

## Supplementary Data

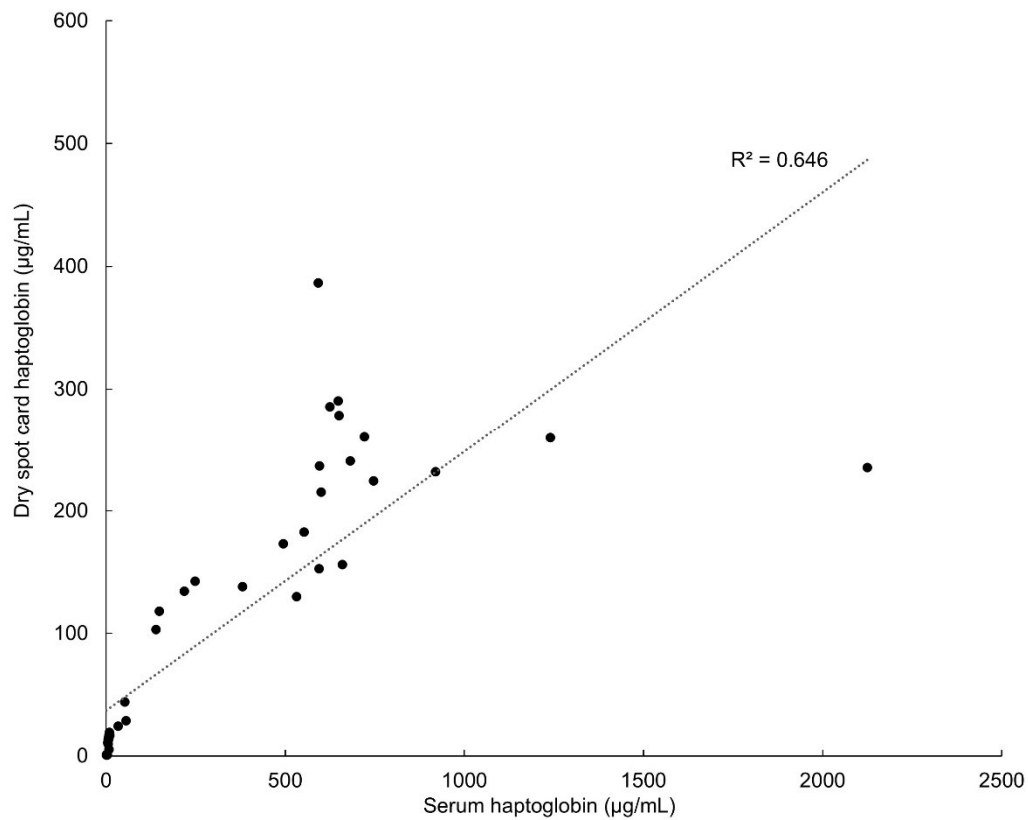


**Figure S1.** Haptoglobin concentration measured from a whole blood dry spot card vs. serum in a study population of cattle (n = 40).

