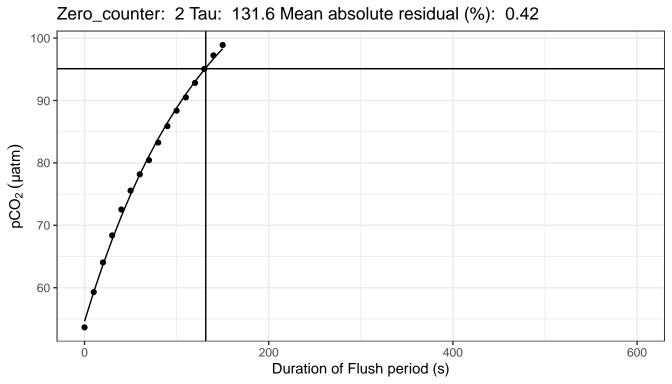
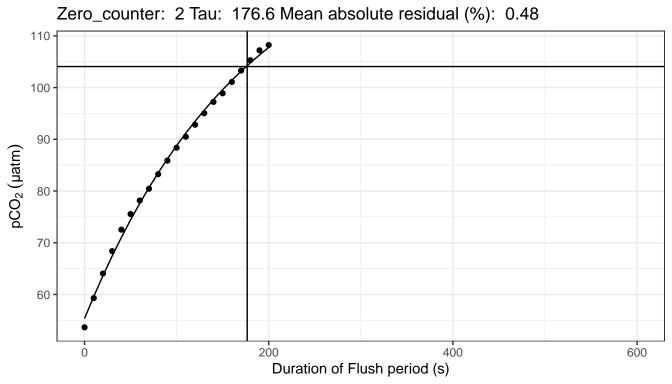


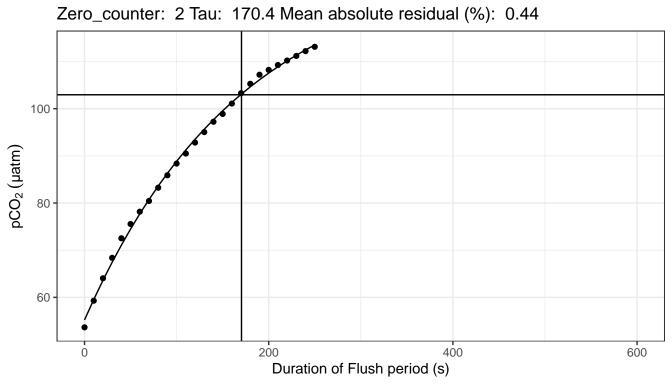
Zero_counter: 1 Tau: 188.2 Mean absolute residual (%): 1.89 140 130 pCO₂ (µatm) 100 90 -200 400 600 Duration of Flush period (s)

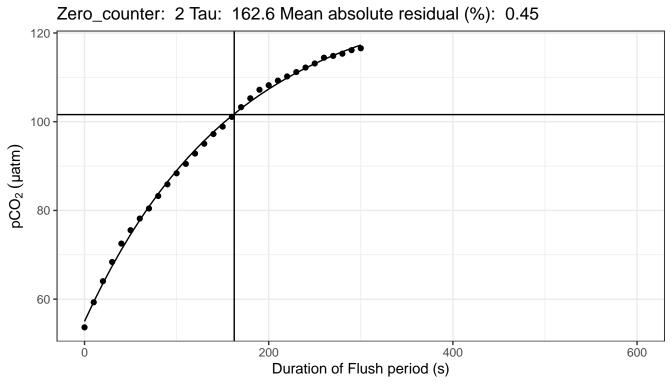
Zero_counter: 1 Tau: 195.7 Mean absolute residual (%): 1.67 140 130 $pCO_{2}\left(\text{µatm}\right)$ 100 90 -600 200 400 Duration of Flush period (s)

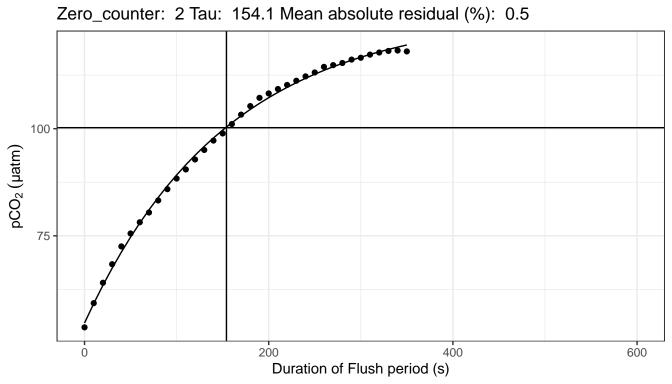
Zero_counter: 1 Tau: 191.3 Mean absolute residual (%): 1.56 140 130 pCO₂ (µatm) 100 90 -600 200 400 Duration of Flush period (s)

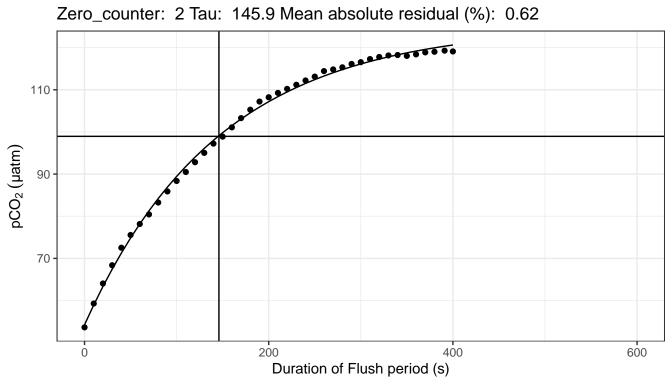


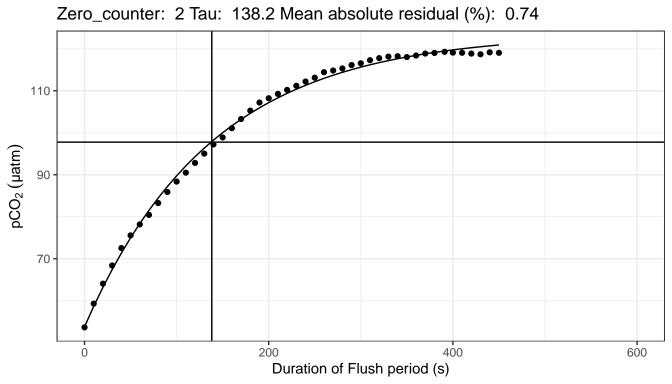




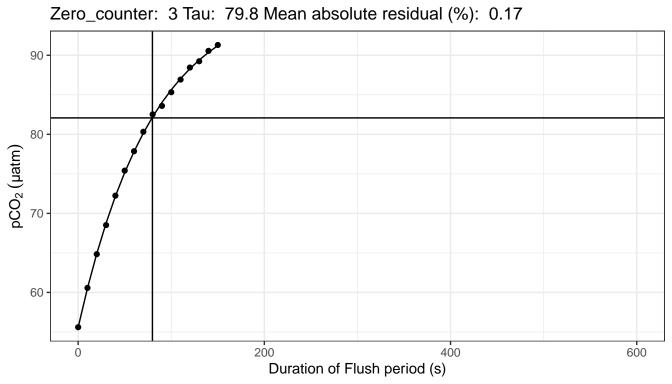


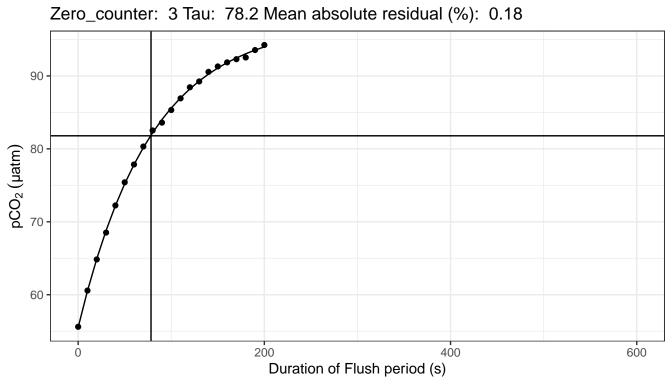


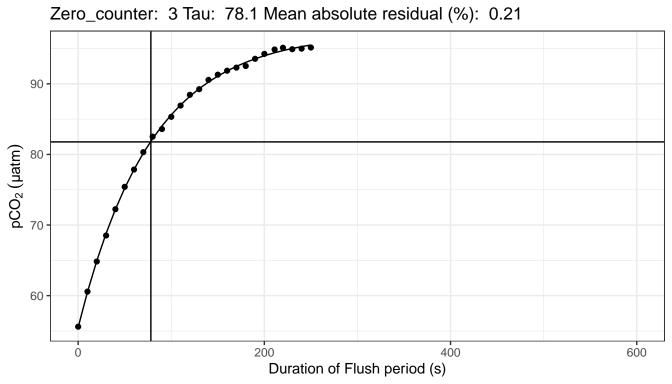


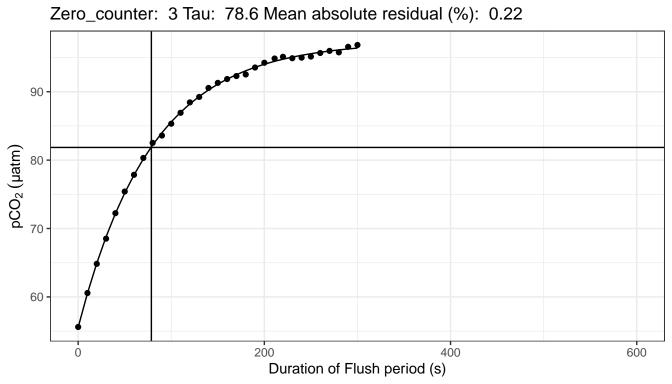


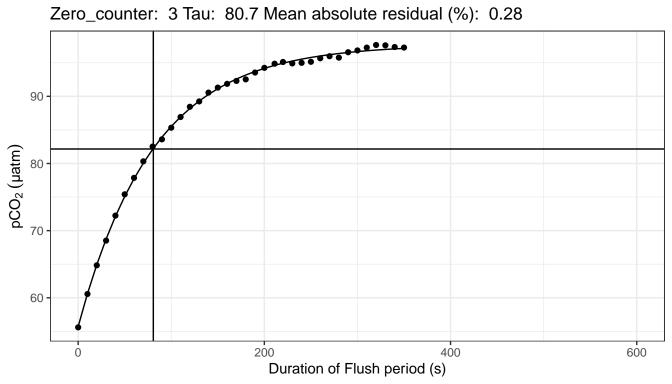
Zero_counter: 2 Tau: 133 Mean absolute residual (%): 0.85 110 pCO₂ (µatm) 90 -70 -200 400 600 Duration of Flush period (s)

