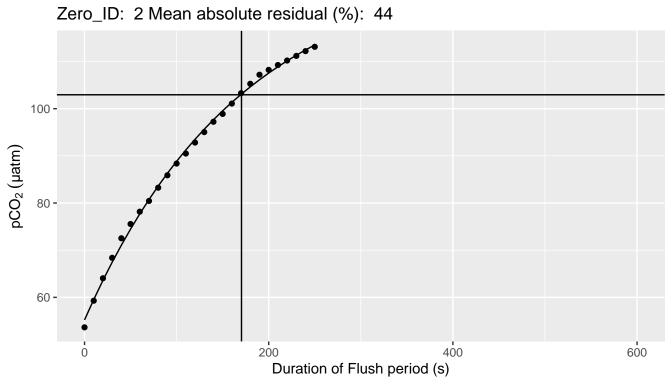
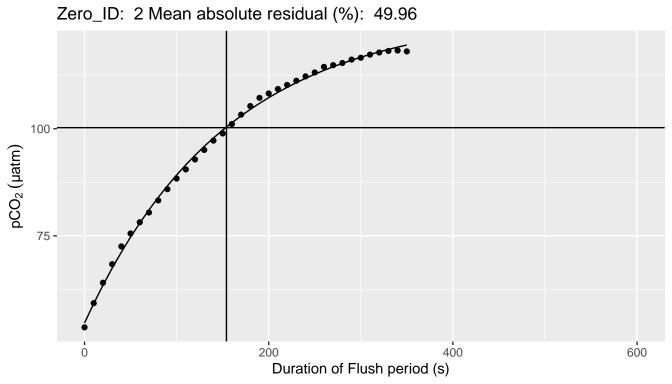
Zero_ID: 2 Mean absolute residual (%): 42.26 100 -90 pCO_2 (µatm) 70 -60 -200 400 600 Duration of Flush period (s)

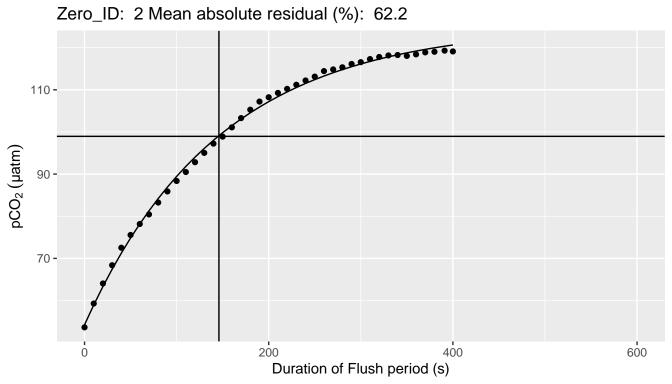
Zero_ID: 2 Mean absolute residual (%): 47.58 110 -100 -90 pCO_2 (µatm) 80 -70 -60 -200 400 600

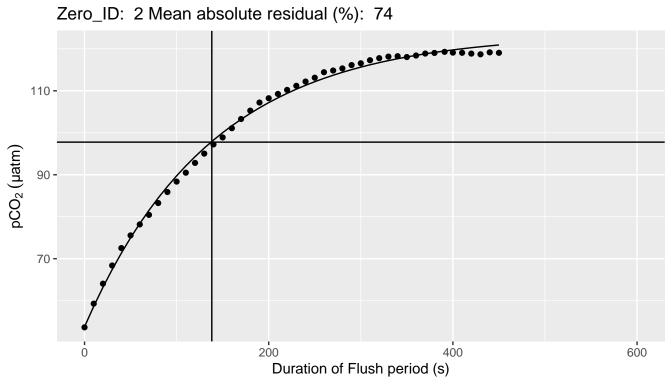
Duration of Flush period (s)

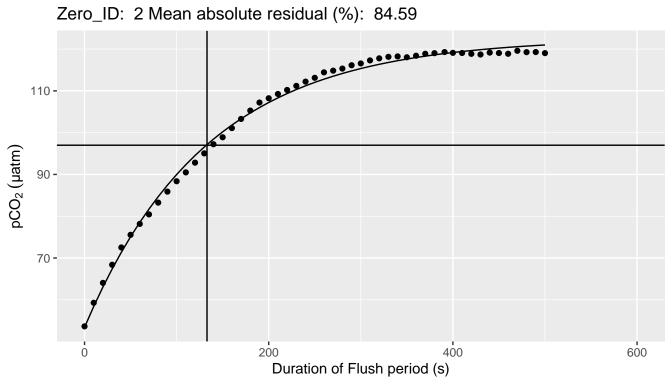


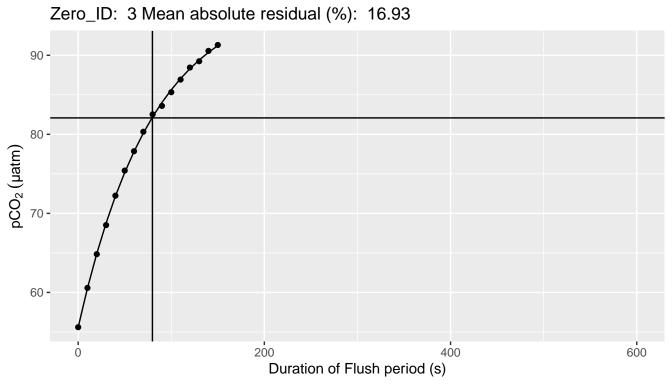
Zero_ID: 2 Mean absolute residual (%): 44.97 120 -100 pCO₂ (µatm) 60 -200 400 600 Duration of Flush period (s)

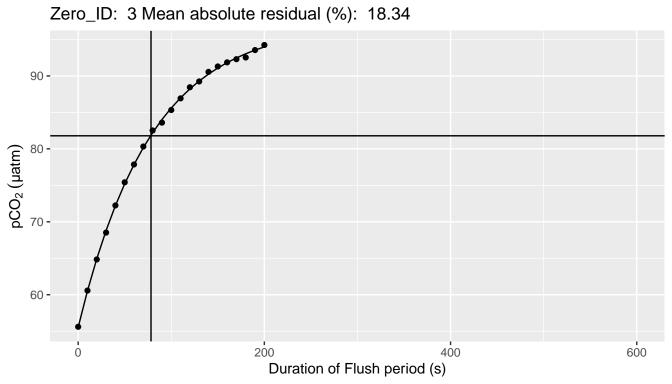


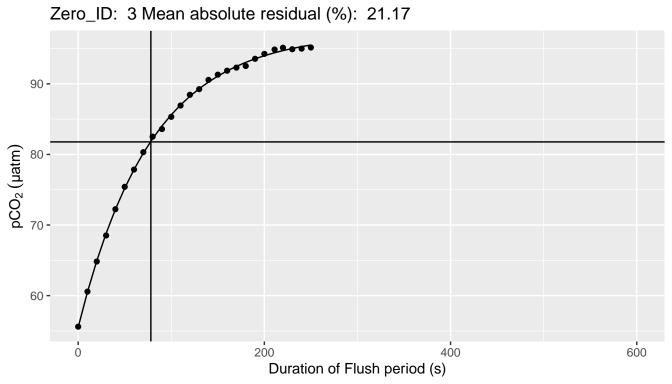


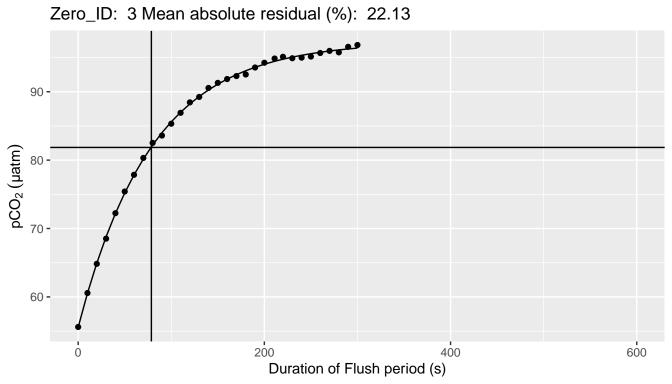


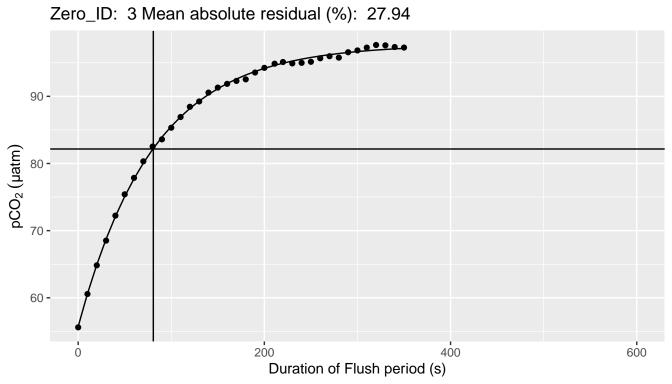


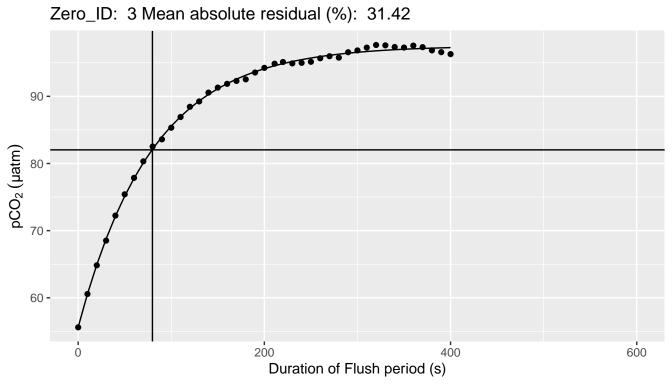


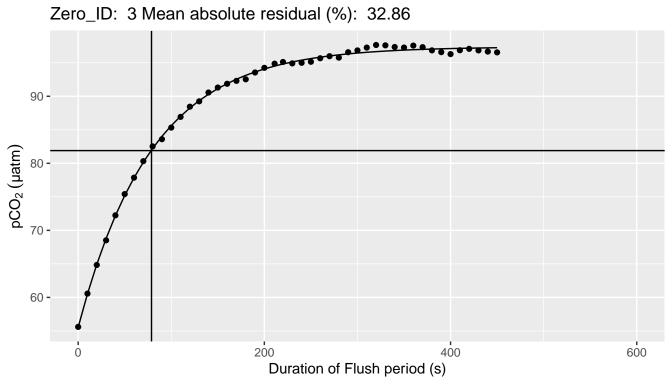


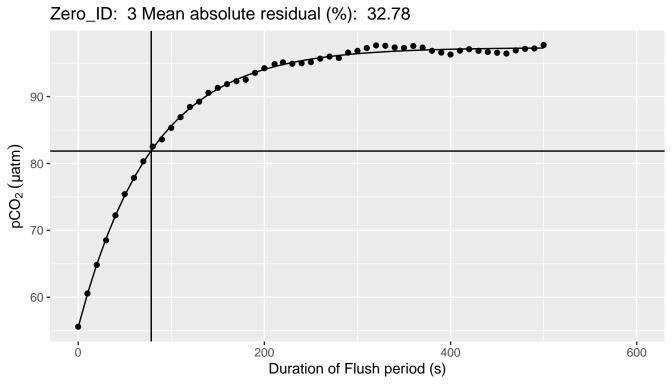


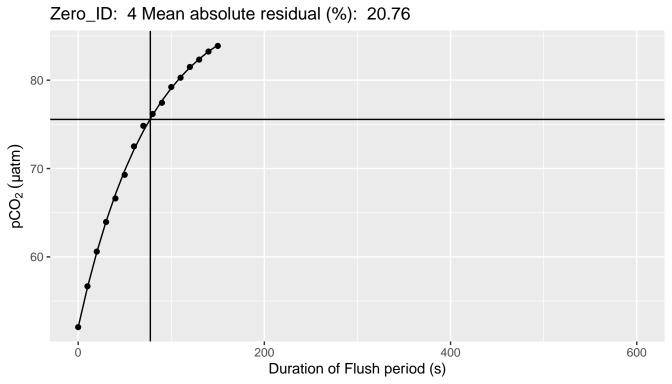


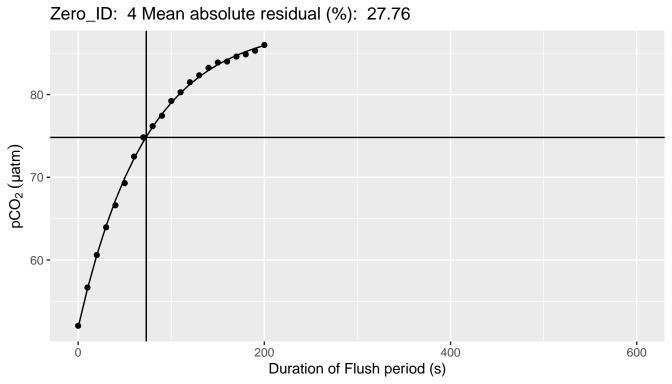


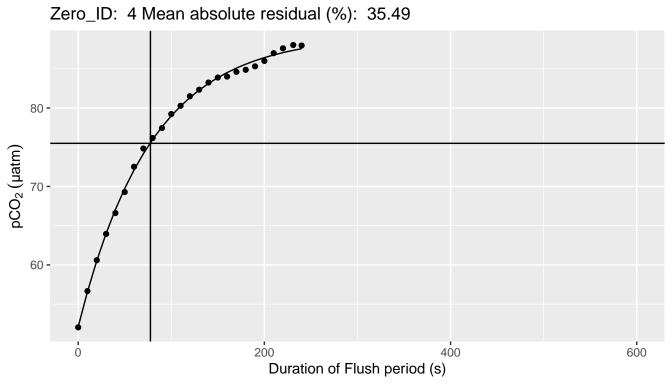


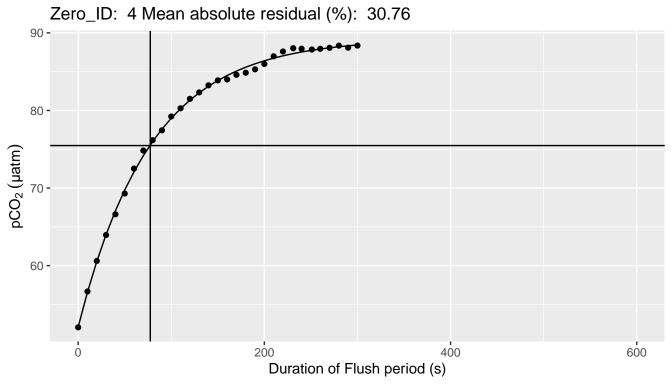


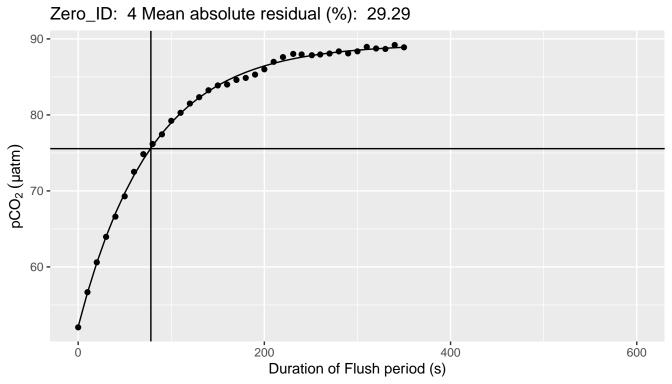


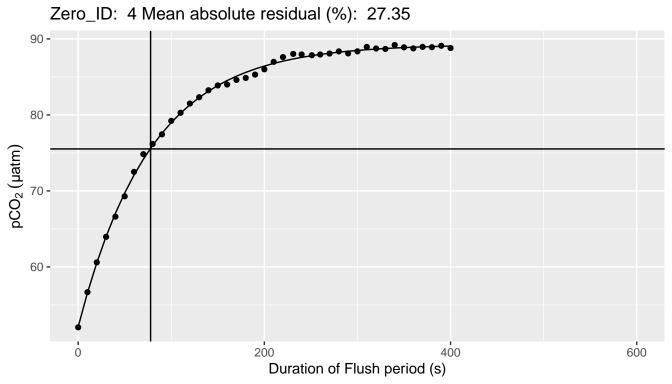


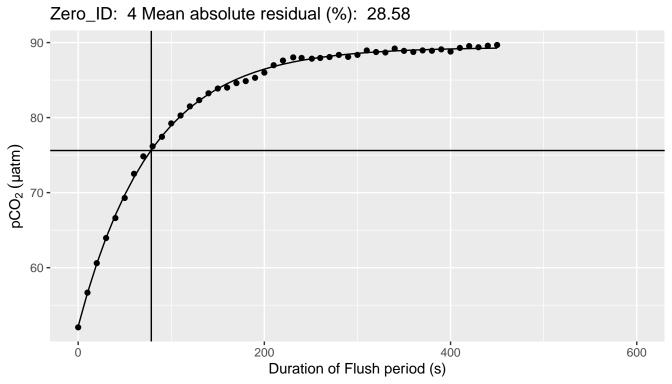


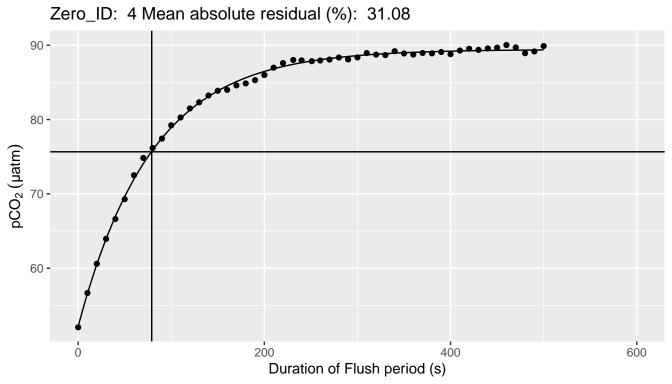


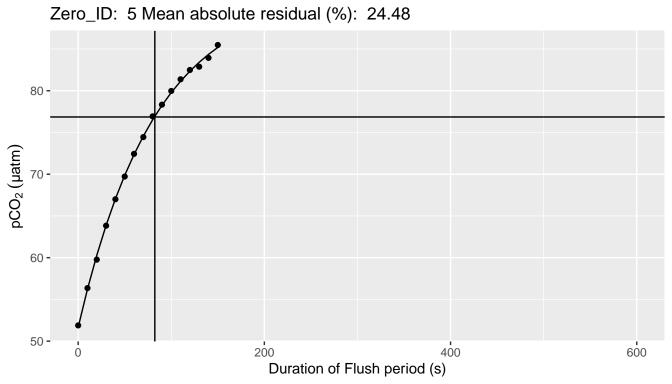


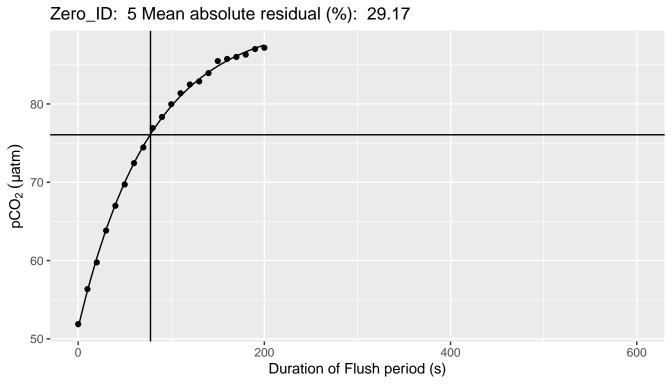


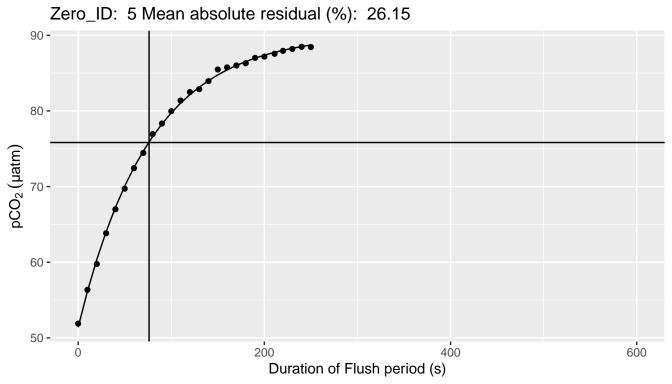


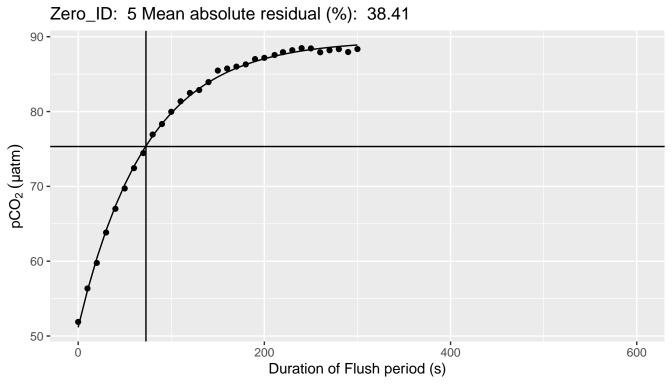


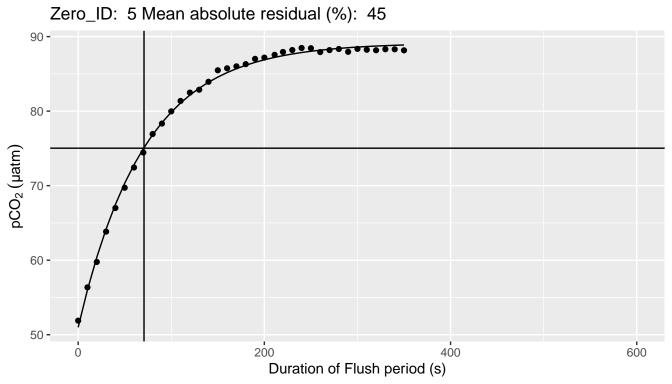


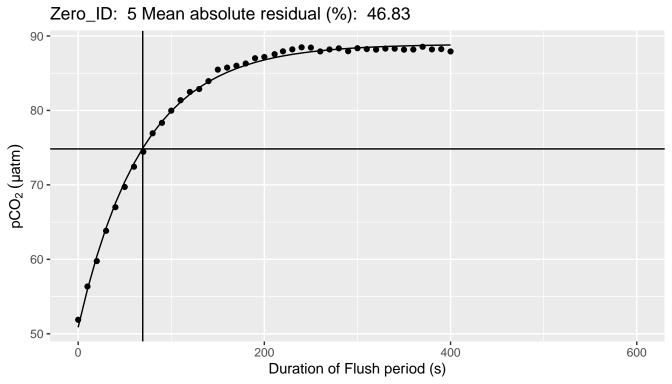


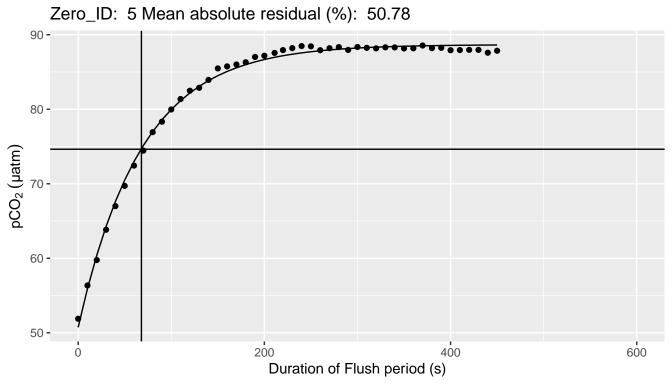


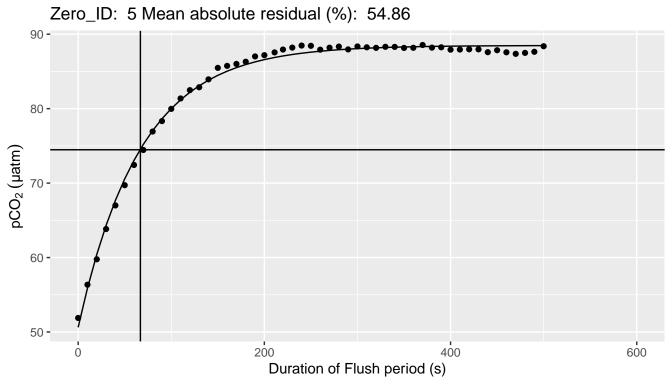


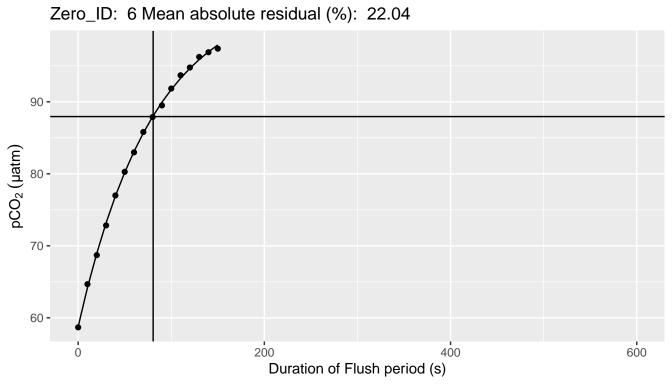








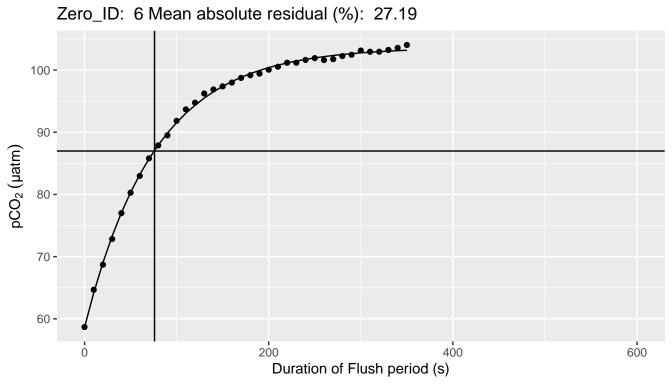


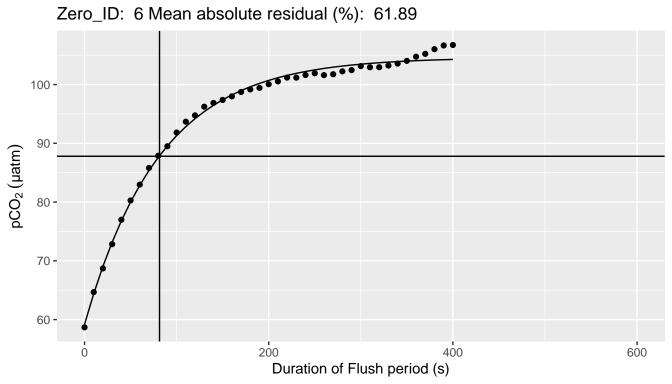


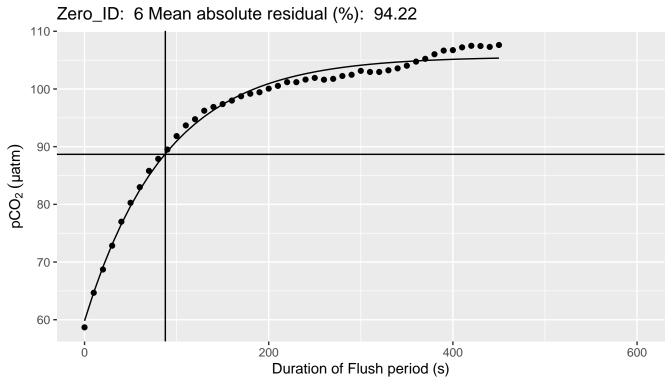
Zero_ID: 6 Mean absolute residual (%): 27.66 100 -90 pCO₂ (µatm) 80 -70 -60 -200 400 600 Duration of Flush period (s)

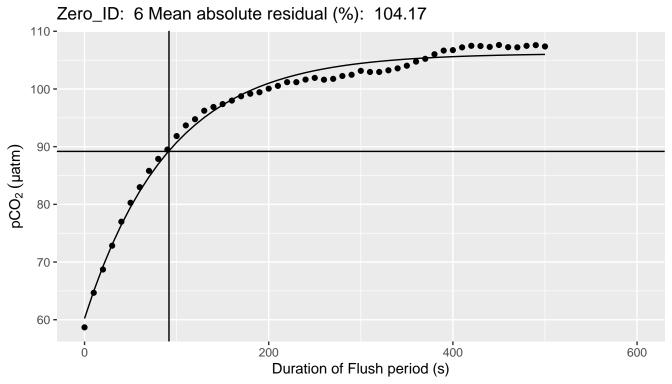
Zero_ID: 6 Mean absolute residual (%): 24.45 100 -90 pCO₂ (µatm) 70 -60 -200 400 600 Duration of Flush period (s)

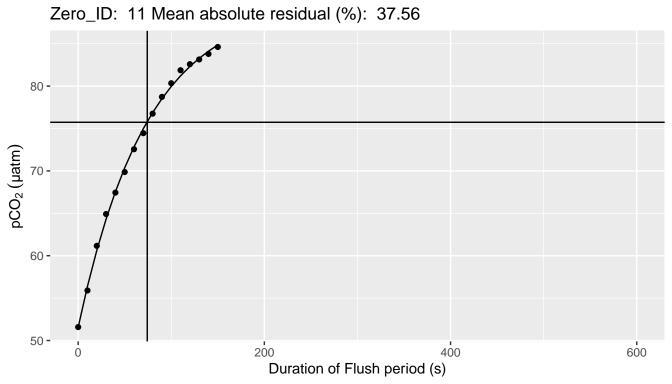
Zero_ID: 6 Mean absolute residual (%): 25.12 100 -90 pCO₂ (µatm) 80 -70 -60 -200 400 600 Duration of Flush period (s)

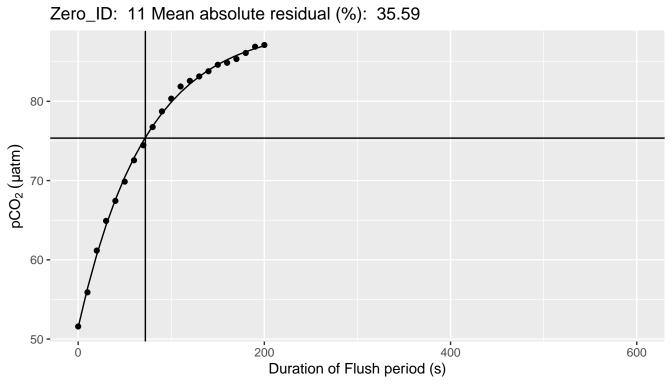


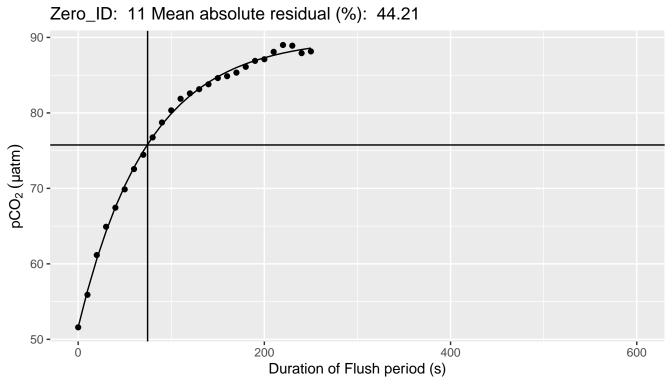


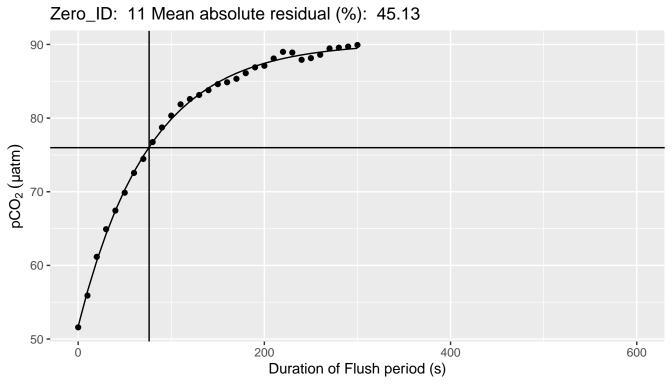


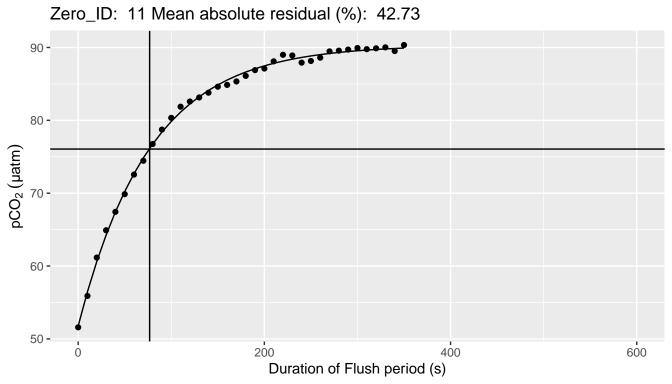








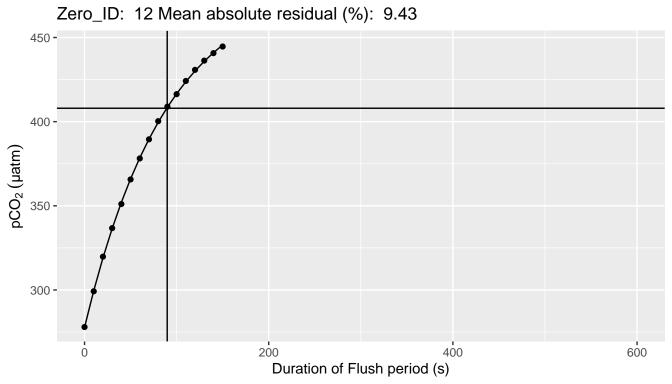




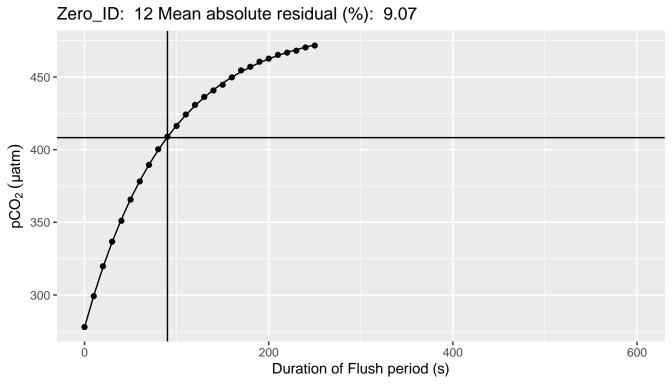
Zero_ID: 11 Mean absolute residual (%): 48.08 90 -80 pCO₂ (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

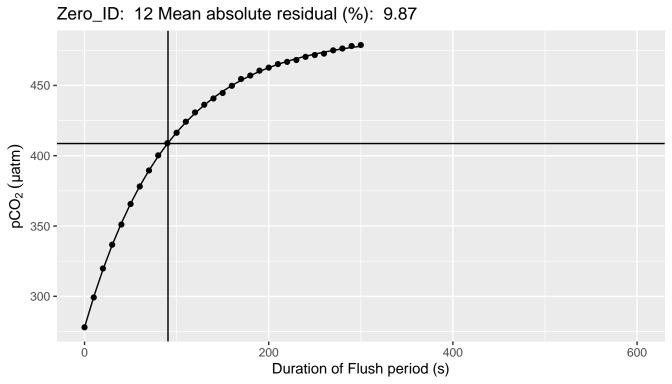
Zero_ID: 11 Mean absolute residual (%): 59.41 90 -80 pCO₂ (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

Zero_ID: 11 Mean absolute residual (%): 62.05 90 -80 pCO₂ (µatm) 60 -50 -200 600 400 Duration of Flush period (s)



Zero_ID: 12 Mean absolute residual (%): 8.66 450 **-**400 pCO₂ (µatm) 300 -200 400 600 Duration of Flush period (s)





Zero_ID: 12 Mean absolute residual (%): 12.64 450 pCO₂ (µatm) 300 -200 400 600 Duration of Flush period (s)

Zero_ID: 12 Mean absolute residual (%): 20.26 450 pCO₂ (µatm) 350 -300 -200 400 600 Duration of Flush period (s)

