

Routine claw trimming data provides insight into the occurrence and recording of claw lesions in Holstein herds in the central region of South Africa

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Online Resource 1

1.1 SAS output: Cross-tabulation of lesion and foot position

Frequency Percent Row Pct Col Pct	Table of lesion by location					
	lesion	location				Total
		LF	LR	RF	RR	
	D	213	1428	228	1224	3093
	5.20	34.84	5.56	29.86	75.46	
	6.89	46.17	7.37	39.57		
	82.56	77.78	76.77	71.66		
F	7	27	20	27	81	
	0.17	0.66	0.49	0.66	1.98	
	8.64	33.33	24.69	33.33		
	2.71	1.47	6.73	1.58		
H	5	96	2	104	207	
	0.12	2.34	0.05	2.54	5.05	
	2.42	46.38	0.97	50.24		
	1.94	5.23	0.67	6.09		
U	8	191	6	210	415	
	0.20	4.66	0.15	5.12	10.12	
	1.93	46.02	1.45	50.60		
	3.10	10.40	2.02	12.30		
W	25	94	41	143	303	
	0.61	2.29	1.00	3.49	7.39	
	8.25	31.02	13.53	47.19		

	9.69	5.12	13.80	8.37	
Total	258	1836	297	1708	4099
	6.29	44.79	7.25	41.67	100.00

1.2 SAS output: Cross-tabulation of lesion and housing

Frequency Expected Deviation Cell Chi-Square Percent Row Pct Col Pct	Table of lesion by housing					
	lesion	housing	COMB	DL	FS	Total
	D	91	671	1042	1804	
		97.622	663.94	1042.4		
		-6.622	7.0595	-0.438		
		0.4491	0.0751	0.0002		
		2.88	21.23	32.97	57.09	
		5.04	37.20	57.76		
		53.22	57.70	57.06		
	E	0	237	509	746	
		40.369	274.56	431.07		
		-40.37	-37.56	77.925		
		40.369	5.1373	14.087		
		0.00	7.50	16.11	23.61	
		0.00	31.77	68.23		
		0.00	20.38	27.88		
	F	2	19	25	46	
		2.4892	16.93	26.581		
		-0.489	2.0703	-1.581		
		0.0962	0.2532	0.094		
		0.06	0.60	0.79	1.46	
		4.35	41.30	54.35		
		1.17	1.63	1.37		
	H	29	56	56	141	
		7.6301	51.893	81.477		
		21.37	4.1066	-25.48		

	59.852	0.325	7.9662	
	0.92	1.77	1.77	4.46
	20.57	39.72	39.72	
	16.96	4.82	3.07	
U	11	113	108	232
	12.554	85.385	134.06	
	-1.554	27.615	-26.06	
	0.1925	8.9313	5.0661	
	0.35	3.58	3.42	7.34
	4.74	48.71	46.55	
	6.43	9.72	5.91	
W	38	67	86	191
	10.336	70.295	110.37	
	27.664	-3.295	-24.37	
	74.045	0.1545	5.3806	
	1.20	2.12	2.72	6.04
	19.90	35.08	45.03	
	22.22	5.76	4.71	
Total	171	1163	1826	3160
	5.41	36.80	57.78	100.00