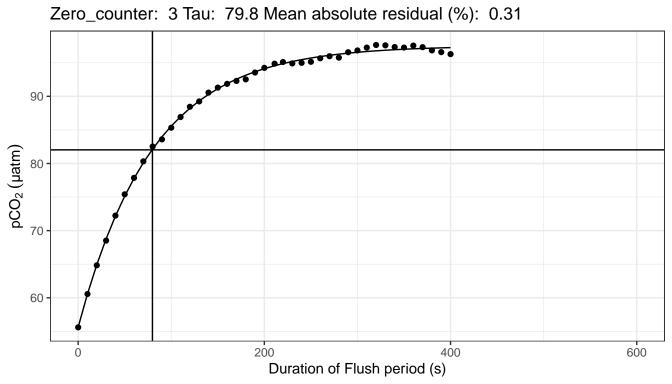


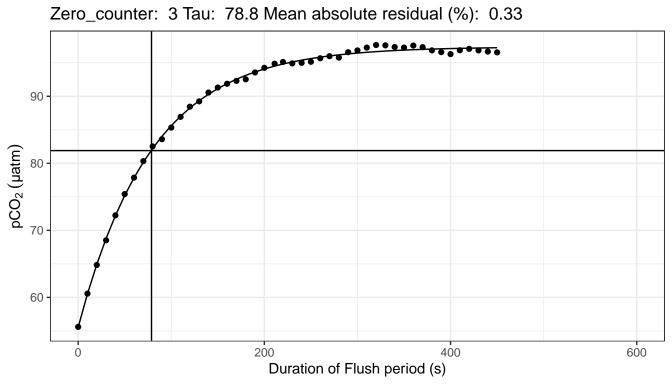


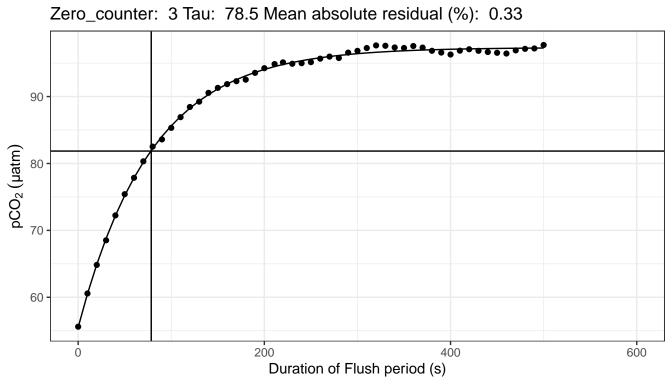


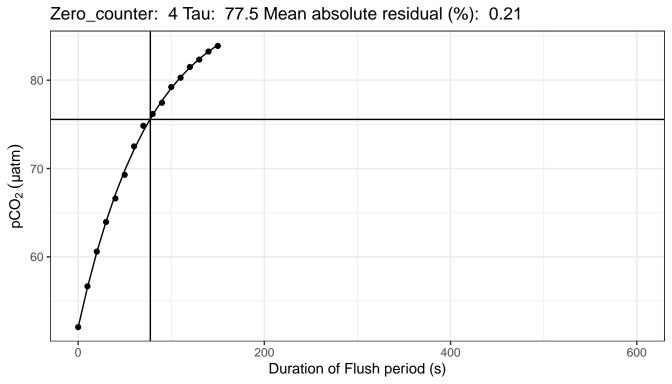


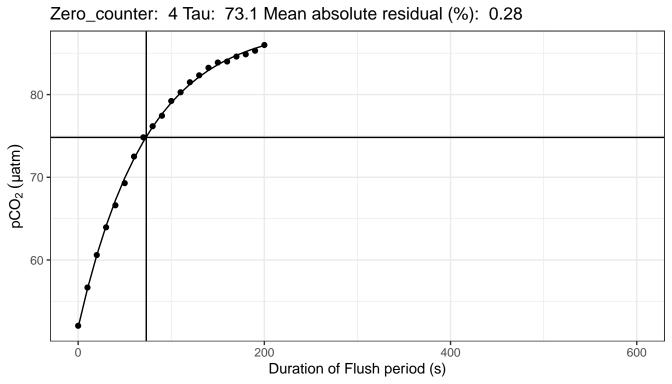


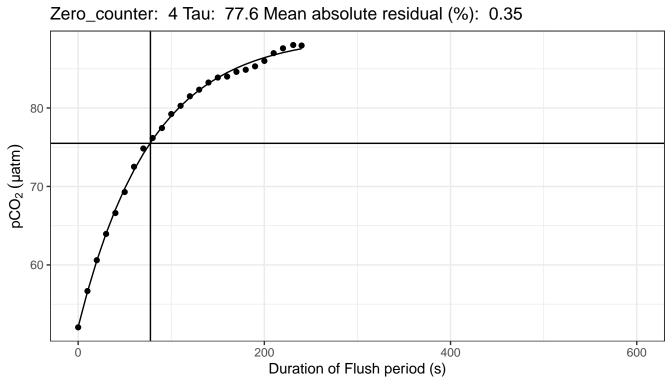


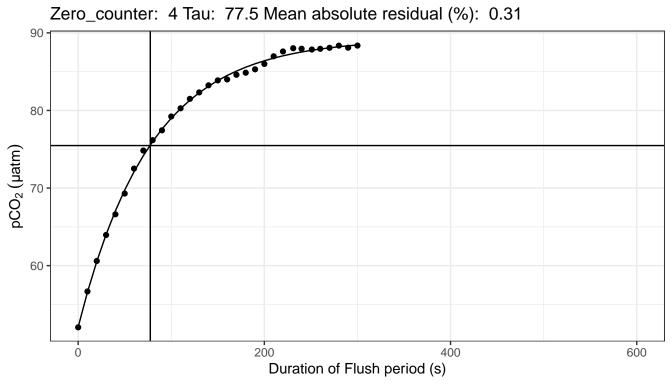


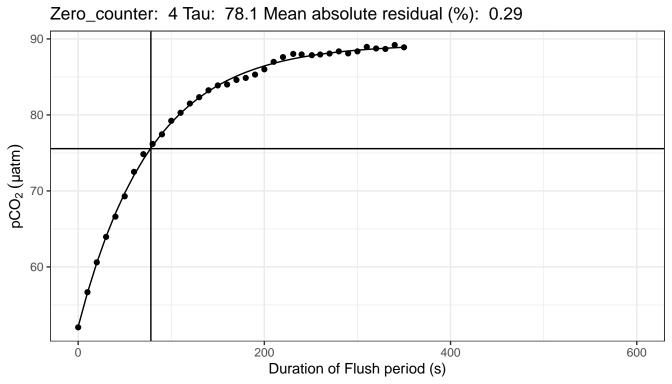


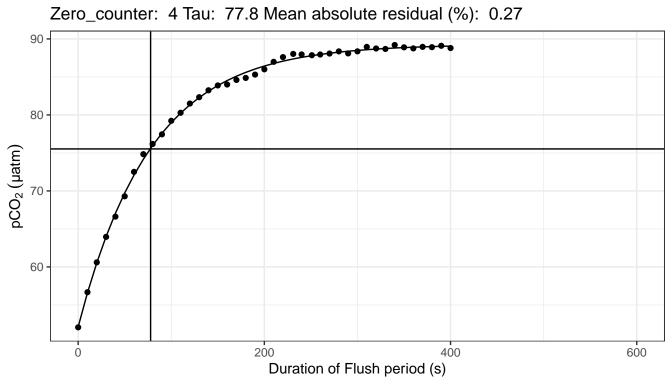


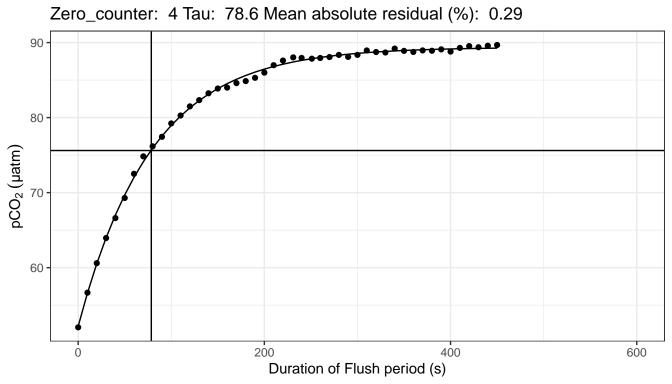


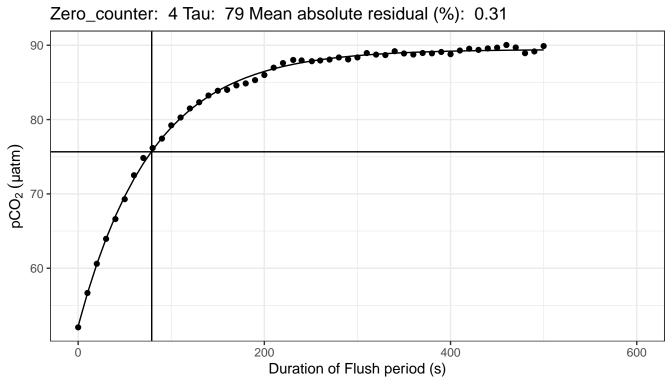


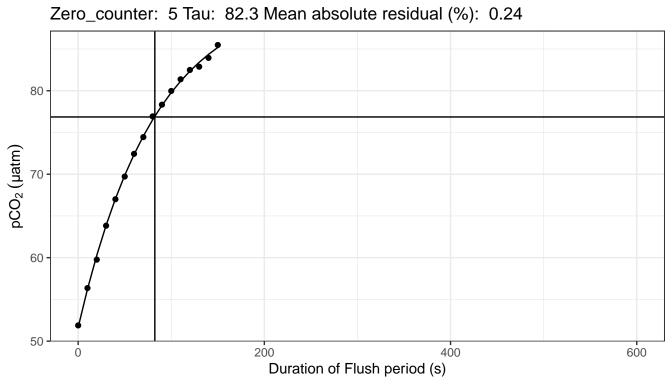


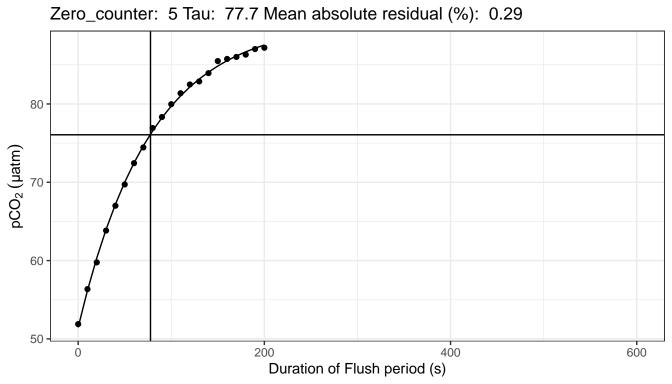


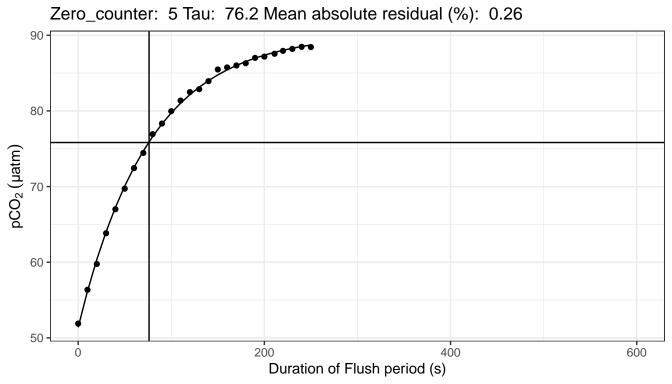