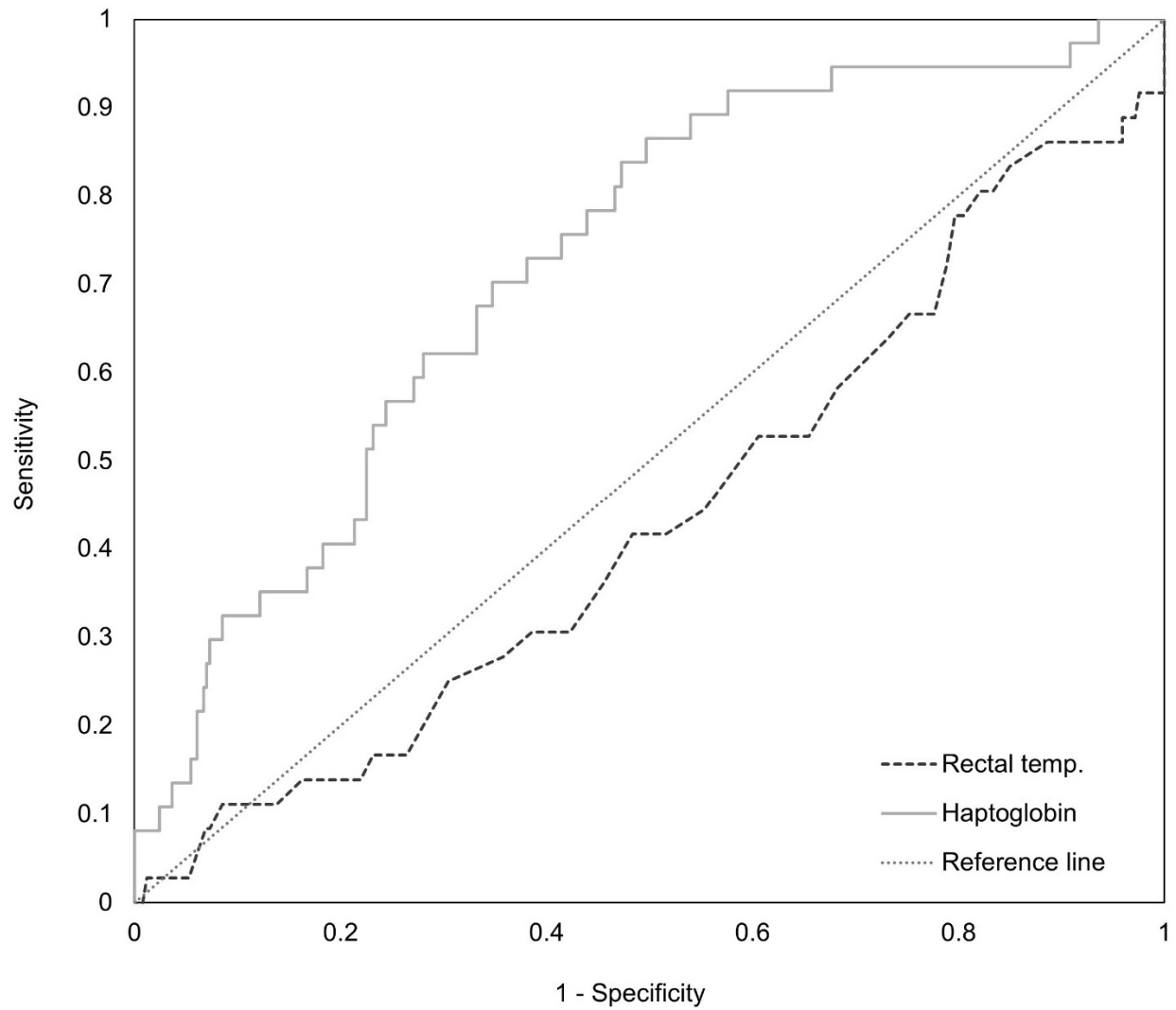


**Figure S2.** Receiver operating characteristic curve for haptoglobin concentration (Hp) or rectal temperature (Rectal temp.) to identify calves that succumbed to death with lesions attributable to respiratory disease or *Histophilus somni*.

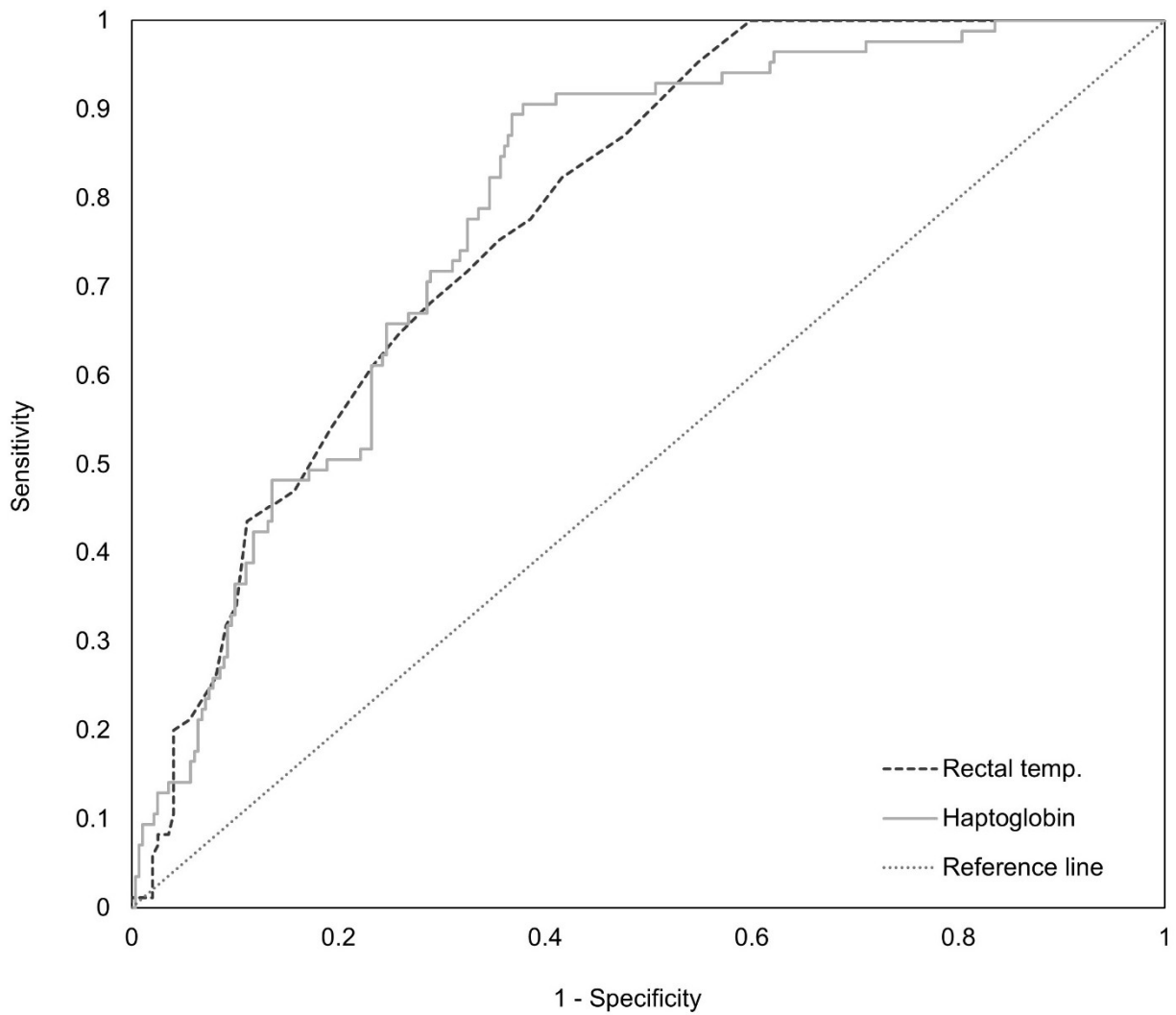


**Figure S3.** Receiver operating characteristic curve for haptoglobin concentration (Hp) or rectal temperature (Rectal temp.) to identify calves that relapsed and required additional antibiotic treatments.