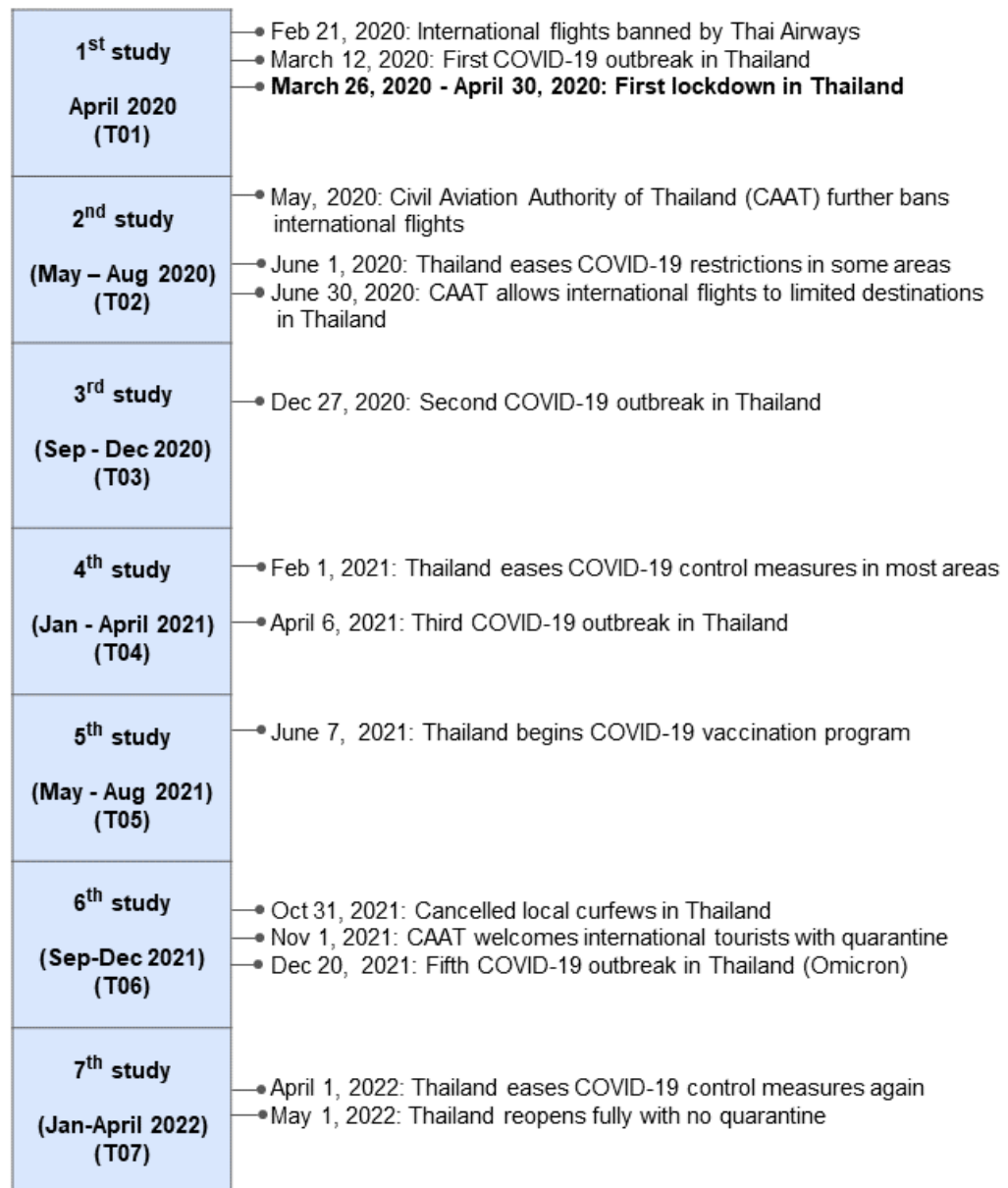


Figures

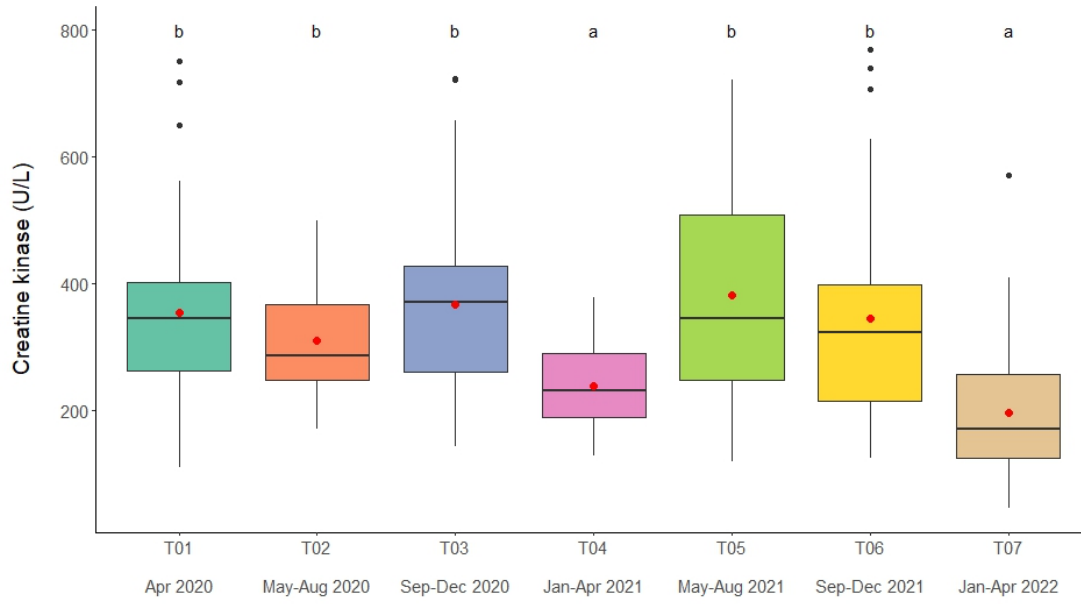
During COVID-19



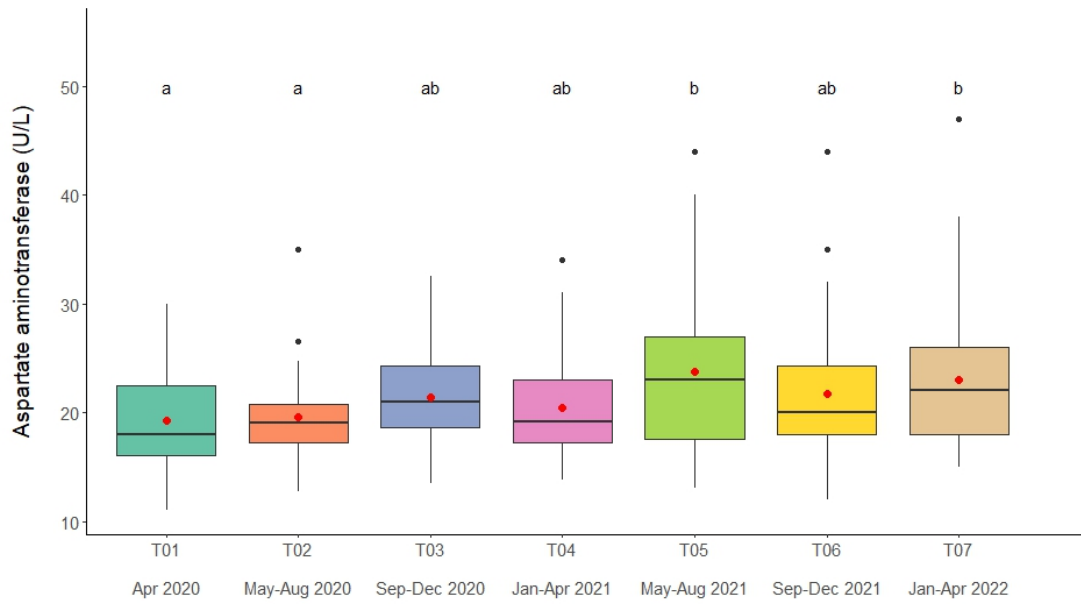
(World Health Organization Thailand, 2022)

Figure 1. Associated events during the COVID-19 pandemic beginning in April 2020 (T01), and across seven periods of management surveys and blood sample collections (T02-T07) during the 2 years of the study from Supanta et al. (12).

