

## S1 Table

Pathogens with $n$ distinct types, strains or clones	$n$	Observed counts, $O_k$										Total $N$
		0	1	2	3	4	5	6	7	8	9	
Pathogens of <i>Ixodes ricinus</i> ticks	37	147	66	24	18	5	2	-	-	-	-	262
Barley and cereal yellow dwarf viruses	5	1570	224	69	17	6	4	-	-	-	-	1890
Respiratory viruses	11	17630	8568	964	105	15	2	-	-	-	-	27284