Zero_ID: 12 Mean absolute residual (%): 30.76 500 -450 pCO₂ (µatm) 350 -300 -

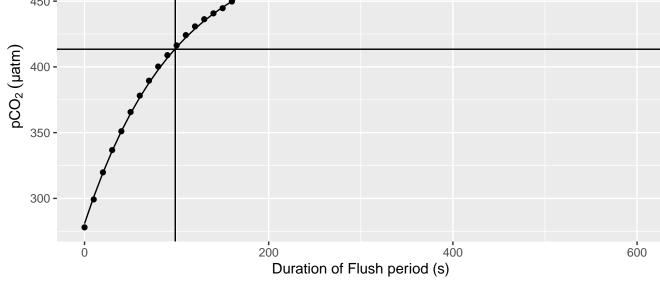
Duration of Flush period (s)

400

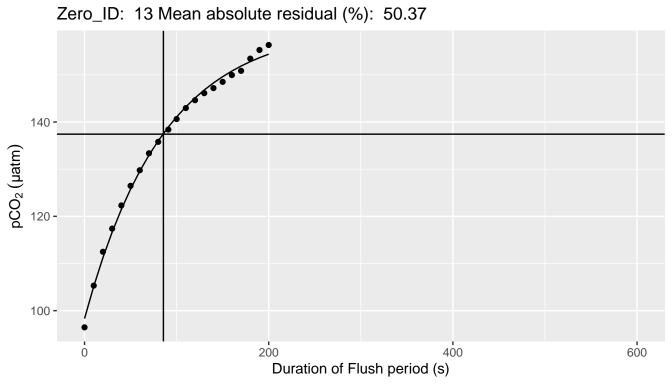
600

200

Zero_ID: 12 Mean absolute residual (%): 34.88 500 -450 -



Zero_ID: 13 Mean absolute residual (%): 23.03 150 **-**140 pCO₂ (matm) 120 -130 -110 -100 -200 400 600 Duration of Flush period (s)



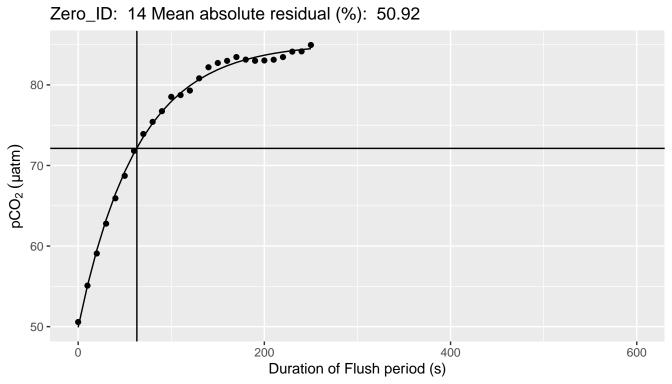
Zero_ID: 13 Mean absolute residual (%): 62.3 160 -140 pCO₂ (µatm) 100 -200 400 600 Duration of Flush period (s)

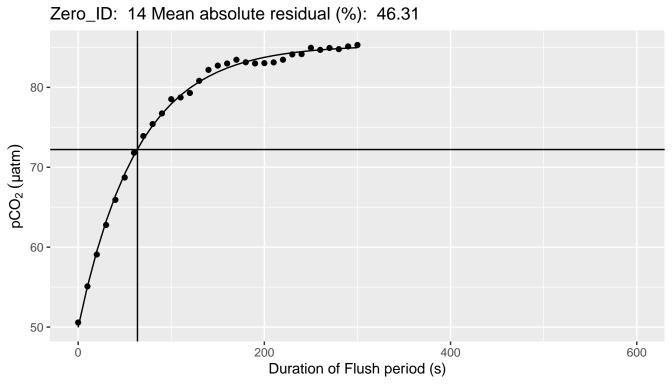
Zero_ID: 13 Mean absolute residual (%): 100.2 160 -140 pCO₂ (µatm) 100 -200 400 600 Duration of Flush period (s)

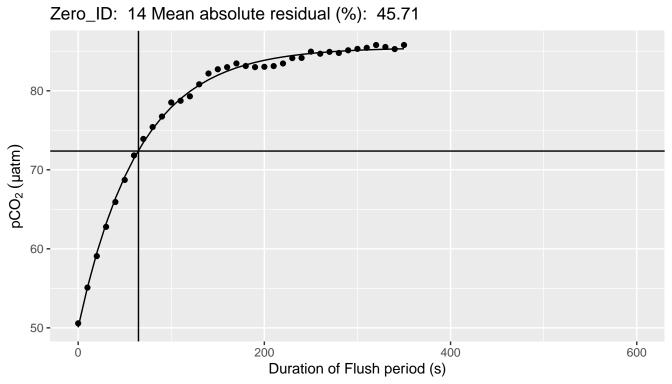
Zero_ID: 13 Mean absolute residual (%): 219.99 160 -140 pCO_2 (µatm) 100 -200 400 600 Duration of Flush period (s)

Zero_ID: 14 Mean absolute residual (%): 39.09 80 $pCO_2 (\mu atm)$ 60 -50 -200 400 600 Duration of Flush period (s)

Zero_ID: 14 Mean absolute residual (%): 49.57 80 pCO₂ (µatm) 60 -50 -200 400 600 Duration of Flush period (s)





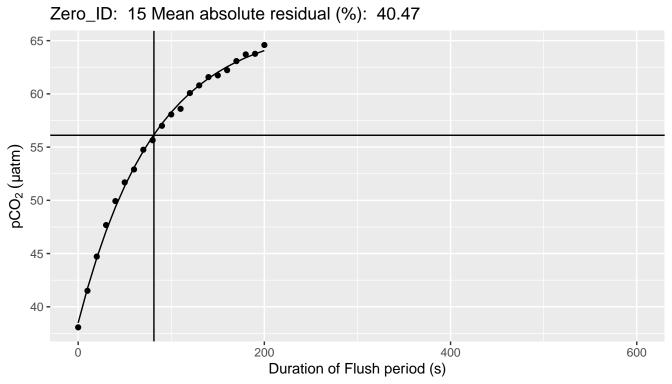


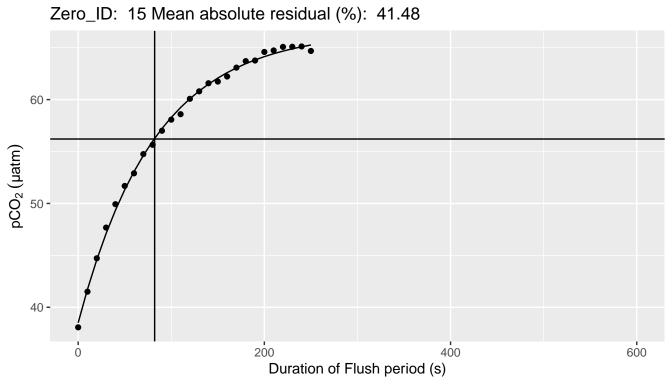
Zero_ID: 14 Mean absolute residual (%): 47.29 80 pCO_2 (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

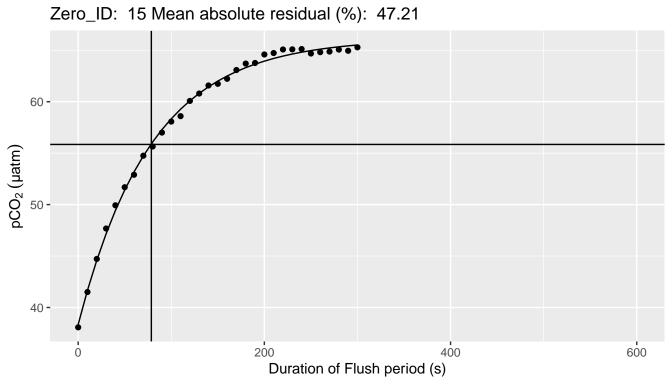
Zero_ID: 14 Mean absolute residual (%): 47.68 80 pCO₂ (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

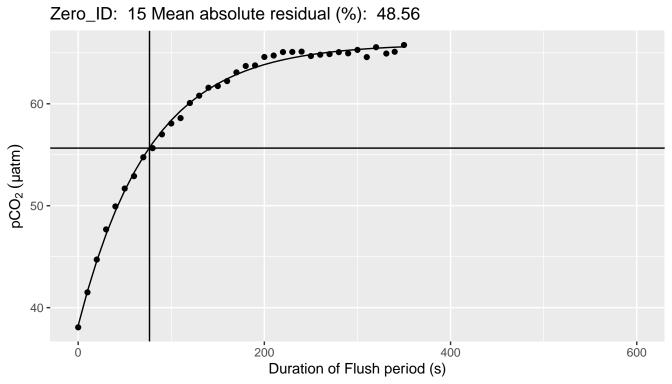
Zero_ID: 14 Mean absolute residual (%): 57.14 80 pCO₂ (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

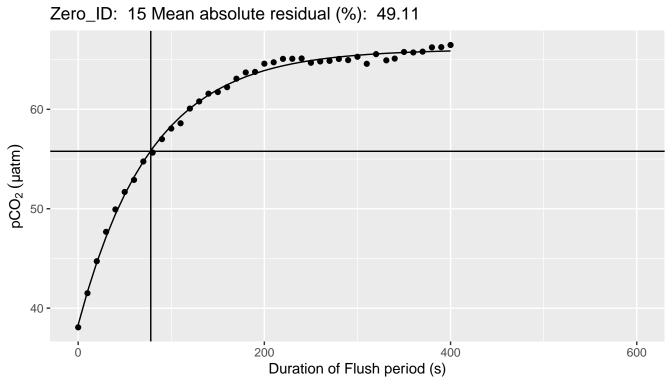
Zero_ID: 15 Mean absolute residual (%): 38.72 60 -55 pCO_2 (µatm) 45 -40 -200 400 600 Duration of Flush period (s)





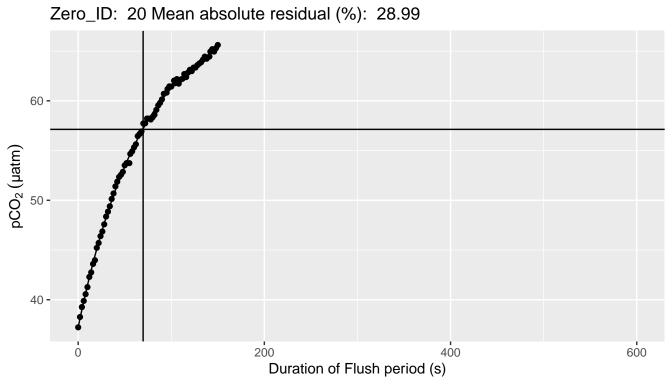


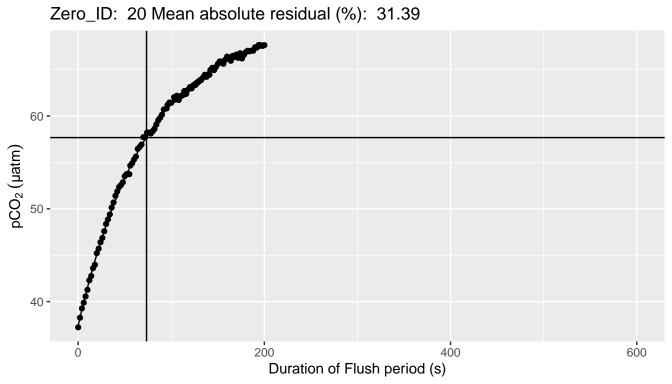


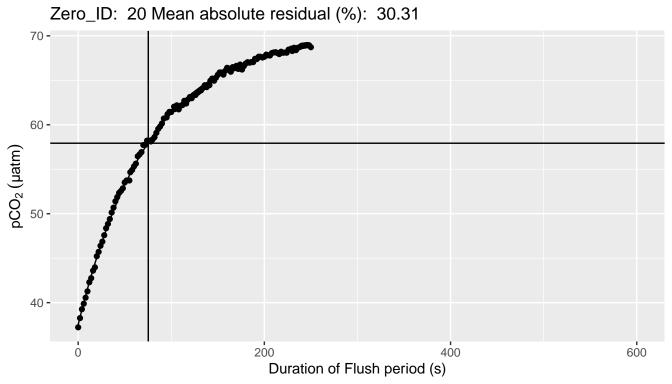


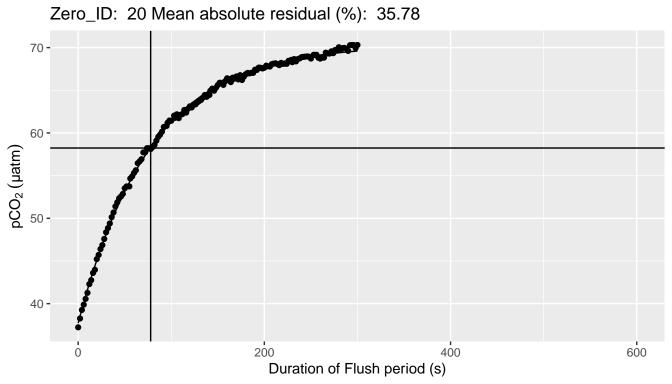
Zero_ID: 15 Mean absolute residual (%): 51.49 60 pCO₂ (µatm) 40 -200 400 600 Duration of Flush period (s)

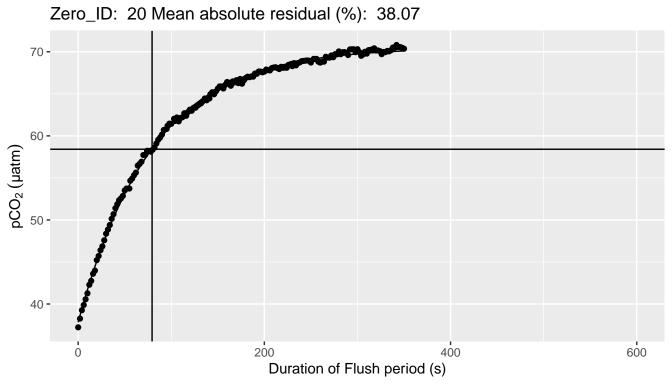
Zero_ID: 15 Mean absolute residual (%): 52.34 *********** 60 $pCO_2 (\mu atm)$ 40 -200 400 600 Duration of Flush period (s)

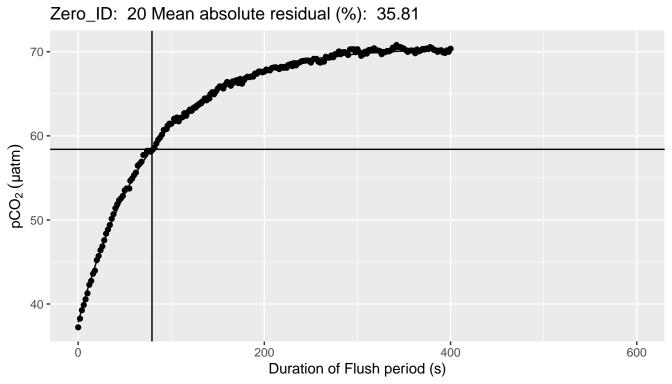


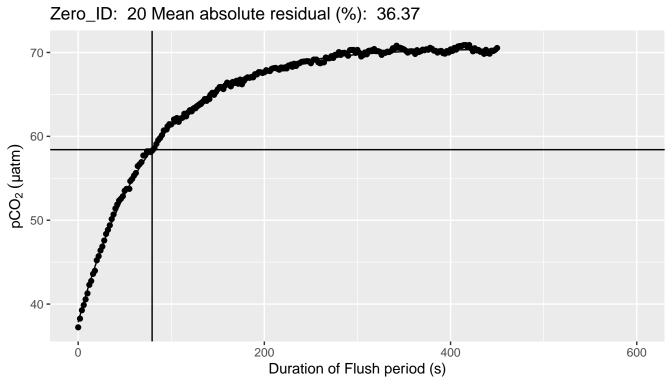


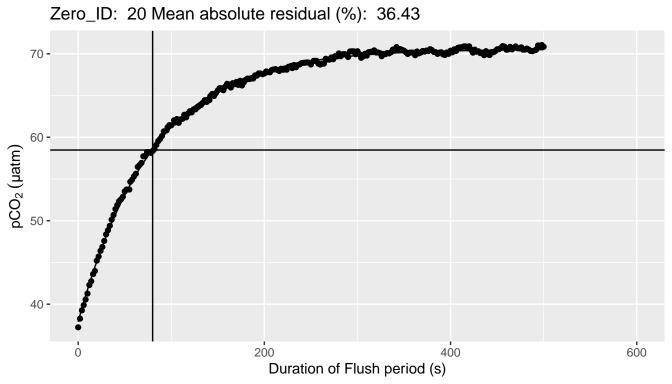


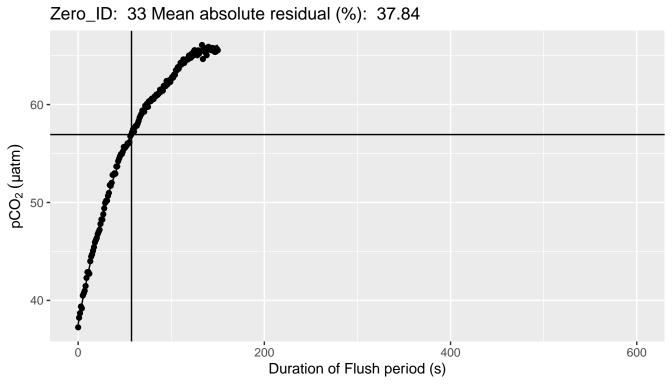


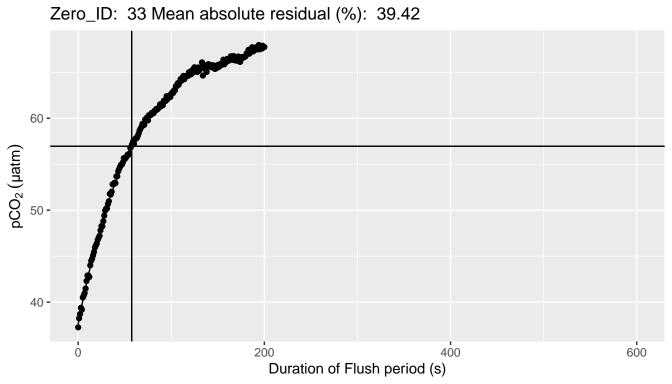


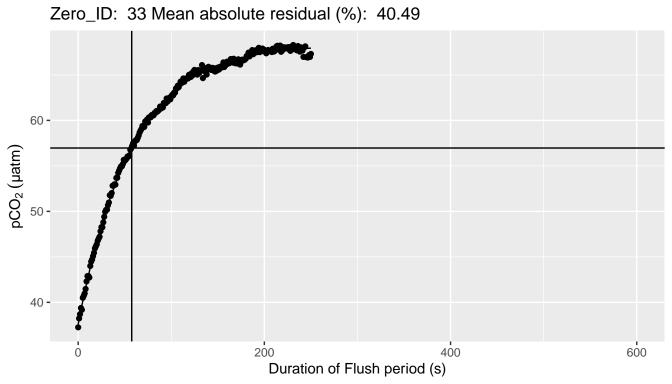


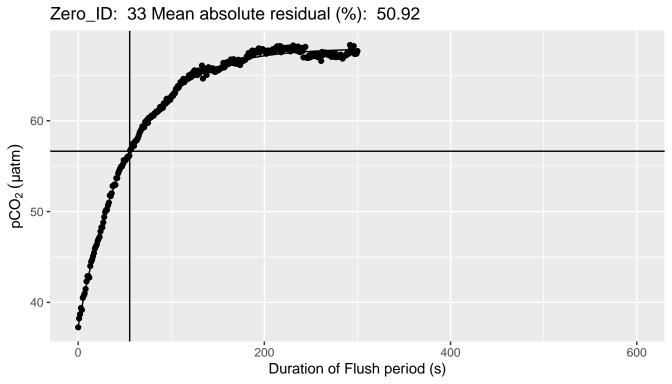


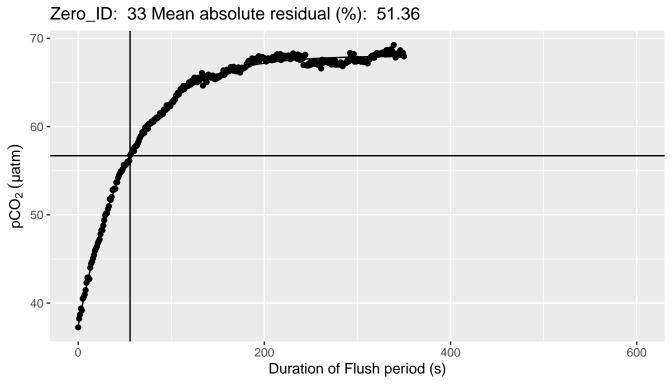


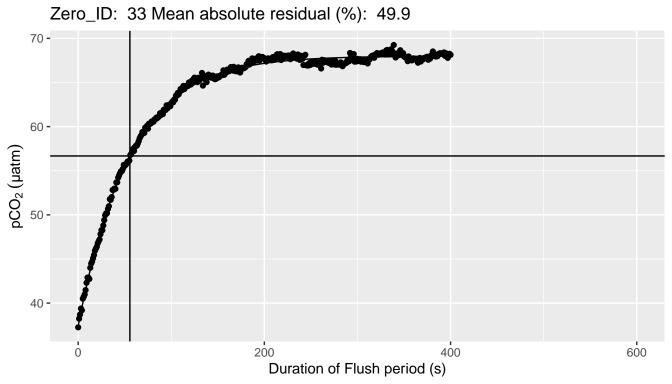


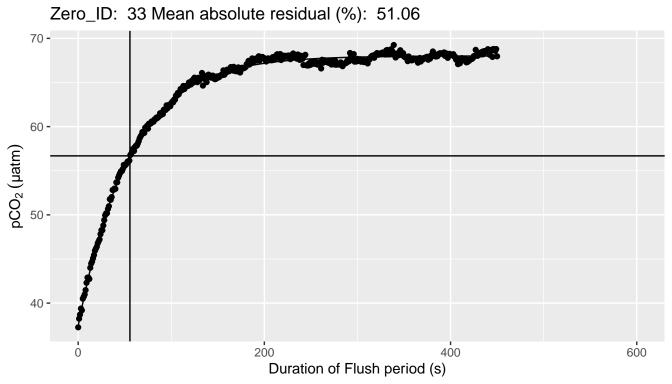


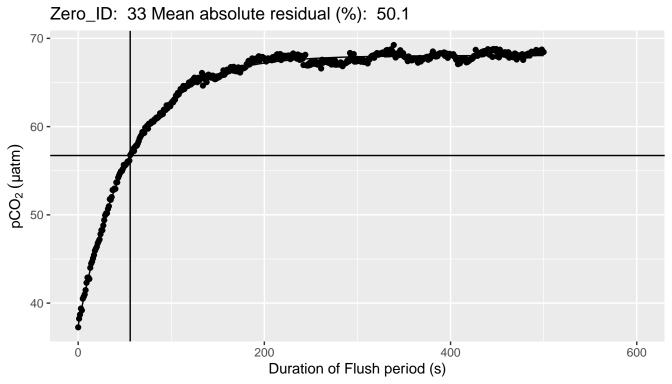


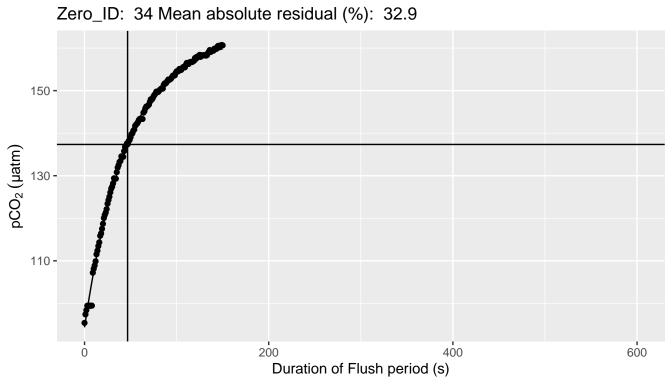




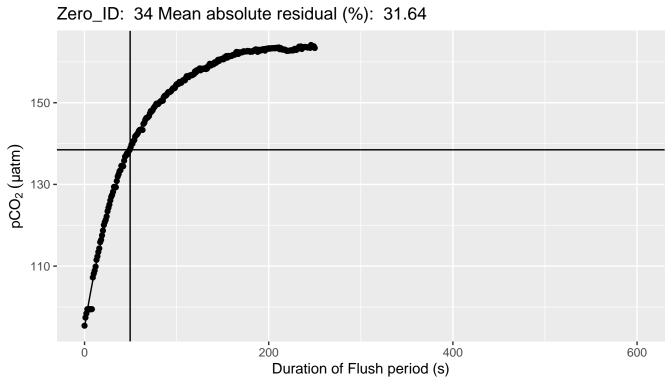


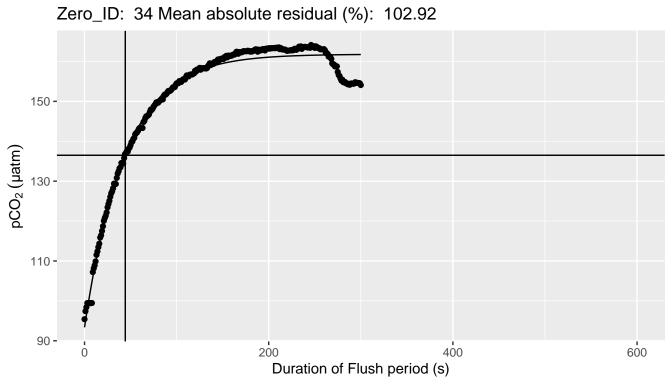


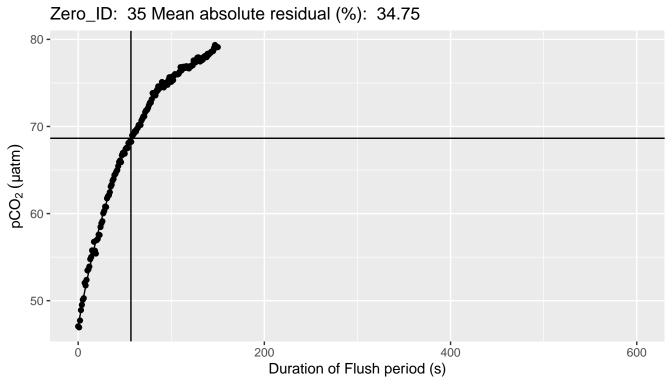


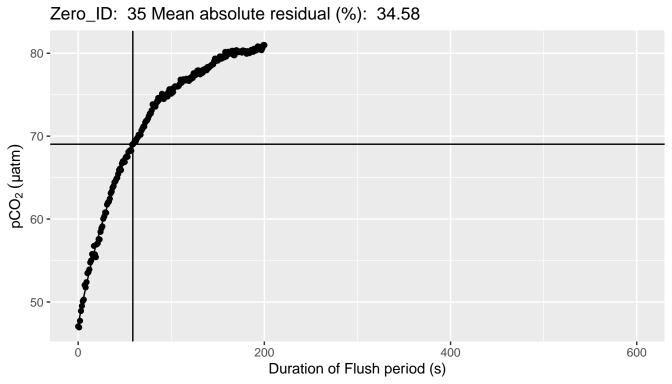


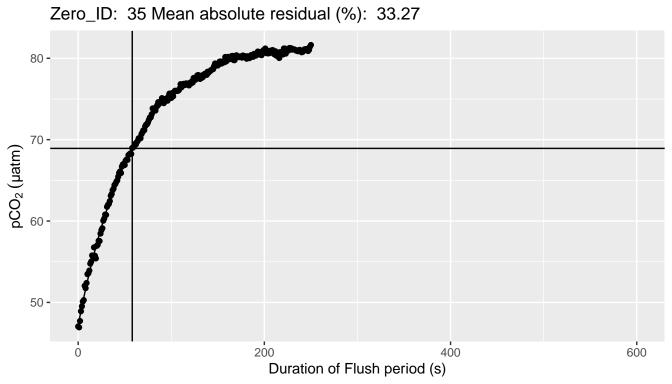


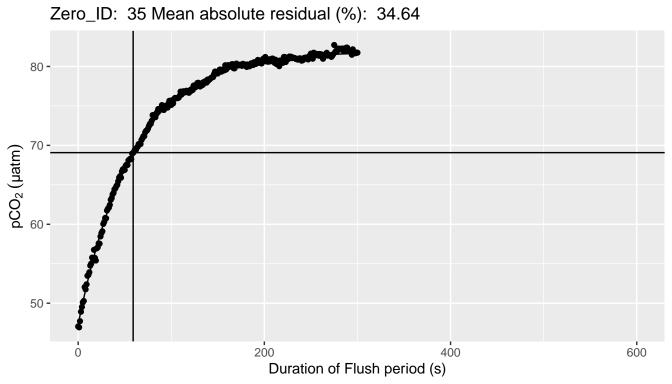


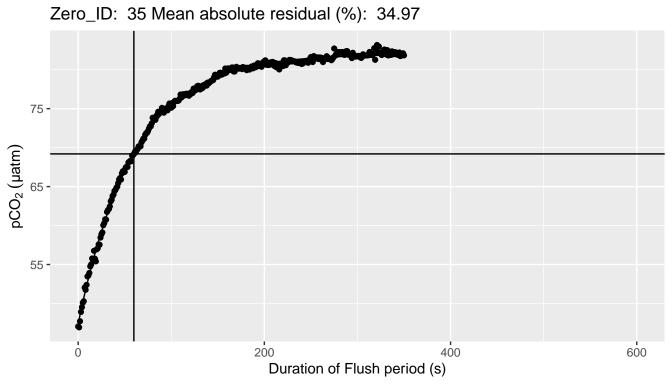


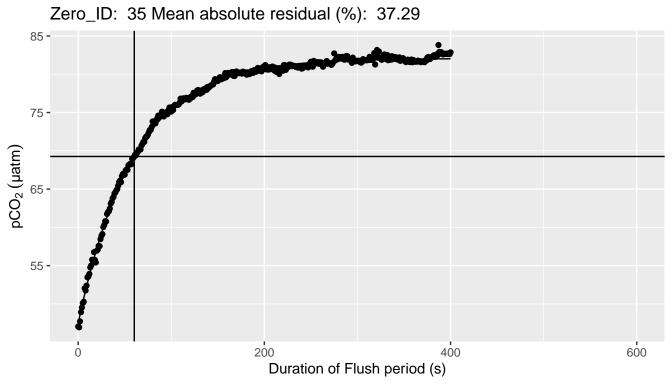


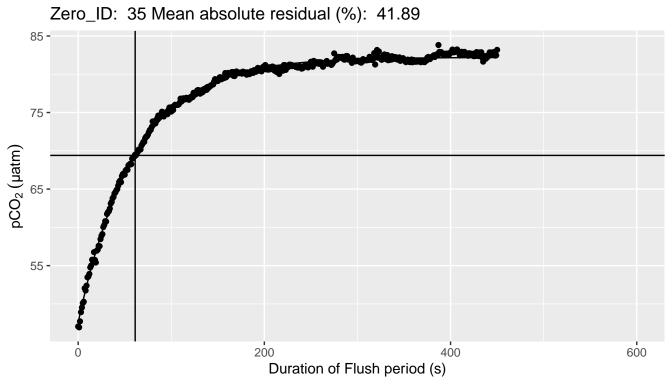


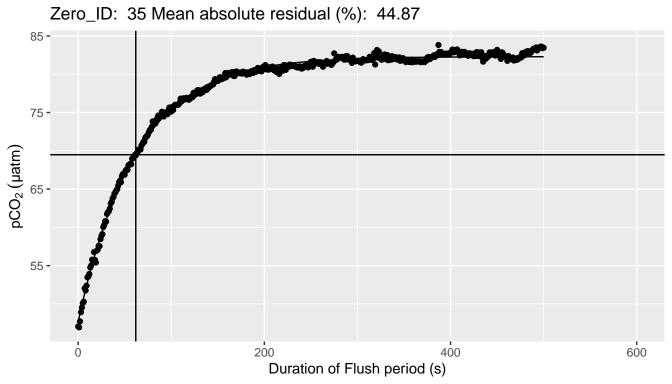


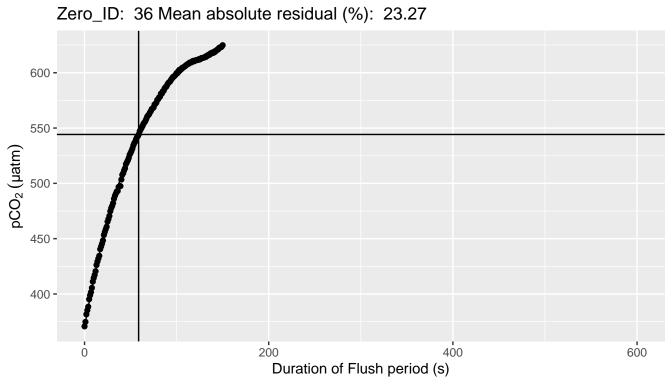












Zero_ID: 36 Mean absolute residual (%): 23.31 650 **-**600 -550 pCO₂ (µatm) 450 -400 -200 400 600 Duration of Flush period (s)

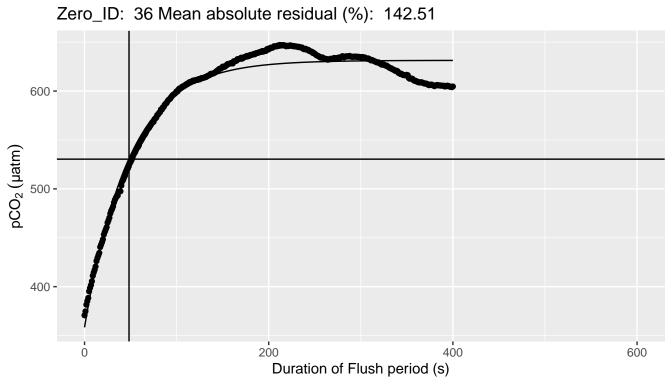
Zero_ID: 36 Mean absolute residual (%): 28.31 650 **-**600 pCO₂ (µatm) 550 -450 -400 -200 400 600

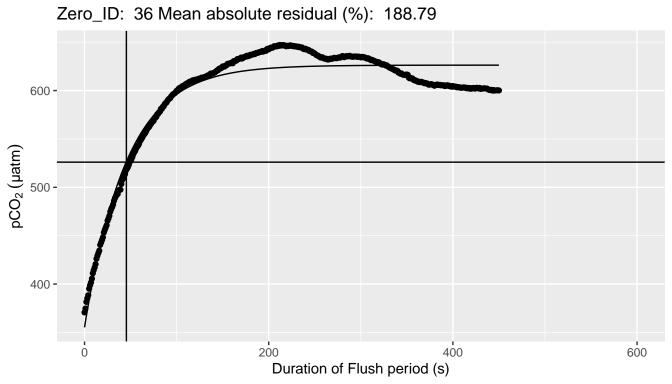
Duration of Flush period (s)

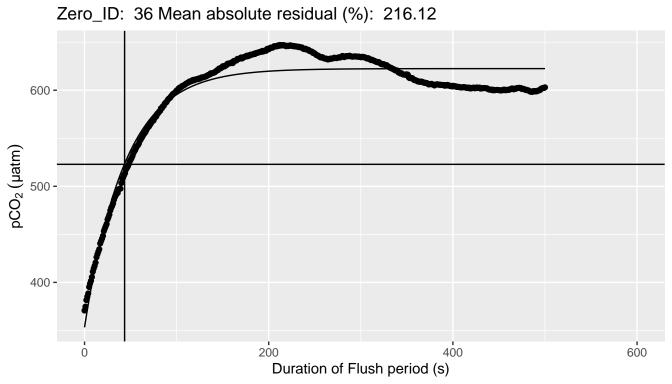
Zero_ID: 36 Mean absolute residual (%): 57.74 650 **-**600 pCO₂ (µatm) 550 **-**450 -400 -200 400 600 Duration of Flush period (s)