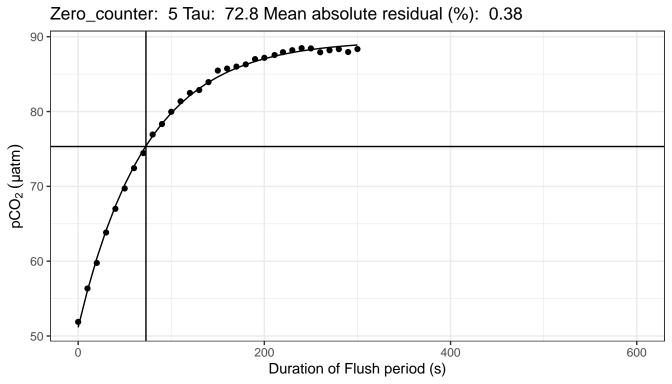


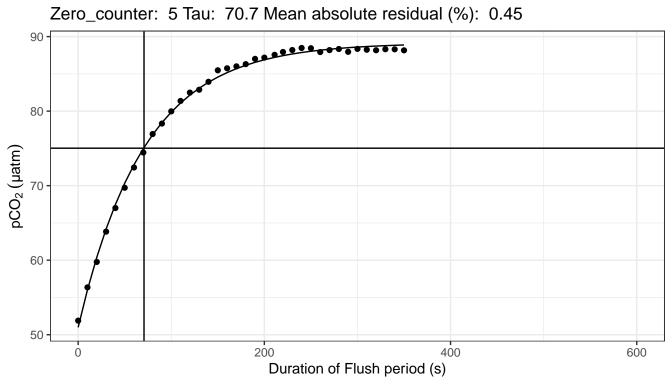


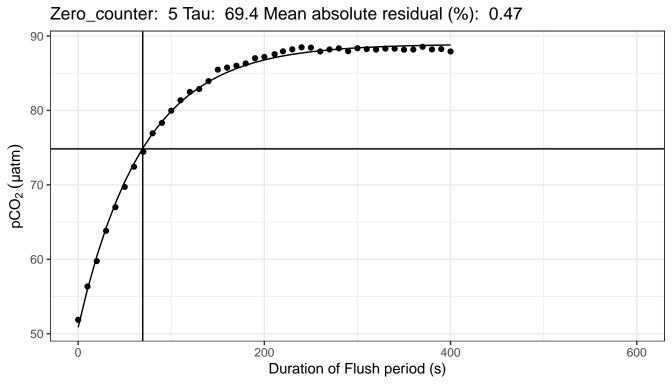


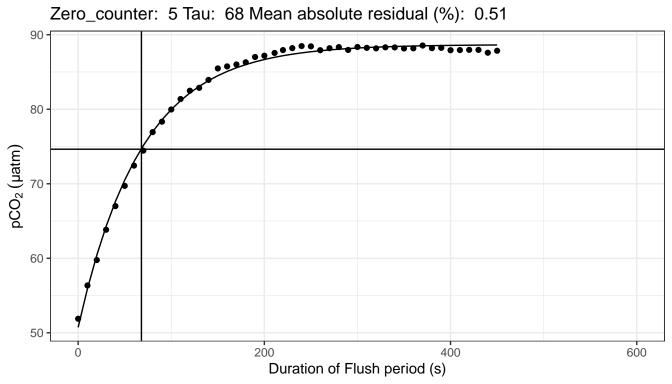


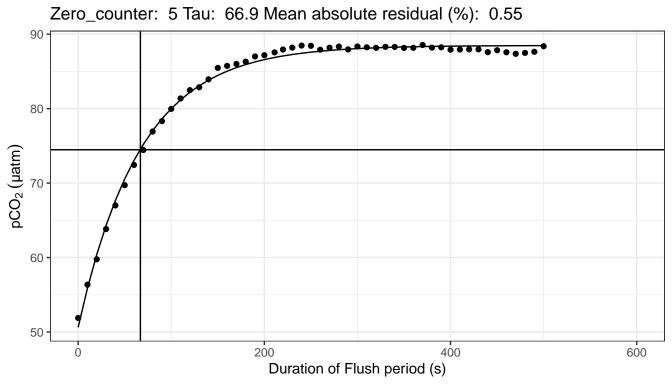


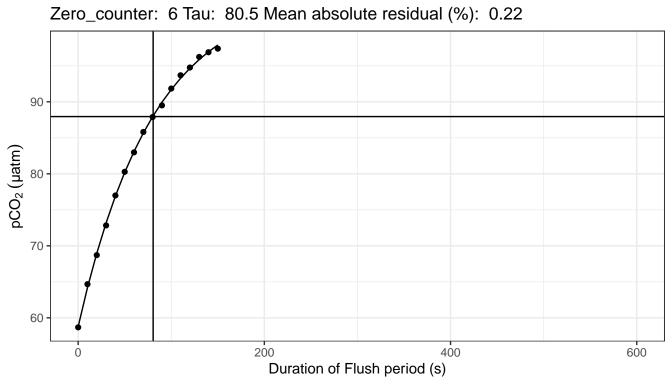


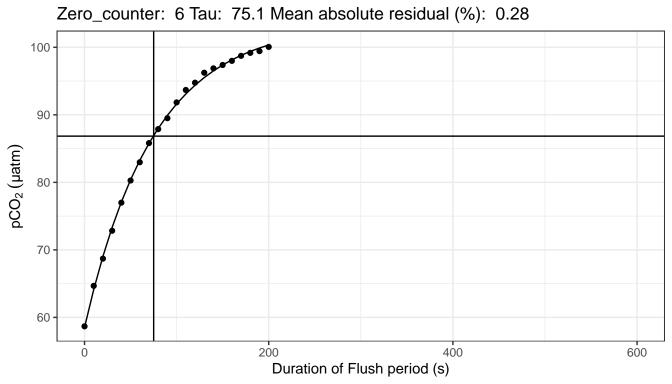


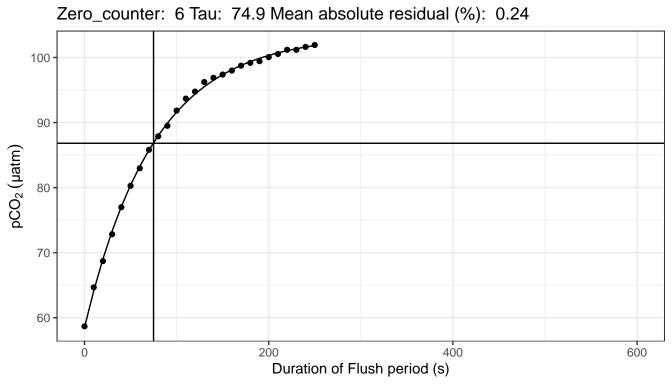


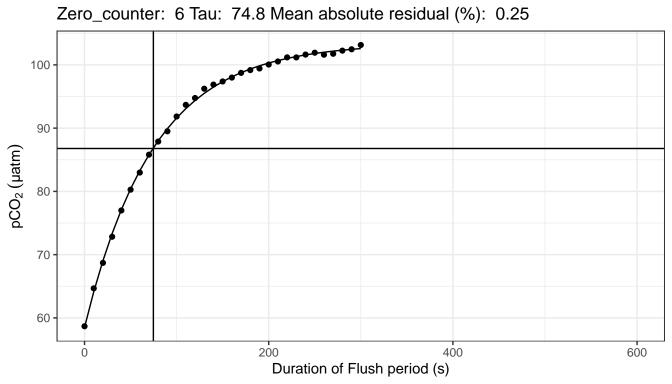


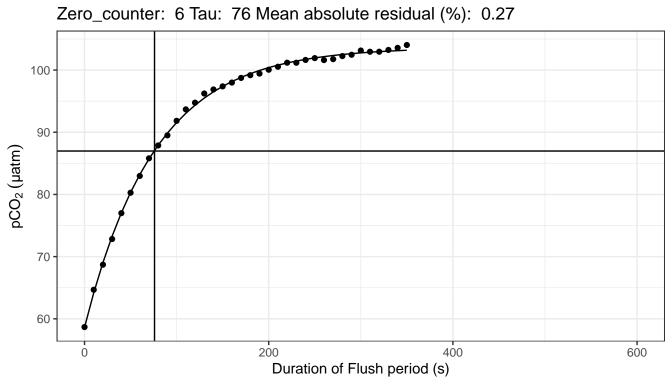


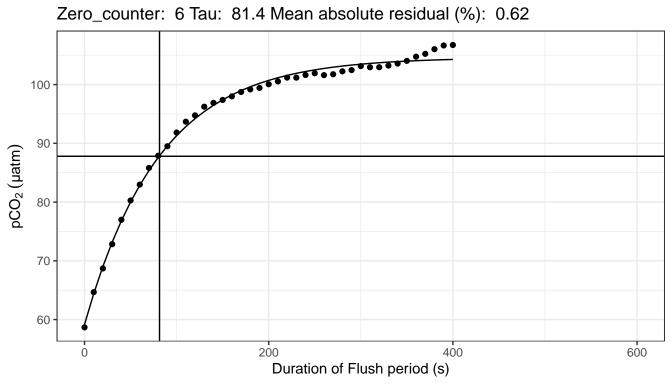


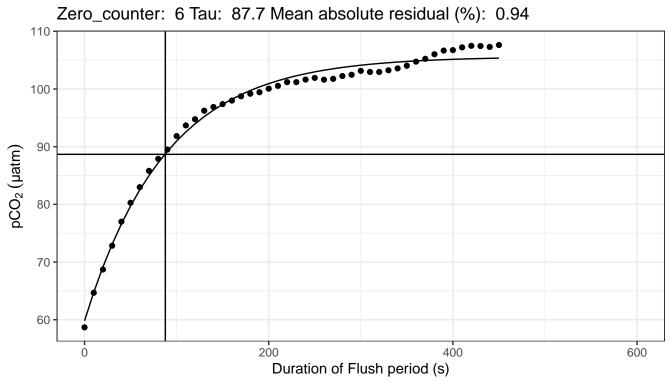


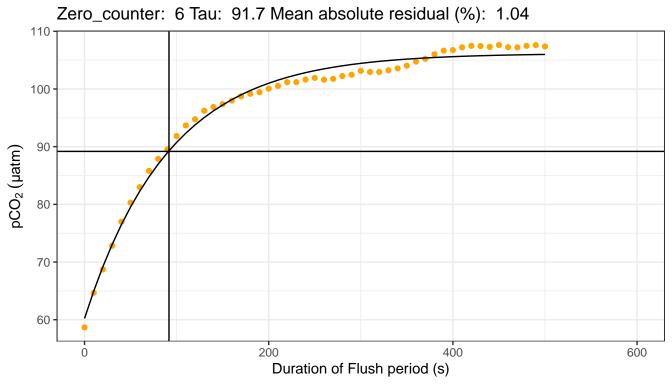


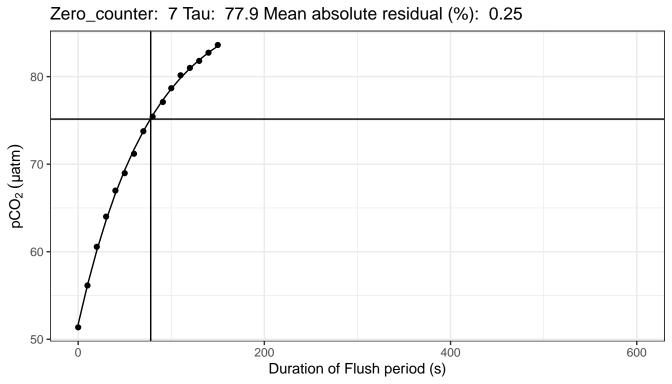


