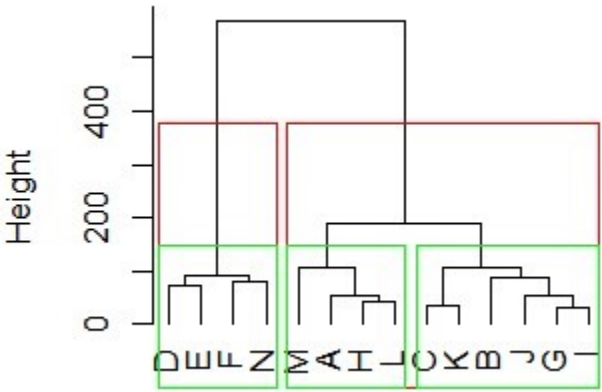
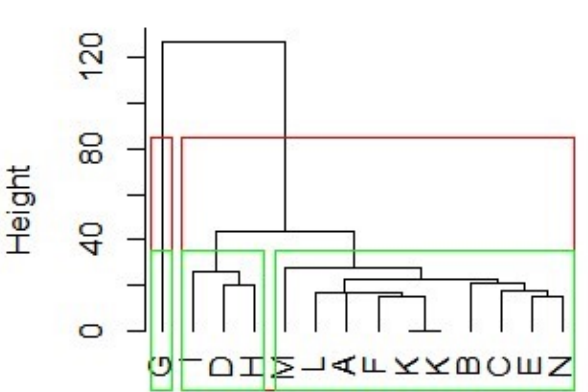


Supplementary data 4: Clustering of farms (for each disease)
using dynamic time warping (DTW)