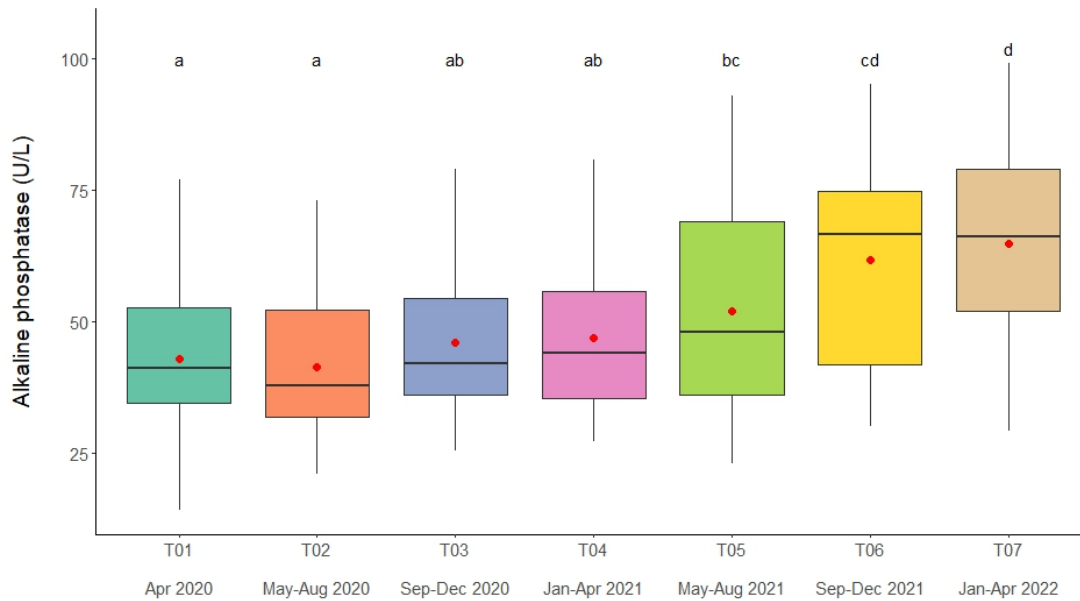
A.



B.



C.



D.