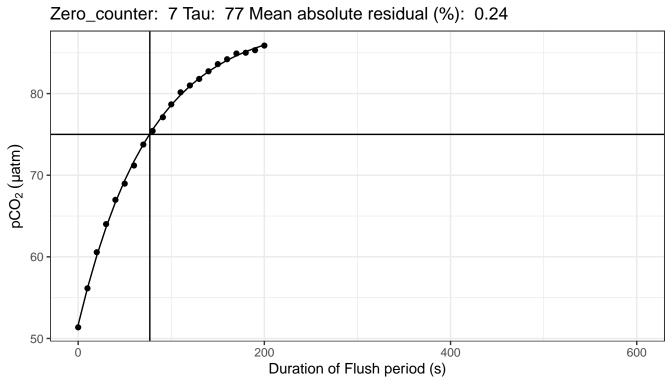


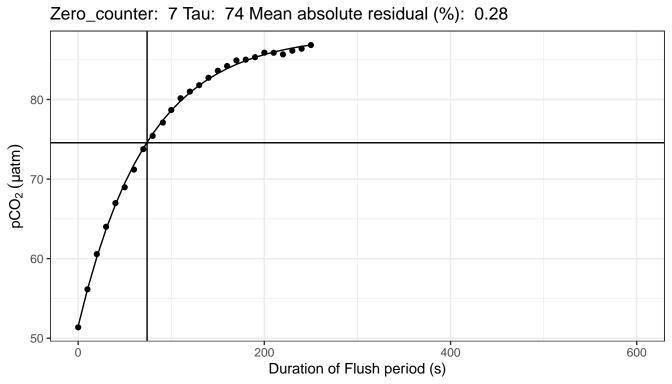


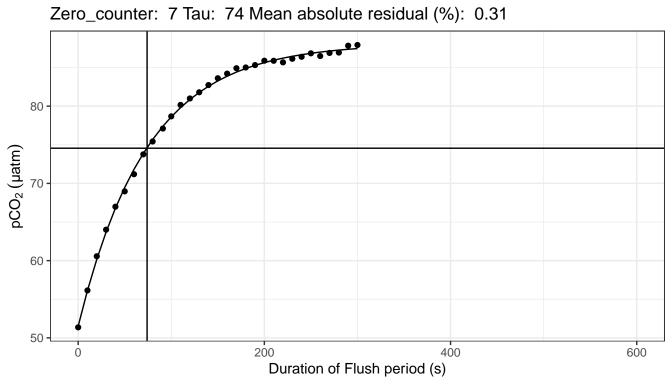


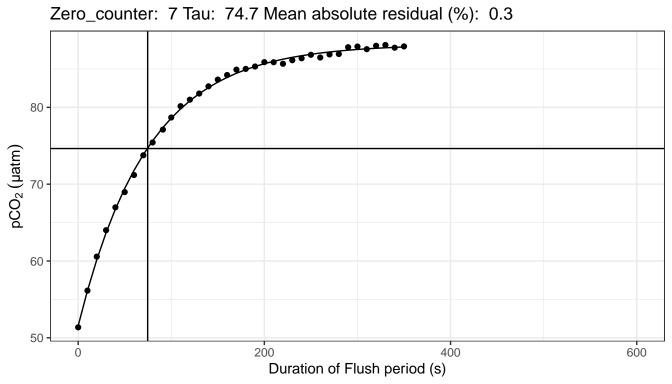


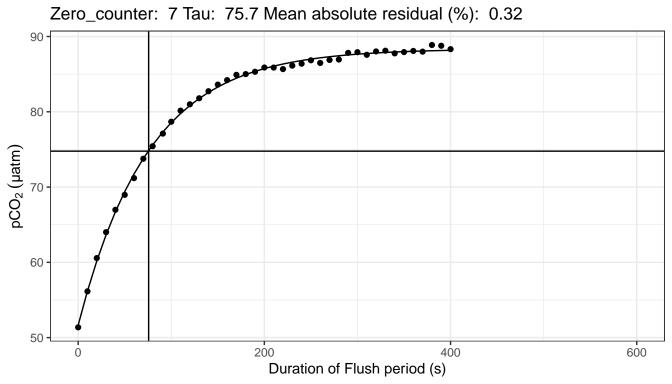


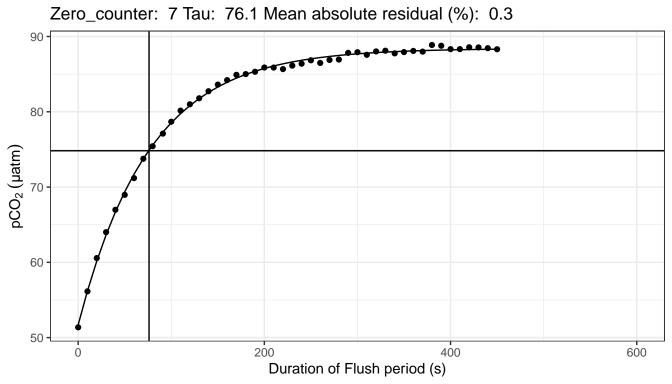


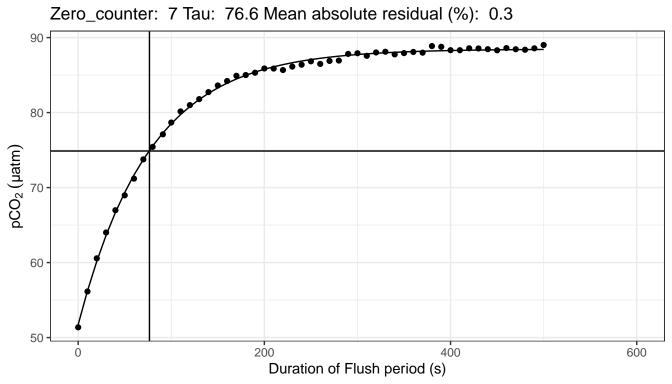


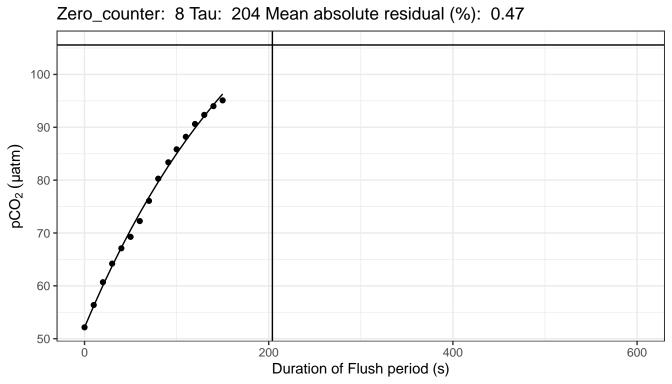






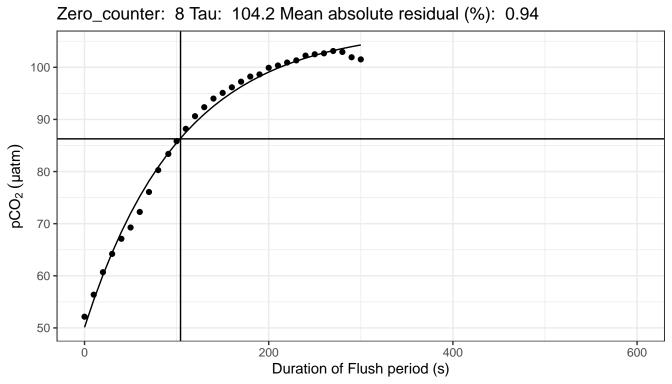


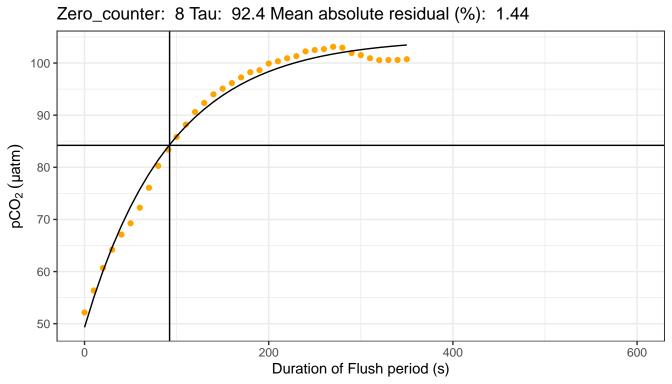




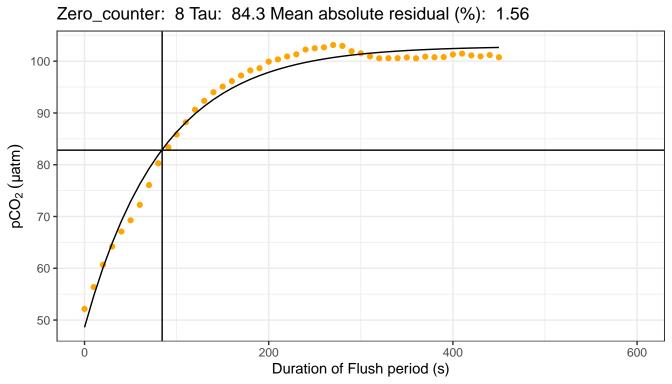
Zero_counter: 8 Tau: 134.4 Mean absolute residual (%): 0.75 100 90 pCO₂ (µatm) 80 -70 -60 -50 200 600 400 Duration of Flush period (s)