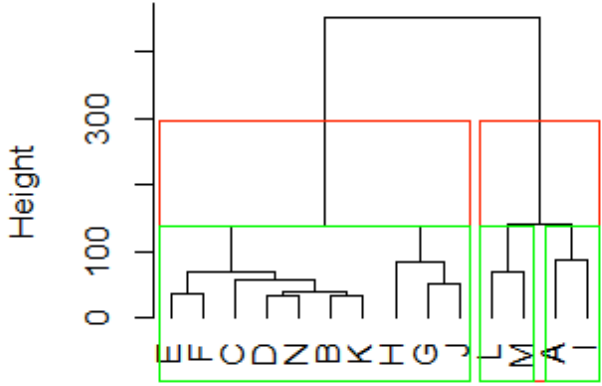
PA



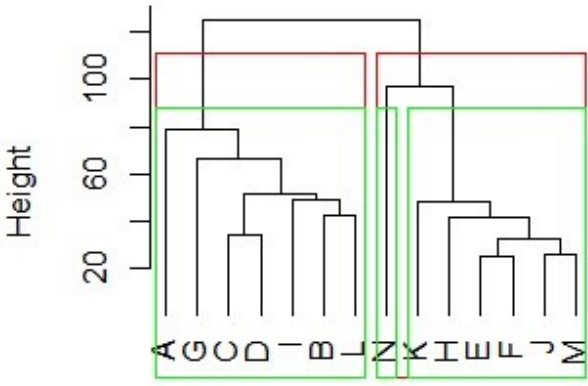
Diaphragmitis



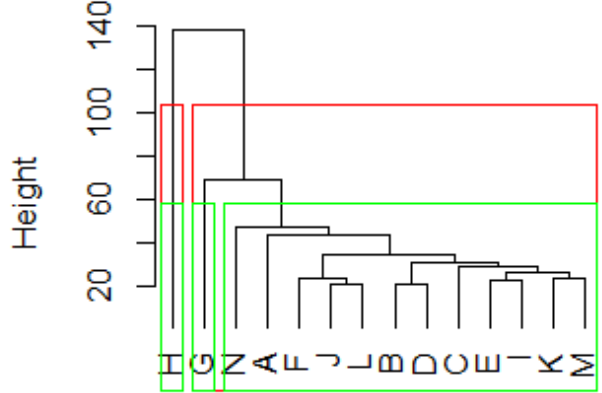
Enteritis



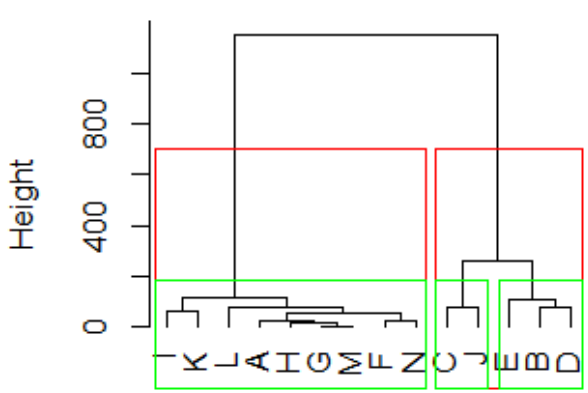
IH



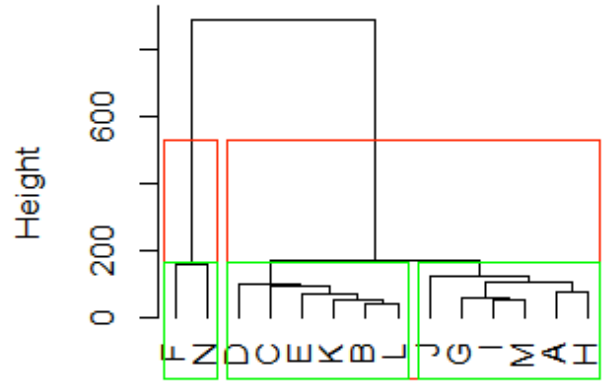
MPS



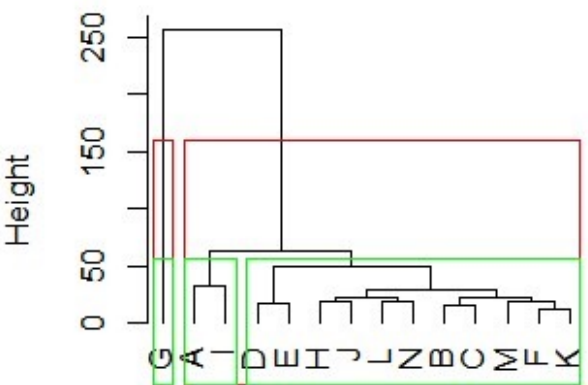
Mycobacteriosis



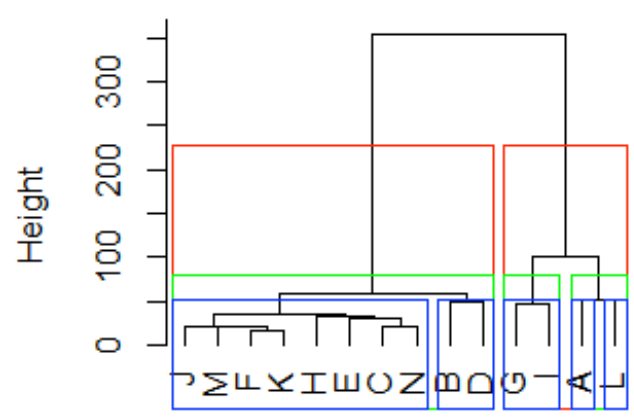
PH



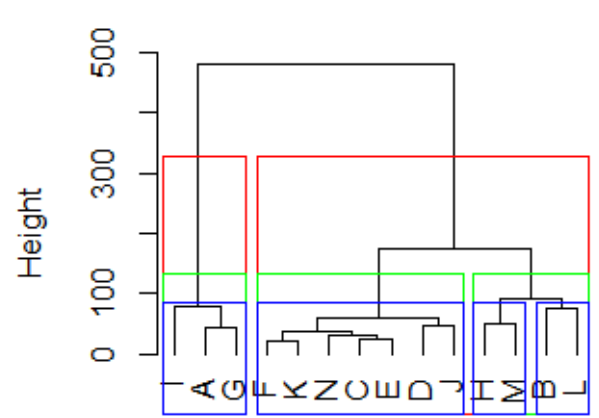
Pericarditis



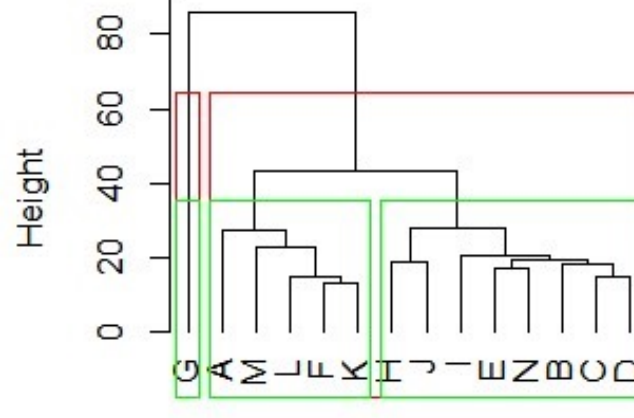
Perihepatitis



Peritonitis



Pleuritis



The figure shows the dendrogram of farm clustering by DTW. A to N on the horizontal axis indicate farms, and the vertical axis indicates distance. Red line indicates classification by 2clusters, green line Indicates classification by 3clusters, and blue line indicates classification when the optimal number of clusters is 4 or more.