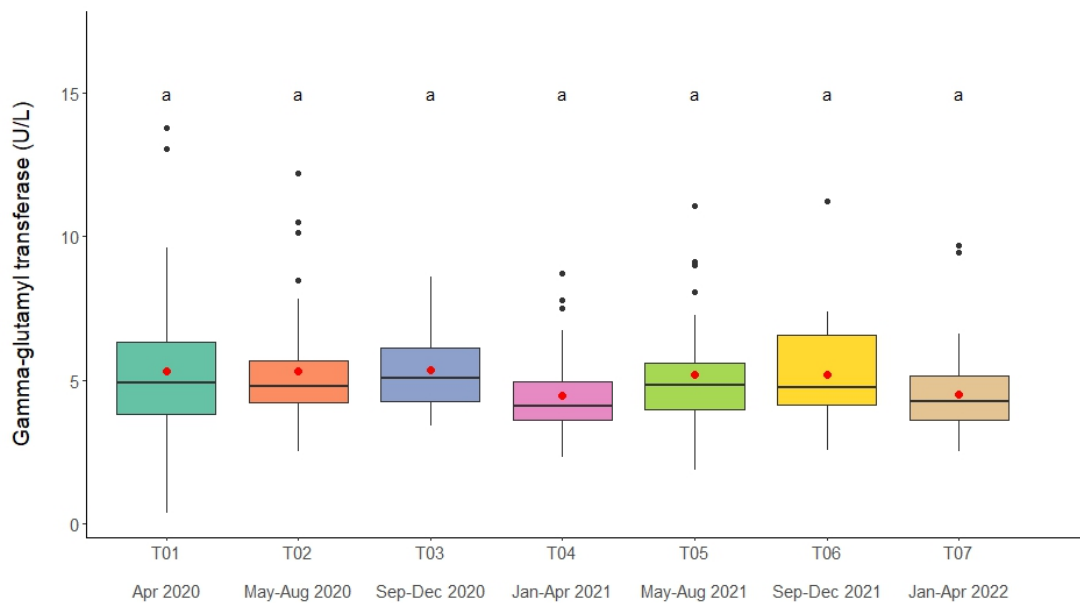
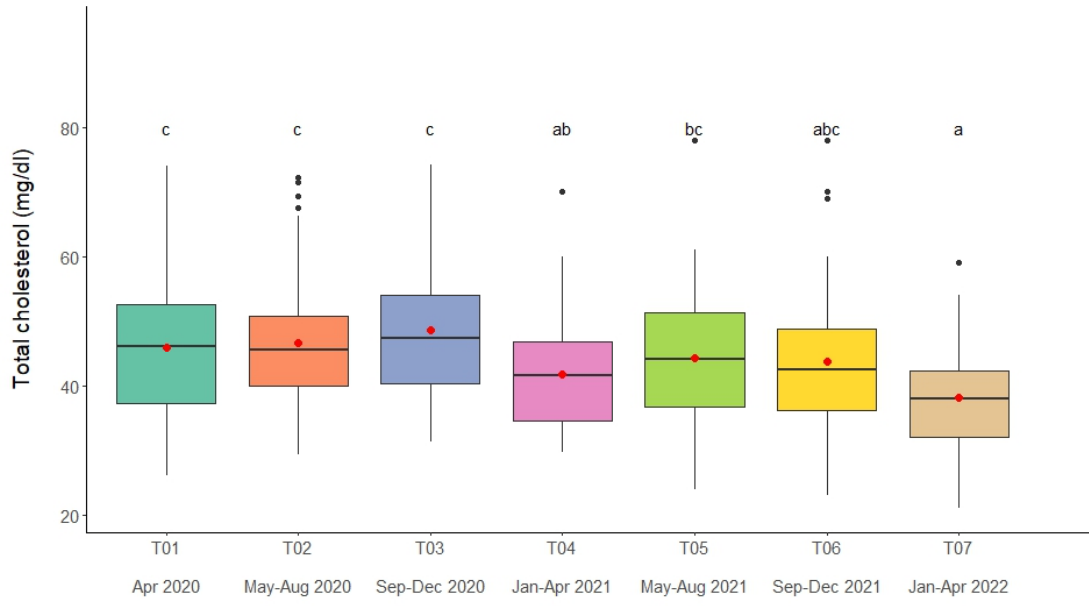
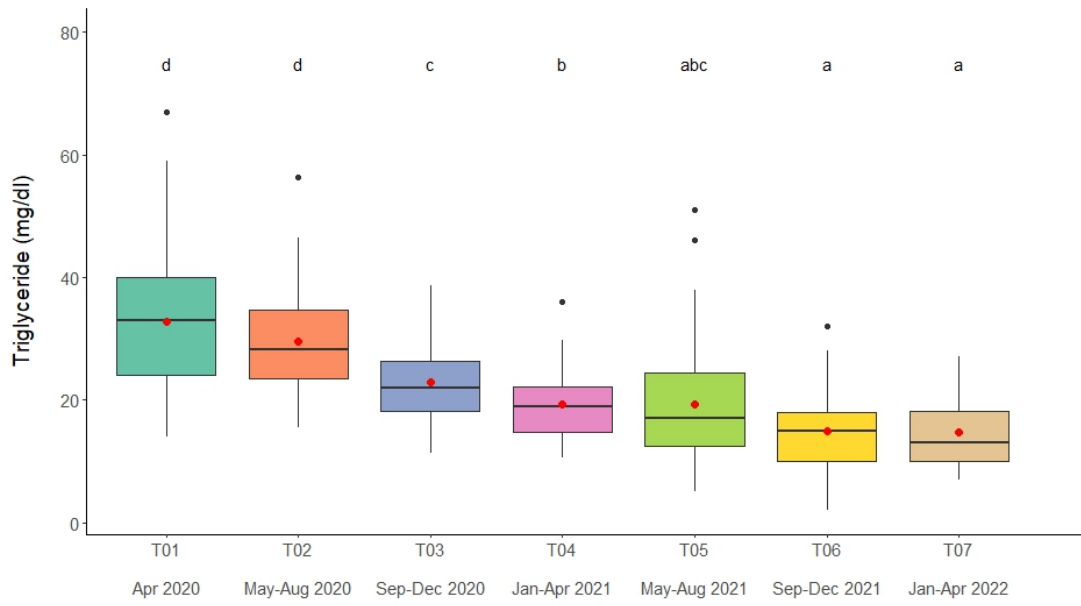