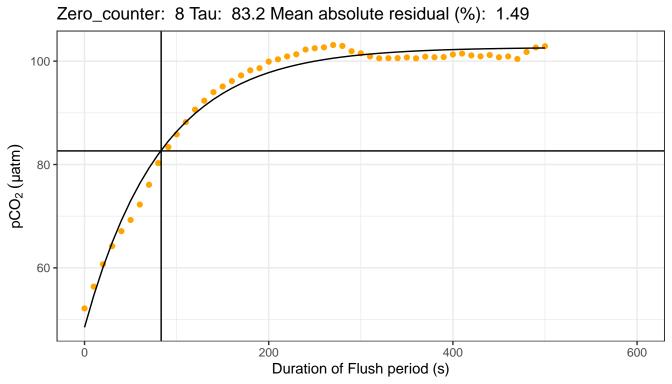
Zero_counter: 8 Tau: 116.5 Mean absolute residual (%): 0.81 100 90 pCO₂ (µatm) 80 -70 60 -50 200 400 600 Duration of Flush period (s)

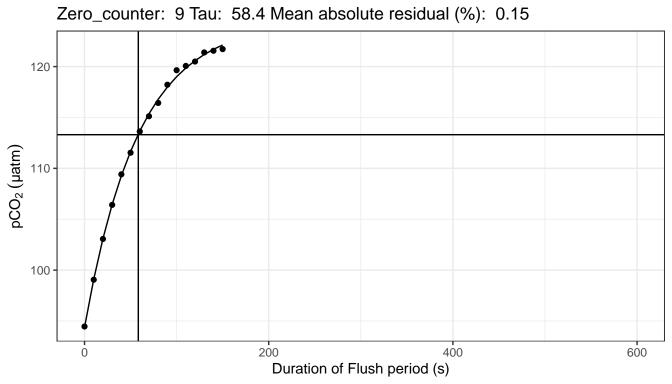


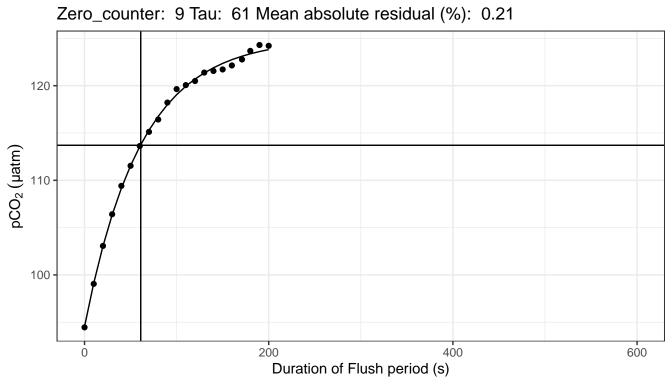


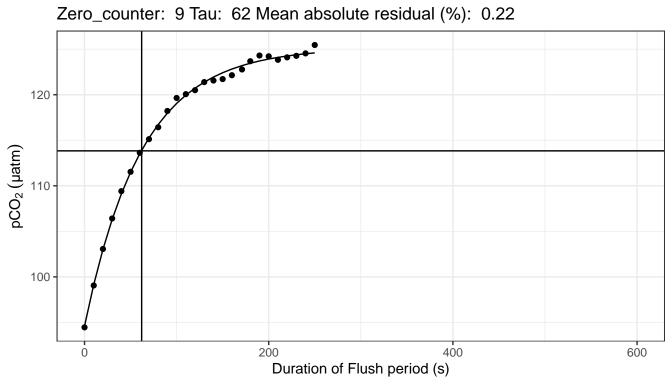
Zero_counter: 8 Tau: 87.1 Mean absolute residual (%): 1.58 100 90 pCO₂ (µatm) 80 70 -60 50 200 400 600 Duration of Flush period (s)