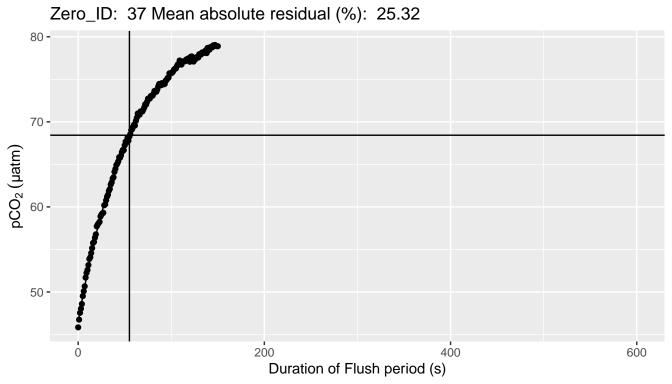
Zero_ID: 36 Mean absolute residual (%): 85.14 650 **-**600 -550 pCO₂ (µatm) 450 **-**400 -350 -200 400 600

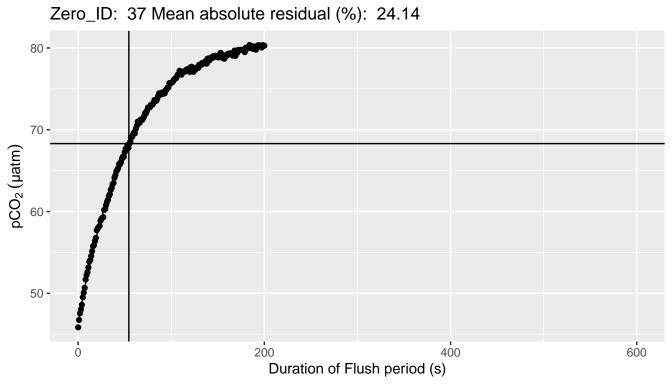
Duration of Flush period (s)

