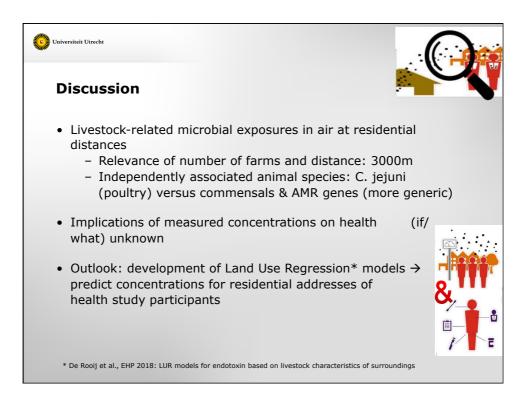


	Commensal (In copies/)		AMR genes (In copies/	m^3)	Pathogenic bacteria (0/1)
	E.coli	Staph spp	tetW	mecA	C. jejuni
Variables (scaled 10 th -90 th percentile)	Exponent of estimate	Exponent of estimate	Exponent of estimate	Exponent of estimate	OR
N poultry weighted to distance in 3000m buffer	1.77*	2.53*	2.41*	3.90*	4.71*
N pigs weighted to distance in 3000m buffer	3.06*	1.90	2.36*	1.86	2.13
N cows weighted to distance in 3000m buffer	0.77	1.21	0.80	1.14	1.22
N horses weighted to distance in 3000m buffer	1.40	2.32	1.55	1.38	0.82
N goats weighted to distance in 3000m buffer	1.14	1.17	1.08	1.16	0.90
N sheep weighted to distance in 3000m buffer	0.87	0.95	0.75	0.76	0.75
N fur animals weighted to distance in 3000m buffer	1.13	1.32	1.20	1.21	0.88
* P-value < 0.05					



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