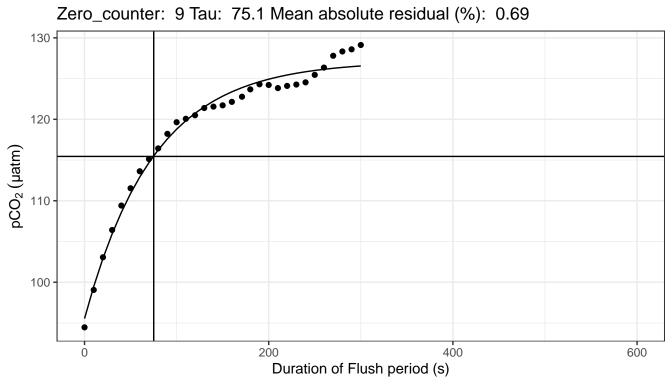


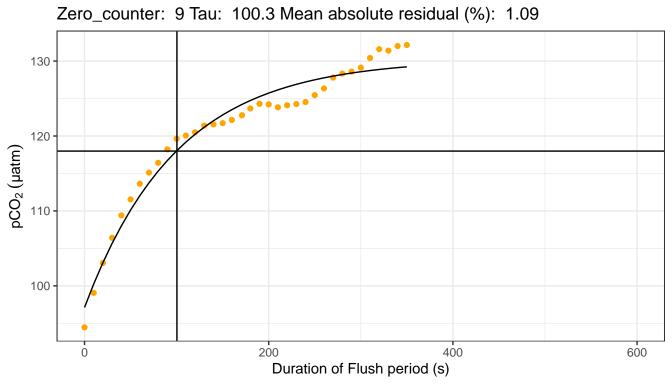


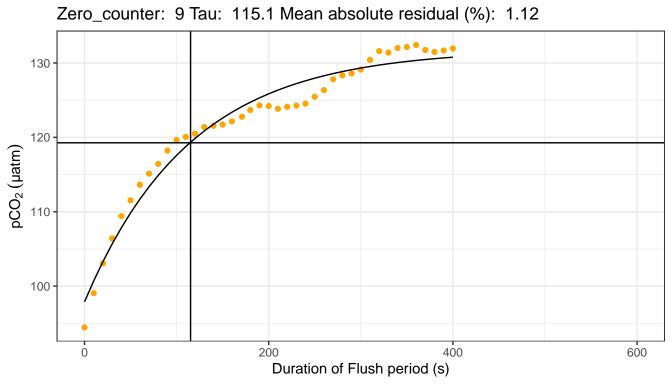


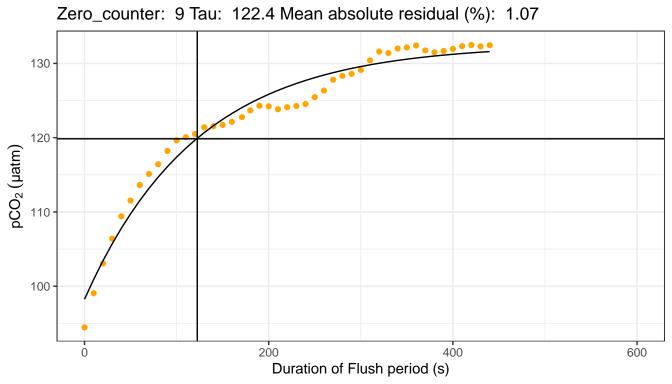


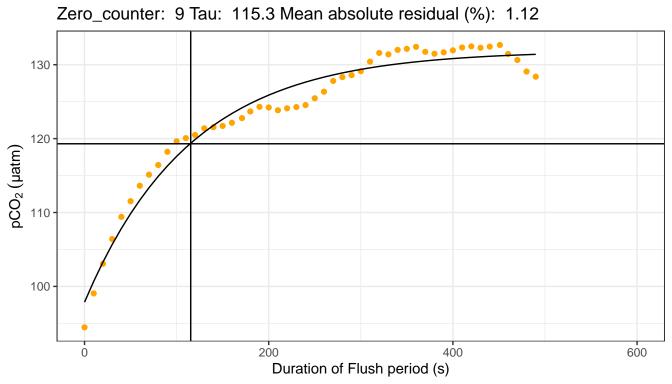


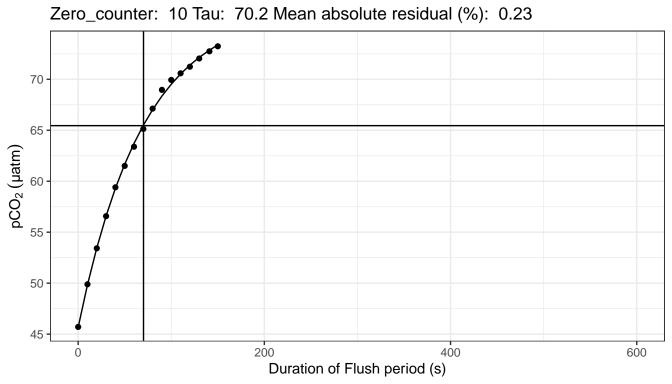


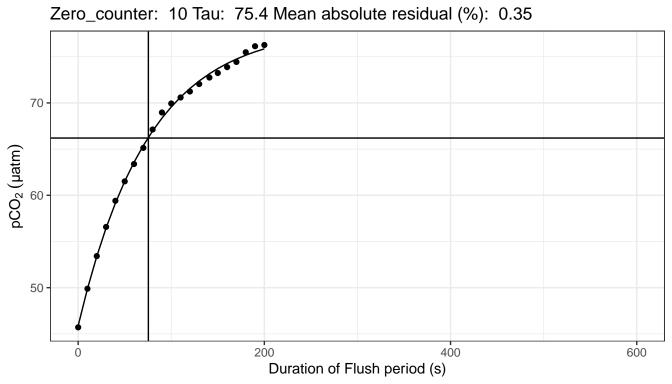


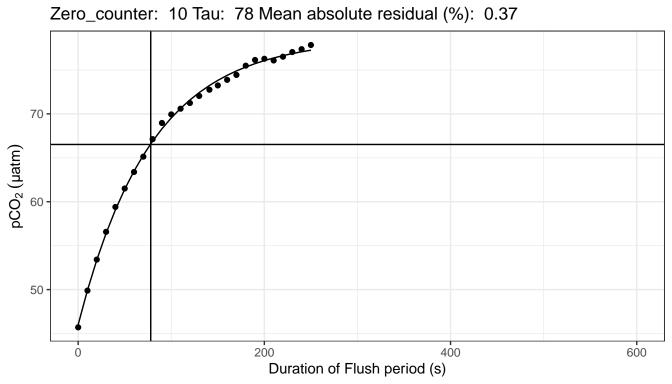


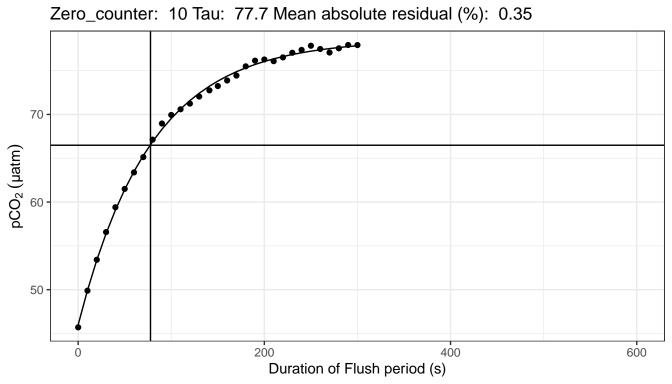


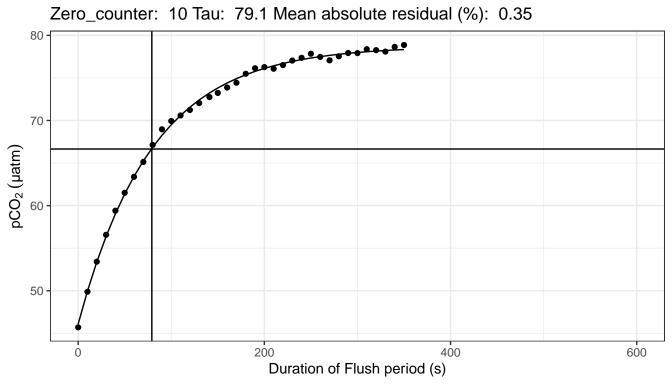


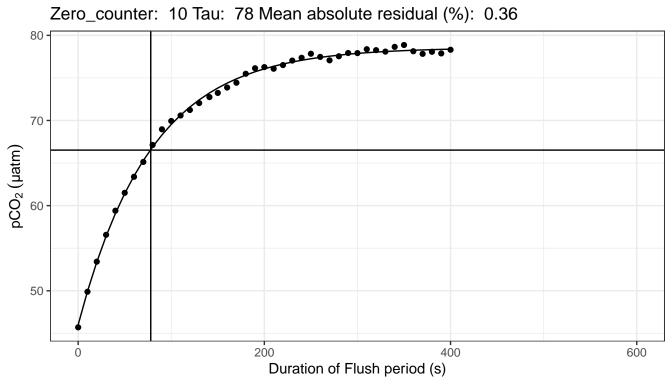


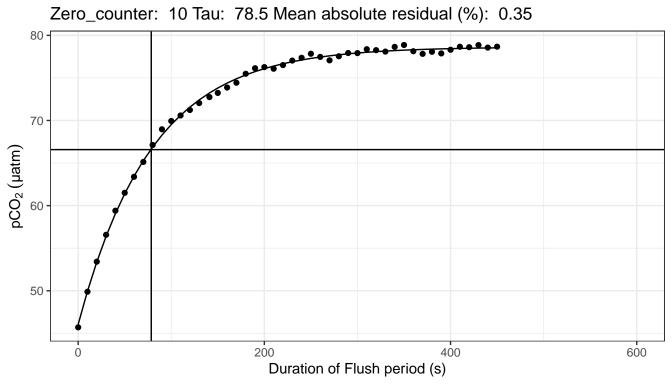


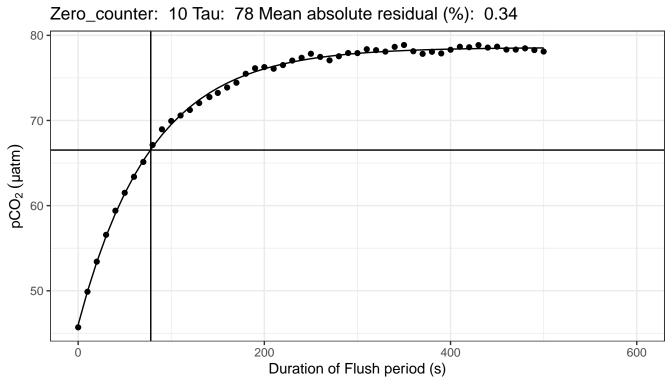


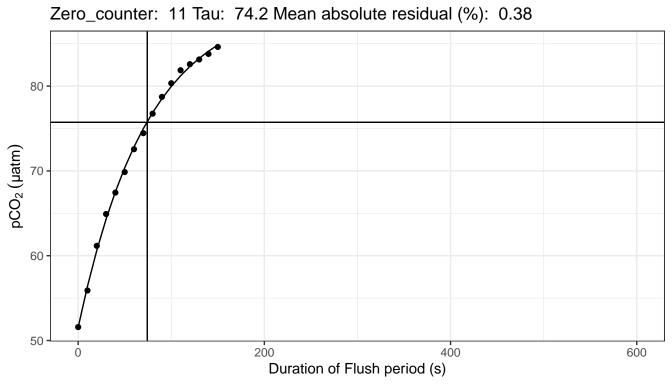


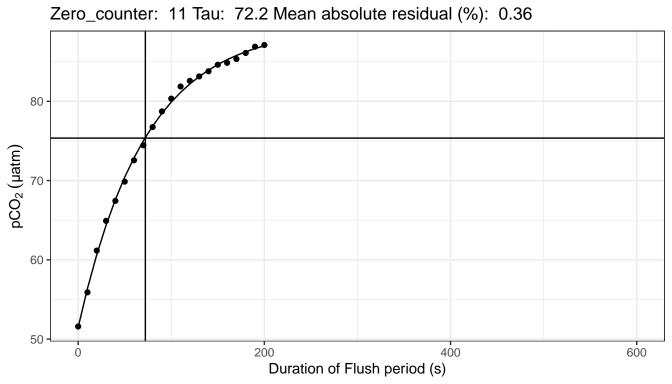


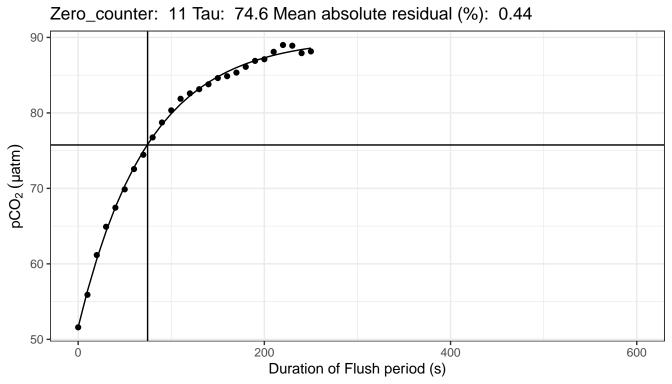


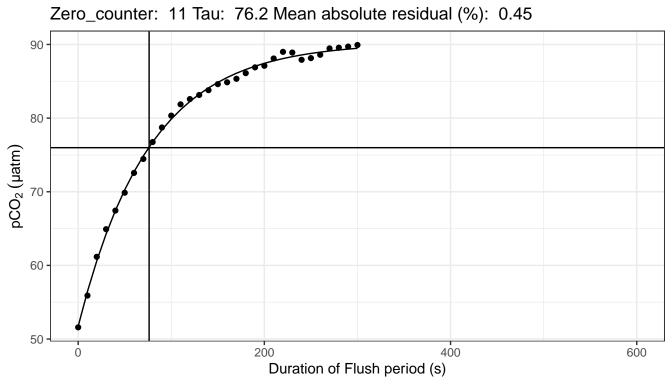


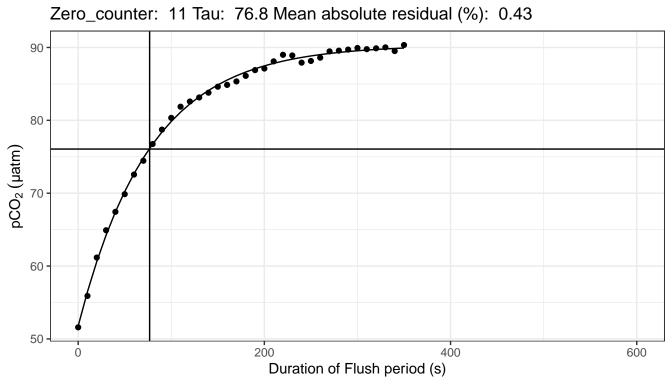




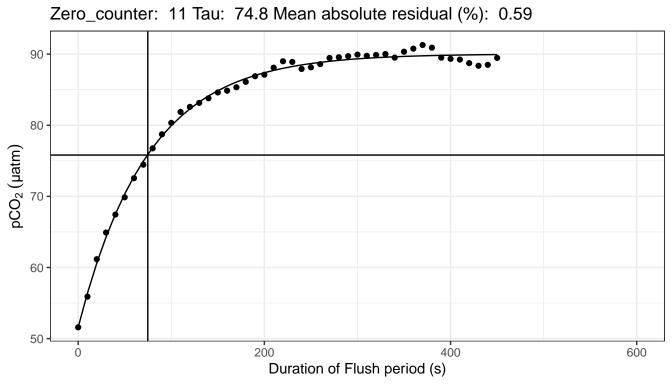