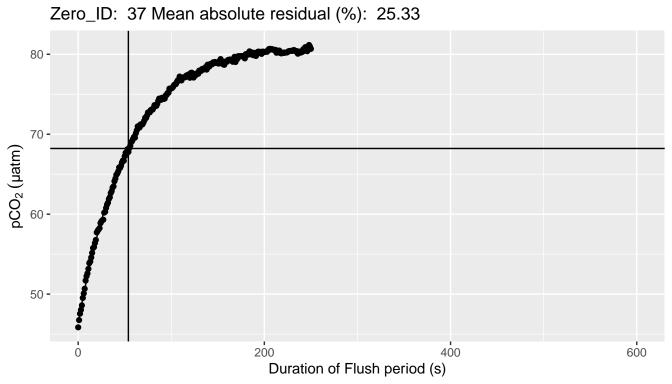


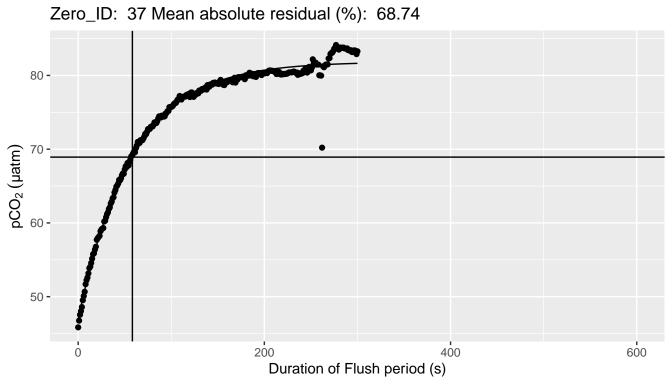


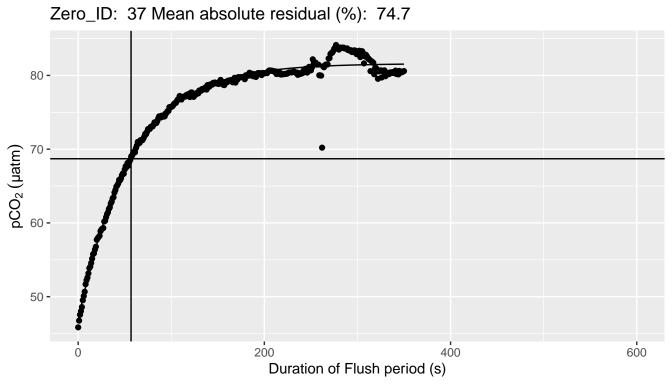


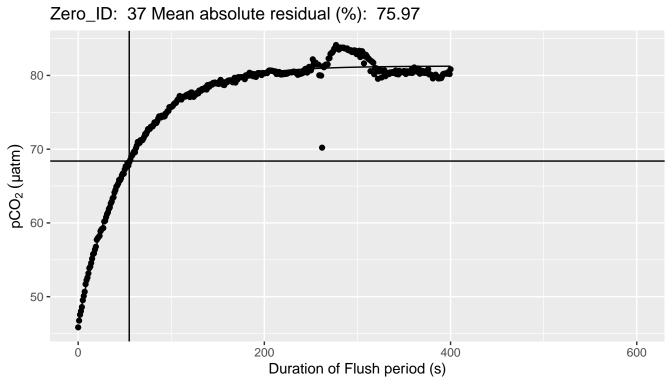


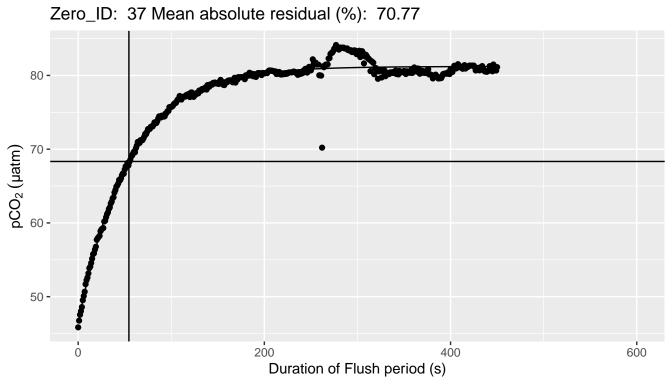


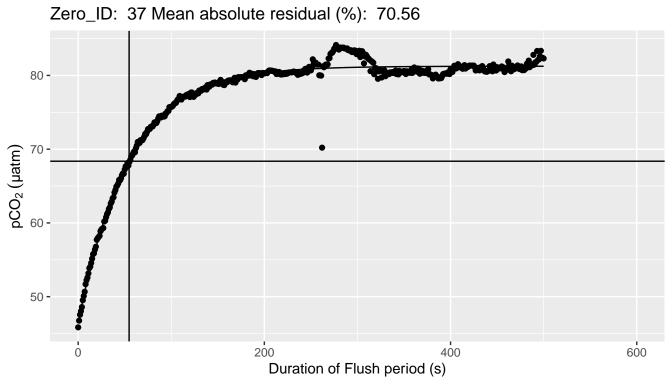


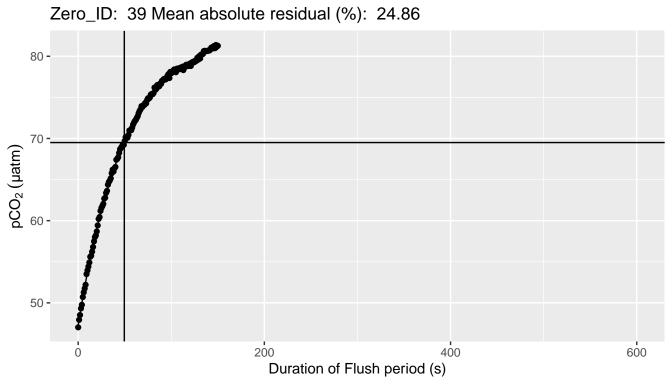


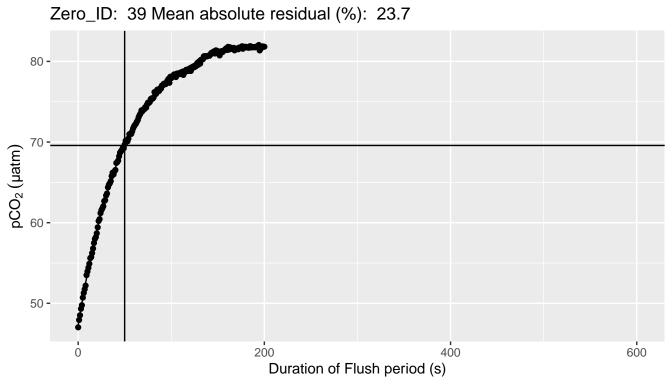


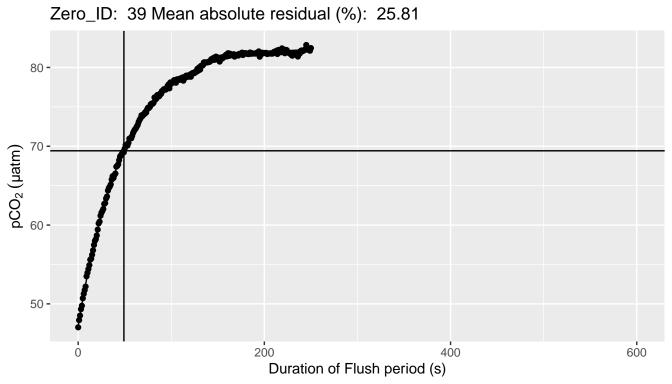


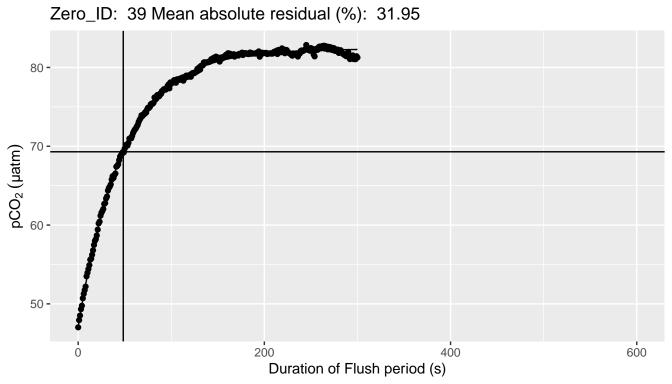


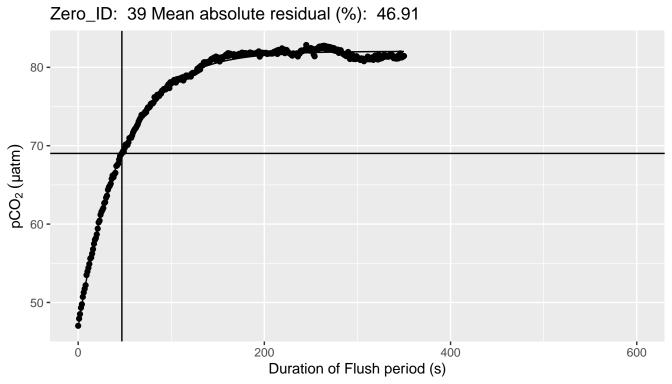


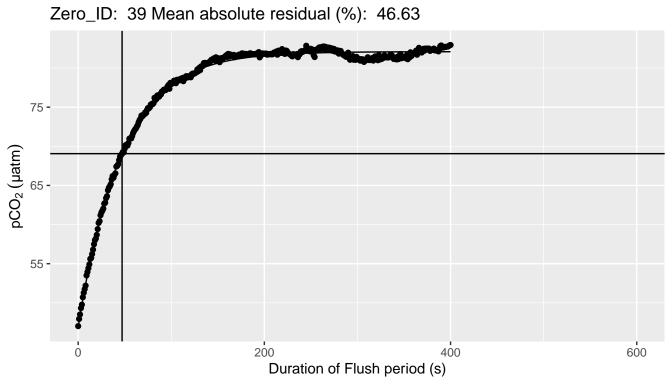


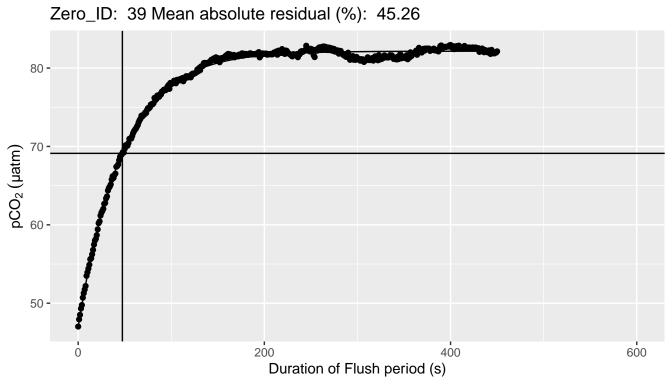


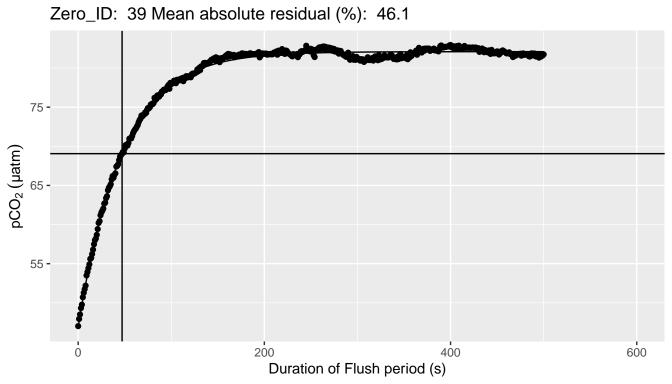


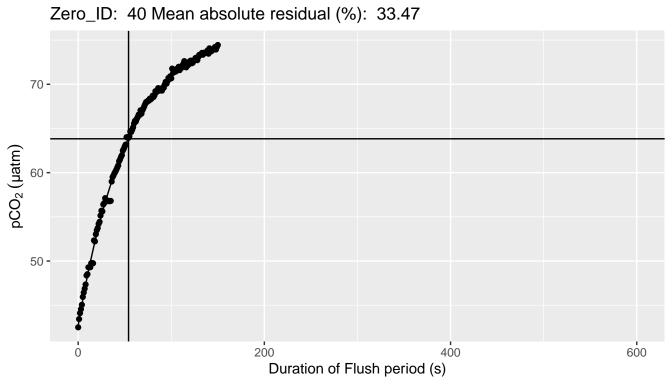


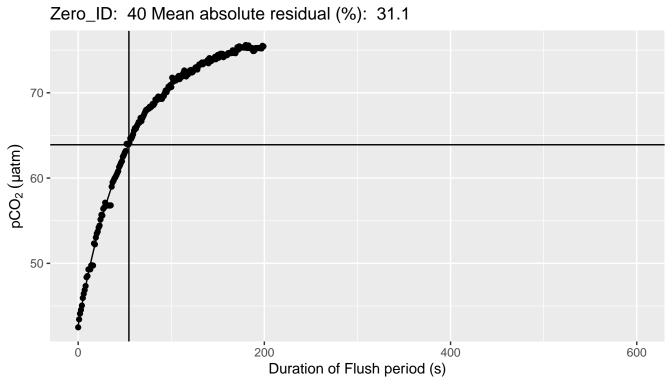


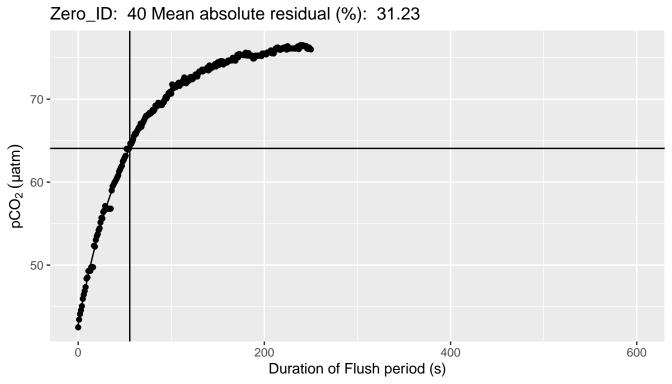


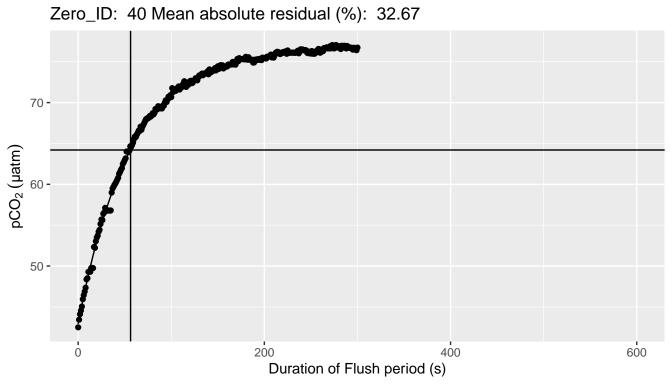


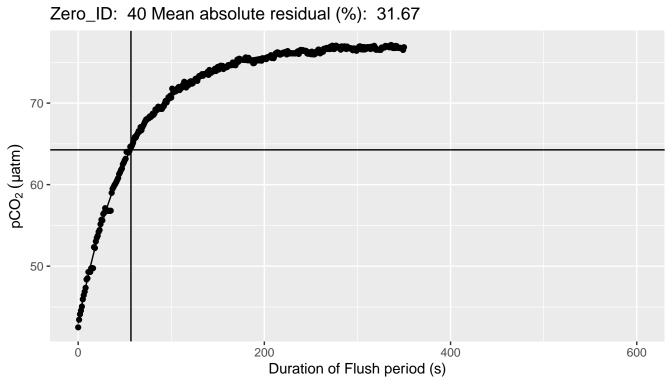


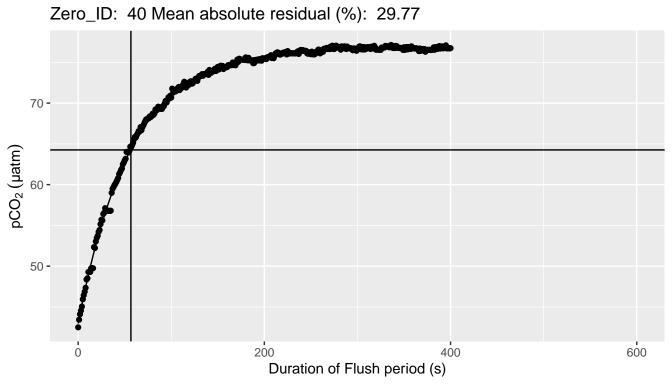


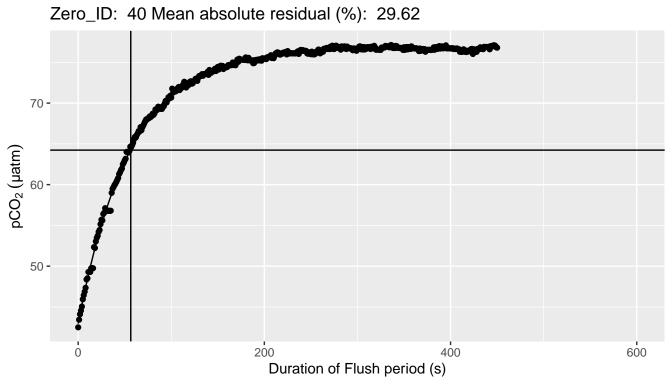


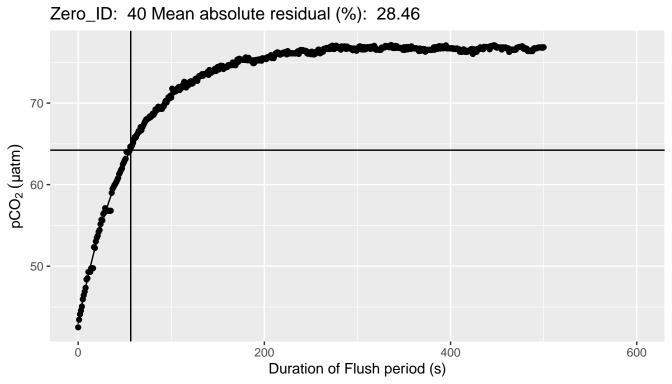


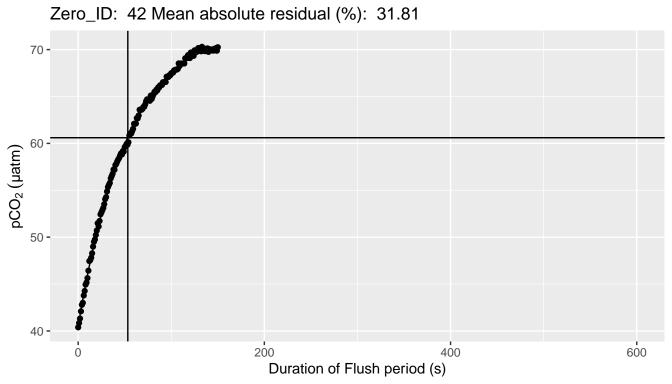


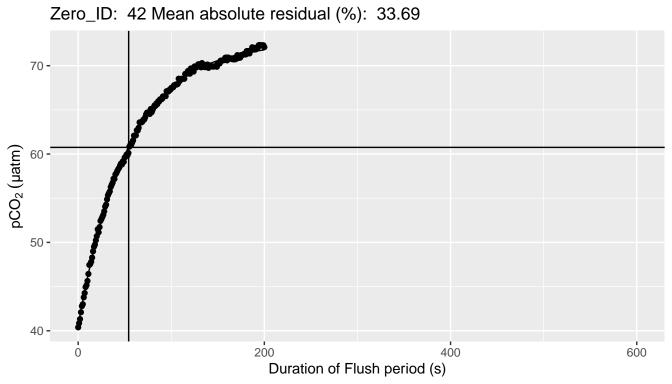


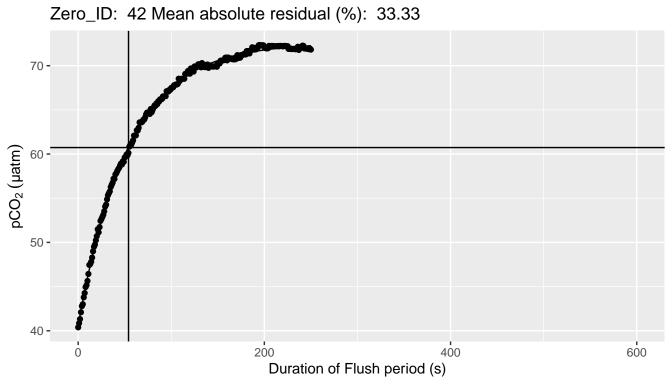


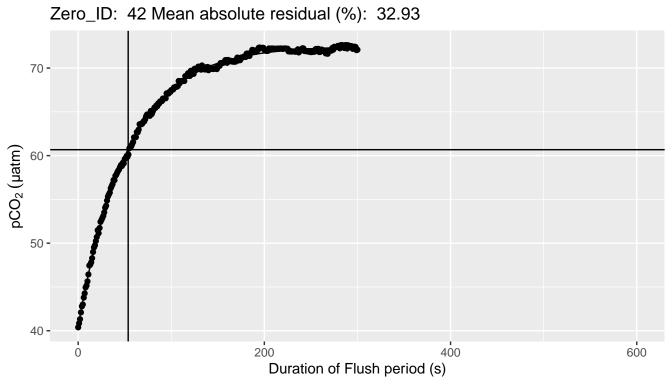


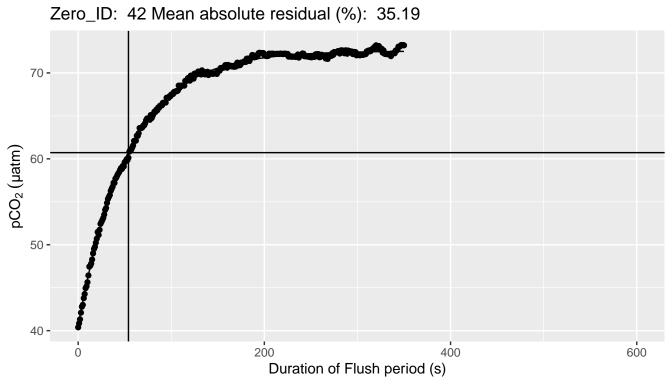


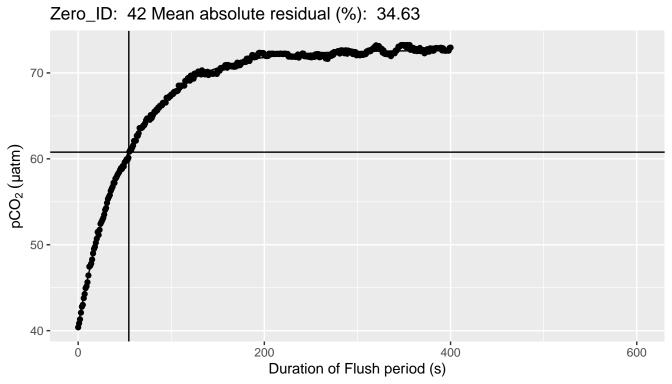


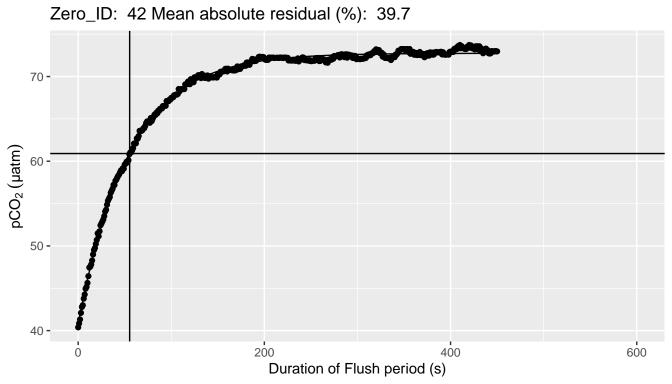


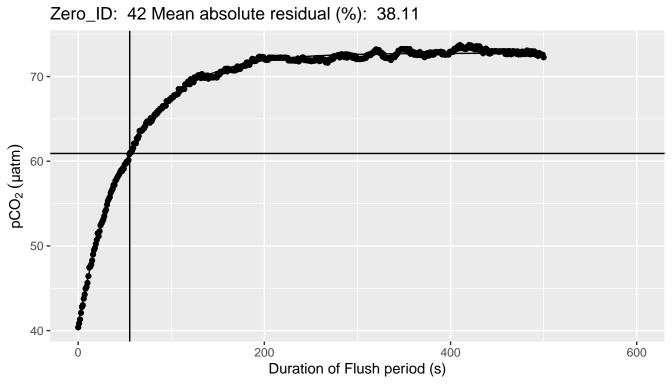


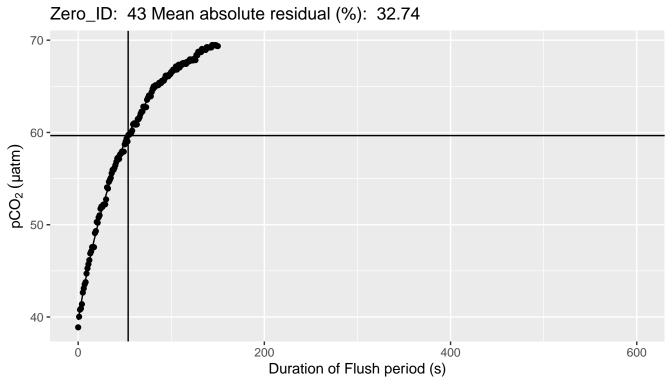


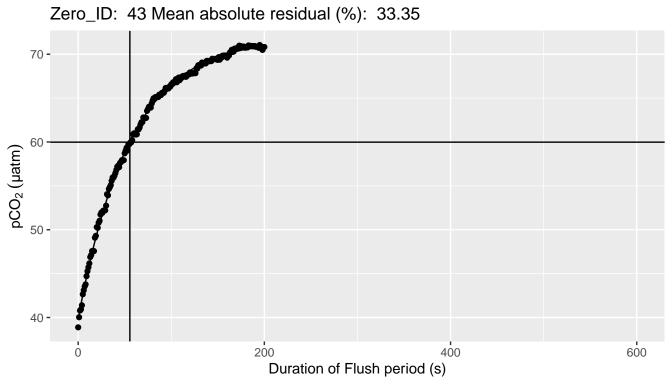


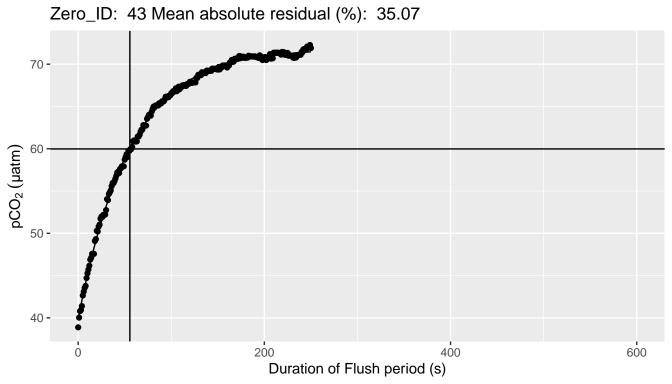


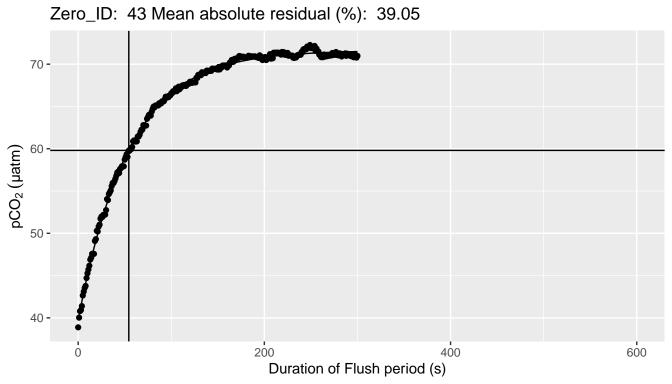


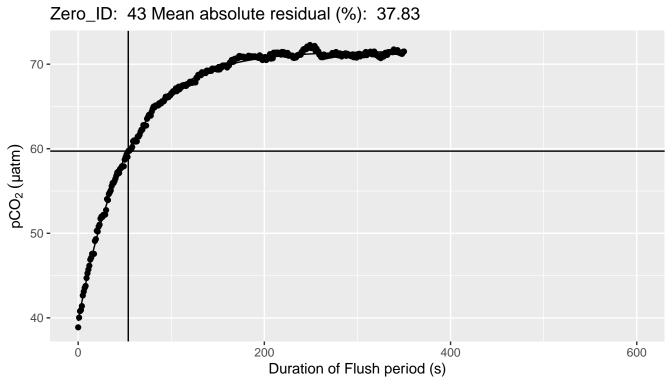


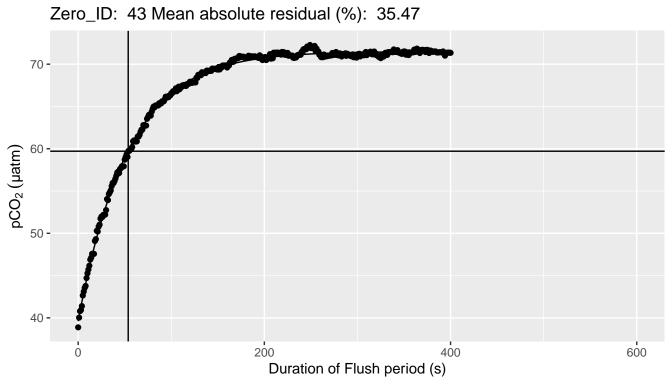


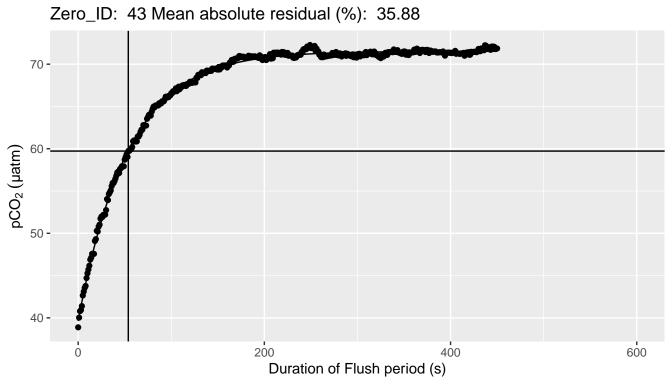


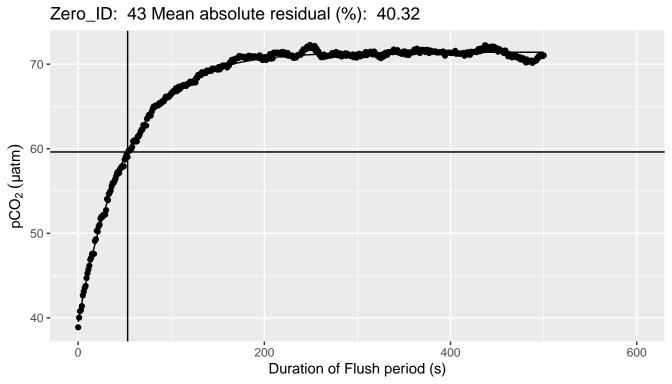


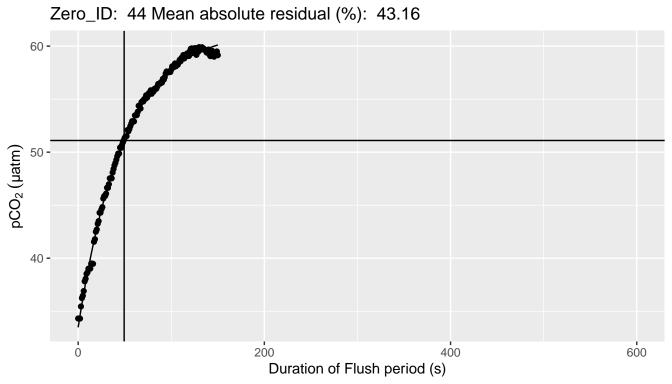


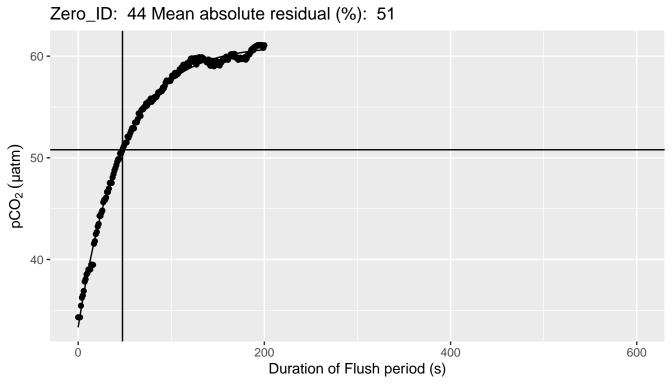


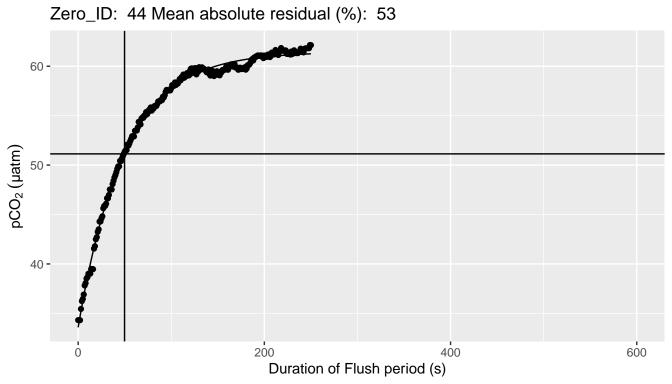


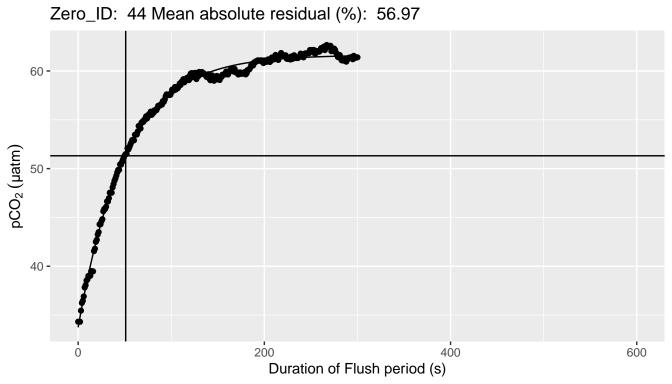


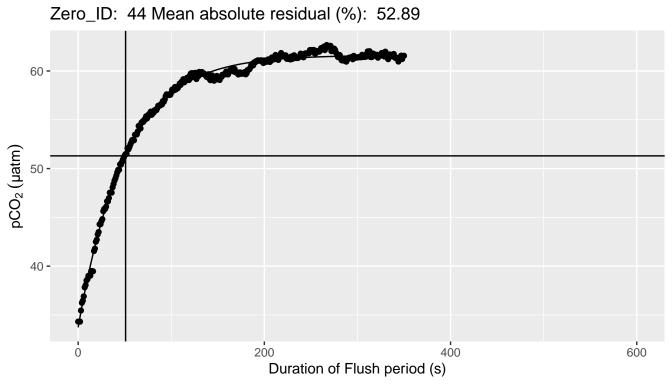


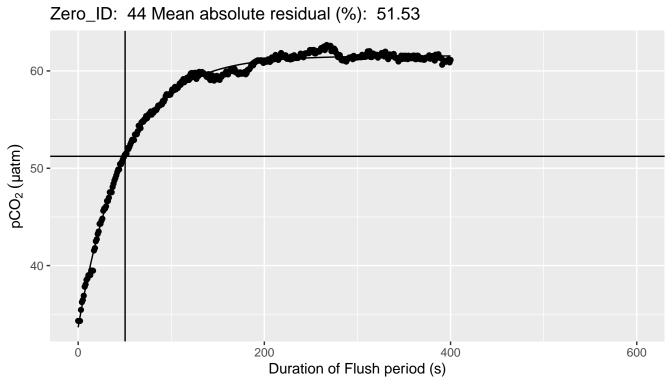


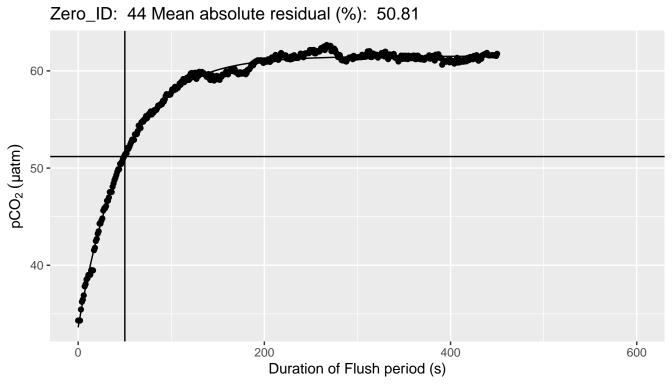


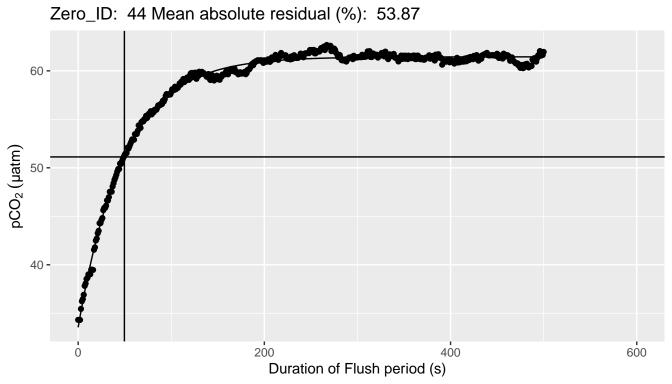


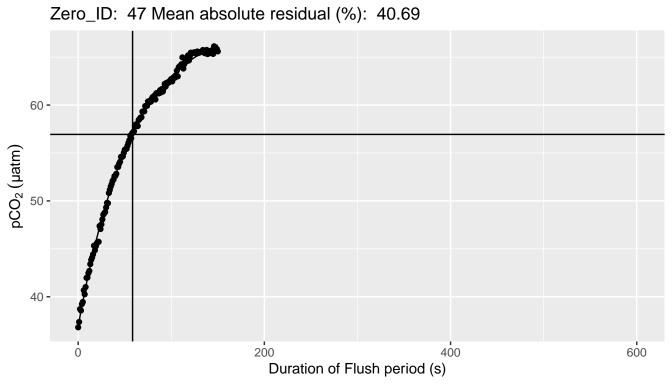


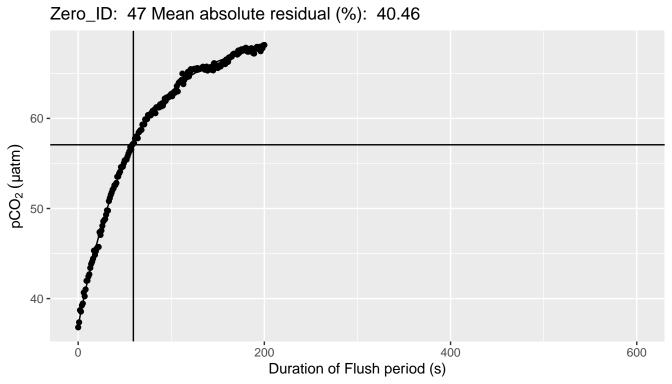


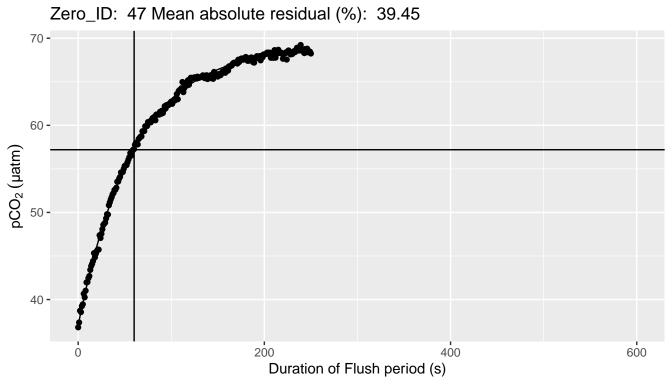


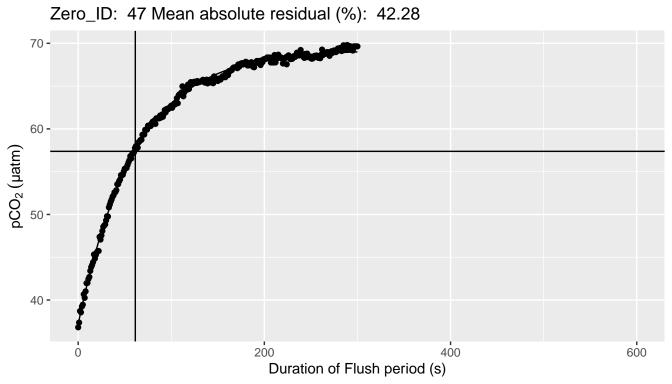


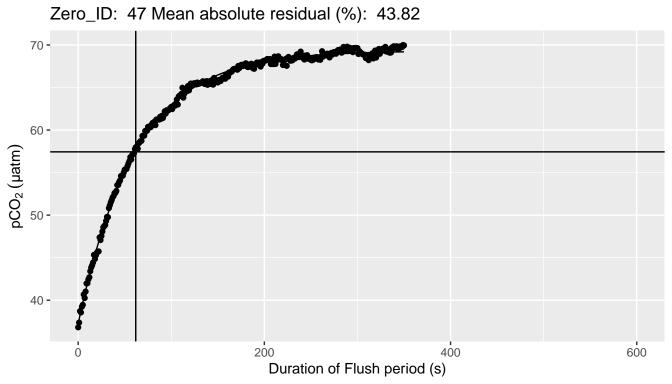


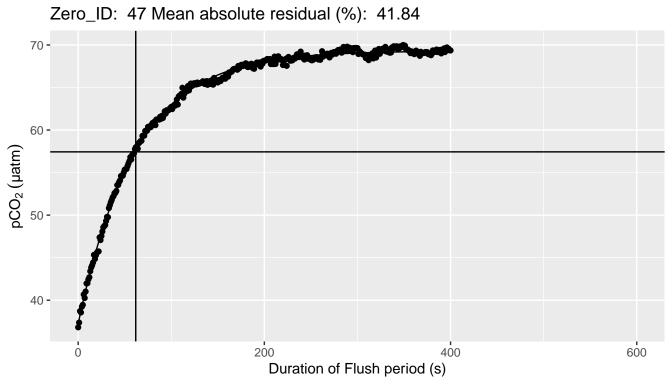


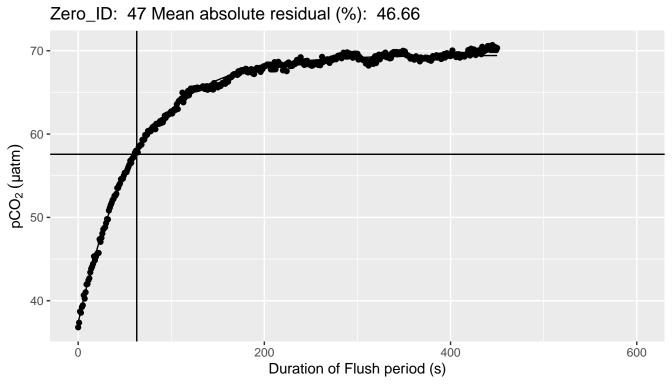


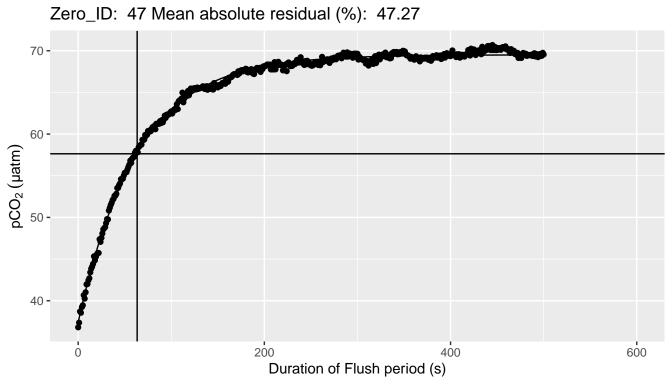


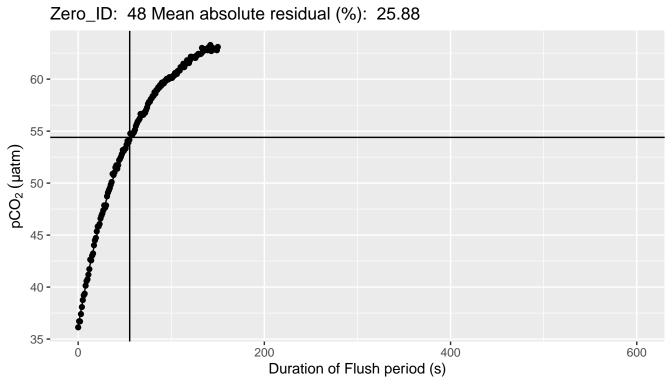


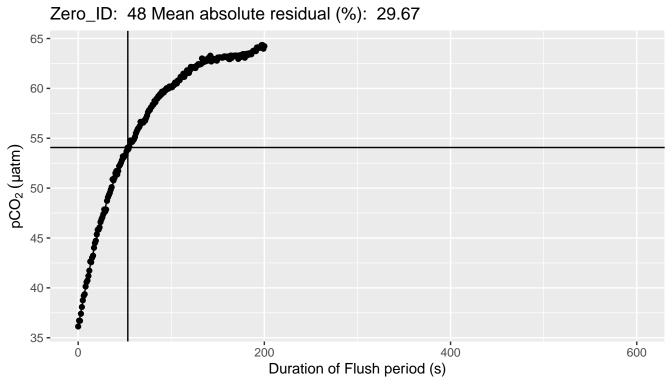


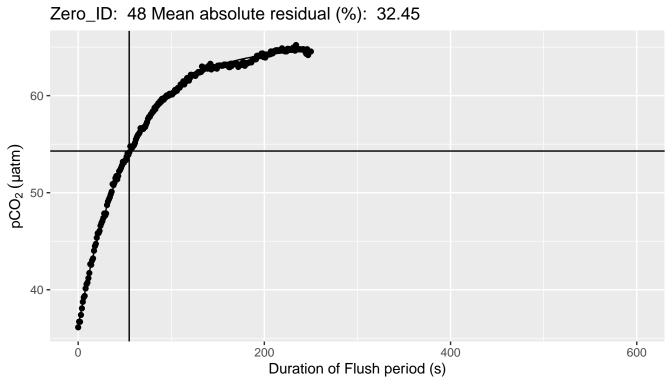


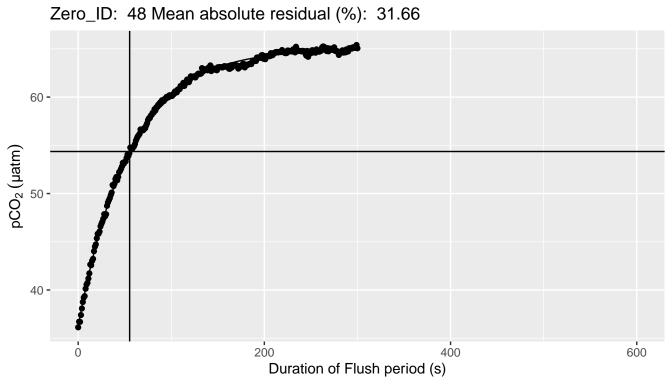


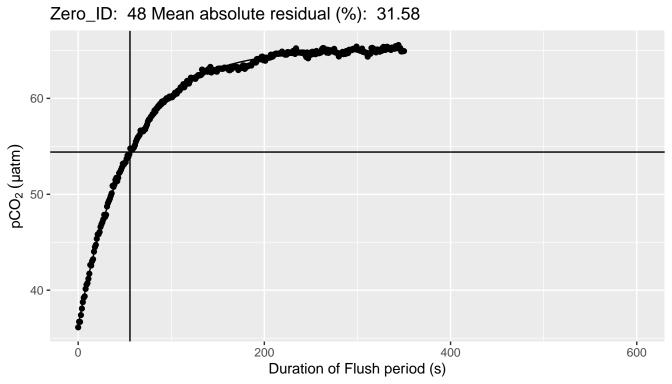


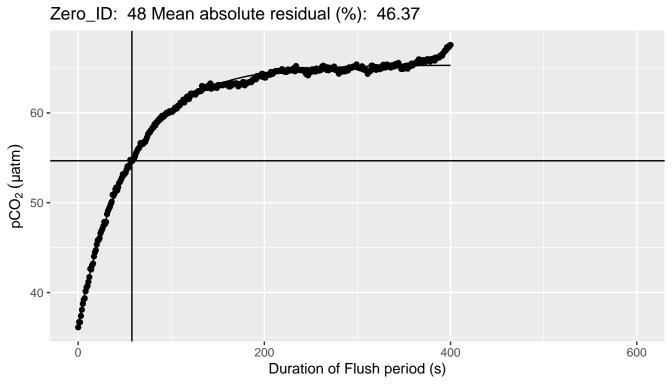


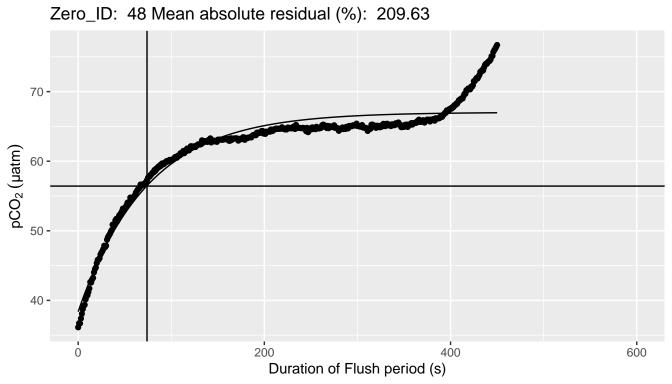




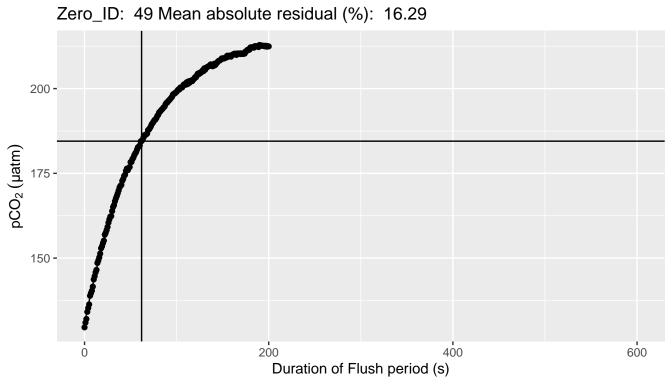


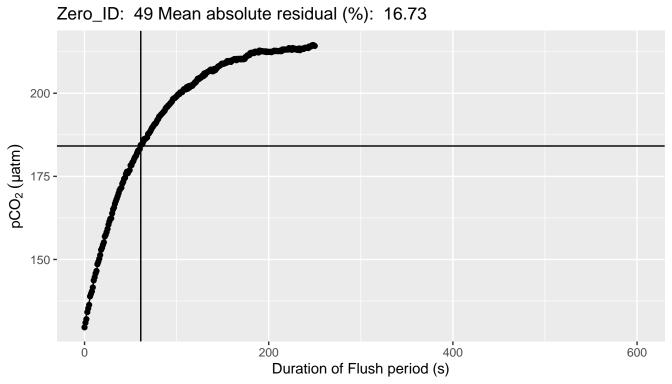


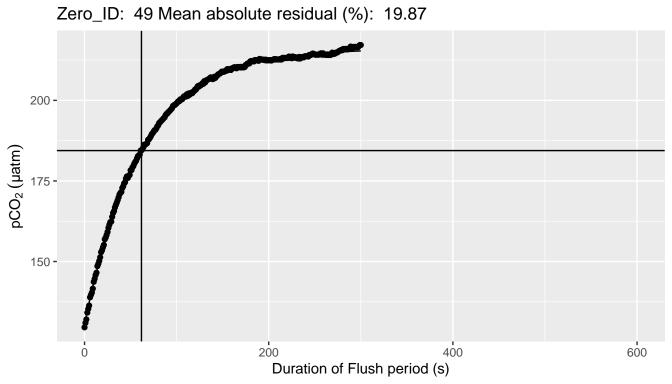




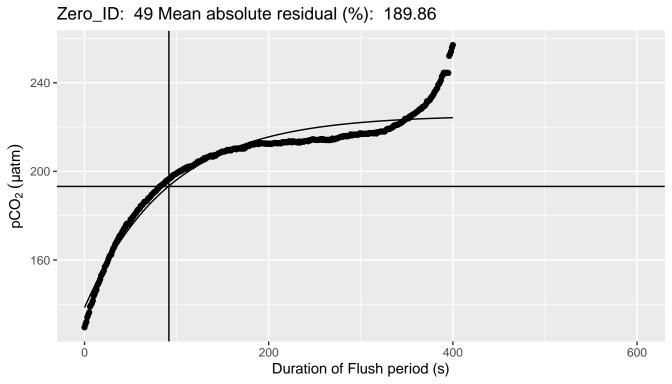
Zero_ID: 49 Mean absolute residual (%): 16.69 210 -190 pCO_2 (µatm) 170 -150 -130 -200 400 600 Duration of Flush period (s)

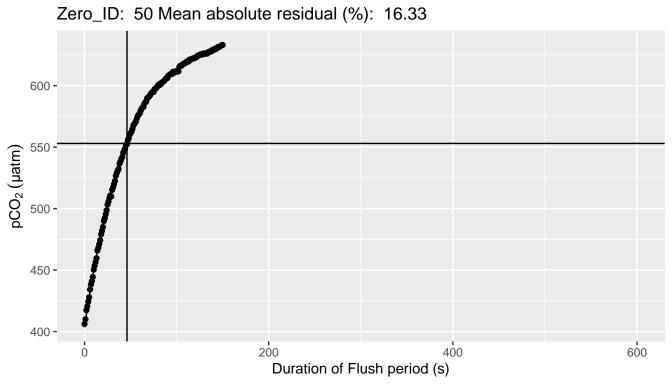


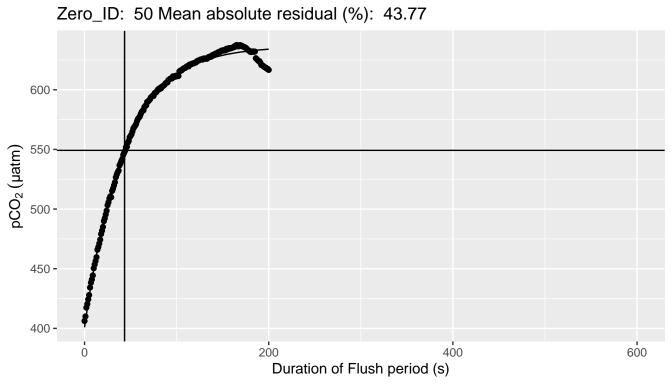


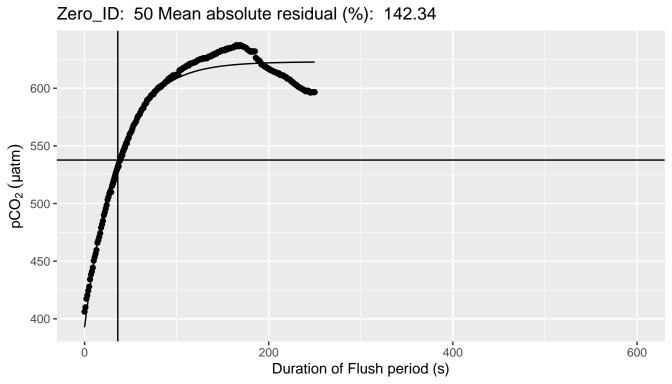


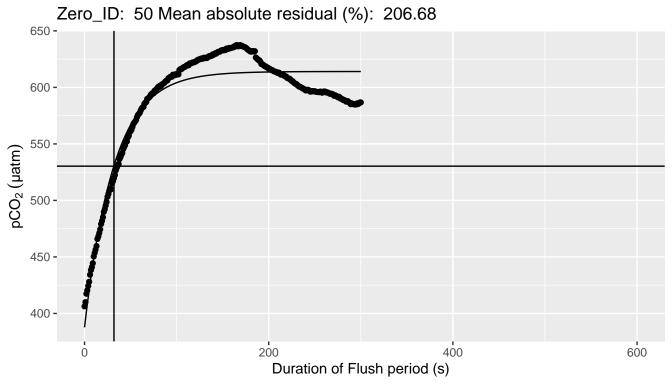
Zero_ID: 49 Mean absolute residual (%): 41.63 225 -200 pCO₂ (µatm) 150 **-**125 **-**200 400 600 Duration of Flush period (s)

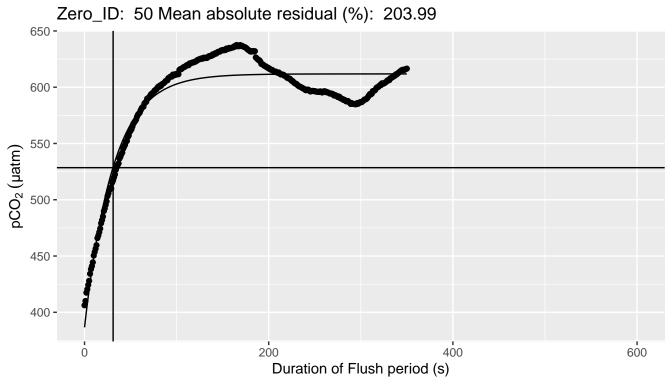


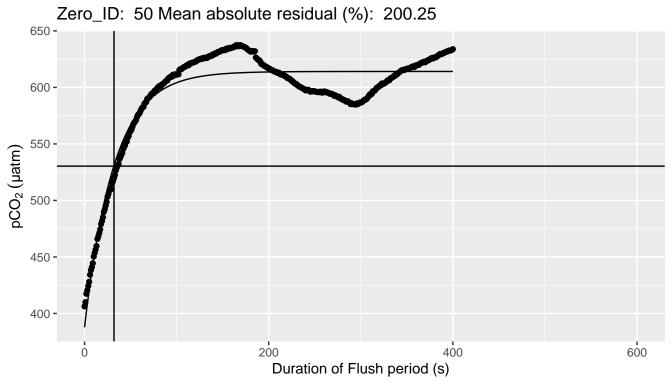


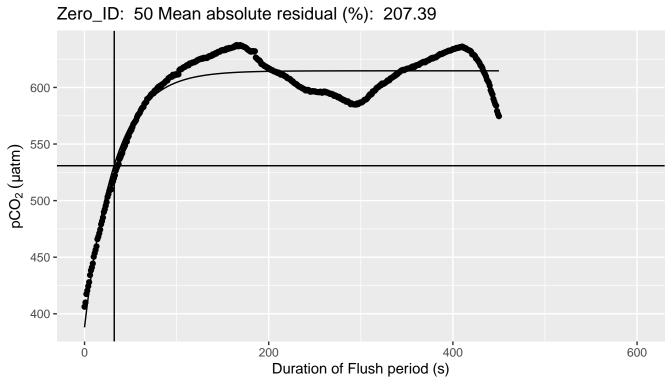


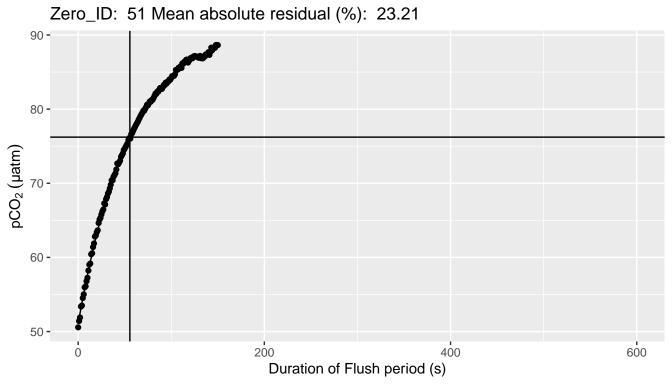












Zero_ID: 51 Mean absolute residual (%): 24.68 90 -80 pCO₂ (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

Zero_ID: 51 Mean absolute residual (%): 27.85 90 -80 pCO₂ (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

Zero_ID: 51 Mean absolute residual (%): 30.88 90 -80 pCO₂ (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

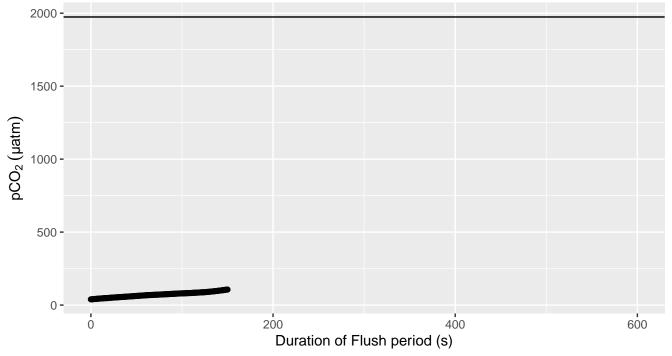
Zero_ID: 51 Mean absolute residual (%): 31.6 90 -80 pCO_2 (µatm) 60 -50 -200 400 600 Duration of Flush period (s)

Zero_ID: 51 Mean absolute residual (%): 32.45 90 -80 pCO_2 (µatm) 60 **-**50 -200 400 600 Duration of Flush period (s)

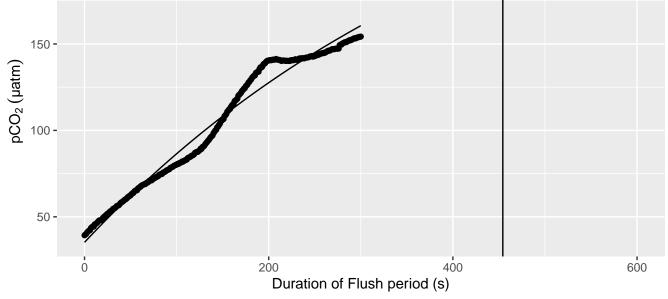
Zero_ID: 51 Mean absolute residual (%): 30.03 90 -80 pCO_2 (µatm) 60 **-**50 -200 400 600 Duration of Flush period (s)

Zero_ID: 51 Mean absolute residual (%): 29.32 90 -80 pCO_2 (µatm) 60 **-**50 -200 400 600 Duration of Flush period (s)

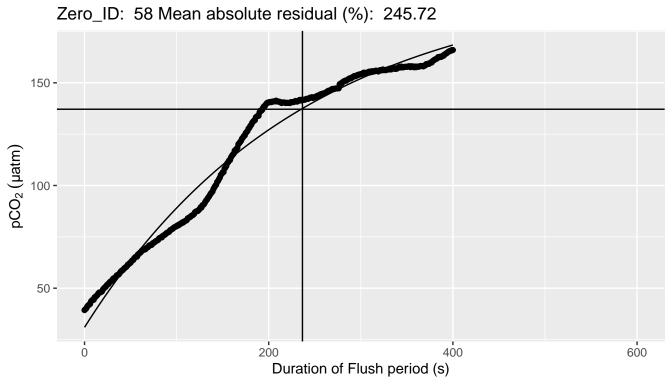
Zero_ID: 58 Mean absolute residual (%): 4.01

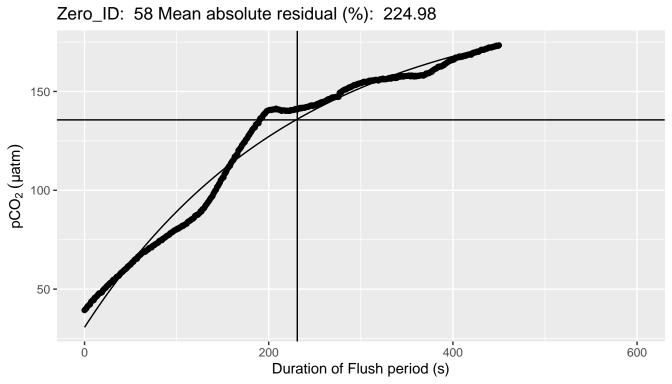


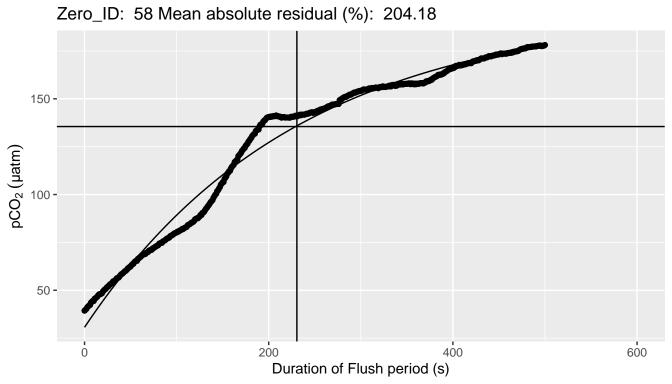
Zero_ID: 58 Mean absolute residual (%): 162.04 200 -150 pCO₂ (µatm)

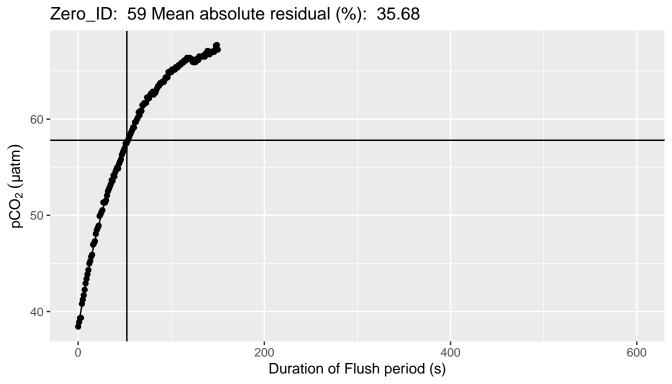


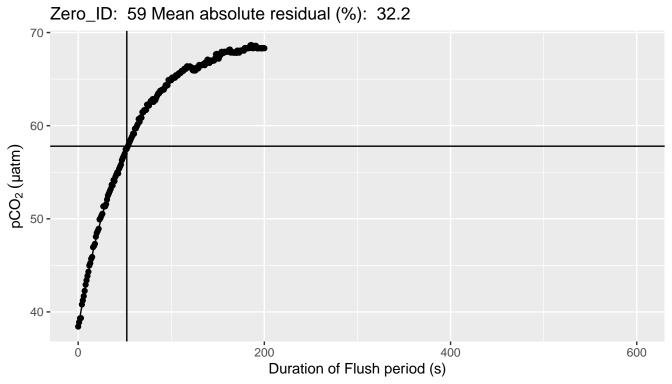
Zero_ID: 58 Mean absolute residual (%): 213.63 160 -120 pCO₂ (µatm) 80 -200 400 600 Duration of Flush period (s)

