 = 0.866$, N = 60, $s^2 = 13040$, SSE = 743277.3, F = 184.6							
Fat in carcass (FC)	Intercept	-6297	798.423	-7895.5 - (-4699.1)	-7.887	0.000	---	1.695
	CW, kg	716.751	42.271	632.136 - 801.365	16.956	0.000	---	
	$R^2 = 0.832$, N = 60, $s^2 = 442729$, SSE = 26000000, F = 287.507							

Main compo-nents	Variables	Bootstrap Regression			
		$\hat{\beta}^*$	S.E.($\hat{\beta}^*$)	95% Confidence Intervals for $\hat{\beta}^*$	95% Percentile Intervals for $\hat{\beta}^*$
Muscle in carcass (MC)	Intercept	214.198	398.996	-567.83 - 996.23	-665.28 - 925.65
	MLL, g	3.808	0.3673	3.088 - 4.528	3.13 - 4.56
	MN, g	4.866	1.1130	2.6845 - 7.0475	2.74 - 7.09
Bone in carcass (BC)	Intercept	605.904	120.904	368.93 - 842.88	370.88 - 851.52
	BLL , g	3.641	0.270	3.11 - 4.17	3.10 - 4.17
	BN, g	3.634	0.441	2.77 - 4.50	2.69 - 4.41
Fat in carcass (FC)	Intercept	-6283	798.2	-7879.4 - (-4686.6)	-7878.7 - (-4702.1)
	CW, kg	716.8	43.91	628.98 - 804.62	629.08 - 803.72

Page 732, Results, Figure 2
For:

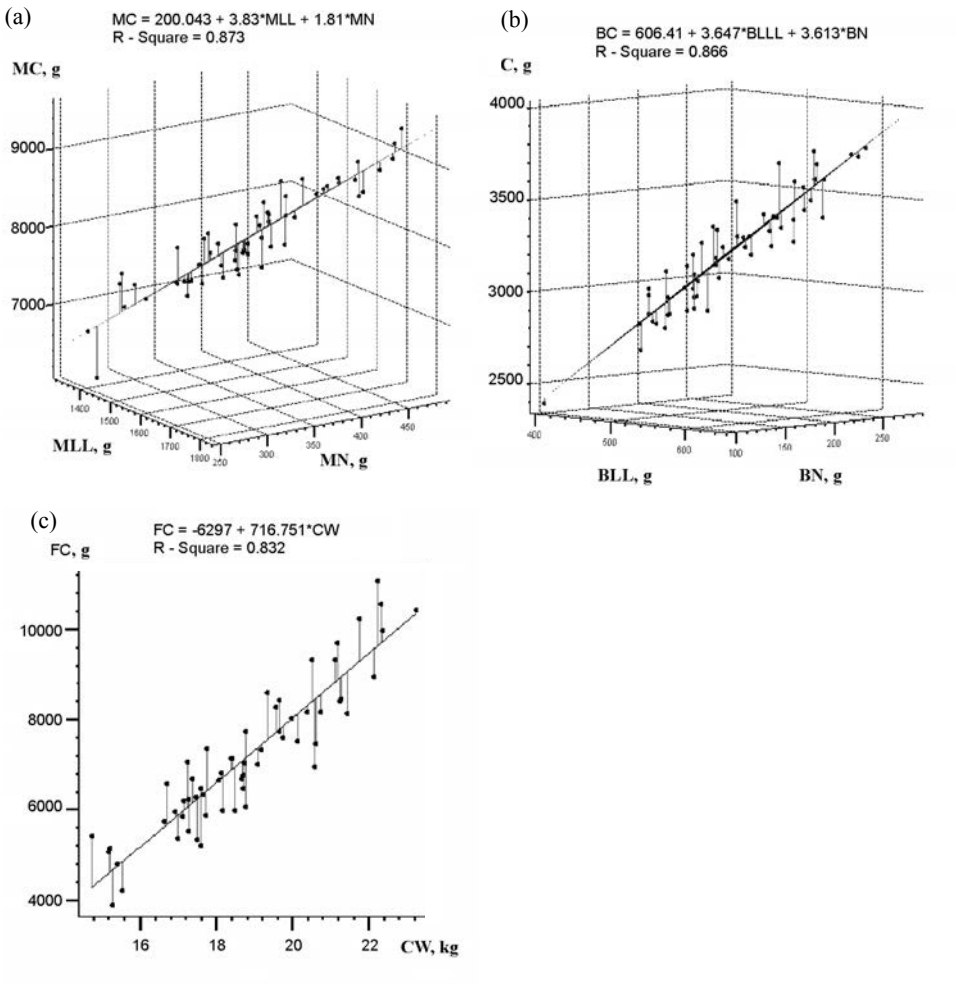

Figure 2. Scatter plots and regression fit line of (a) the MC versus MLL and MN, (b) the BC versus BLL and BN, and (c) the FC versus CW

Read:

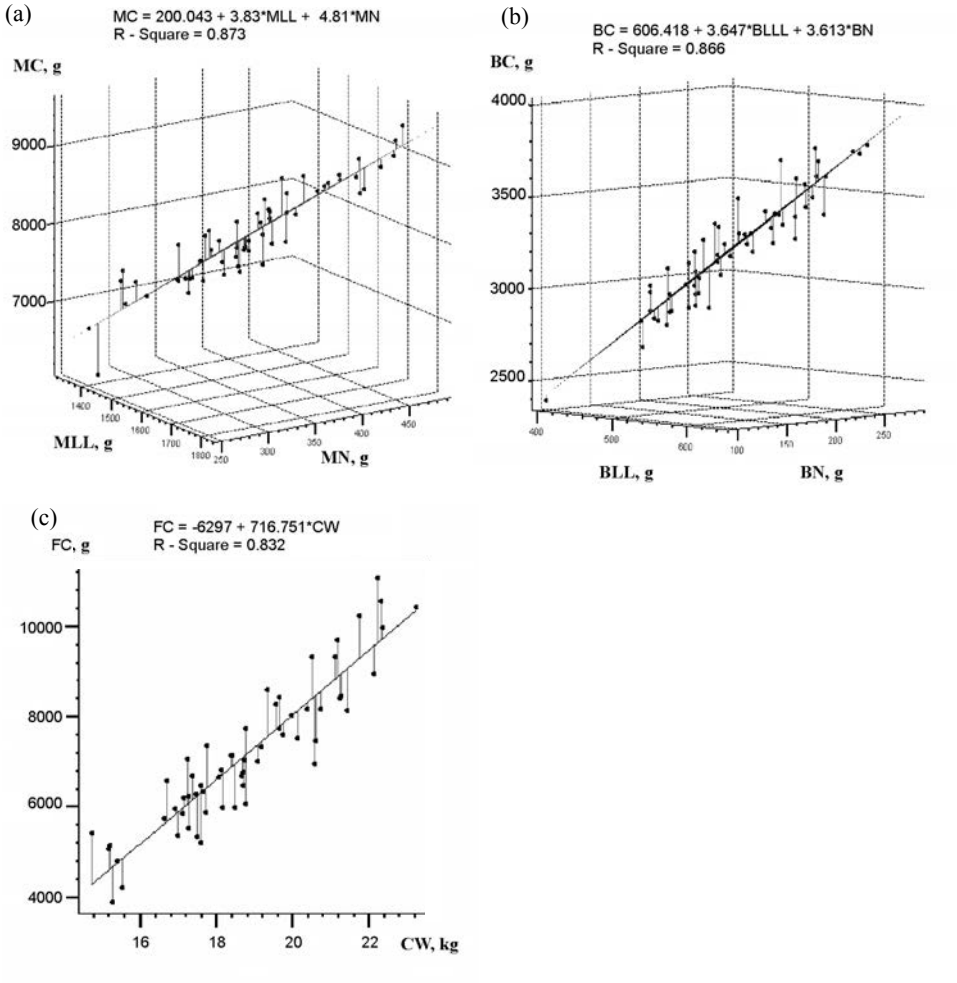

Figure 2. Scatter plots and regression fit line of (a) the MC versus MLL and MN, (b) the BC versus BLL and BN, and (c) the FC versus CW

For	Read
Page 723, footnote	
[1]Corresponding author: e-mail: sahinler@mku.ed.tr	[1]Corresponding author: e-mail: sahinler@mku.edu.tr
Page 723, Abstract, paragraph 2, line 1	
As results, so bootstrap regression method generally smaller standard errors and...	As results, so bootstrap regression method produced generally smaller standard errors and...
Page 725, Material and Methods, paragraph 2, line 5	
were used as variables	were used as regressor variables
Page 728, Material and Methods, paragraph 3, line 4	
A solid vertical	A solid vertical line
Page 730, Results, paragraph 3, line 1	
in Equation 11 is significant (P<0.01)	in Equation 11 is significant (P<0.01) R^2=0.873
The standard errors of the $\hat{\beta}_0$, $\hat{\beta}_1$ and $\hat{\beta}_2$ are 437.877, 0.378 and 0.878, and confidence intervals are (-676.79-1076.88, (3.073-4.588) and (3.051-6.569) and 0.440	The standard errors of the $\hat{\beta}_0$, $\hat{\beta}_1$ and $\hat{\beta}_2$ are 437.877, 0.378 and 0.878, and confidence intervals are (-676.79-1076.88), (3.073-4.588) and (3.051-6.569), respectively.
Page 733, Results, *figure 3*	
Estimated distribution of (a) $\hat{\beta}_0$, (b) $\hat{\beta}_1$ and (c) $\hat{\beta}_2$ (muscle)	Estimated distribution of (a) $\hat{\beta}_0$, (b) $\hat{\beta}_1$ and (c) $\hat{\beta}_1$ for muscle in carcass (B=10 000)
Page 733, Results, *figure 4*	
Estimated distribution of (a) $\hat{\beta}_0$, (b) $\hat{\beta}_1$ and (c) $\hat{\beta}_2$ (bone)	Estimated distribution of (a) $\hat{\beta}_0$, (b) $\hat{\beta}_1$ and (c) $\hat{\beta}_2$ for bone in carcass (B=10 000)
Page 733, Results, *figure 5*	
Estimated distribution of (a) $\hat{\beta}_0$ and (b) $\hat{\beta}_1$ (fat)	Estimated distribution of (a) $\hat{\beta}_0$ and (b) $\hat{\beta}_1$ for fat in carcass (B=10 000)
Page 734, Results, *paragraph 4, line 5*	
According to these results, bootstrap regression method has generally smaller standard errors and...	According to these results, bootstrap regression method produced generally smaller standard errors and...
Page 735, Results, paragraph 3, line 4	
According to these results, bootstrap regression method has generally smaller standard errors and...	According to these results, bootstrap regression method produced generally smaller standard errors and...