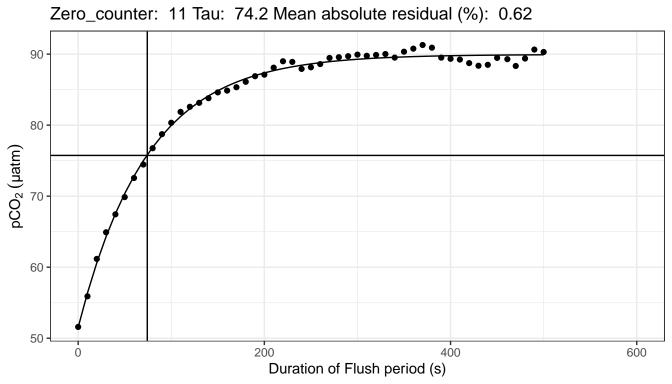


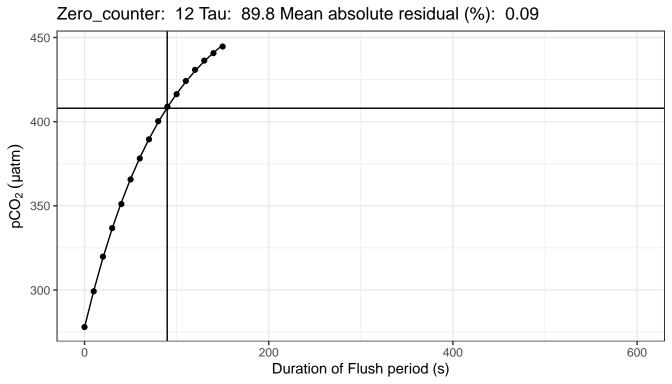


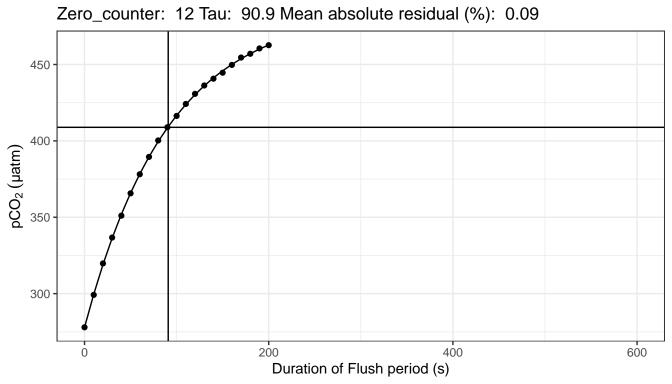


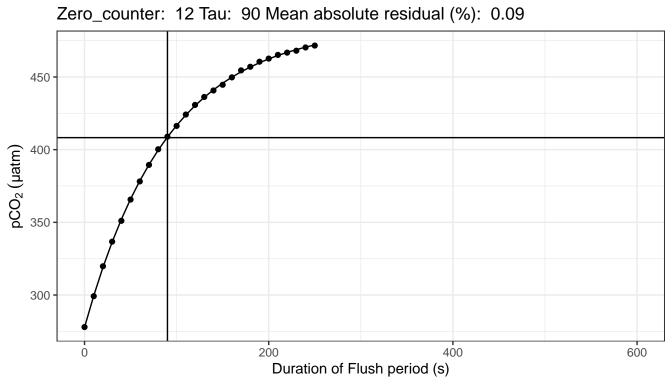
Zero_counter: 11 Tau: 77.4 Mean absolute residual (%): 0.48 pCO₂ (µatm) Duration of Flush period (s)

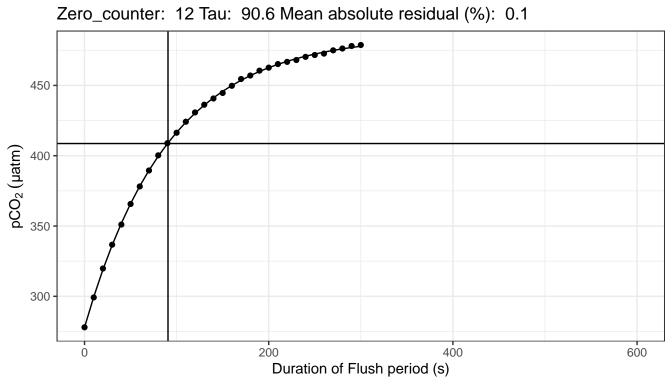


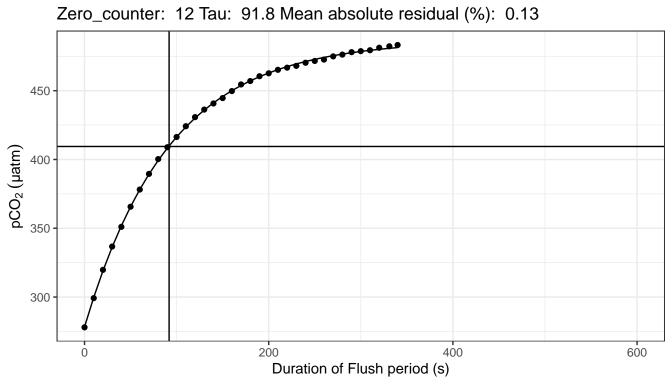


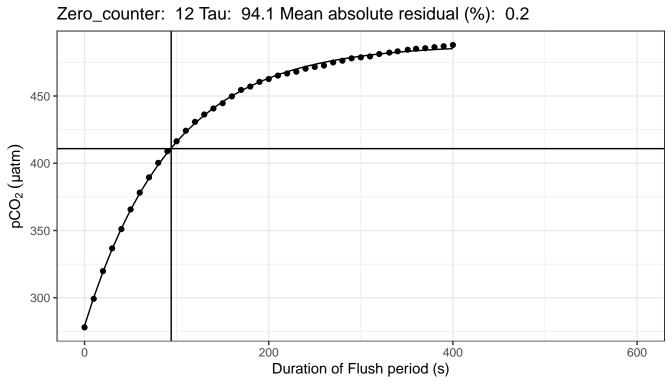


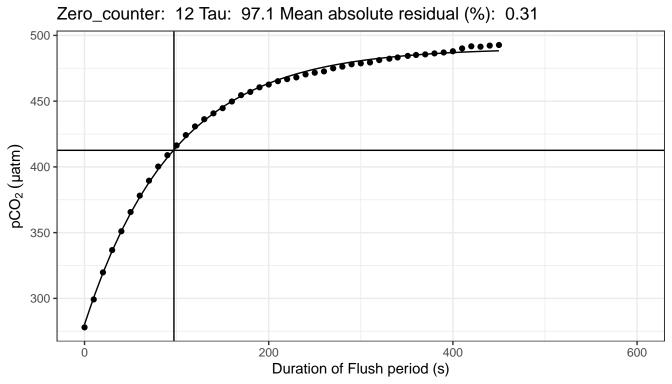




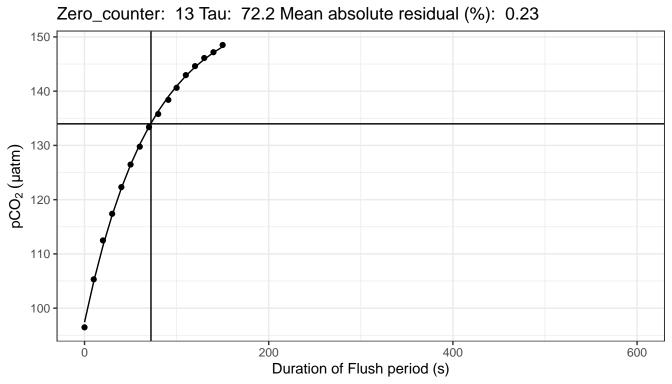


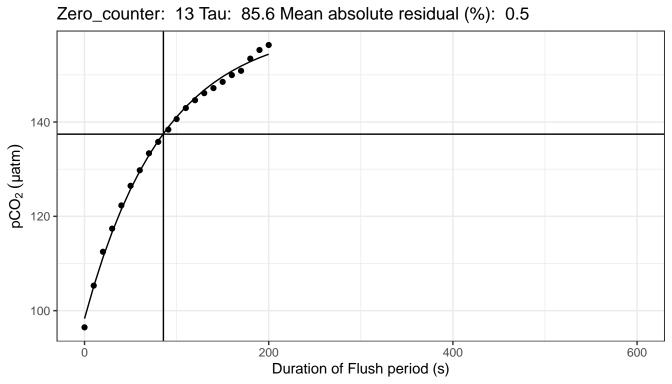


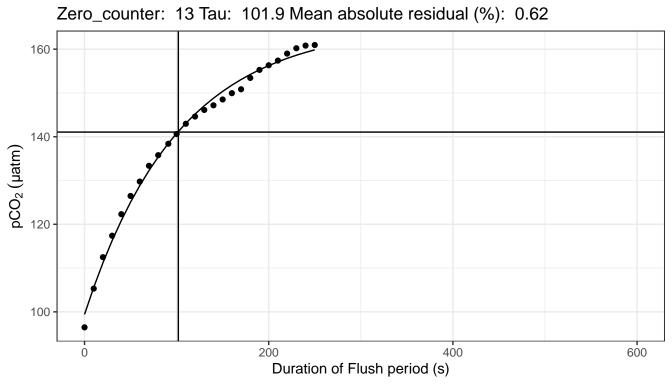


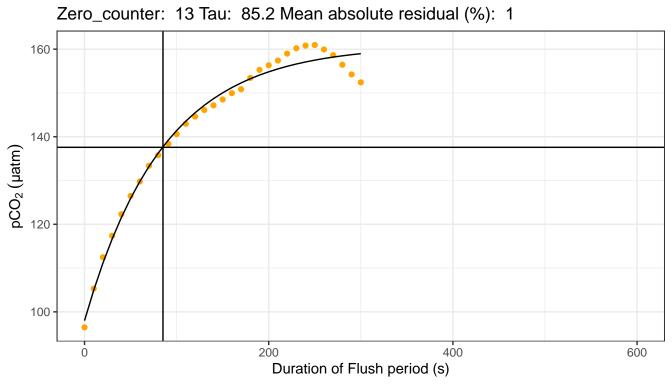


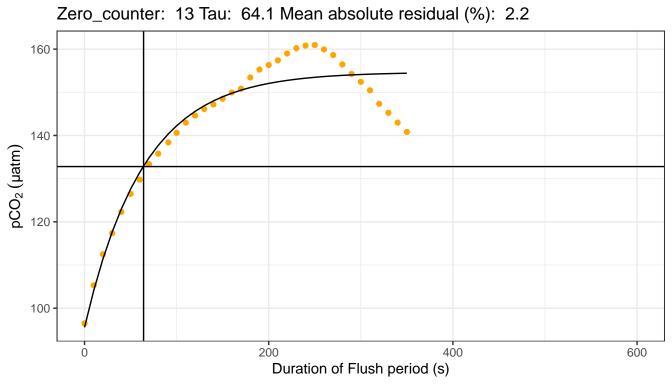
Zero_counter: 12 Tau: 98.6 Mean absolute residual (%): 0.35 500 450 pCO₂ (µatm) 350 300 -200 400 600 Duration of Flush period (s)