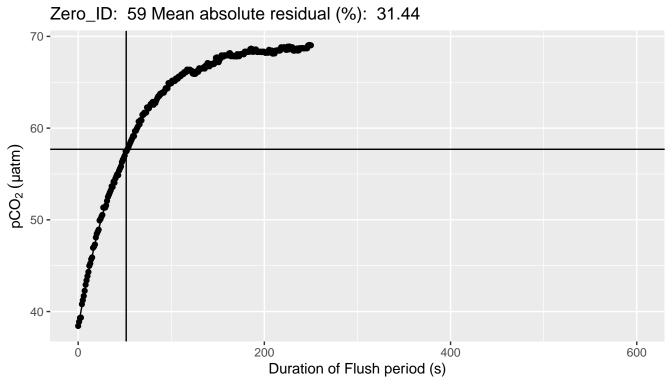


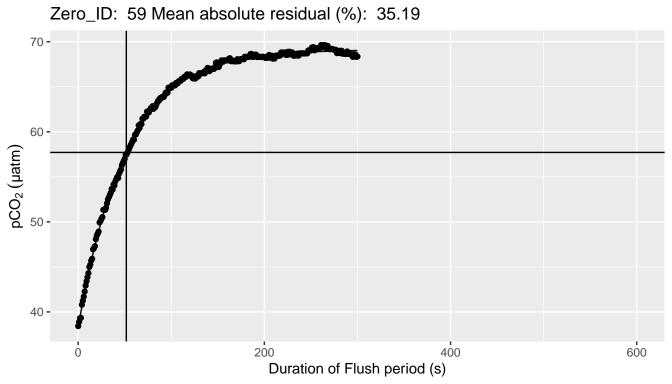


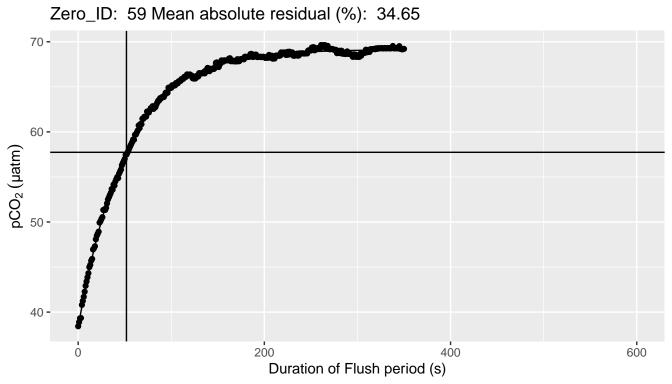


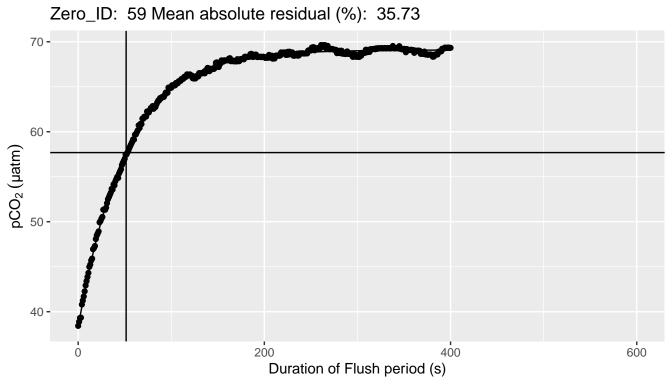


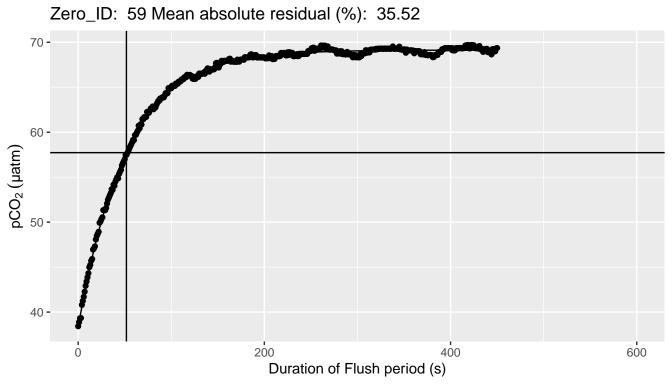


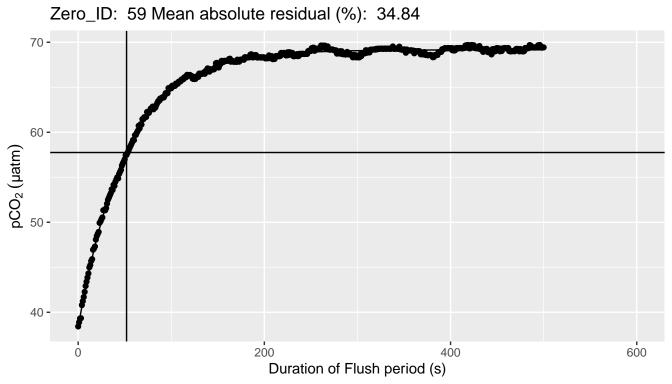


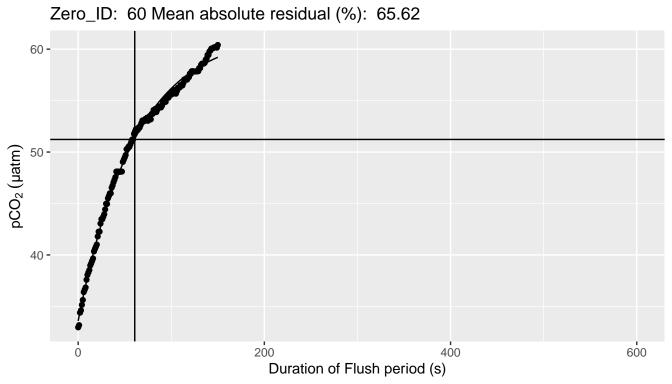


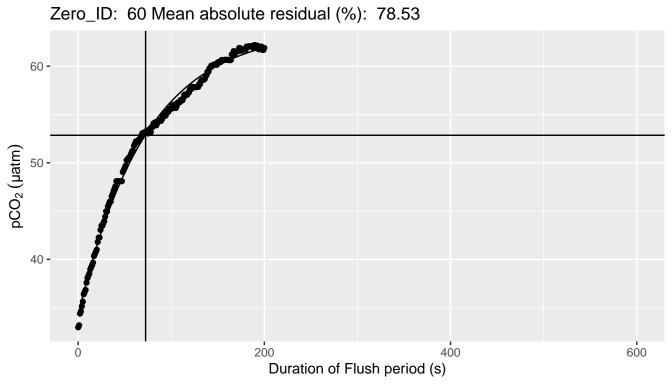


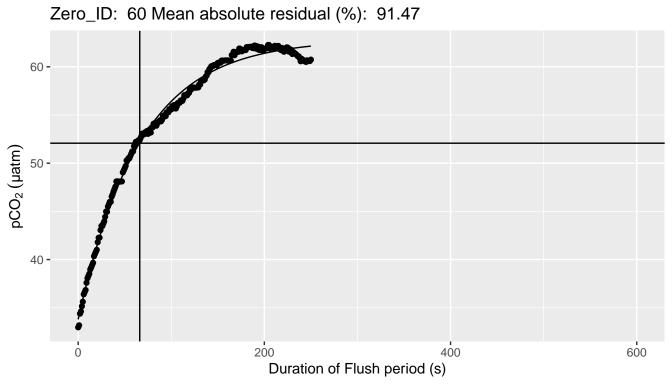


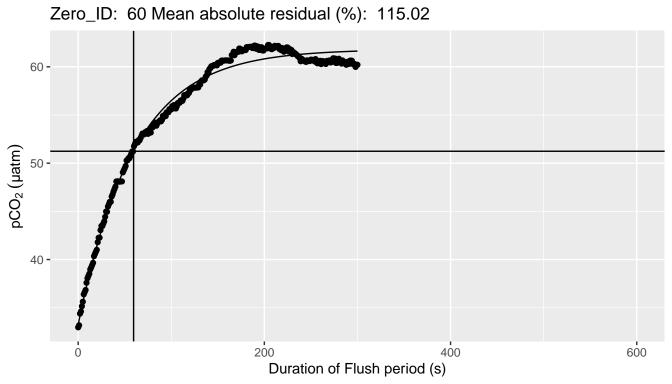


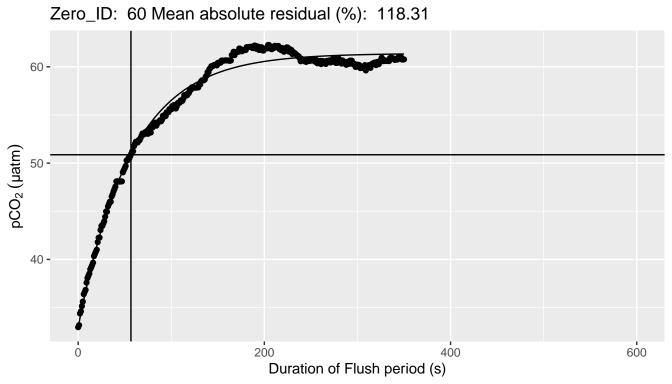


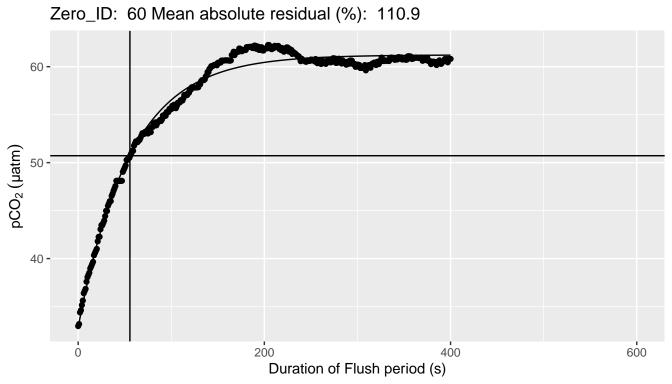


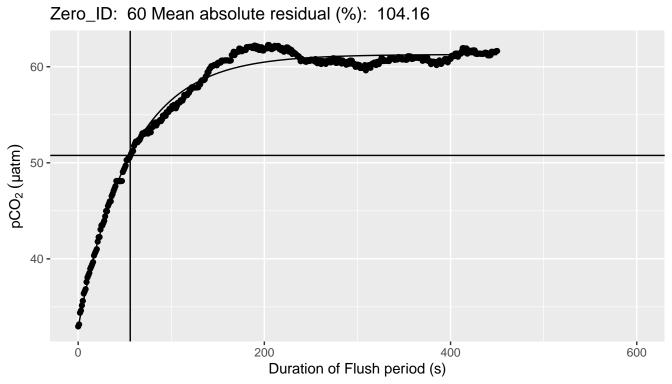


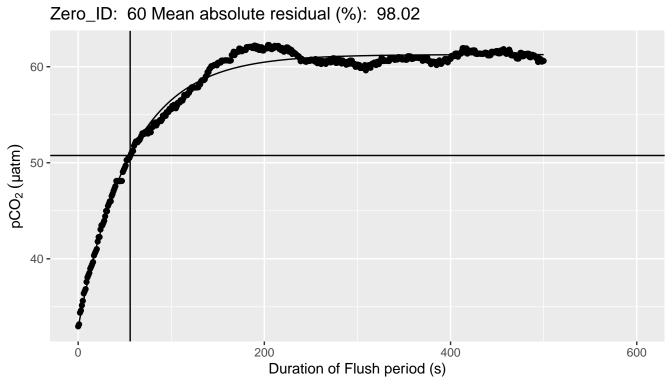


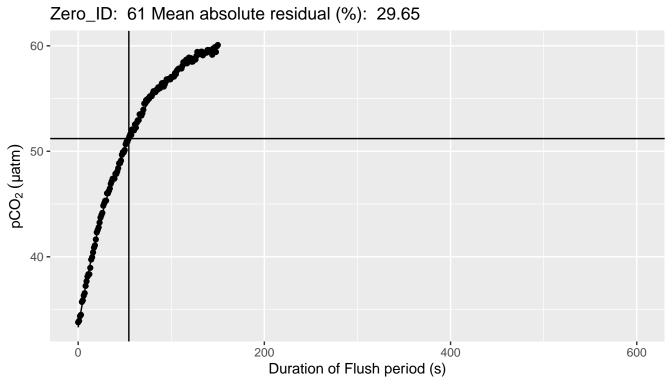


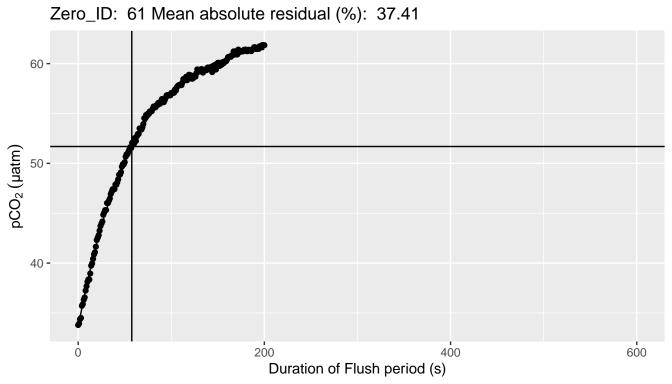


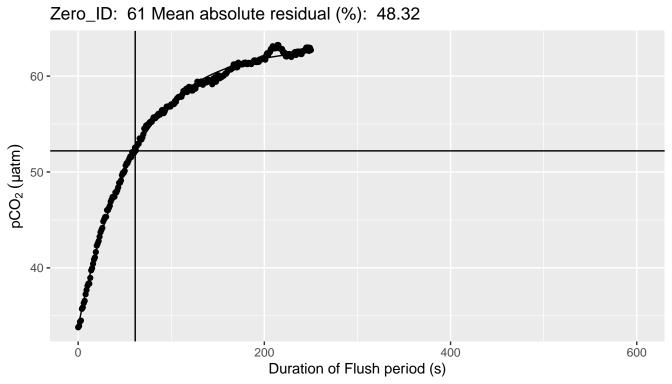


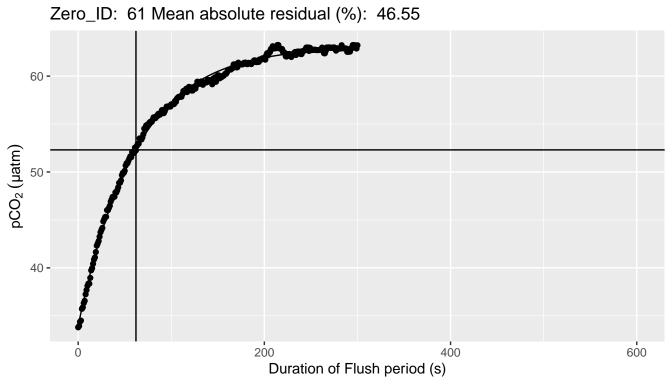


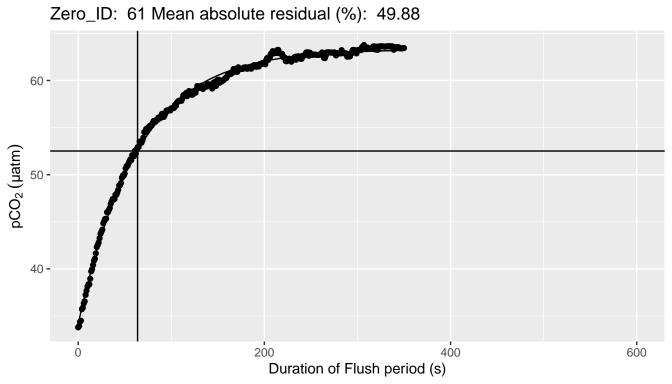


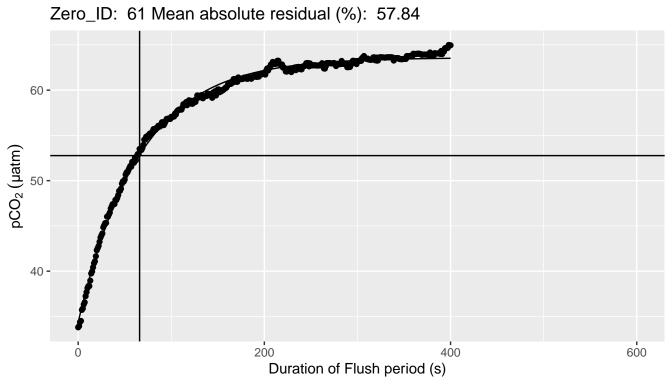


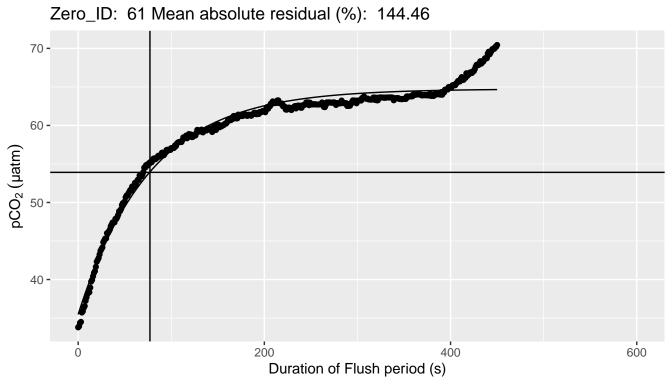




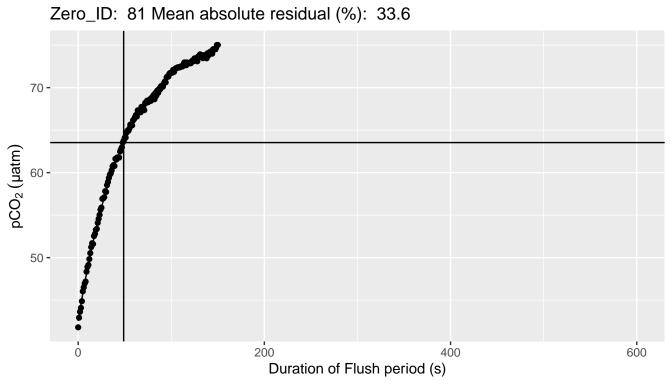


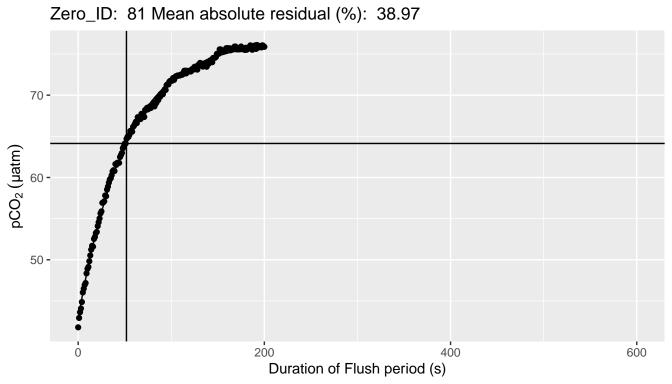


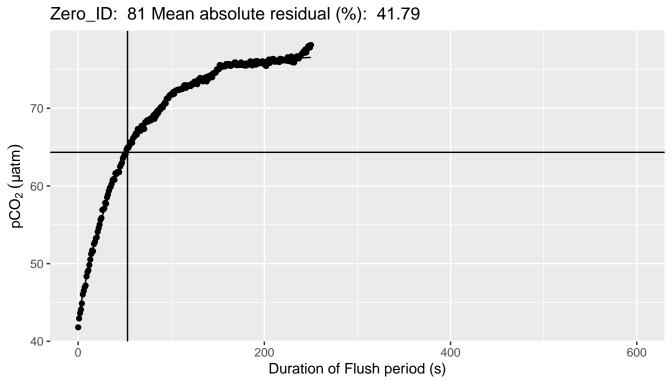


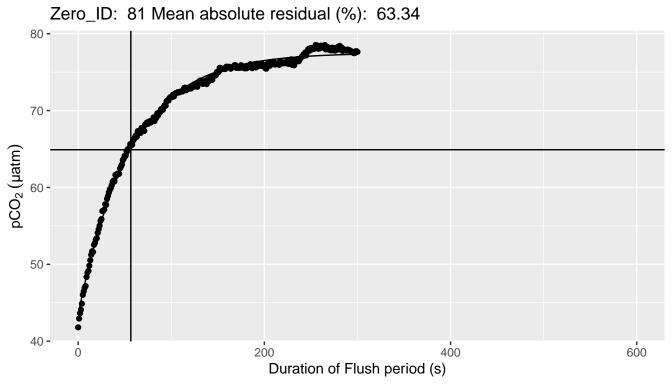


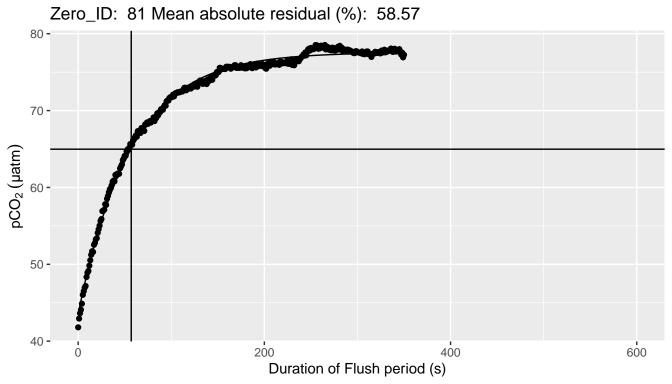
Zero_ID: 61 Mean absolute residual (%): 340.46 80 -70 pCO₂ (µatm) 40 -200 600 400 Duration of Flush period (s)

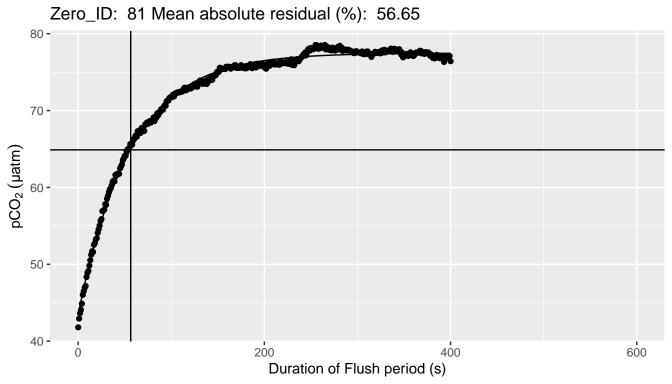


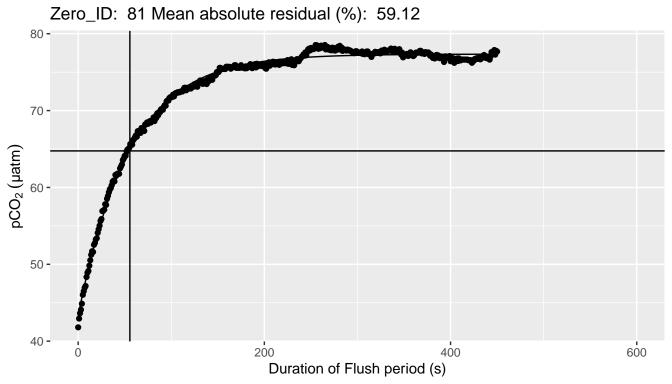


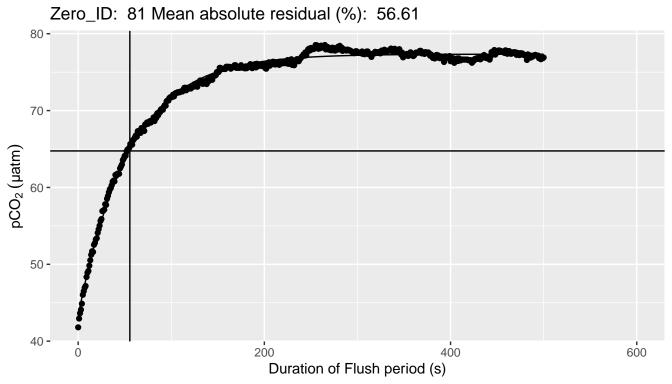


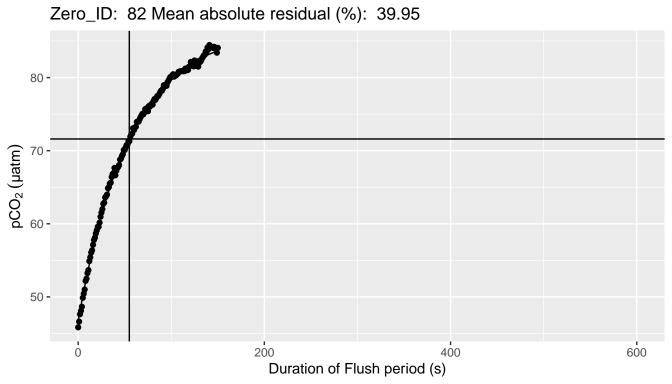


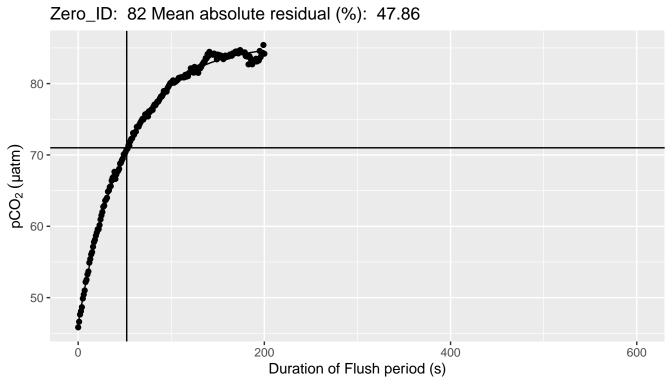


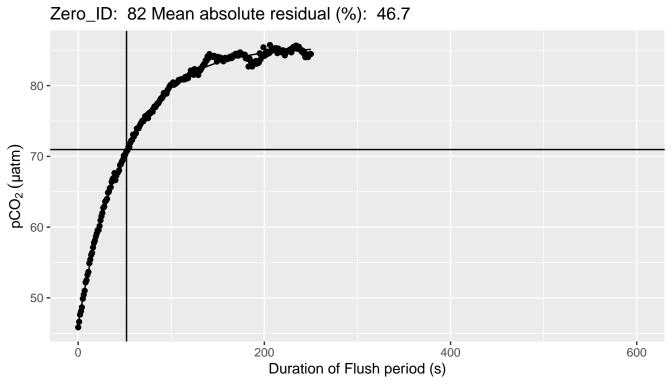


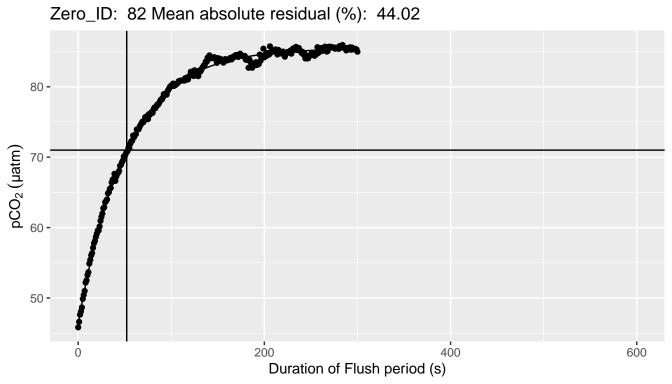


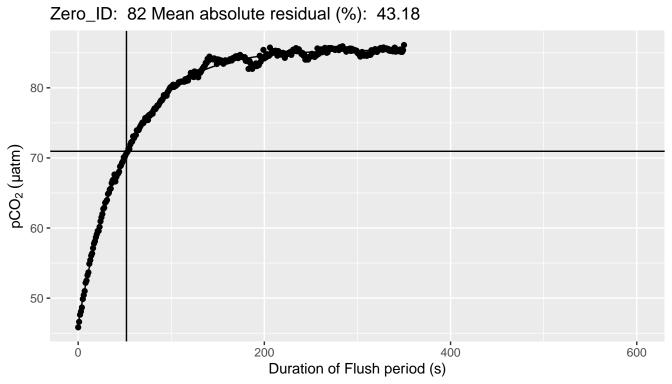


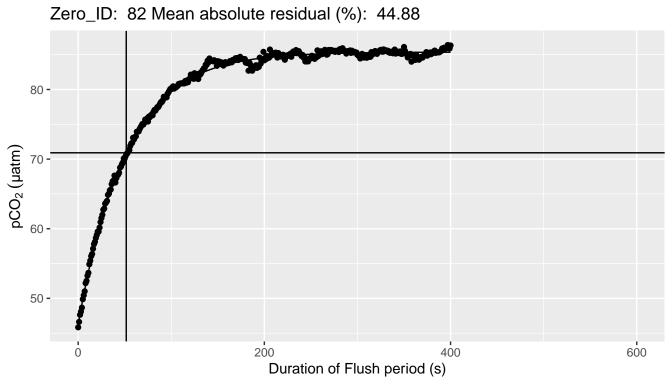


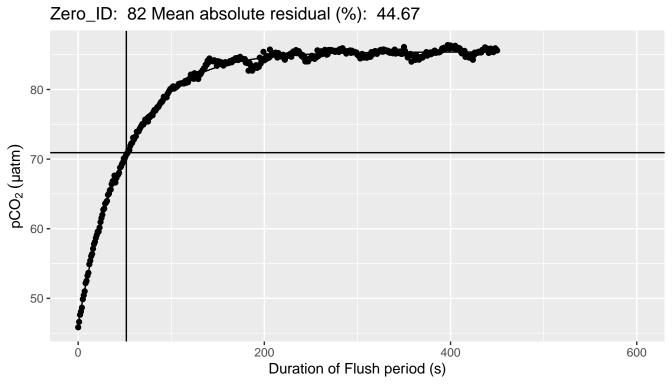


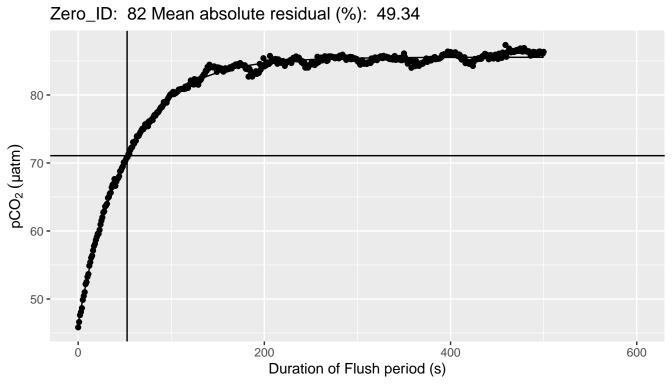






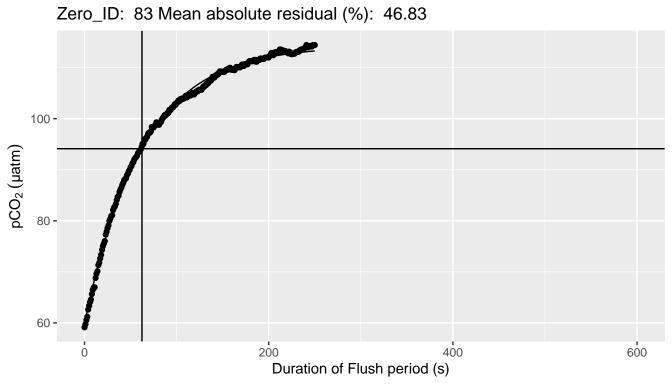


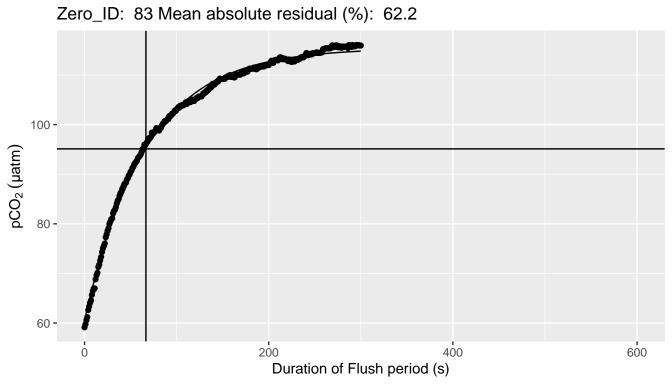


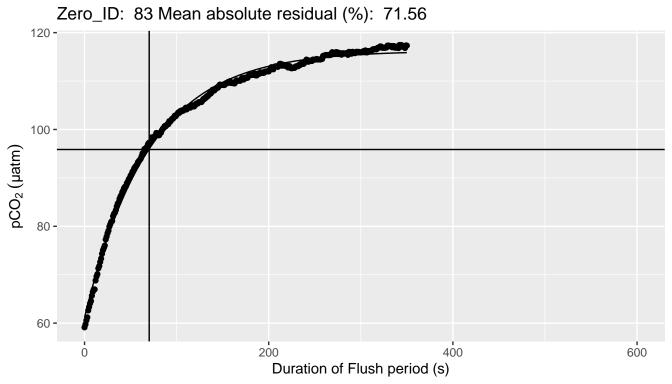


Zero_ID: 83 Mean absolute residual (%): 30.23 110 -100 pCO₂ (µatm) 90 -70 -60 -200 400 600 Duration of Flush period (s)

Zero_ID: 83 Mean absolute residual (%): 39.72 110 -100 pCO_2 (µatm) 90 -80 -70 -60 -200 400 600 Duration of Flush period (s)



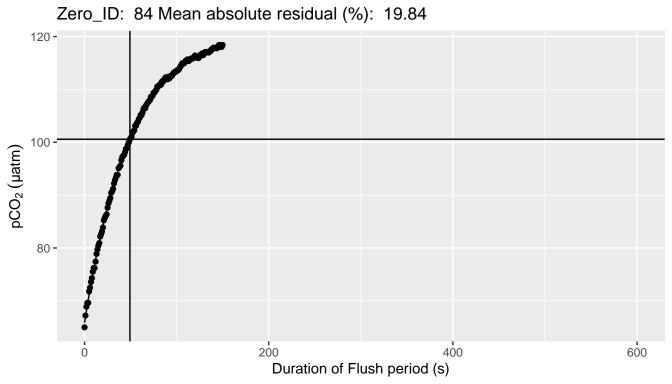


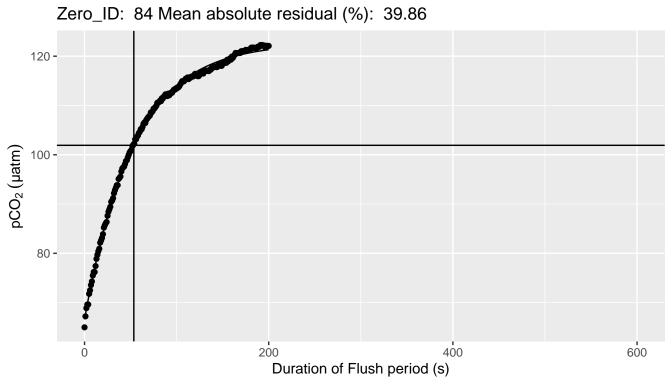


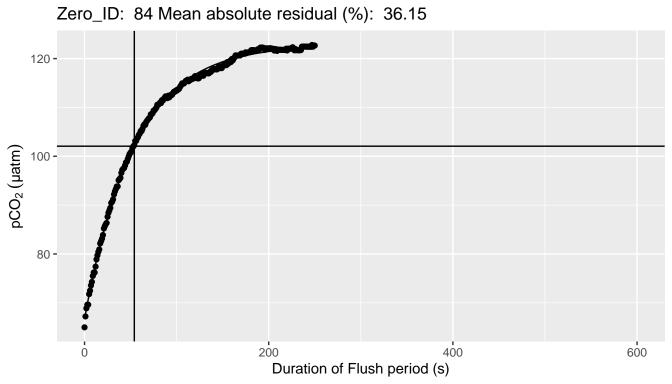
Zero_ID: 83 Mean absolute residual (%): 77.4 120 -100 pCO₂ (µatm) 80 -60 -200 400 600 Duration of Flush period (s)

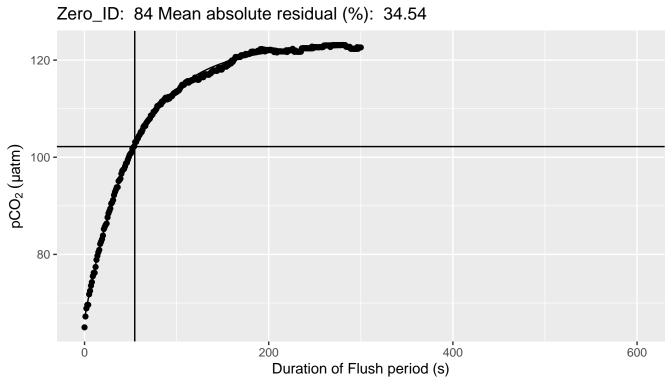
Zero_ID: 83 Mean absolute residual (%): 82.23 120 -100 pCO₂ (µatm) 80 -60 -200 400 600 Duration of Flush period (s)

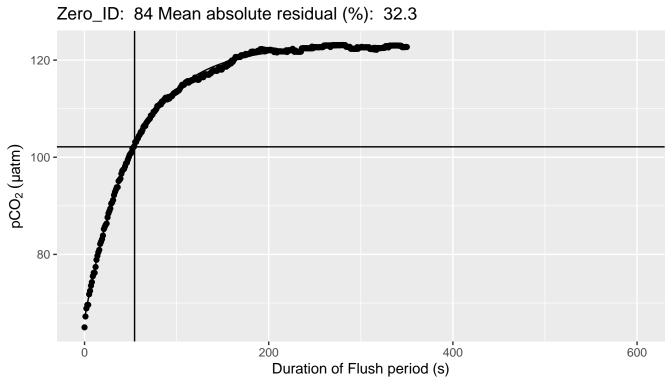
Zero_ID: 83 Mean absolute residual (%): 78.66 120 -100 pCO₂ (µatm) 80 -60 -200 400 600 Duration of Flush period (s)