Figure 2. Boxplots of muscle and liver enzyme concentrations, (A) creatine kinase, (B) aspartate aminotransferase, (C) alkaline phosphatase, and (D) gamma-glutamyl transferase in captive Asian elephants (n= 58) over a 2-year period during the COVID-19 pandemic and international travel ban. Each plot shows the median (horizontal line), mean (red dot), 25% and 75% quartile ranges, and minimum and maximum ranges (whiskers). Different letters indicate significant differences between time periods ($P < 0.001$).

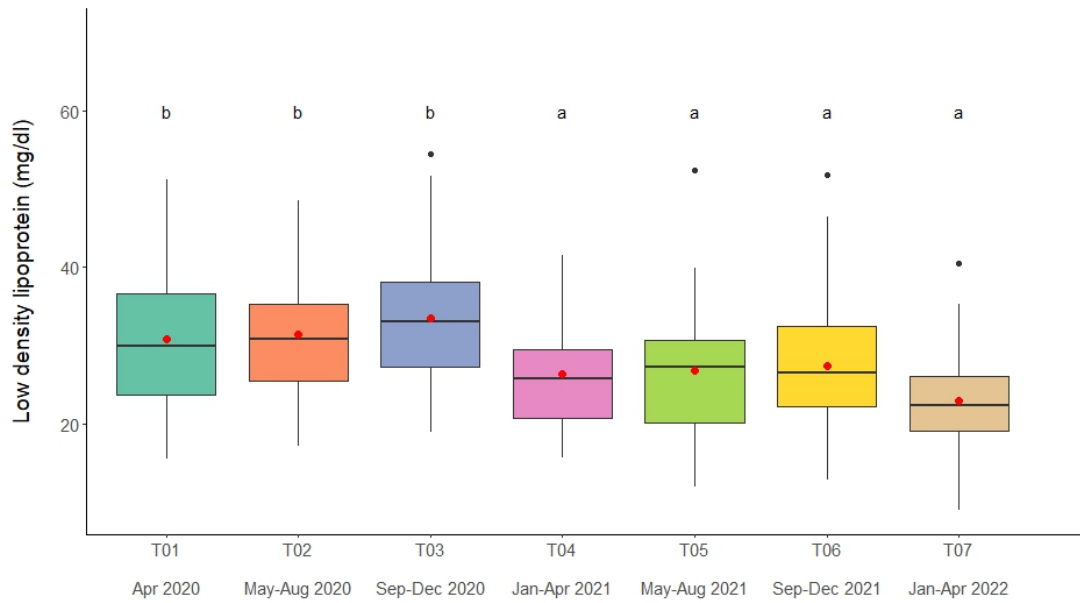
A.



B.



