

**Table S1:** Result of the univariate analysis of factors associated with know (yes/no) FMD, (mixed model)

<b>Variables</b>	<b>Know FMD Yes</b>	<b>Total</b>	<b>Slope parameter</b>	<b>Odds ratio</b>	<b>95% CI</b>	<b>p- value</b>
<b>Sex of respondents</b>						
Male	348	503	0.632	1.881	1.2-2.8	0.003
Female	67	126	Referent			
<b>Respondent province</b>						
Limpopo	107	198	0.634	1.885	1.1-3	0.009
Mpumalanga	308	431	Referent			
<b>Age of respondents</b>						
Other age groups	368	564	Referent			
41-50 years	46	63	0.395	1.48	0.8-2.7	0.201
≤50 years	68	97	0.191	1.21	0.7-2	0.445
>50 years	346	530	Referent			
<b>District of respondents</b>						
Vhembe	68	126	0.584	1.79	0.9-3.2	0.055
Mopani	39	72	0.683	1.97	0.9-3.9	0.053
Ehlanzeni	308	431	Referent			
<b>Respondents' education</b>						
No education	138	246	Referent			
Some education	274	377	0.717	2.04	1.4-2.9	<0.001
<b>Respondent occupation</b>						
Outside livestock	79	126	0.240	1.27	0.6-2.3	0.455
Livestock	298	430	0.508	1.66	0.9-2.9	0.081
Pensioner	38	71	Referent			
<b>Number of cattle</b>						

≤5 cattle	114	191	Referent			
6-9 cattle	88	135	0.201	1.22	0.79-2	0.402
10-15 cattle	100	150	0.231	1.2	0.7-2	0.323
>15 cattle	109	140	0.796	2.2	1.3-3.6	0.002
≤9	202	326	Referent			
>9	209	290	0.401	1.493	1-2.1	0.026
Continuous			0.006	1	0.99-1	0.265
Number of poultry						
0	231	384	Referent			
≤10	59	84	0.333	1.396	0.8-2.3	0.224
11-15	33	45	0.427	1.533	0.7-3.1	0.224
16-25	46	56	1.071	2.918	1.3-6.1	0.005
>25	44	57	0.758	2.133	1.-4.1	0.027
≤15	92	129	Referent			
>15	90	113	0.453	1.574	0.8-2.8	0.137
Poultry farm						
No	231	384	Referent			
Yes	184	245	0.692	1.998	1.4-2.8	<0.001
Continuous			-0.002	0.998	0.9-1	0.544
Number of pigs						
0	374	576	Referent			
≤3	14	18	0.379	1.461	0.4-4.6	0.522
4-5	9	11	0.845	2.327	0.5-11	0.296
6-8	10	12	0.993	2.699	0.6-13	0.213
>8	8	12	0.058	1.060	0.3-3.8	0.929
≤5	23	29	Referent			
>5	18	24	0.234	1.263	0.3-5.2	0.742
Pig farm						
No	374	576	Referent			
Yes	41	53	0.520	1.682	0.8-3.3	0.141

Number of got on farm							
0	258	411	Referent				
≤4	50	62	0.807	2.241	1.1-4.4	0.022	
5-7	35	56	-0.118	0.889	0.5-1.6	0.703	
8-12	30	46	-0.012	0.989	0.5-1.9	0.973	
>12	42	54	0.758	2.135	1-4.3	0.039	
≤7	85	118	Referent				
>7	72	100	0.032	1.032	0.5-1.9	0.920	
Got farm							
No	258	411	Referent				
Yes	157	218	0.345	1.412	0.9-2	0.082	
Number of sheep							
0	405	618	Referent				
≤2	2	3	-0.377	0.686	0.06-8	0.765	
3-6	1	1	12.422	error	0.00	0.981	
7-9	3	3	11.777	error	0.00	0.969	
>9	2	2	12.023	error	0.00	0.974	
≤6	5	6	Referent				
>6	5	5	1.910	6.7	error	0.525	
Sheep farm							
No	405	618	Referent				
Yes	10	11	1.571	4.813	0.6-39	0.141	
Total livestock units							
≤3	131	218	Referent				
4-6	87	137	0.121	1.128	0.7-1.7	0.604	
7-10.2	77	117	0.210	1.234	0.8-2	0.396	
>10.2	120	157	0.746	2.110	1.3-3.4	0.002	
≤6	195	320	Referent				
>6	220	309	0.439	1.551	1-2.1	0.013	

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Continuous	0.041	1.042	1-1.07	0.002
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