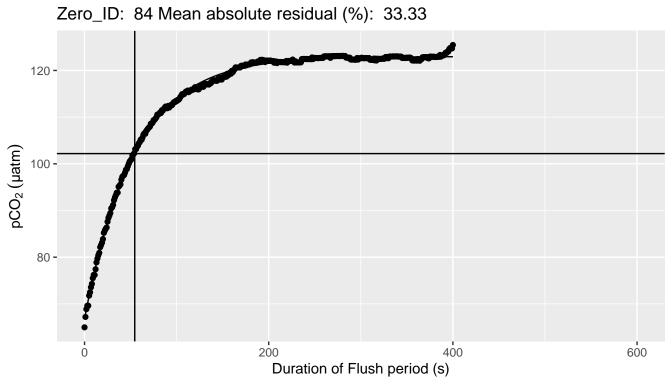


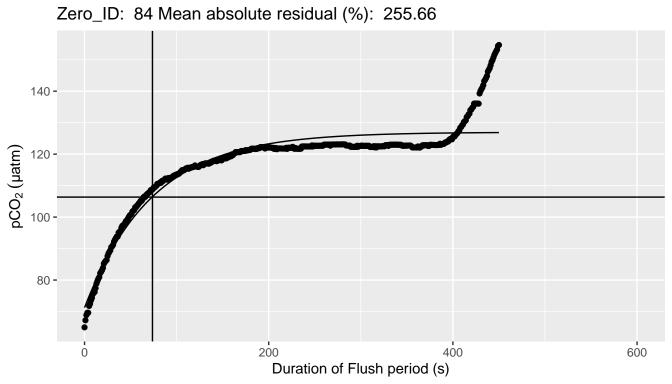




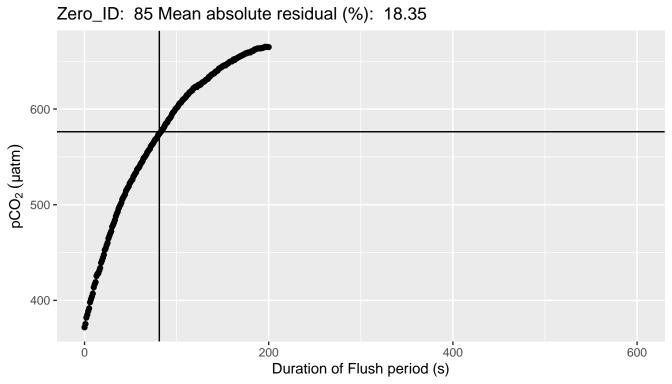


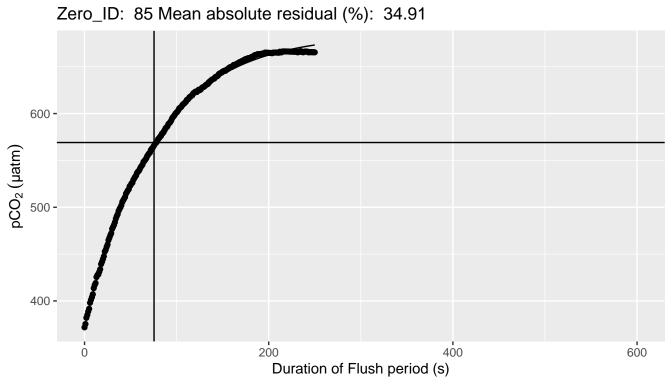


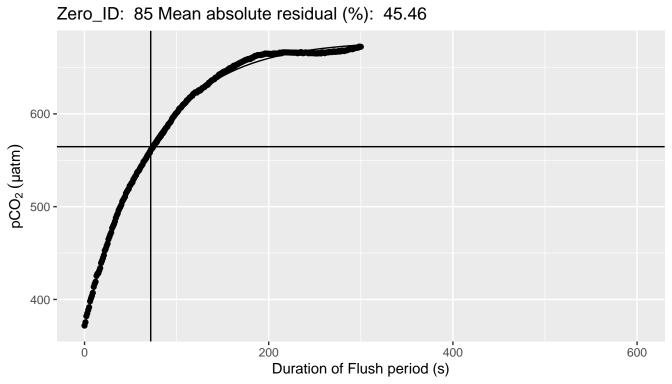


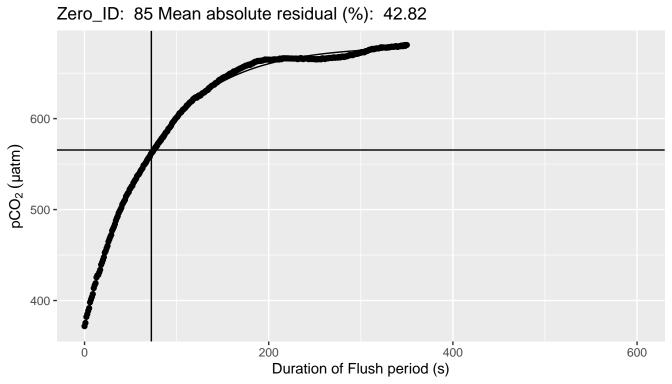


Zero_ID: 85 Mean absolute residual (%): 21.4 650 -600 pCO₂ (µatm) 550 **-**450 **-**400 -200 400 600 Duration of Flush period (s)





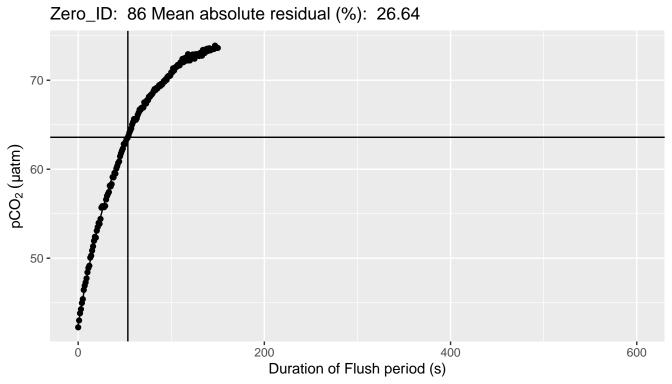


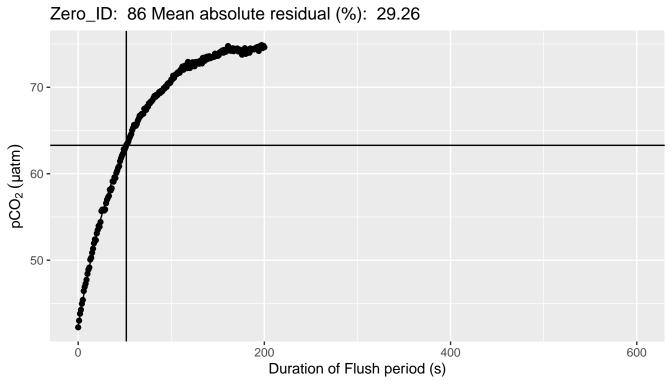


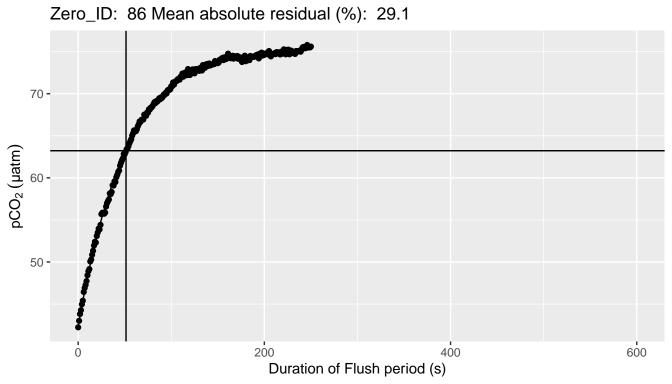
Zero_ID: 85 Mean absolute residual (%): 55.9 700 -600 pCO₂ (µatm) 400 -200 600 400 Duration of Flush period (s)

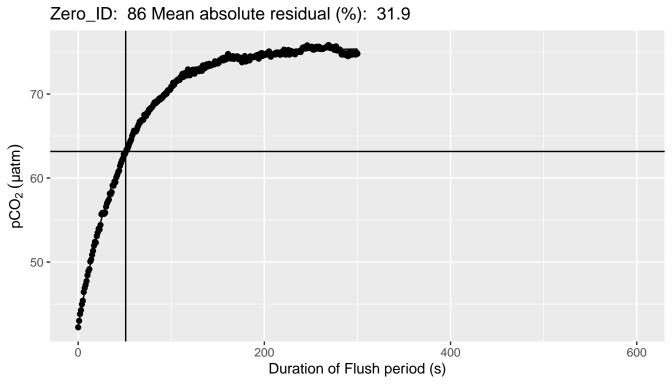
Zero_ID: 85 Mean absolute residual (%): 81.3 700 -600 pCO₂ (µatm) 400 -200 600 400 Duration of Flush period (s)

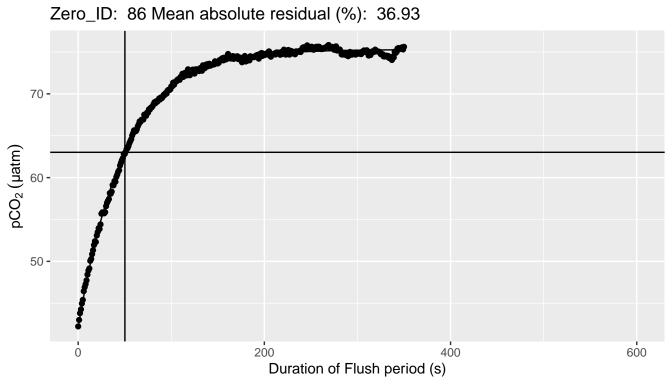
Zero_ID: 85 Mean absolute residual (%): 94.79 700 -600 pCO₂ (µatm) 400 -200 600 400 Duration of Flush period (s)

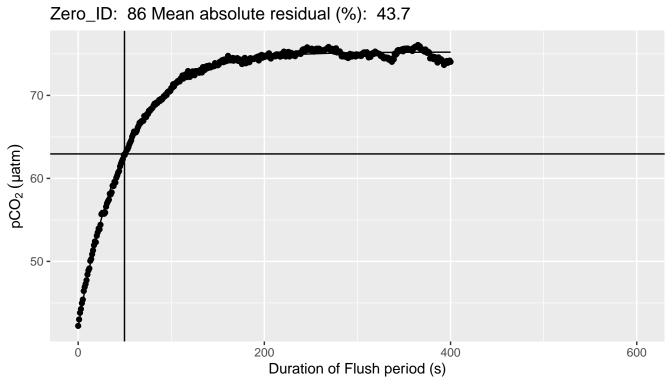


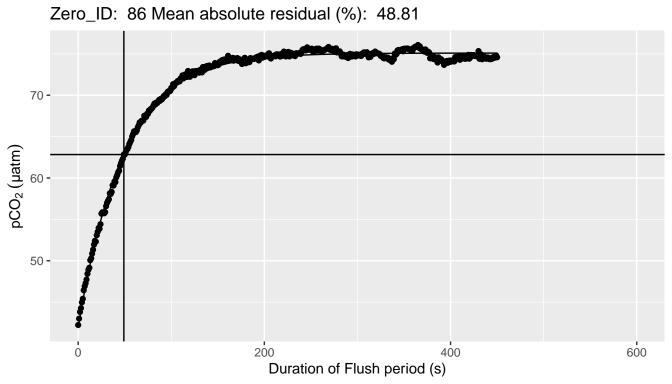


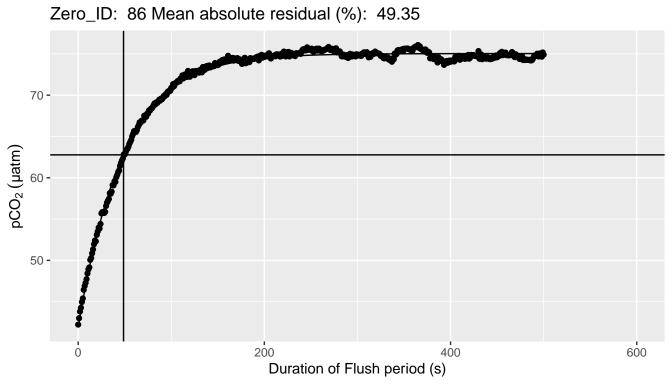


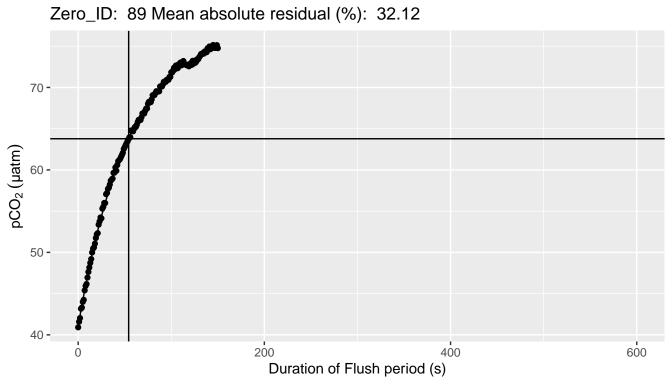


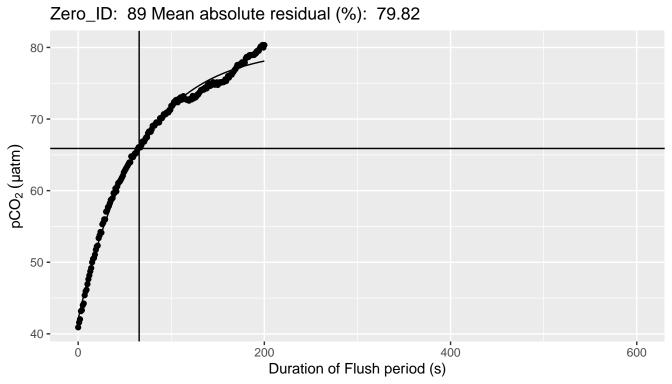


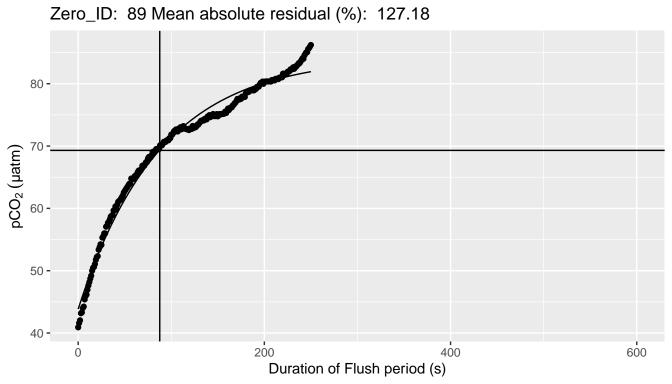




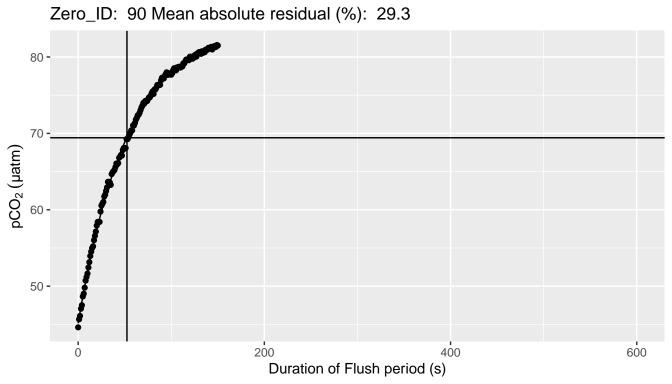


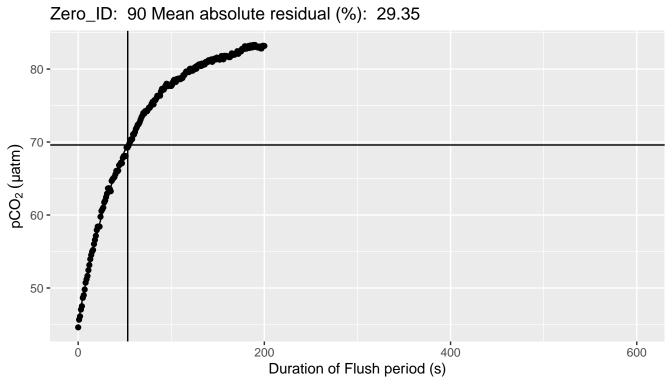


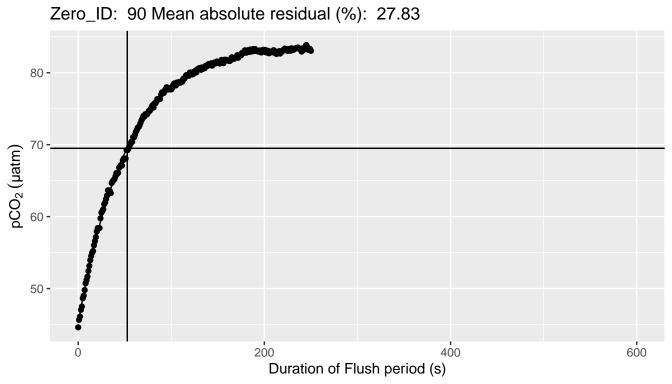


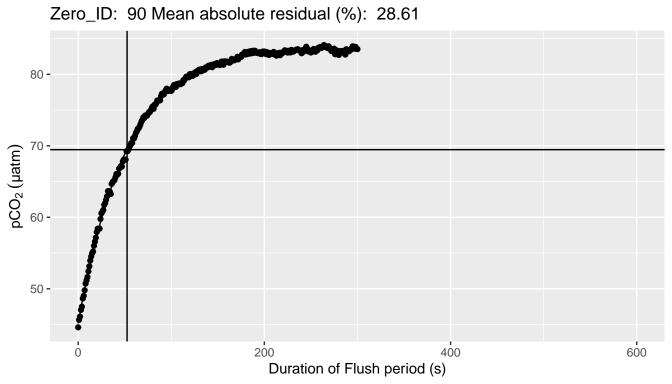


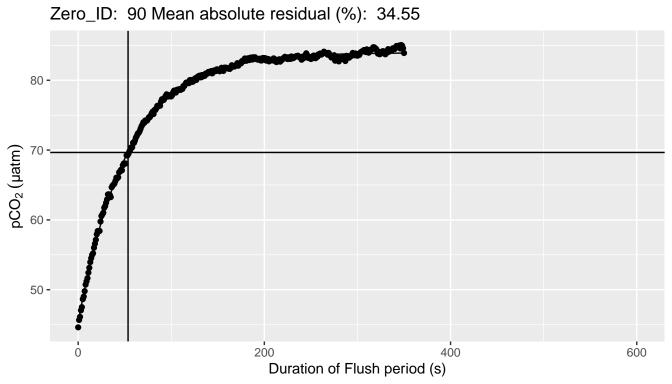
Zero_ID: 89 Mean absolute residual (%): 146.91 160 -120 pCO₂ (µatm) 80 -40 -200 400 600 Duration of Flush period (s)

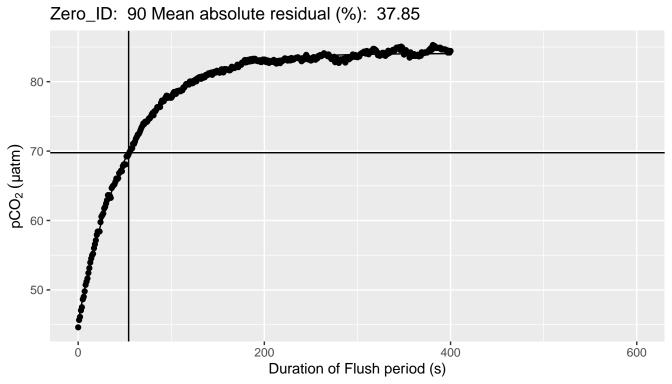


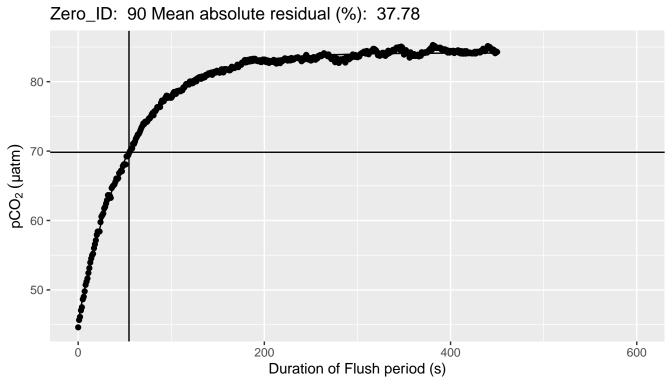


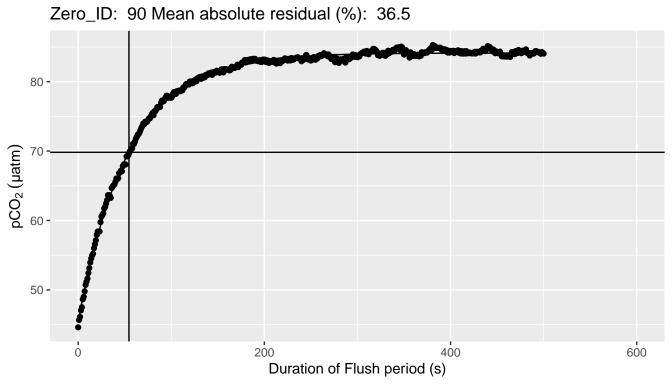


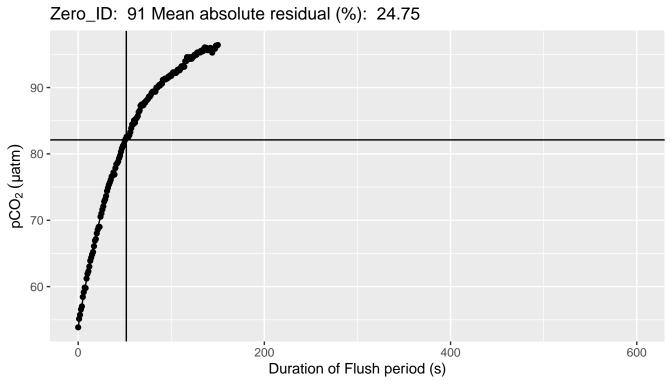


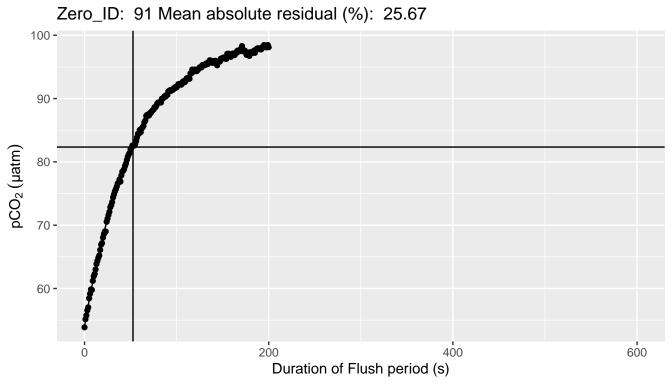






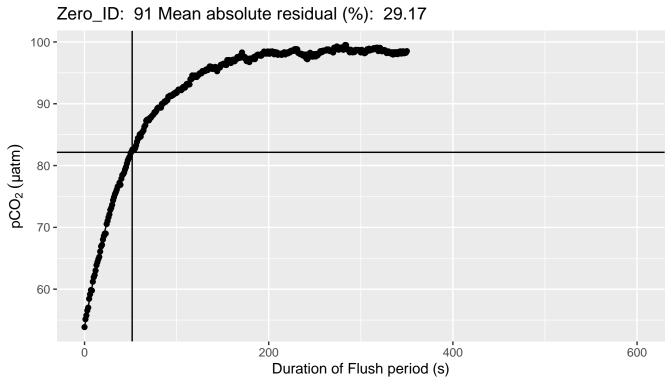


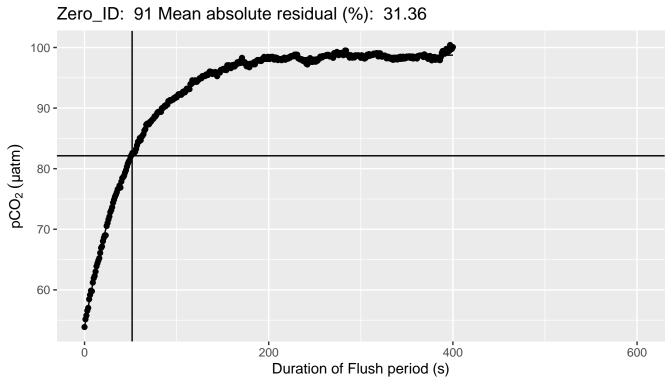


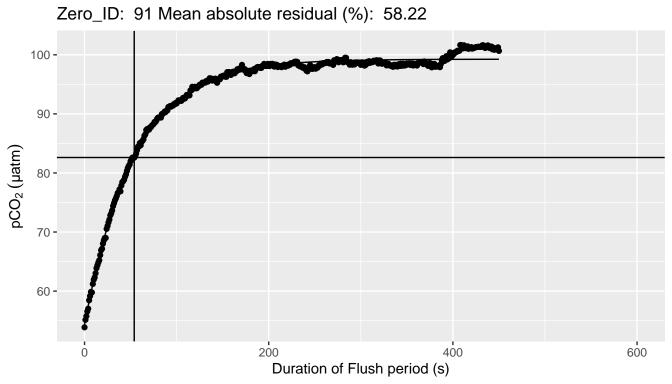


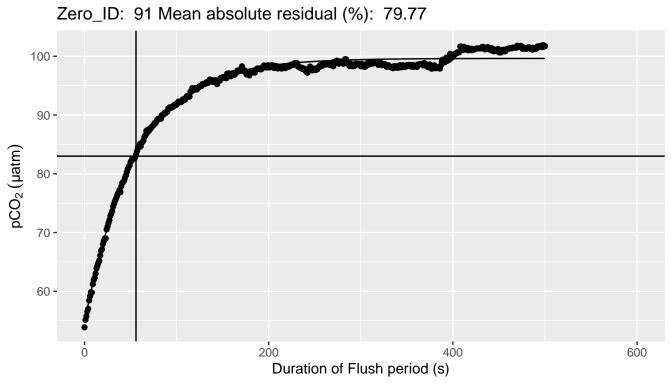
Zero_ID: 91 Mean absolute residual (%): 28.53 100 -90 pCO₂ (µatm) 80 -70 -60 -200 400 600 Duration of Flush period (s)

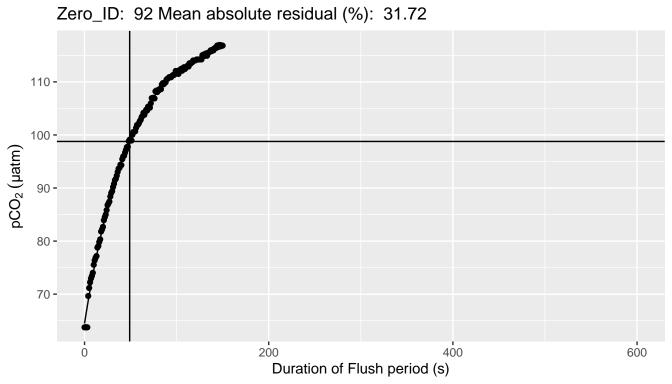
Zero_ID: 91 Mean absolute residual (%): 28.13 100 -90 pCO₂ (µatm) 80 -70 -60 -200 400 600 Duration of Flush period (s)

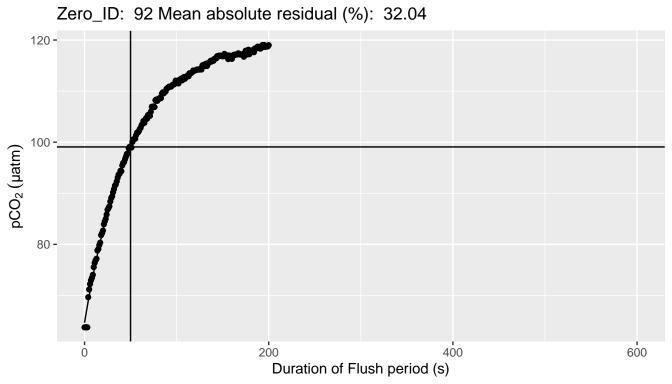


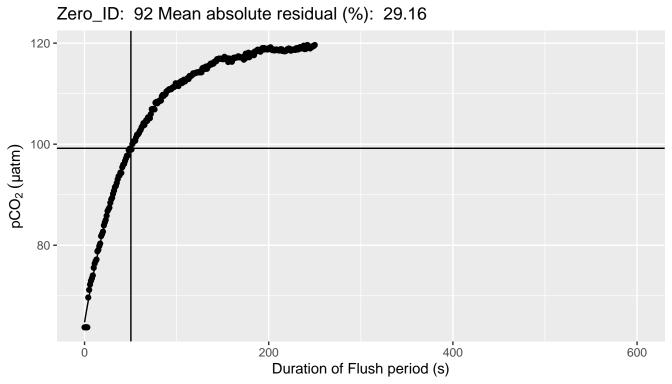


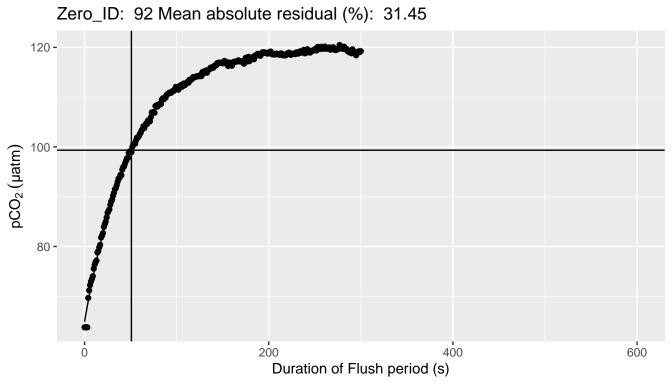


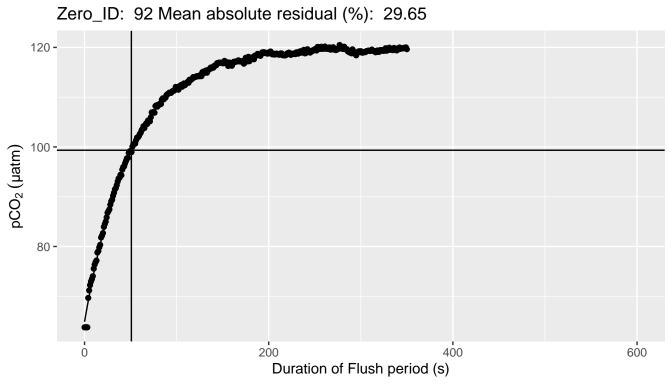


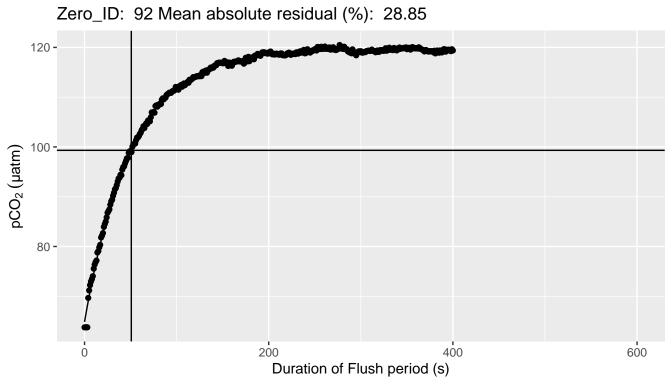


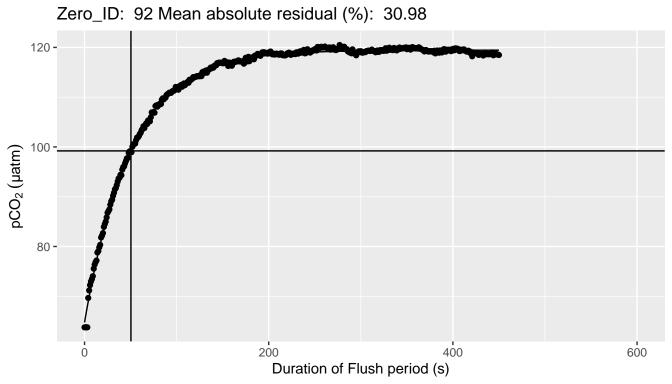


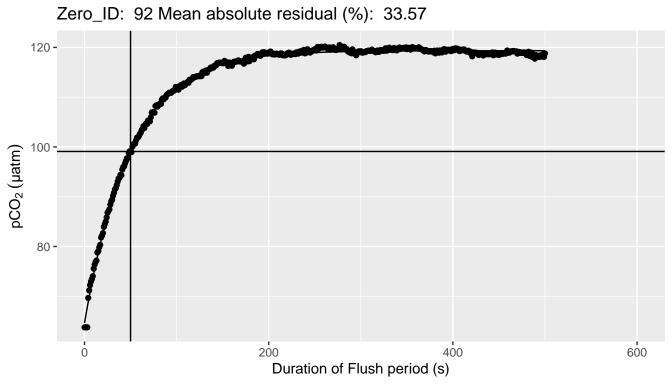


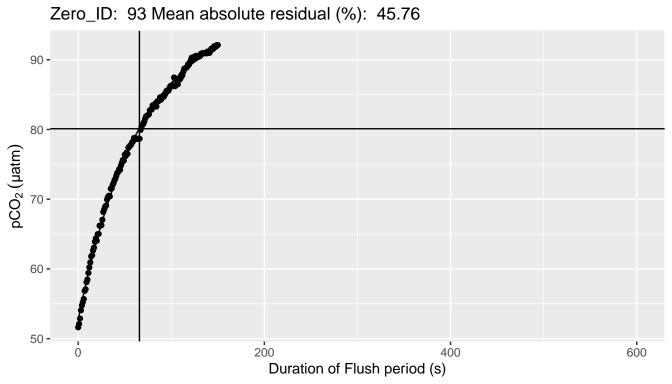




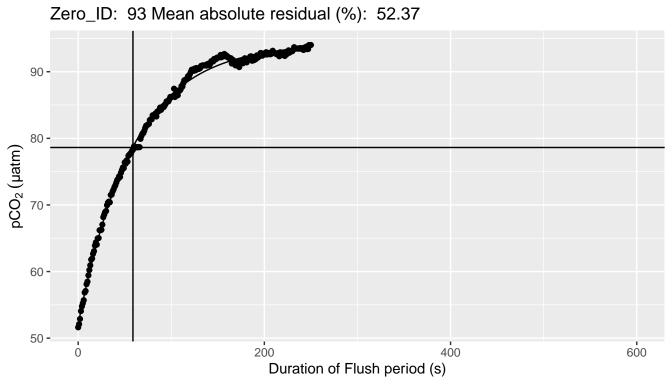


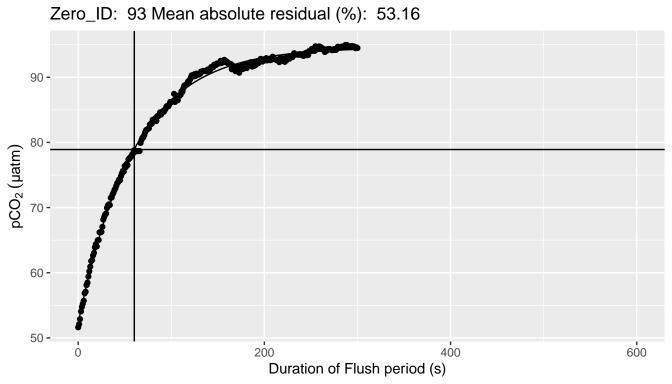


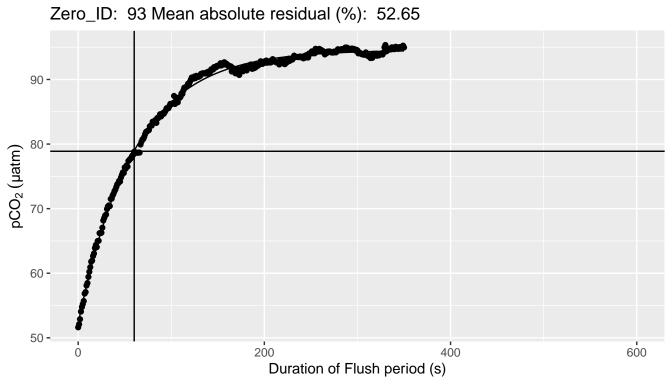


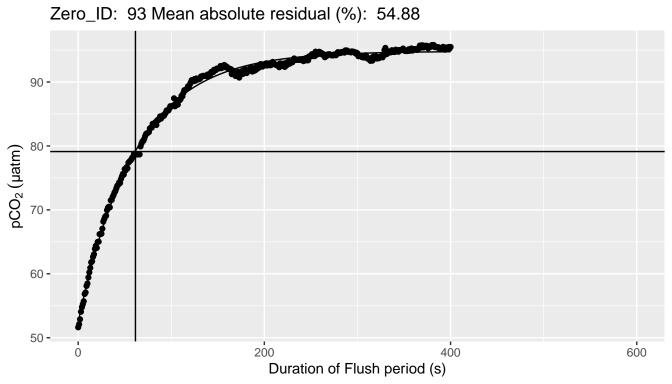


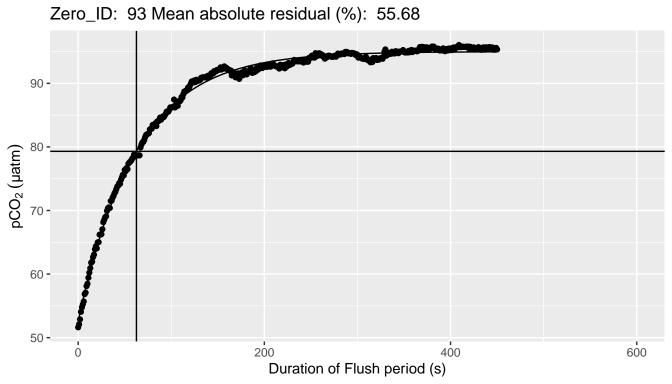
Zero_ID: 93 Mean absolute residual (%): 58.55 90 -80 pCO₂ (µatm) 60 -50 -200 600 400 Duration of Flush period (s)