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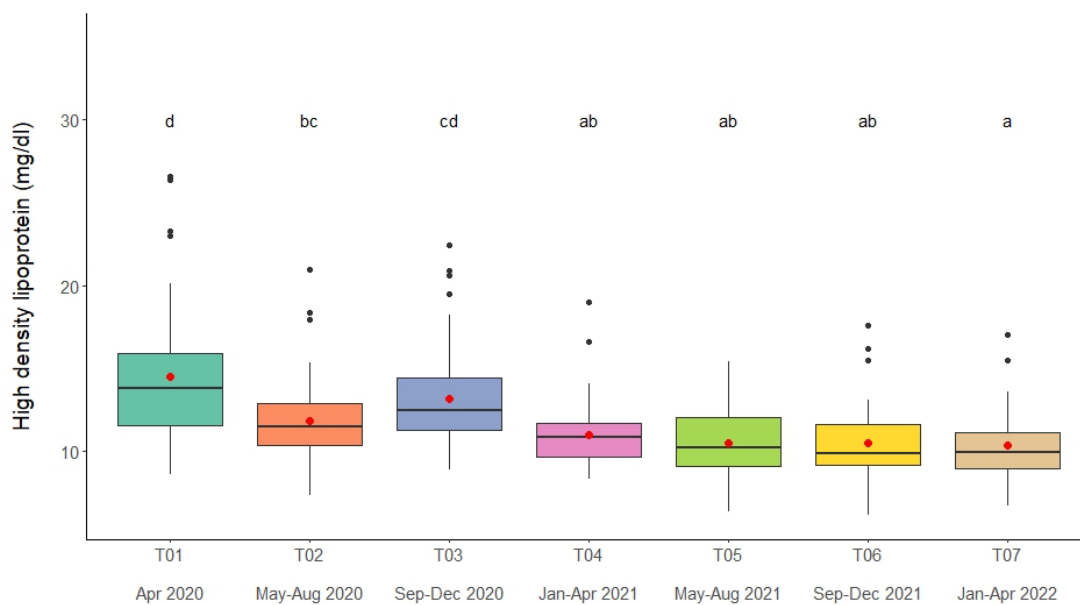
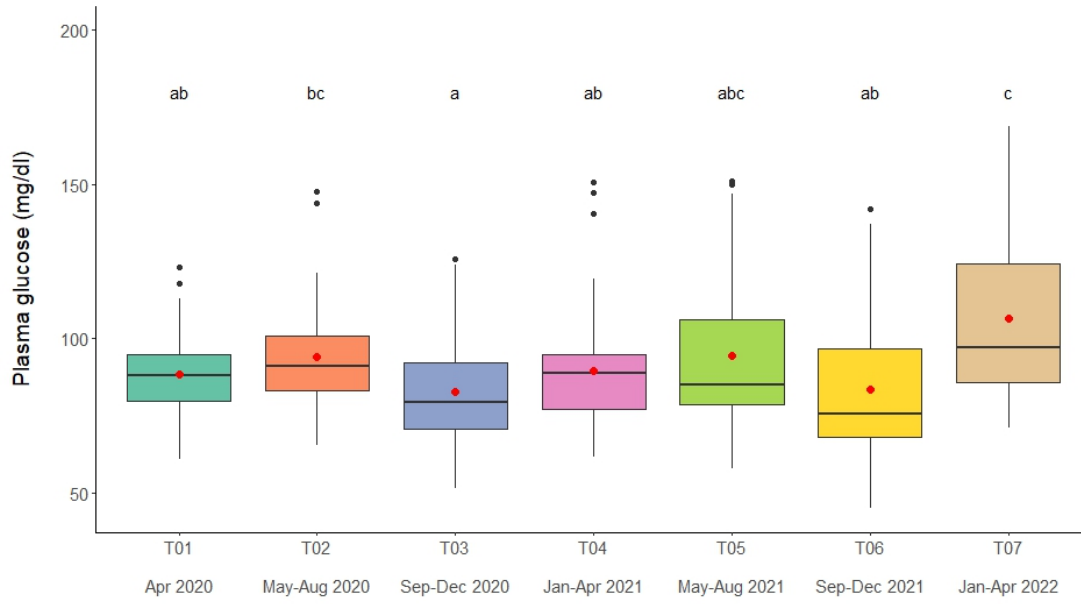
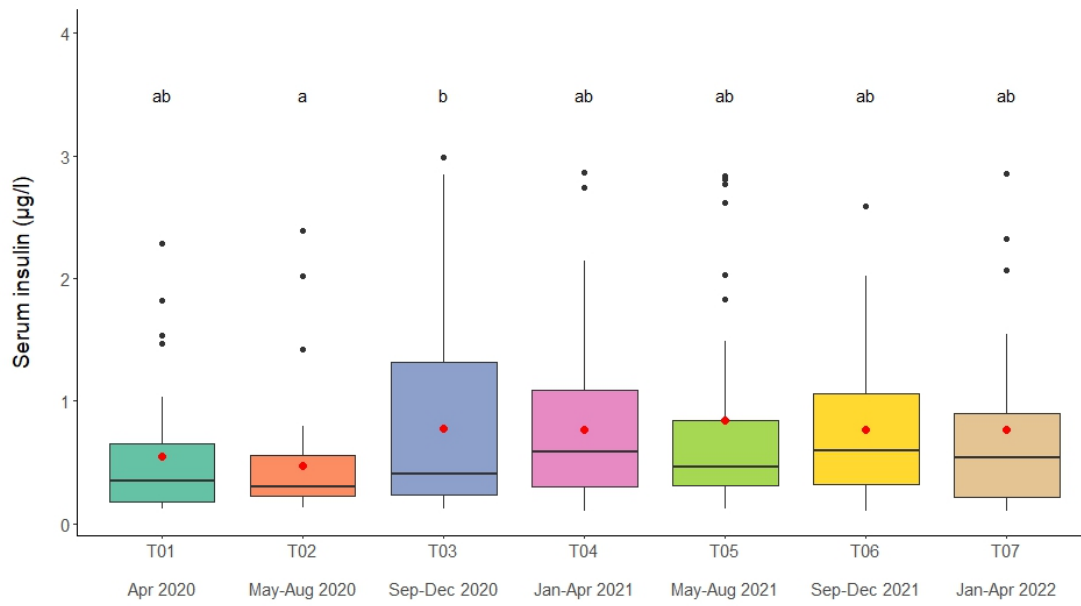


