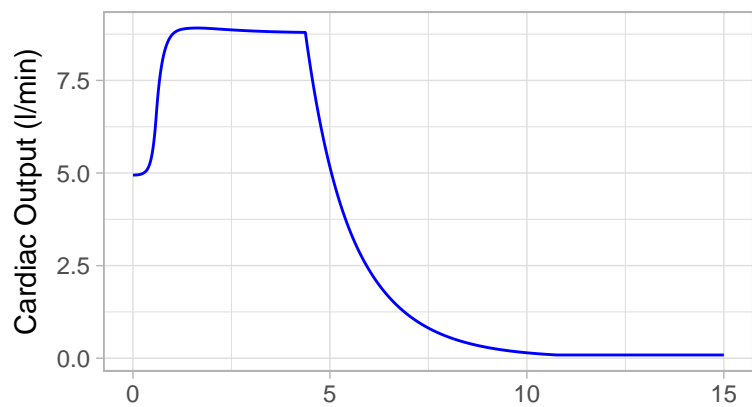
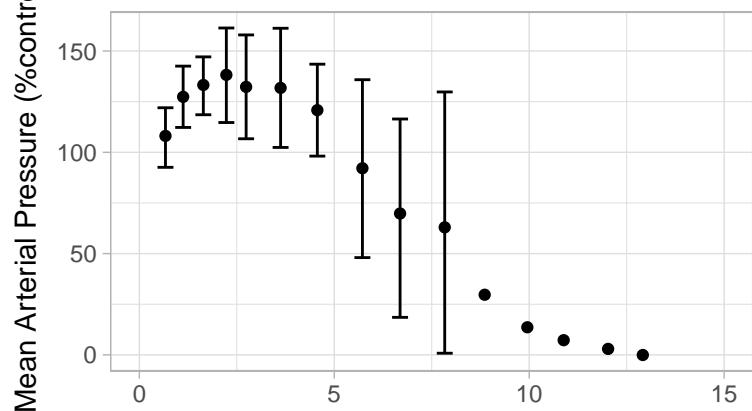


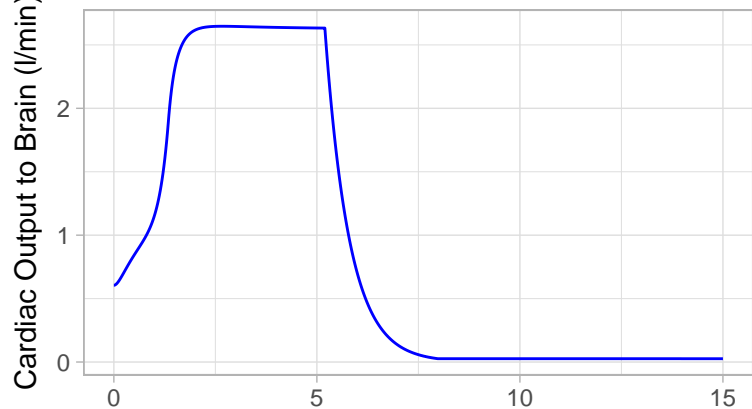
### A Calibration of Cardiac Output



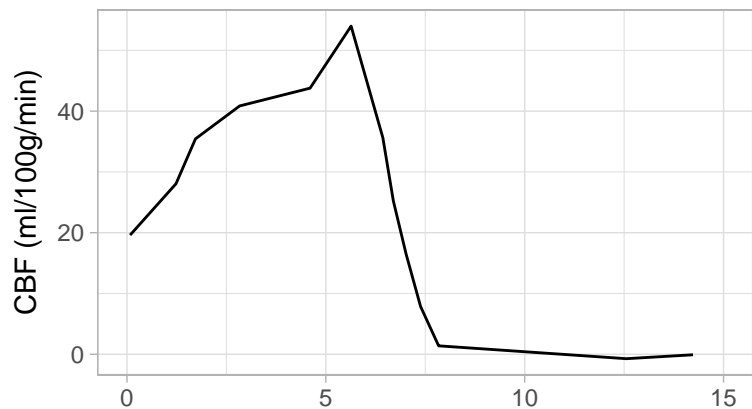
### Canine Cardiac Output



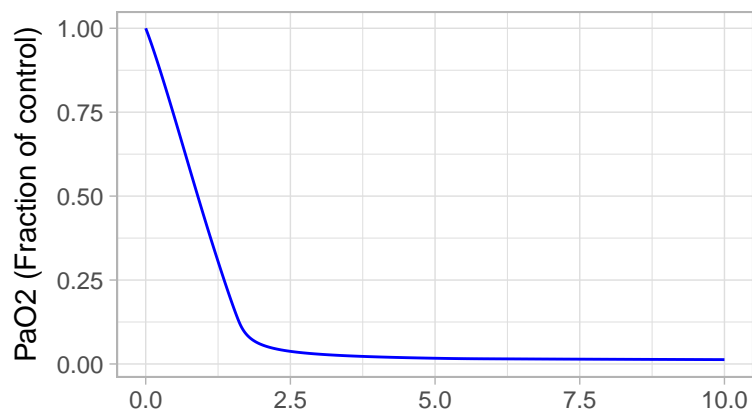
### B Calibration of Brain Blood Flow



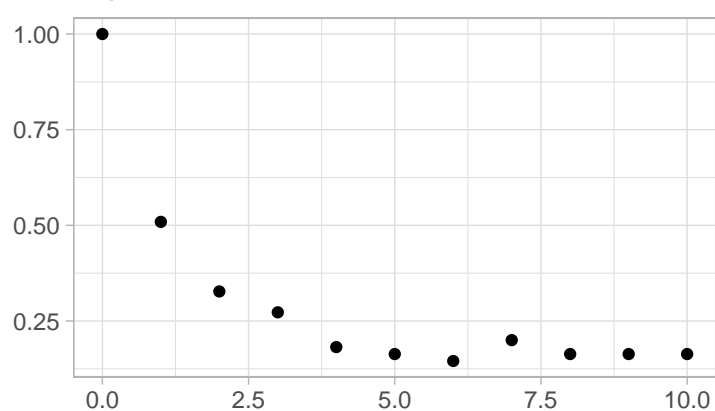
### Porcine Brain Blood Flow



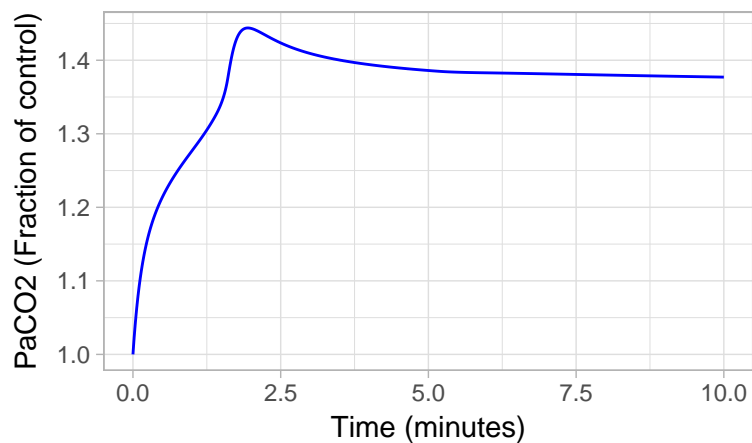
### C PaO2 Validation



### Equine PaO2



### PaCO2 Validation



### Equine PaCO2

