

White striping, woody breast and spaghetti meat: Cooccurrence and relationship with breast fillet weight in big broiler chicken flocks

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Electronic Supplementary Material (ESM)

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Table S1. Descriptive statistics of fillets weight (g)

<i>n</i>	Min.	Mean	Median	Max.	Q1	Q3	SD
300	340.1	477.75	473.45	667.5	434.15	516.65	65.08

n = number of observations; Q1 = lower quartile; Q3 = upper quartile; SD = standard deviation

Table S2. Distribution of all woody breast (WB) severity degrees in 10 designed weight groups (g)

Range of weight group (g)	WB0		WB1		WB2		WB3	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
340.1–394.0	16	53.3	7	23.3	4	13.3	3	10.0
394.1–424.0	13	43.3	6	20.0	7	23.3	4	13.3
424.1–442.0	16	51.6	4	12.9	6	19.4	5	16.1
442.1–461.0	9	29.0	5	16.1	11	35.5	6	19.4
461.1–474.0	7	23.3	8	26.7	9	30.0	6	20.0
474.1–492.0	8	28.6	10	35.7	6	21.4	4	14.3
492.1–504.0	5	16.7	7	23.3	13	43.3	5	16.7
504.1–533.0	4	13.3	11	36.7	8	26.7	7	23.3
533.1–570.0	6	20.0	2	6.7	10	33.3	12	40.0
570.1–667.5	ND	ND	4	13.3	8	26.7	18	60.0

ND = not detected; *n* = number of observations; WB0 = WB normal; WB1 = WB mild; WB2 = WB moderate; WB3 = WB severe

Table S3. Distribution of all white striping (WS) severity degrees in 10 designed weight groups (g)

Range of weight group (g)	WS0		WS1		WS2		WS3	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
340.1–394.0	22	73.3	6	20.0	2	6.7	ND	ND
394.1–424.0	16	53.3	12	40.0	1	3.3	1	3.3
424.1–442.0	15	48.4	12	38.7	4	12.9	ND	ND
442.1–461.0	9	29.0	17	54.8	5	16.1	ND	ND
461.1–474.0	9	30.0	12	40.0	8	26.7	1	3.3
474.1–492.0	13	46.4	12	42.9	3	10.7	ND	ND
492.1–504.0	12	40.0	14	46.7	4	13.3	ND	ND
504.1–533.0	12	40.0	4	13.3	12	40.0	2	6.7
533.1–570.0	10	33.3	13	43.3	7	23.3	ND	ND
570.1–667.5	6	20.0	11	36.7	12	40.0	1	3.3

ND = not detected; *n* = number of observations; WS0 = WS normal; WS1 = WS mild; WS2 = WS moderate; WS3 = WS severe

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Table S4. Descriptive statistics of white striping mean myopathy score in weight groups (g)

Range of weight group (g)	<i>n</i>	Mean	Median	SD
340.1–394.0	30	0.33	0.00	0.606
394.1–424.0	30	0.57	0.00	0.728
424.1–442.0	31	0.65	1.00	0.709
442.1–461.0	31	0.87	1.00	0.670
461.1–474.0	30	1.03	1.00	0.850
474.1–492.0	28	0.64	1.00	0.678
492.1–504.0	30	0.73	1.00	0.691
504.1–533.0	30	1.13	1.00	1.042
533.1–570.0	30	0.90	1.00	0.759
570.1–667.5	30	1.27	1.00	0.828

n = number of observations; SD = standard deviation

Table S5. Descriptive statistics of woody breast mean myopathy score in weight groups (g)

Range of weight group (g)	<i>n</i>	Mean	Median	SD
340.1–394.0	30	0.80	0.00	1.031
394.1–424.0	30	1.07	1.00	1.112
424.1–442.0	31	1.00	0.00	1.183
442.1–461.0	31	1.45	2.00	1.121
461.1–474.0	30	1.47	1.50	1.074
474.1–492.0	28	1.21	1.00	1.031
492.1–504.0	30	1.60	2.00	0.968
504.1–533.0	30	1.60	1.50	1.003
533.1–570.0	30	1.93	2.00	1.143
570.1–667.5	30	2.47	3.00	0.730

n = number of observations; SD = standard deviation