Figure 3. Boxplots of lipid profiles (A) total cholesterol, (B) triglycerides, (C) low density lipoproteins, and (D) high density lipoproteins in captive Asian elephants (n=58) over a 2-year period during the COVID-19 pandemic and international travel ban. Each plot shows the median (horizontal line), mean (red dot), 25% and 75% quartile ranges, and minimum and maximum ranges (whiskers). Different letters indicate significant differences between time periods (P < 0.001).

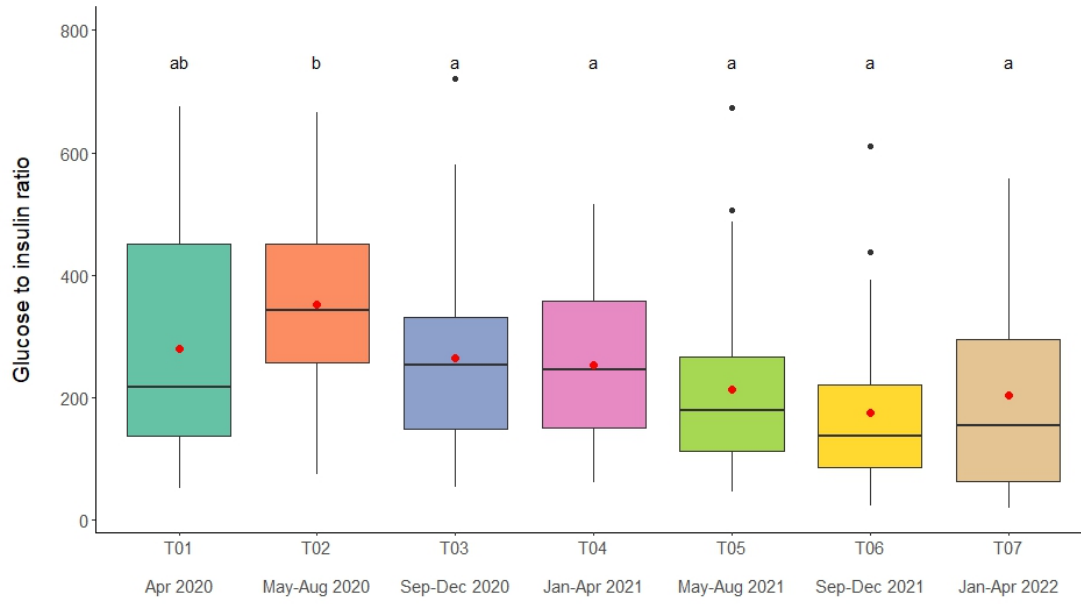
A.