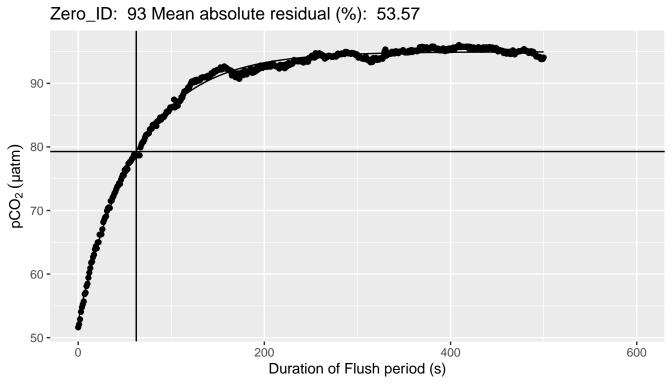


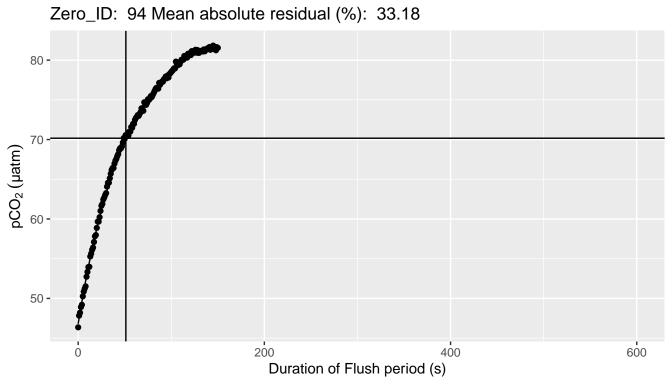


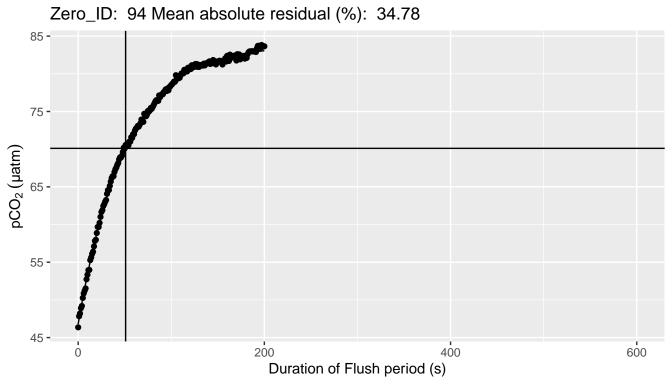


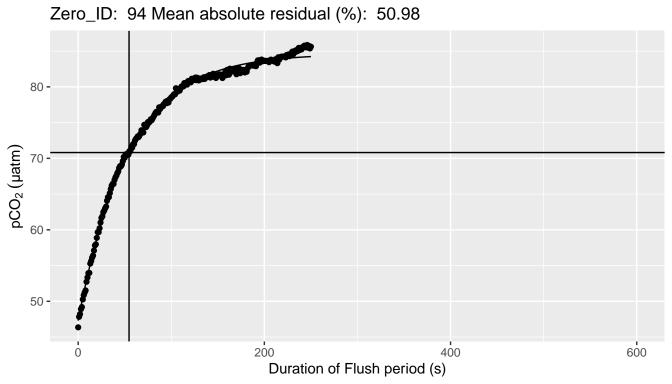


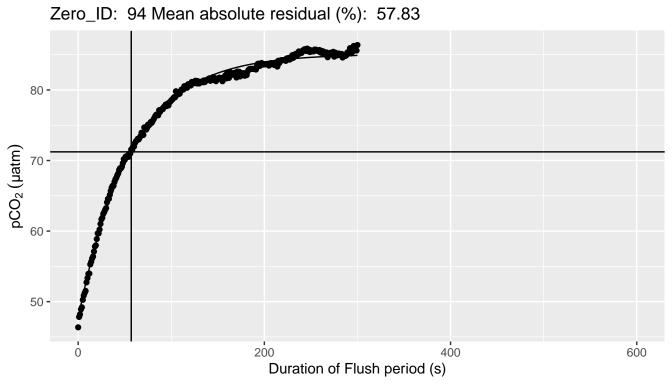


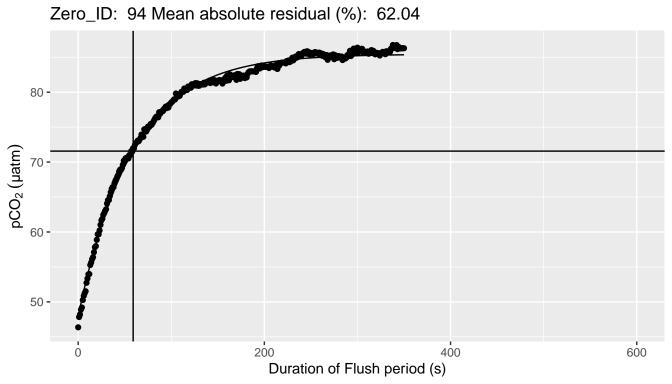


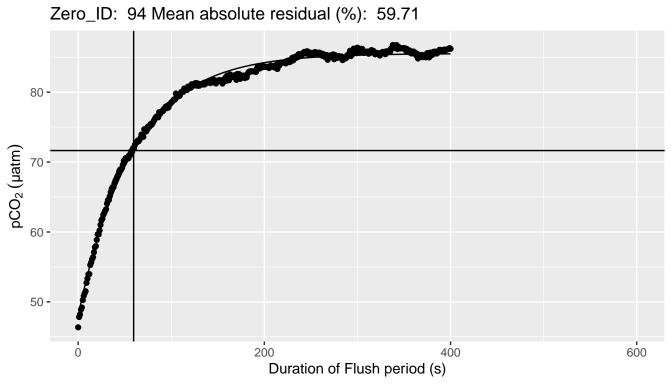


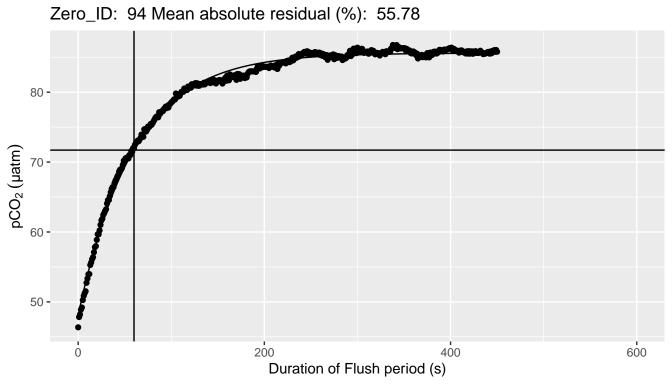


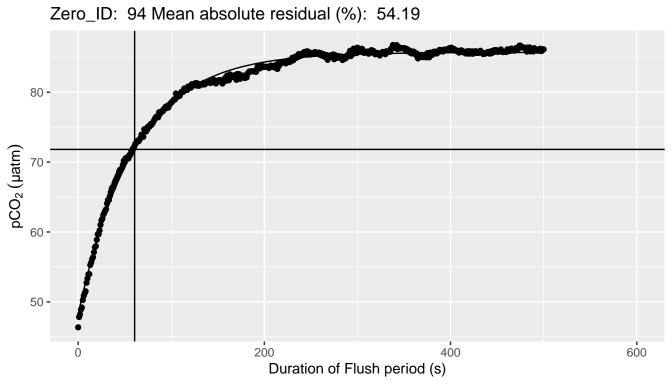


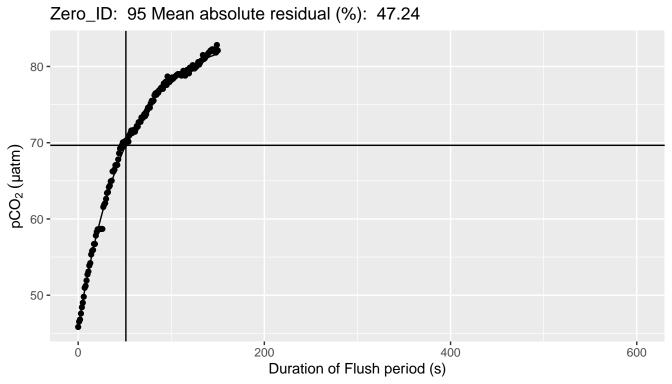


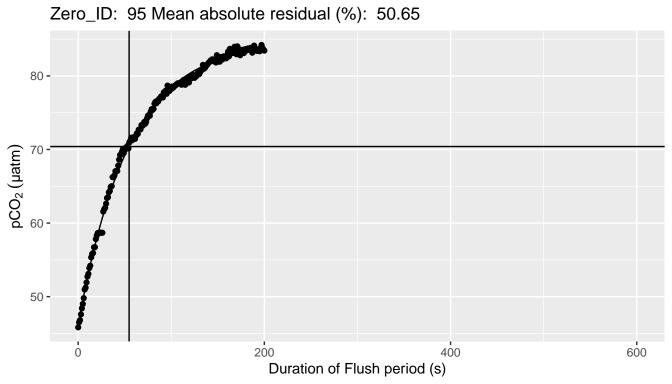


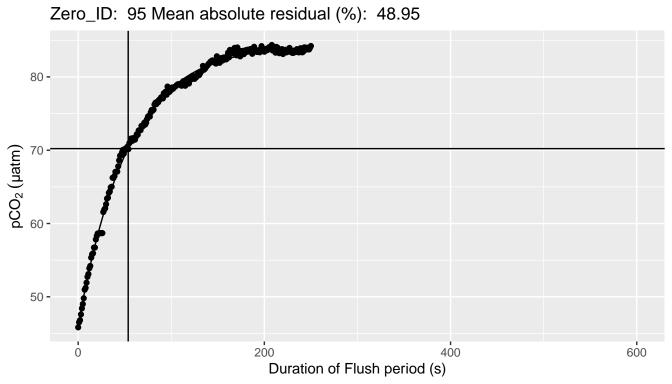


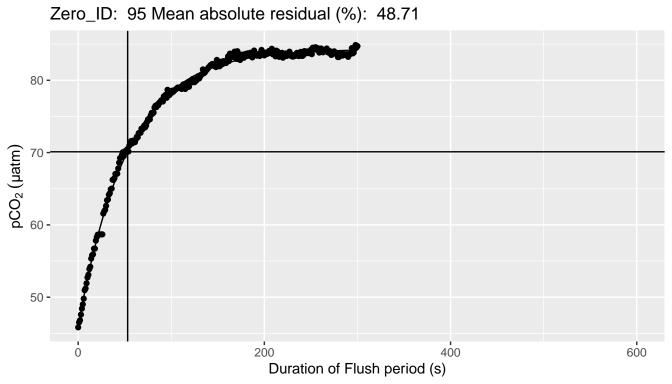


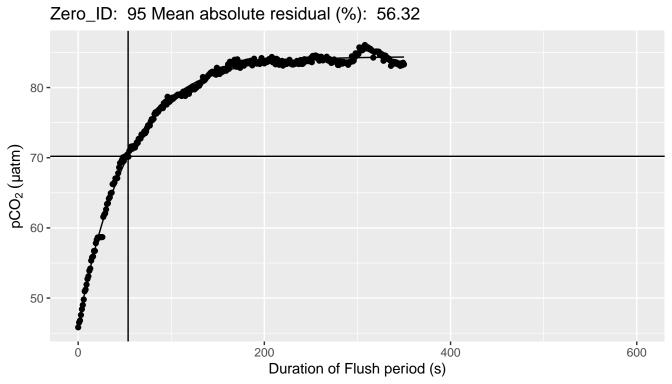


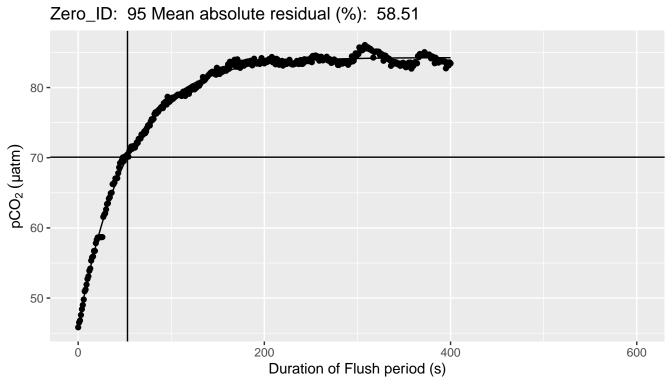


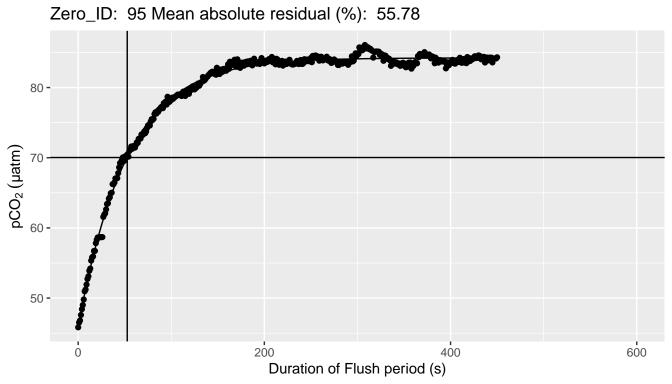


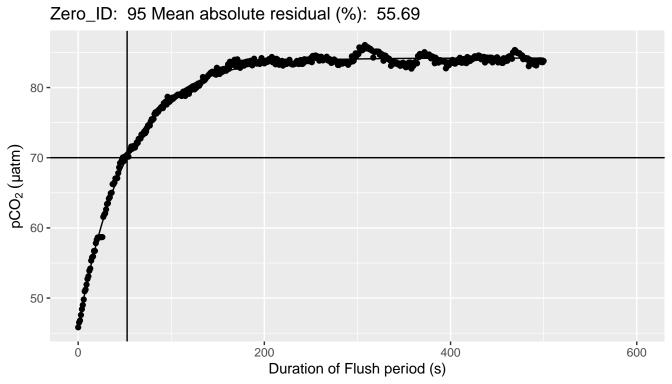


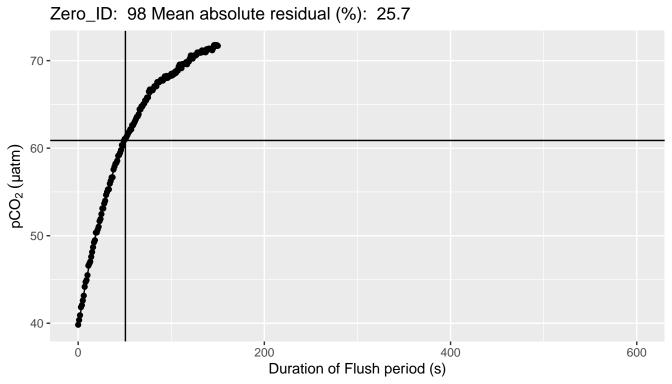


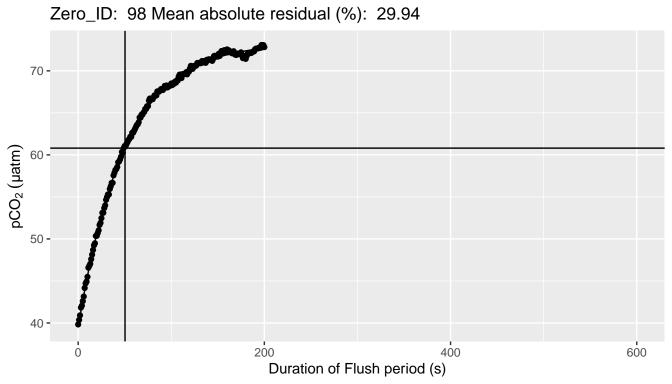


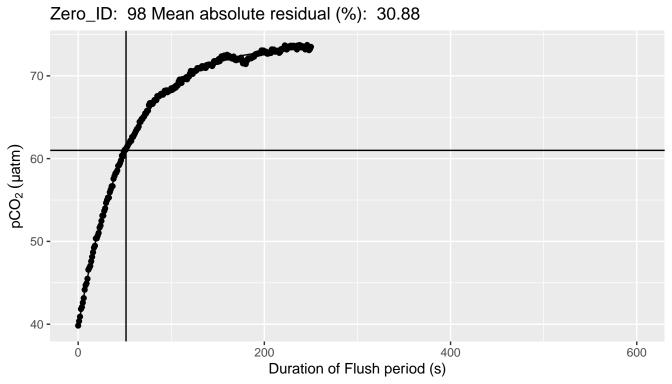


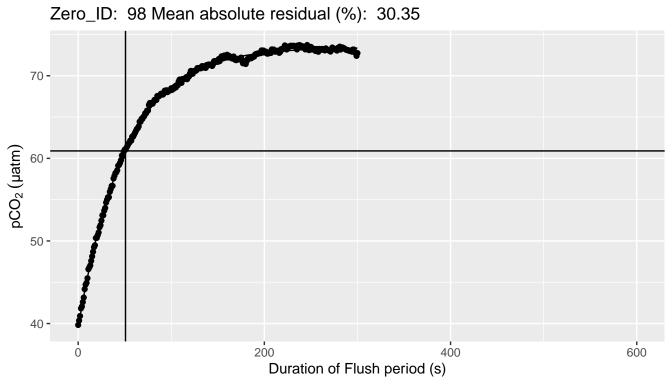


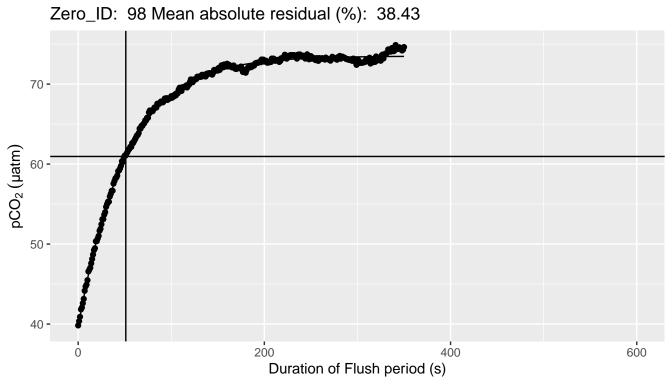


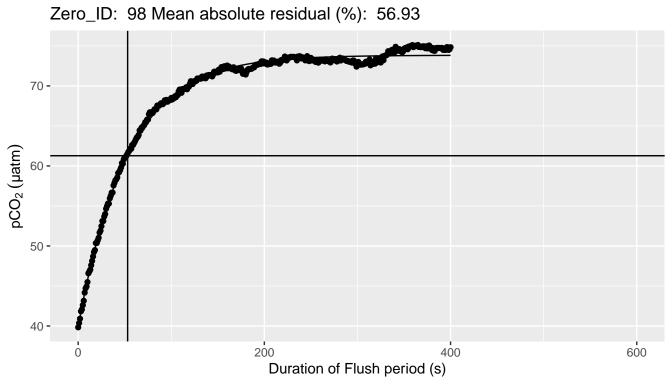


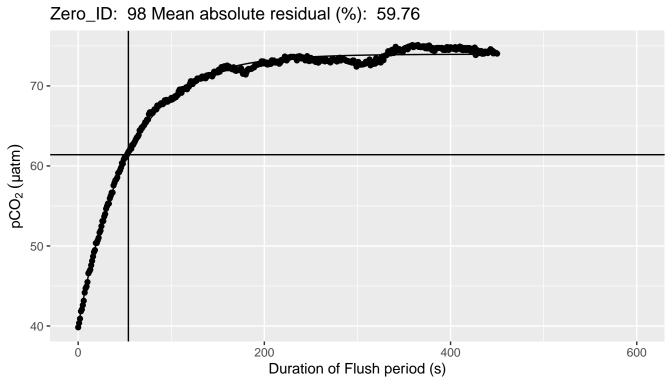


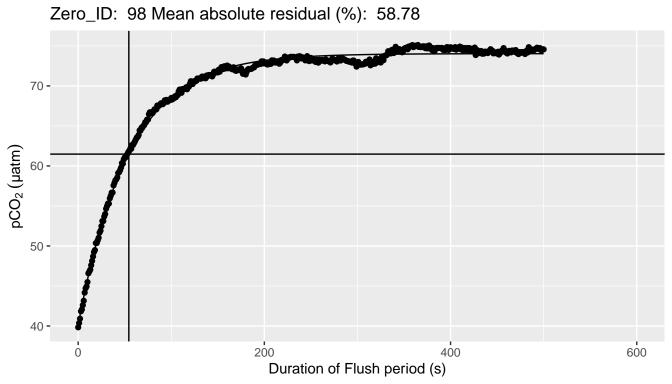




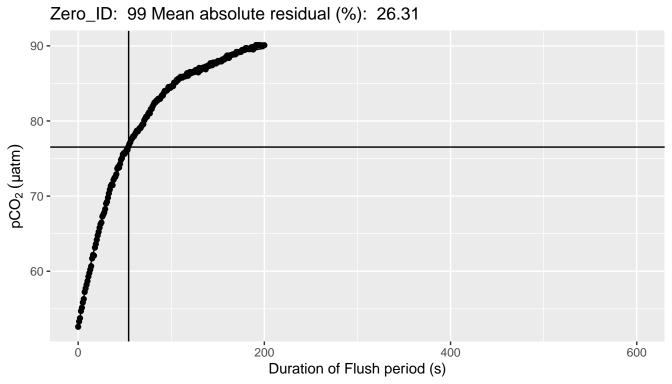


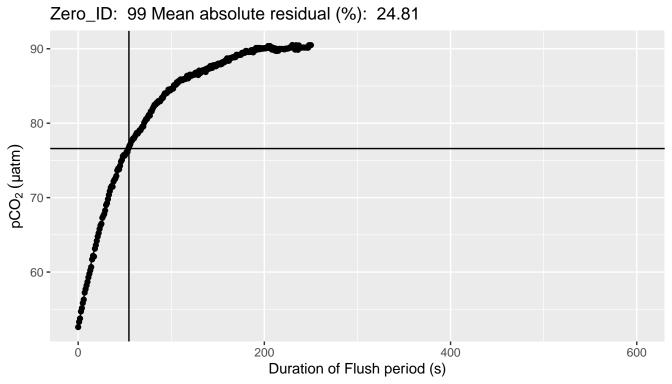


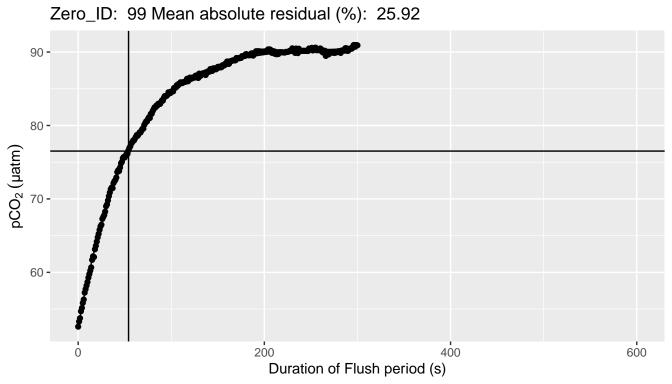


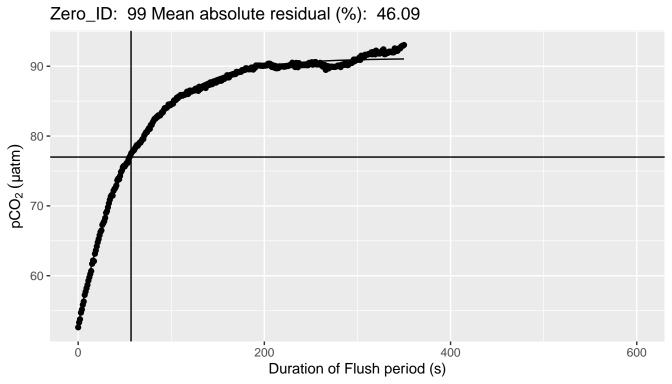




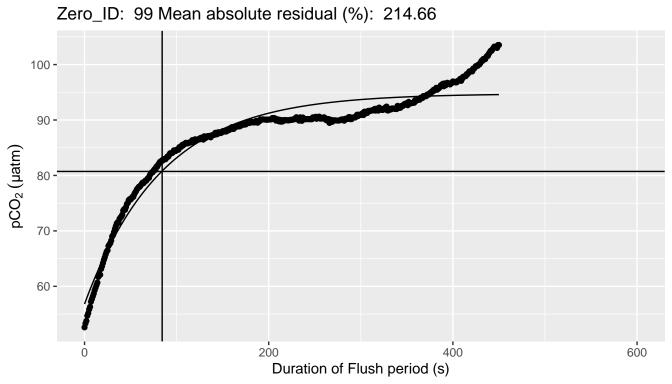




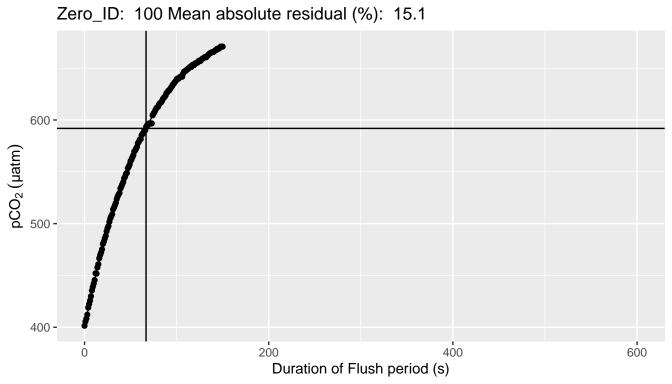


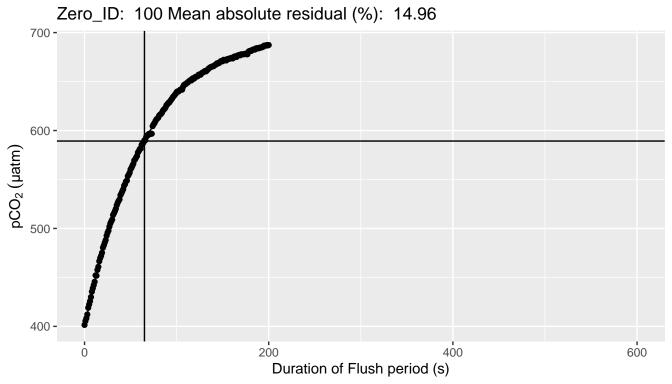


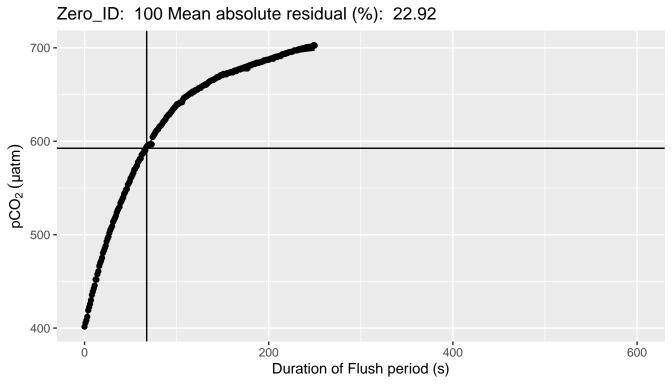




Zero_ID: 99 Mean absolute residual (%): 335.53 110 -100 -90 pCO_2 (µatm) 80 -70 -60 -50 -400 600 200 Duration of Flush period (s)



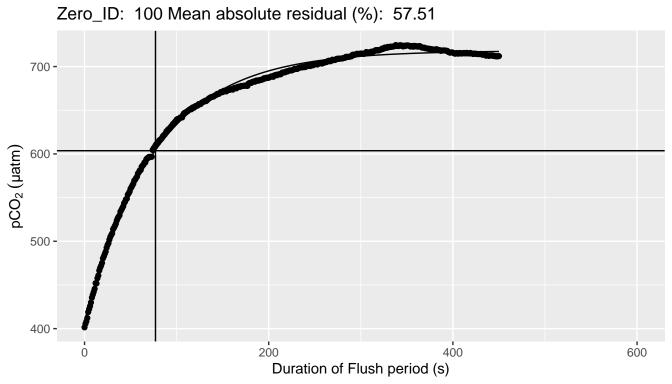


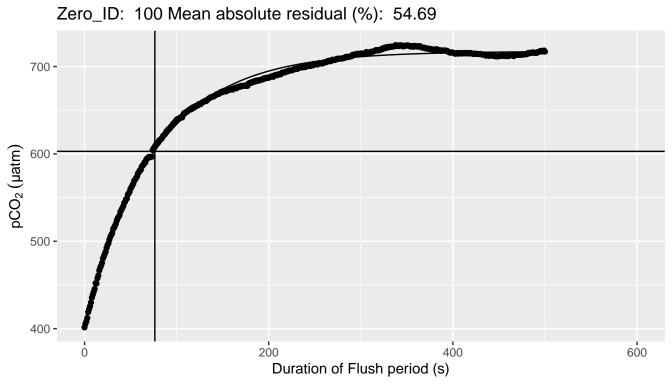


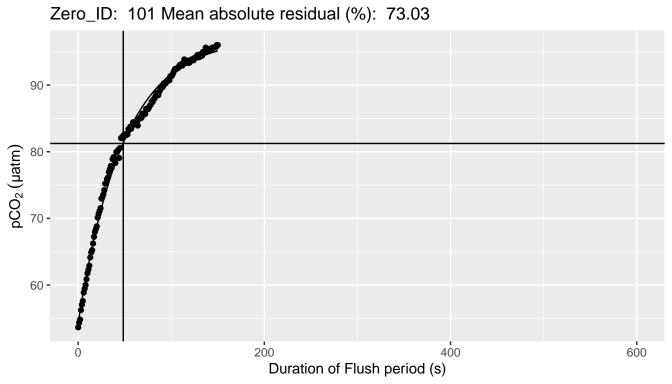
Zero_ID: 100 Mean absolute residual (%): 38.08 700 pCO₂ (µatm) 600 **-**500 -400 -200 400 600 Duration of Flush period (s)

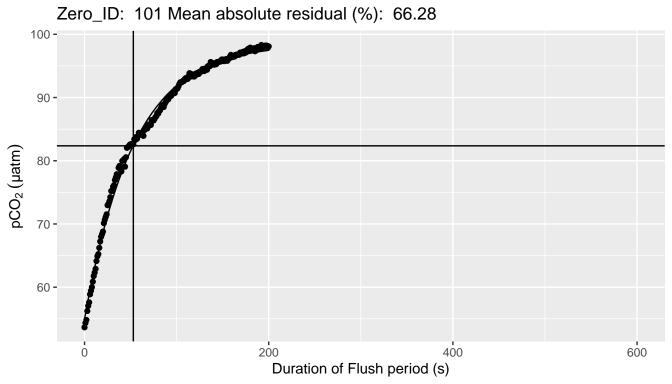
Zero_ID: 100 Mean absolute residual (%): 58.06 700 pCO_2 (µatm) 600 -500 -400 -200 400 600 Duration of Flush period (s)

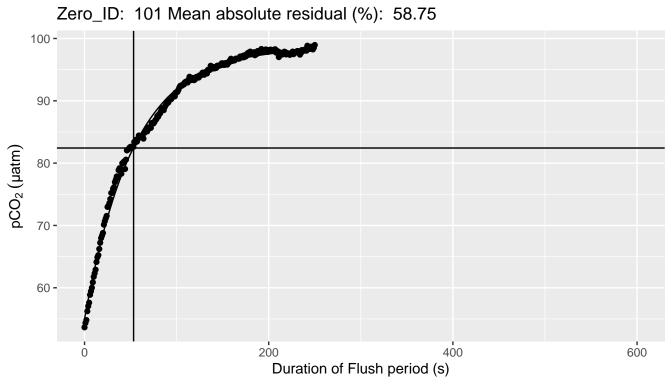
Zero_ID: 100 Mean absolute residual (%): 59.7 700 pCO₂ (µatm) 600 **-**500 -400 -200 400 600 Duration of Flush period (s)

