

Table S6: Table for the univariate and multivariate odds for the general additive model analysis, for the 731 FRIs initially identified in the review.

	Odds Ratio (95% confidence interval) ²	<i>p</i> ³	Adjusted odds ratio (95% confidence interval) ⁴	<i>p</i> ⁵
Host¹				
Aquatic bird	1		1	
Equine	0.5 (0.08 – 1.59)		0.39 (0.06 – 1.28)	
Human	0.25 (0.20 – 0.32)	<0.001	0.30 (0.23 – 0.39)	<0.001
Other Avian	1.96 (1.41 – 2.68)	<0.001	0.97 (0.68 – 1.35)	
Other	0.63 (0.29 – 1.16)		0.63 (0.29 – 1.18)	
Poultry	2.11 (1.69 – 2.61)	<0.001	1.21 (0.95 – 1.53)	
Swine	3.11 (2.55 – 3.78)	<0.001	2.73 (2.20 – 3.39)	<0.001
Region				
Africa	1.53 (0.72 – 2.84)		1.31 (0.60 – 2.53)	
Asia	1.78 (1.39 – 2.27)	<0.001	2.18 (1.67 – 2.83)	<0.001
Australia	0.35 (0.15 – 0.67)	<0.01	0.53 (0.23 – 1.04)	
China	5.00 (4.18 – 6.00)	<0.001	3.27 (2.66 – 4.03)	<0.001
Europe	2.14 (1.61 – 2.82)	<0.001	1.87 (1.37 – 2.52)	<0.001
Japan	2.71 (1.59 – 4.32)	<0.001	2.61 (1.50 – 4.29)	<0.001
Middle East	0.93 (0.23 – 2.49)		0.73 (0.17 – 2.01)	
Russia	1.38 (0.48 – 3.07)		1.96 (0.68 – 4.43)	
South America	0.28 (0.07 – 0.75)	<0.05	0.87 (0.21 – 2.36)	
US	1		1	
Year				
<1990	1			
1990	0.38 (0.02 – 1.81)			
1991	0.87 (0.26 – 2.17)			
1992	1.12 (0.33 – 2.82)			
1993	1.17 (0.53 – 2.30)			
1994	0.29 (0.07 – 0.81)	<0.05		
1995	0.22 (0.03 – 0.72)	<0.05		
1996	1.00 (0.43 – 2.04)			
1997	2.99 (1.76 – 4.91)	<0.001		
1998	2.59 (1.53 – 4.23)	<0.001		
1999	1.90 (1.21 – 2.92)	<0.01		
2000	1.70 (1.12 – 2.54)	<0.05		
2001	1.31 (0.85 – 1.99)			
2002	1.49 (1.00 – 2.21)	<0.05		
2003	1.02 (0.68 – 1.52)			
2004	0.97 (0.65 – 1.44)			
2005	0.80 (0.55 – 1.16)			
2006	0.89 (0.61 – 1.28)			
2007	0.59 (0.40 – 0.85)	<0.01		
2008	0.68 (0.45 – 1.06)			
2009	0.19 (0.13 – 0.28)	<0.001		
2010	0.48 (0.32 – 0.72)	<0.001		
2011	0.46 (0.28 – 0.74)	<0.01		
2012	0.67 (0.35 – 1.20)			
2013	0.77 (0.04 – 3.75)			

Footnote: ¹ The covariate and each level that was analysed when the analysis was performed. ² The calculated unadjusted odds ratio for reporting inter-subtype reassortants for each covariate. Baseline levels for host, region of isolation and year are indicated in the table. Numbers in brackets indicate confidence intervals at the 95% level. ³ The p-value for each covariate for the unadjusted odds of reporting reassortants, calculated at the 95%

significance level.⁴ The calculated adjusted odds ratio for reporting inter-subtype reassortants for each covariate. Baseline levels for host, region of isolation and year are indicated in the table. Numbers in brackets indicate confidence intervals at the 95% level.⁵ The p-value for each covariate for the adjusted odds of reporting reassortants, calculated at the 95% significance level. We present the results for the univariate analysis for year, where year was treated as a categorical variable.