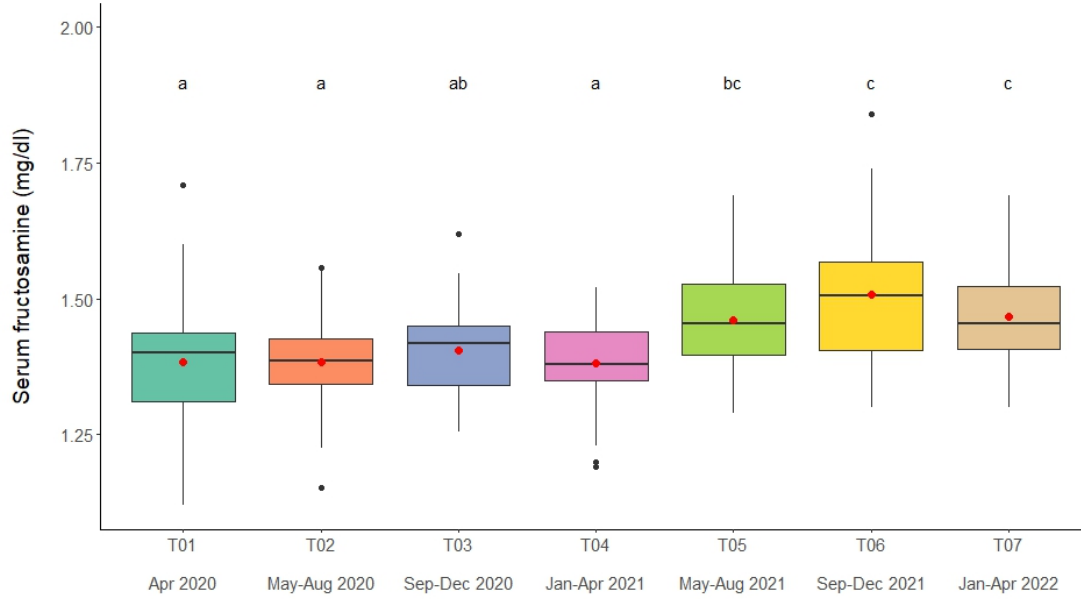
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C.



D.



E.

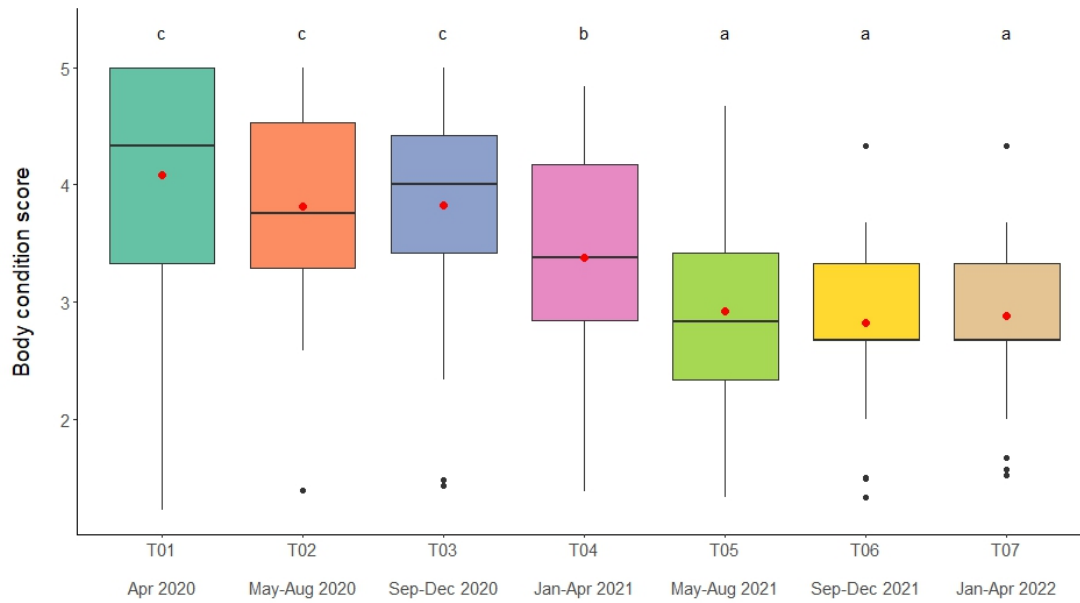


Figure 4. Boxplots of (A) plasma glucose, (B) serum insulin (C) glucose to insulin ratio (D) serum fructosamine and (E) body condition scores in captive Asian elephants (n=58) over a 2-year period during the COVID-19 pandemic and international travel ban. Each plot shows the median (horizontal line), mean (red dot), 25% and 75% quartile ranges, and minimum and maximum ranges (whiskers). Different letters indicate significant differences between time periods ($P < 0.001$).