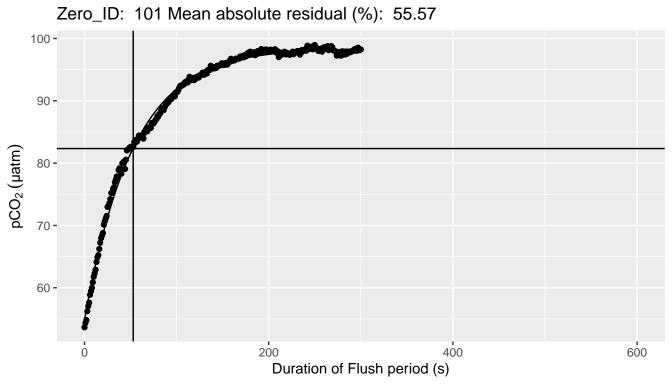


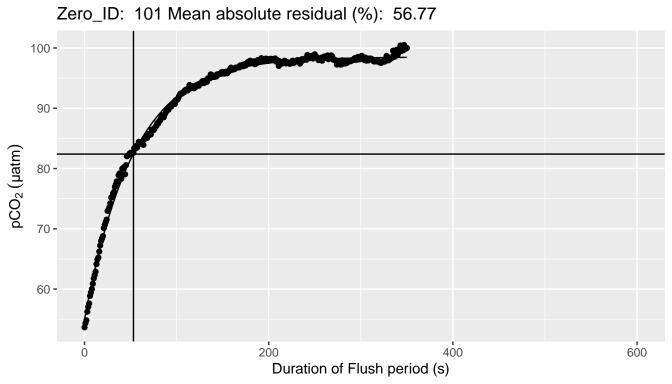


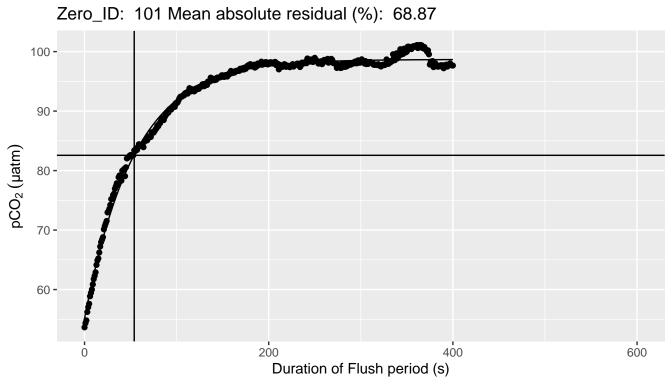


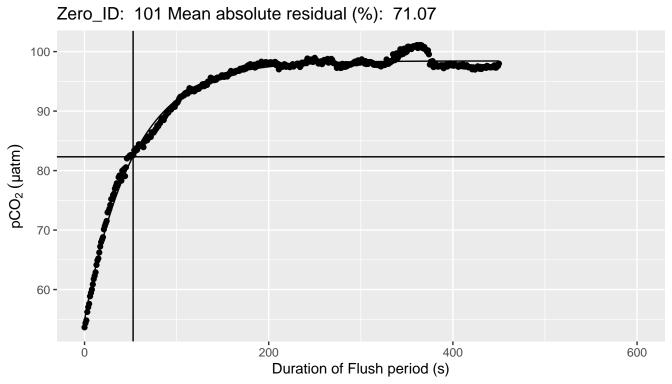


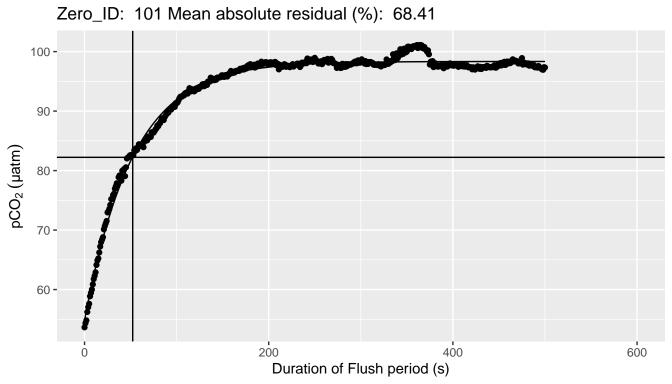


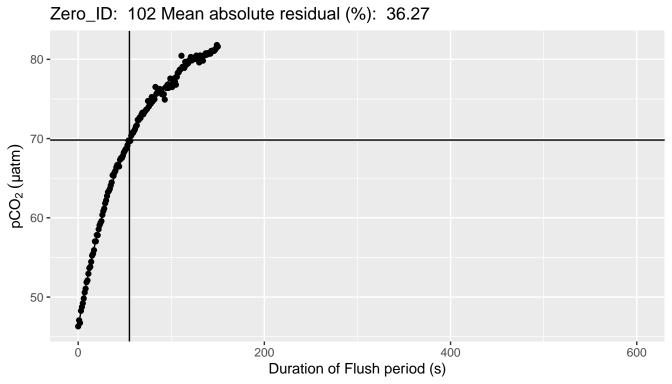


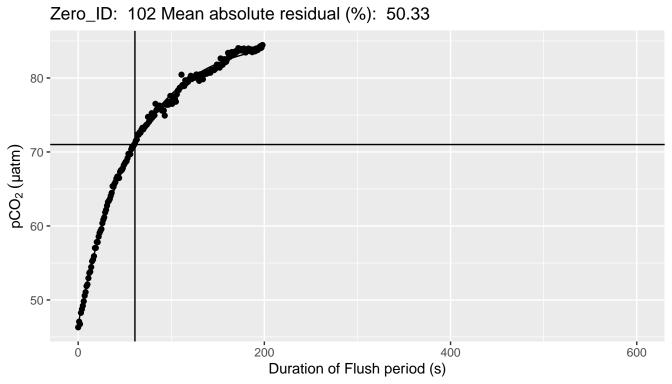


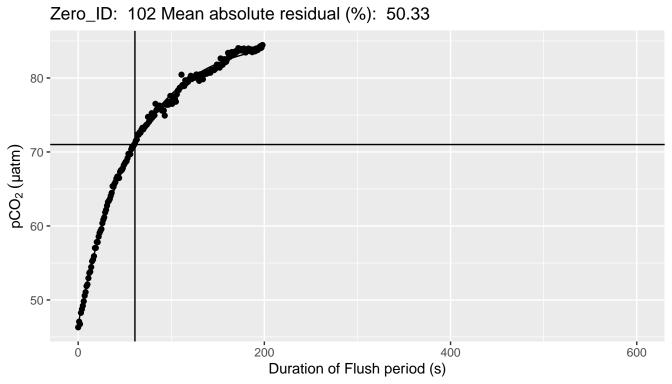


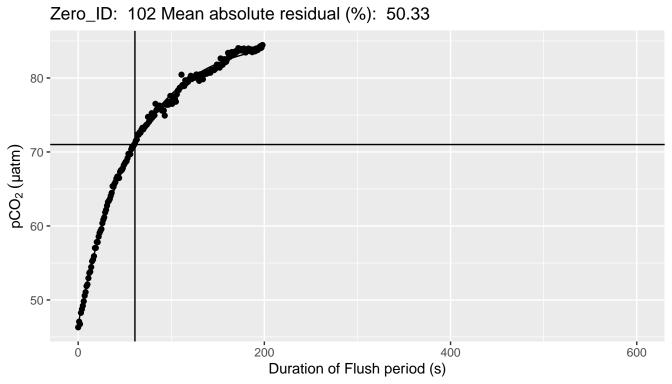


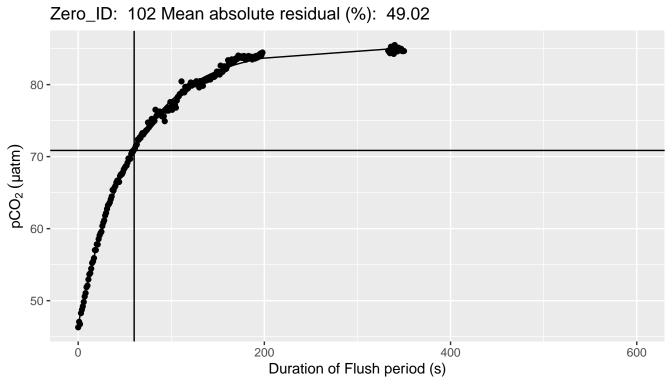


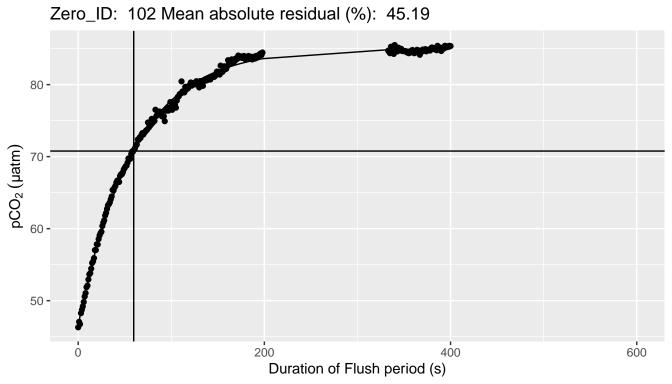


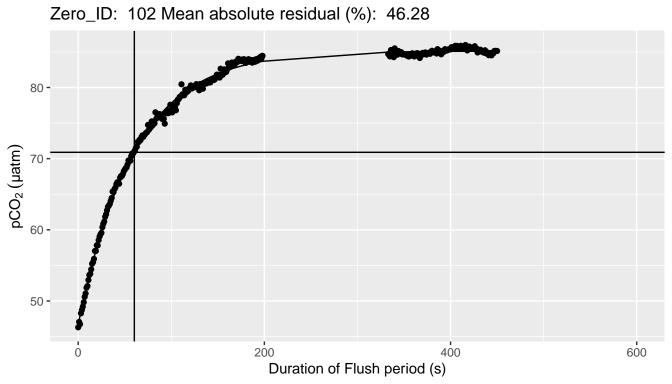


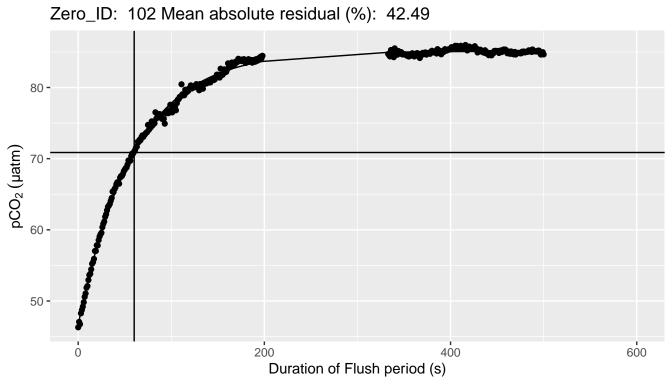


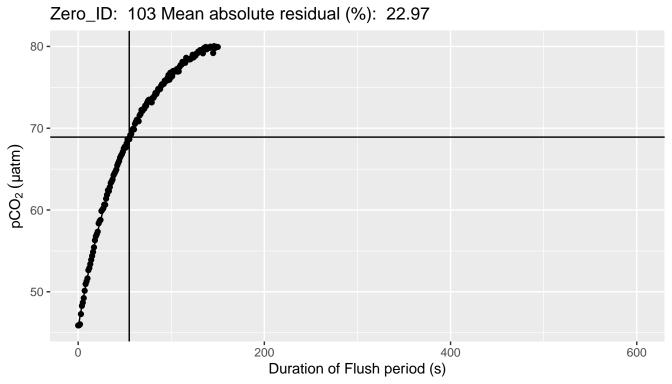


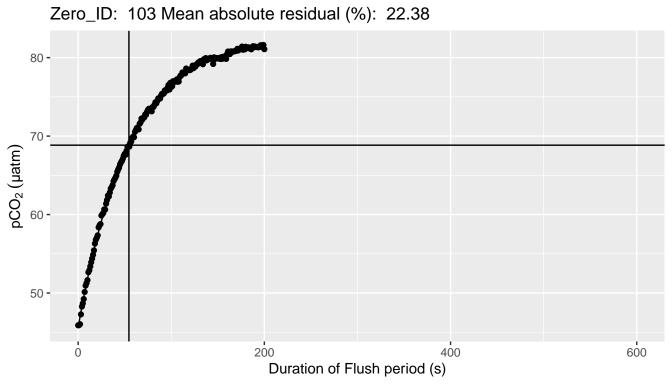


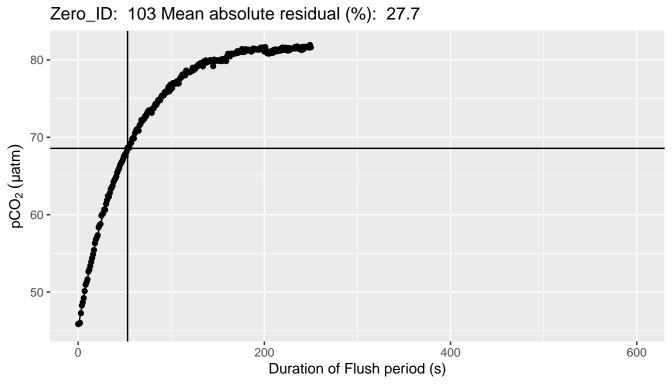




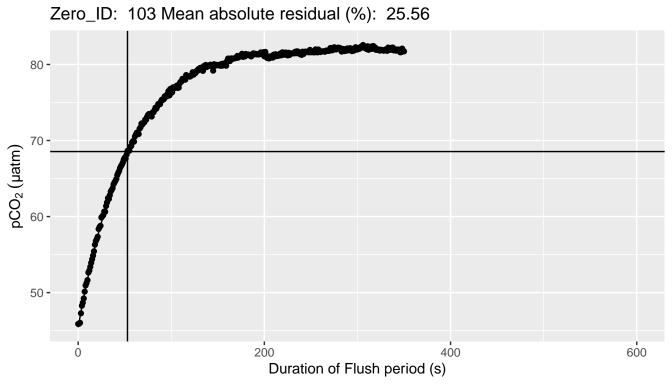


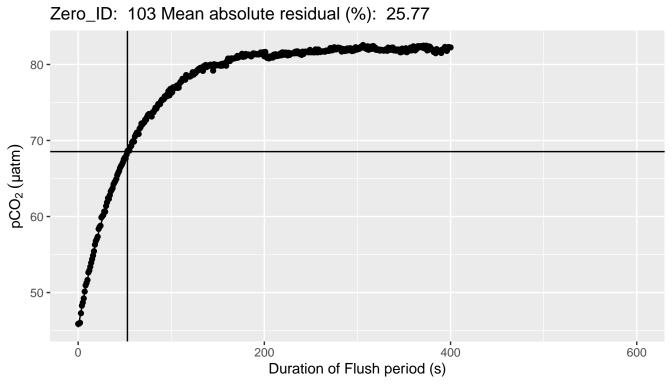


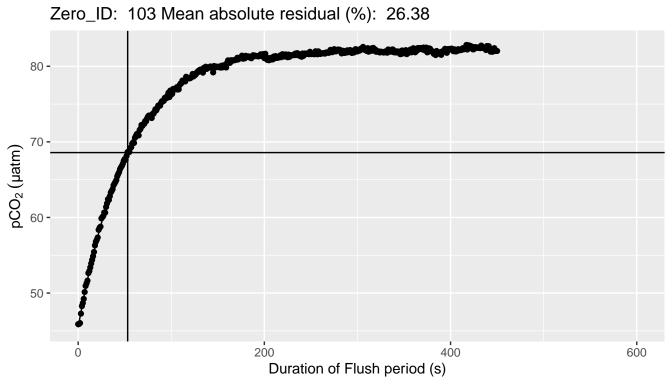


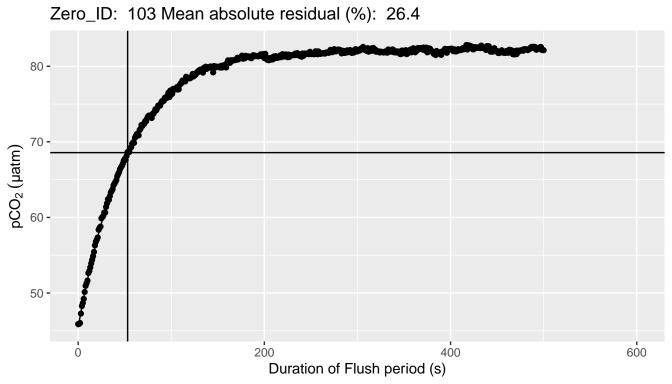


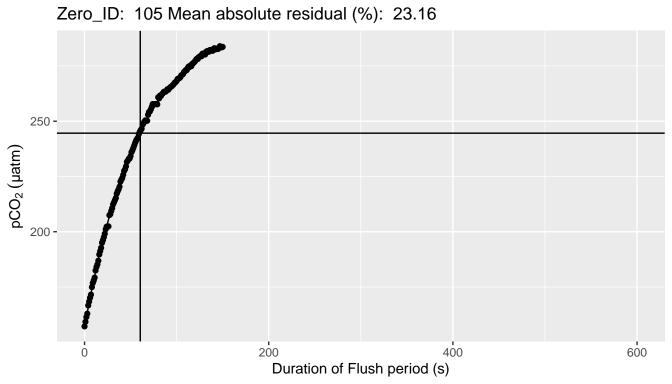


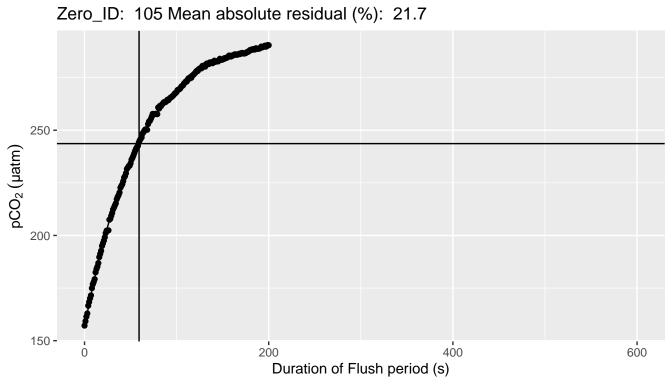


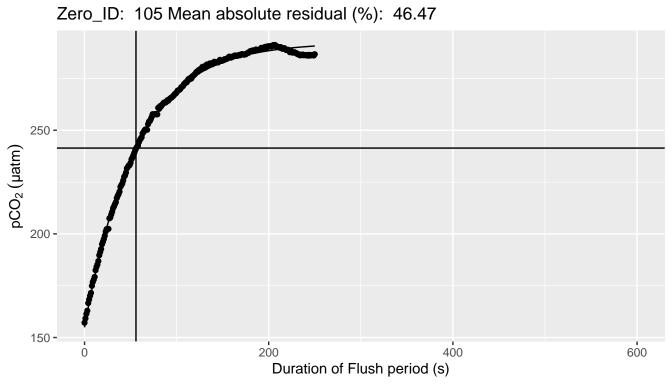


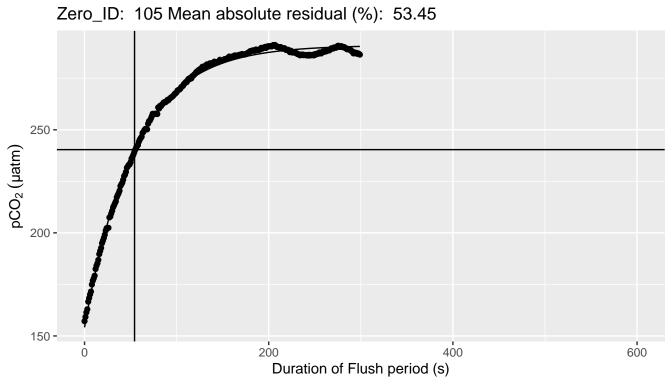


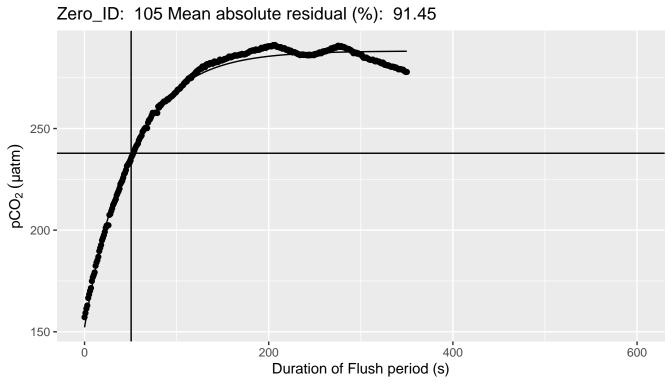


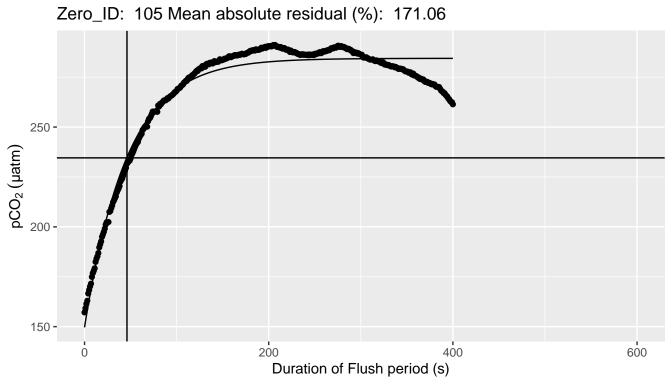


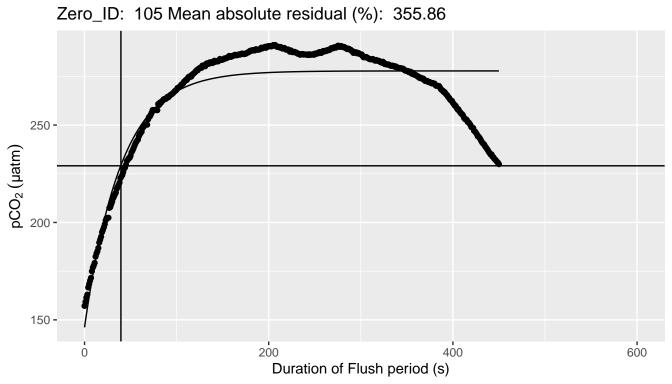


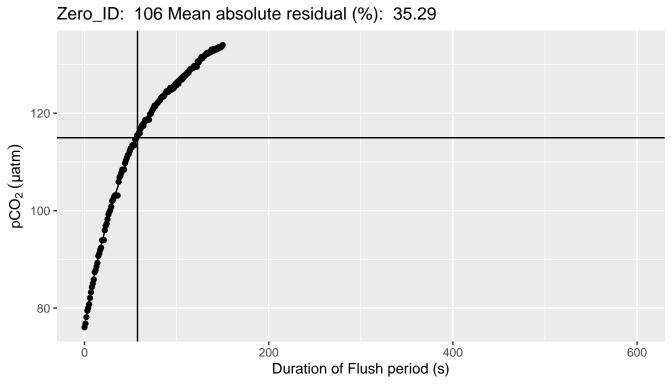


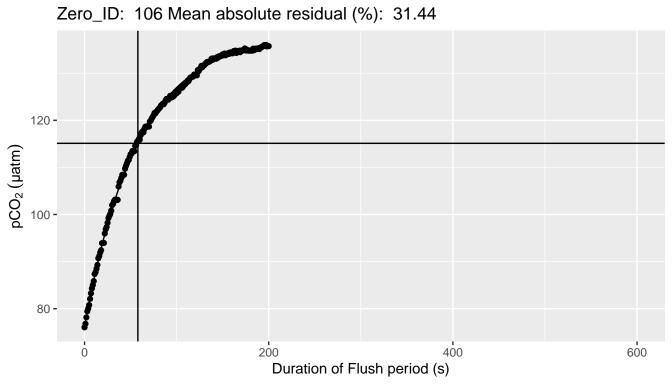


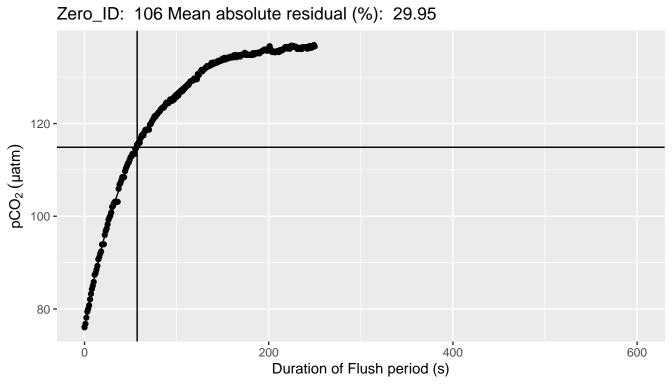


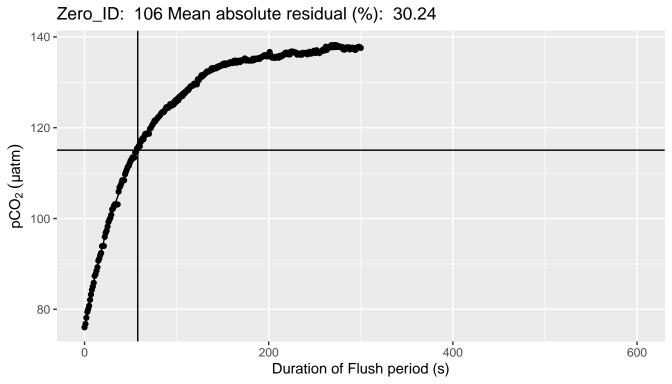


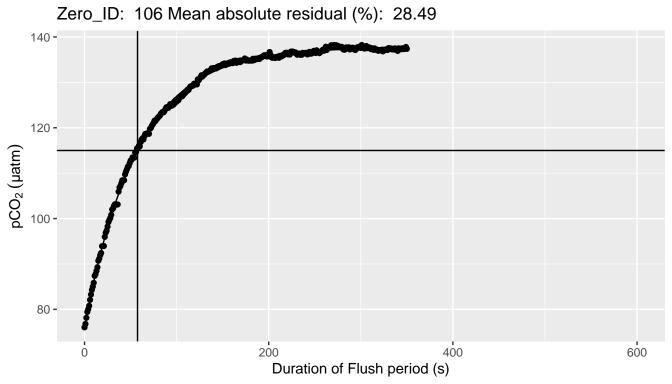


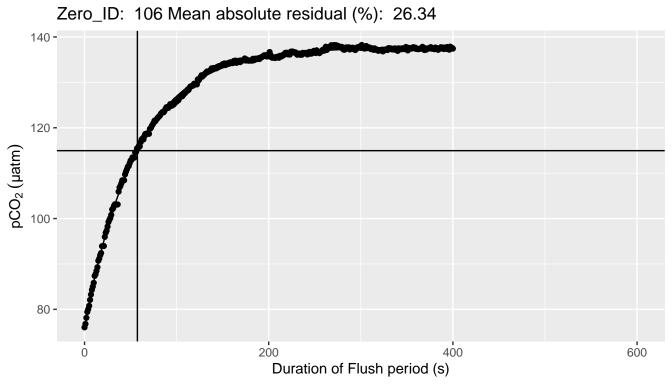


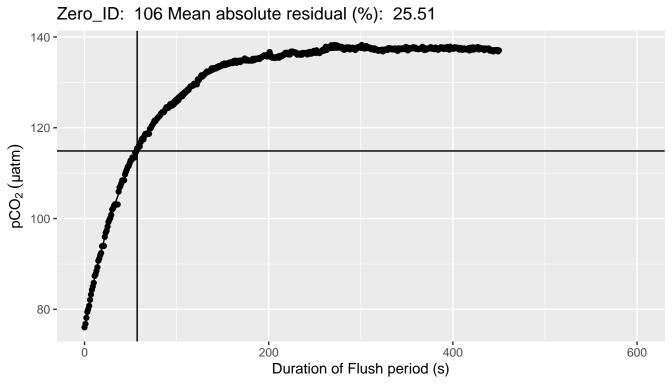


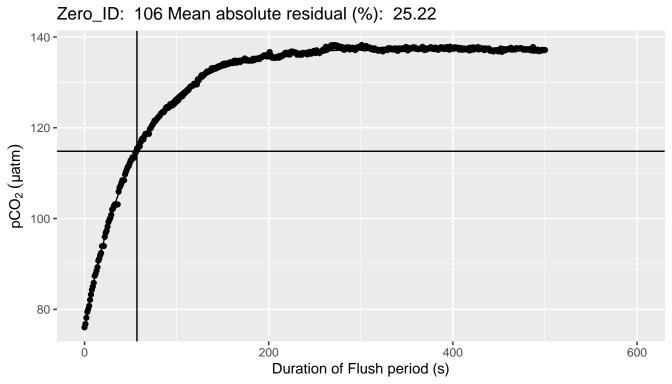


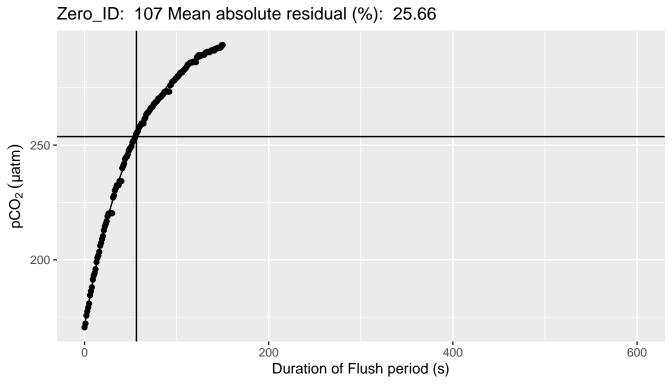


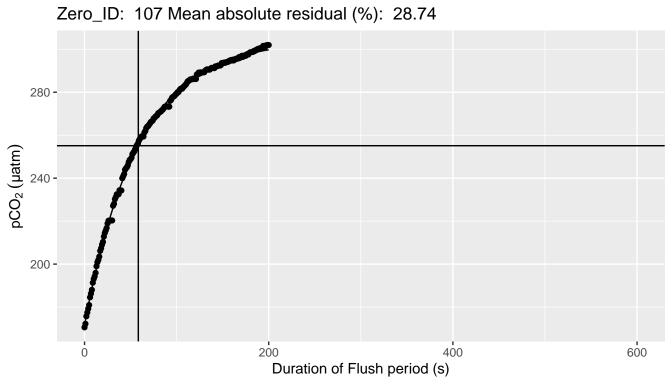


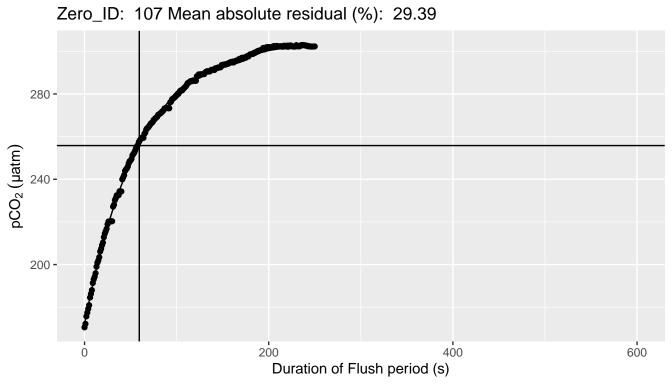


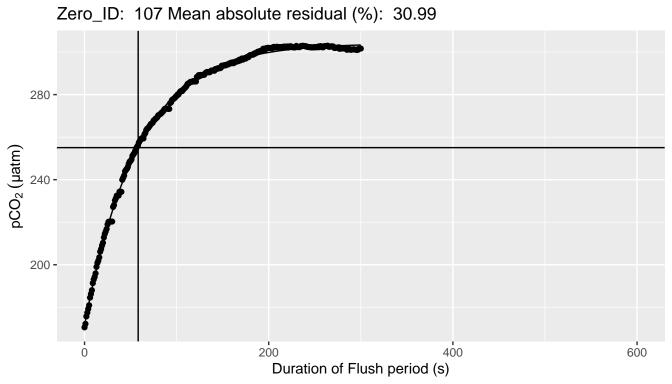


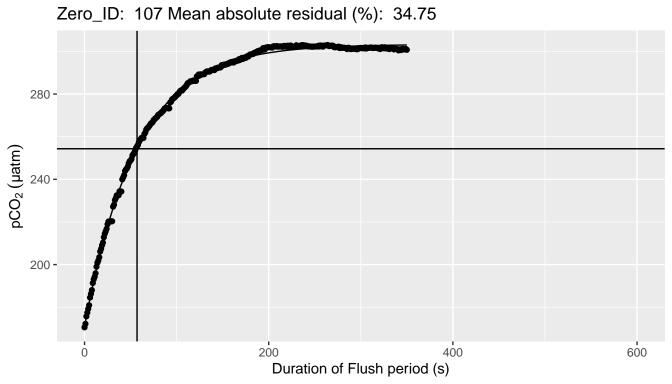


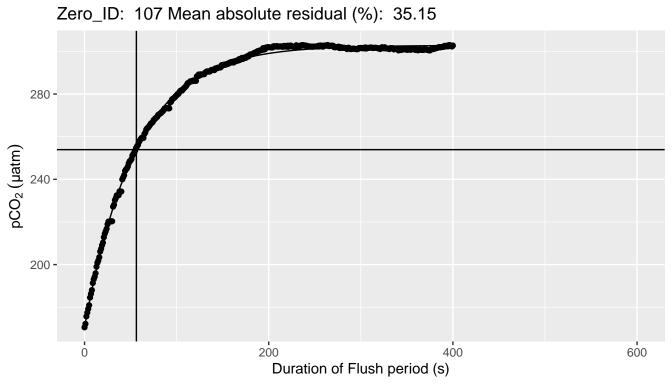


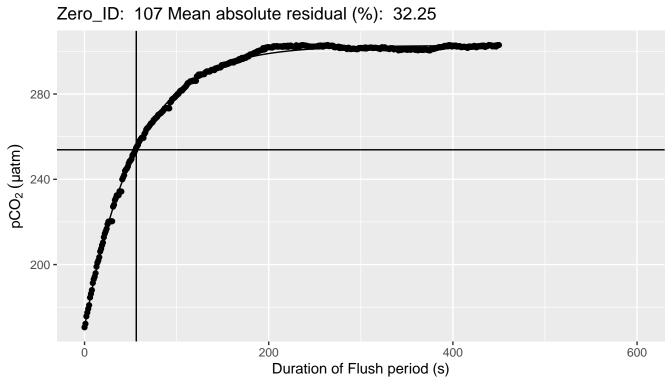


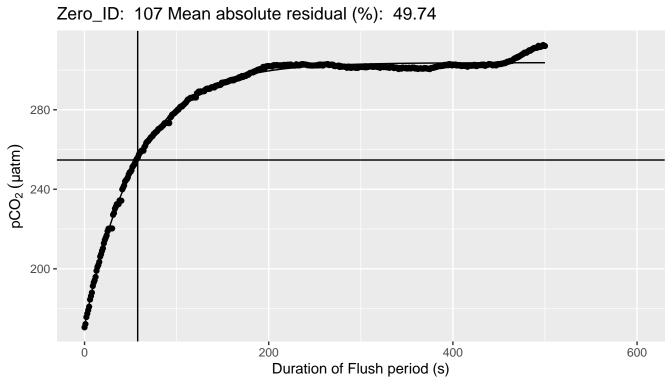






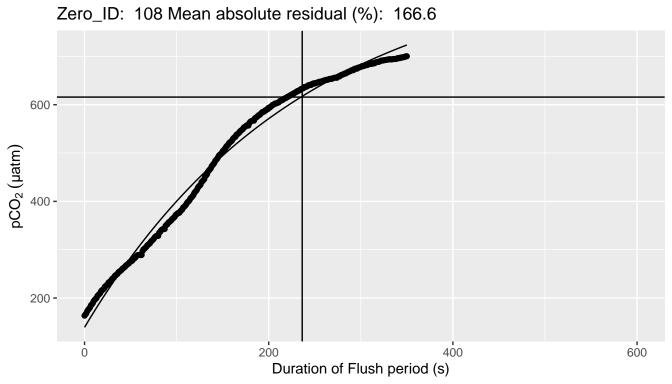


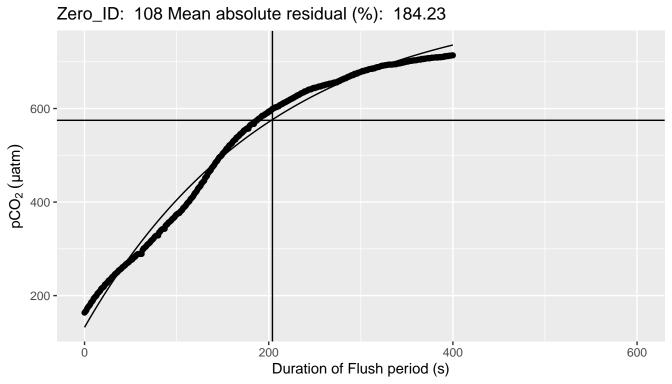


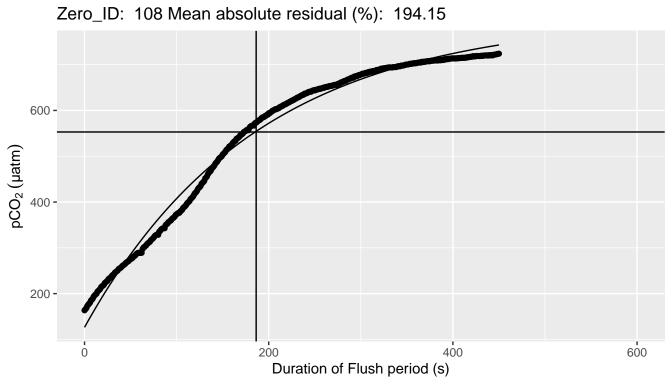


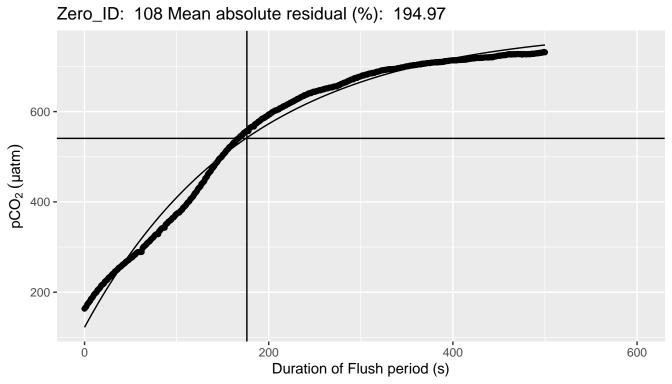
Zero_ID: 108 Mean absolute residual (%): 61.52 1200 -900 pCO₂ (µatm) 600 -300 -200 400 600 Duration of Flush period (s)

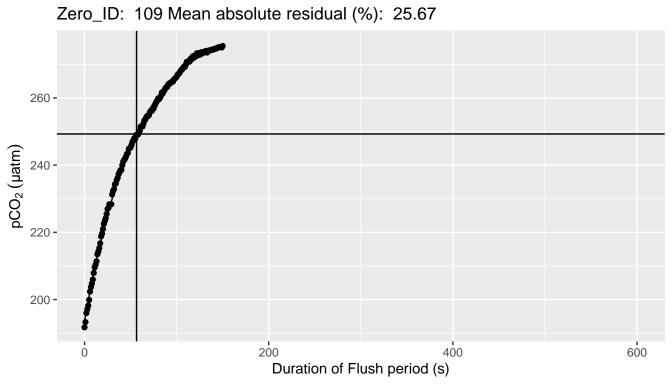
Zero_ID: 108 Mean absolute residual (%): 137.99 700 600 pCO₂ (µatm) 300 -200 -200 400 600 Duration of Flush period (s)











Zero_ID: 109 Mean absolute residual (%): 38.1 280 -260 pCO₂ (µatm) 220 -200 -200 400 600 Duration of Flush period (s)

Zero_ID: 109 Mean absolute residual (%): 33.43 280 -260 pCO₂ (µatm) 220 -200 -200 400 600 Duration of Flush period (s)

Zero_ID: 109 Mean absolute residual (%): 29.91 280 -260 pCO₂ (µatm) 220 -200 -200 400 600 Duration of Flush period (s)

Zero_ID: 109 Mean absolute residual (%): 45.85 280 -260 pCO₂ (µatm) 220 -200 -200 400 600 Duration of Flush period (s)

Zero_ID: 109 Mean absolute residual (%): 125.67 280 -260 pCO₂ (µatm) 240 -220 -200 -200 400 600 Duration of Flush period (s)

