Legends to the supplementary materials

Manuscript title: Phylodynamic analysis of the highly pathogenic avian influenza H5N8 epidemic in France, 2016-17

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- **S1**. A heat map depicting multi-collinearity between linear predictors of the viral effective population size Ne GLM during the HPAI H5N8 outbreaks of 2016-17 in southwest France. Each cube depicts the range of the Pearson correlation coefficient (ρ) between a pair of predictors. Darker colour represents stronger positive correlations.
- **S2**. Accession numbers and numbers of sequences of the HPAI H5N8 outbreaks of 2016-17 in southwest France. Source: https://doi.org/10.3201/eid2702.202920
- **S3**. Metadata of samples from the HPAI H5N8 outbreaks of 2016-17 in southwest France.
- **S4**. A scatter plot depicting a strong positive Pearson correlation between sample size and case counts in each département during the HPAI H5N8 outbreaks of 2016-17 in southwest France.