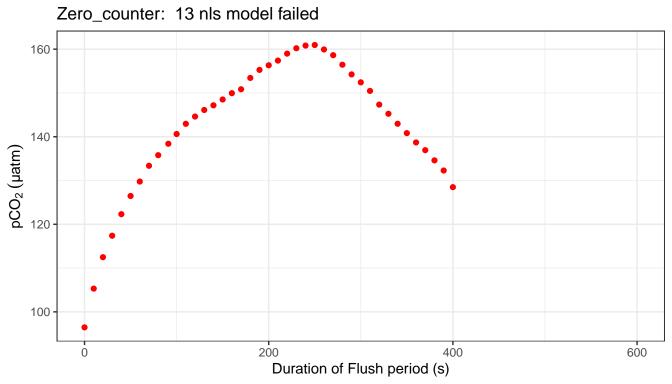


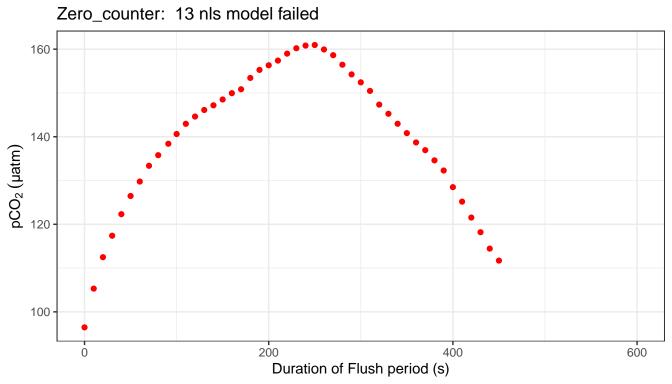


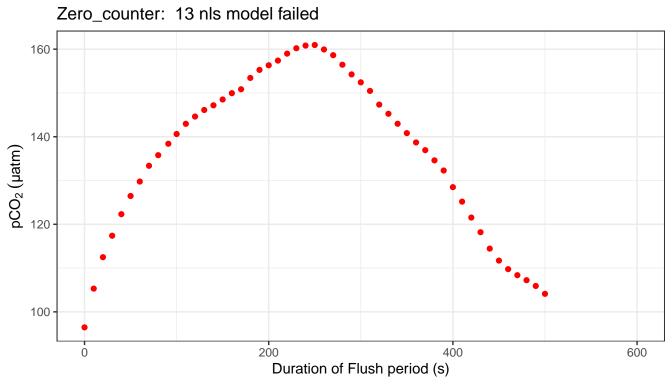


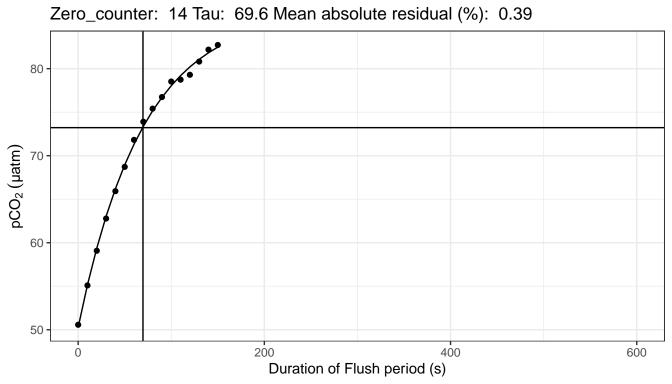


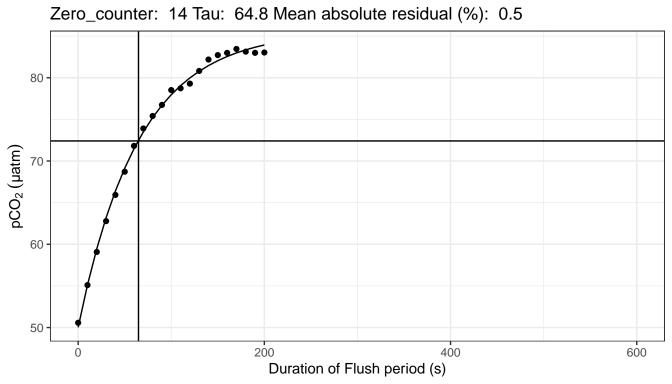


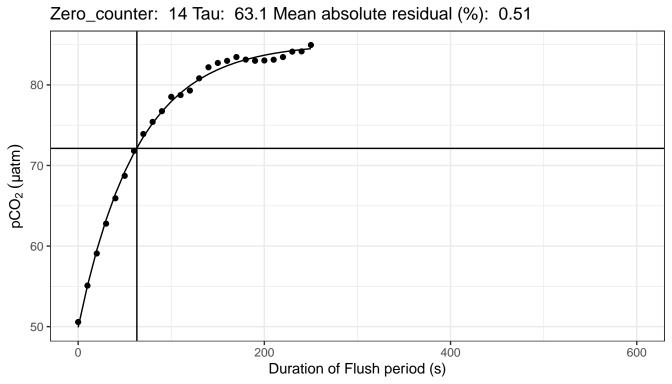


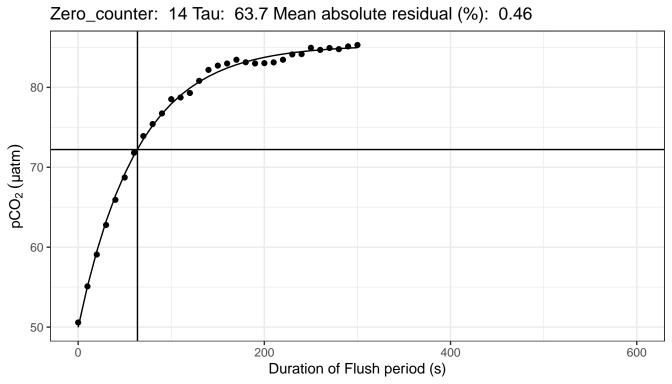


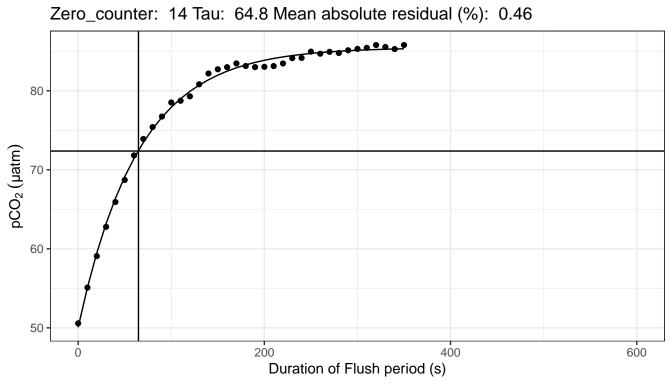


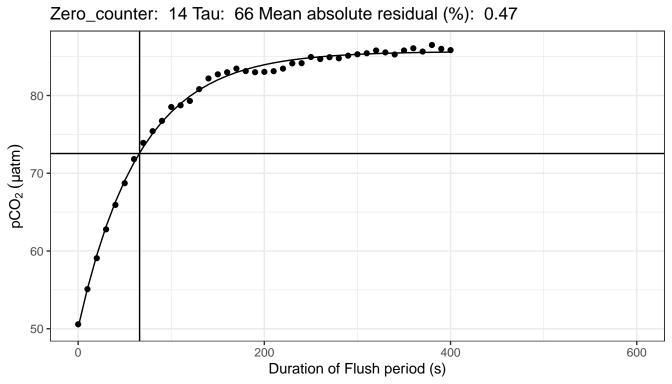




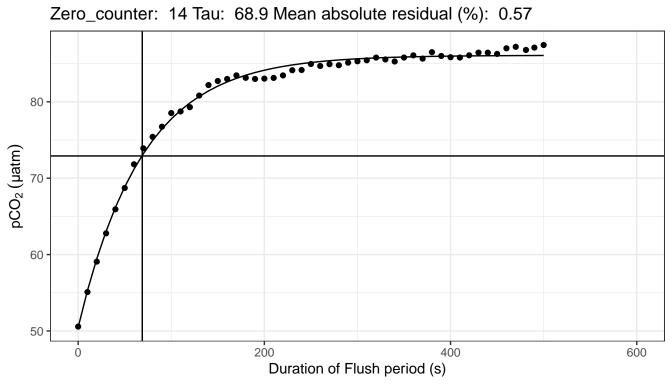


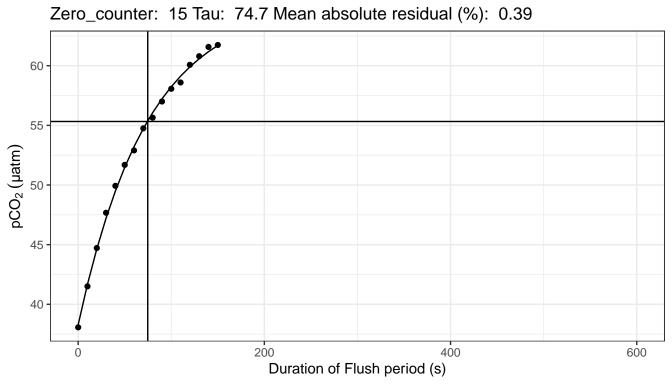


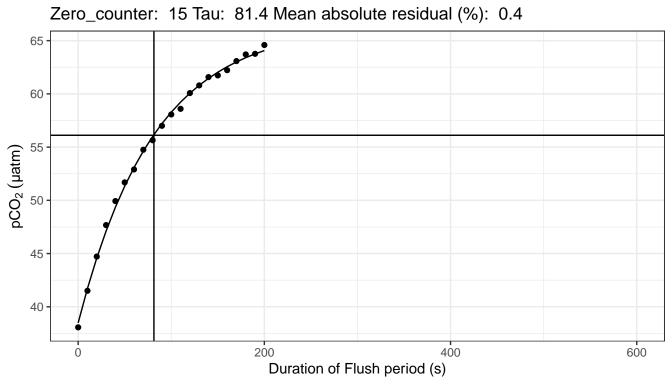


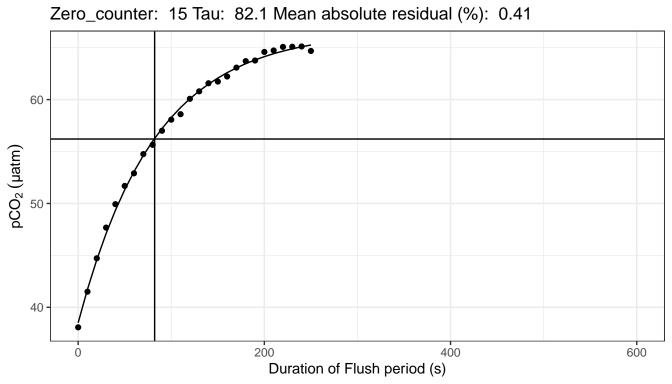


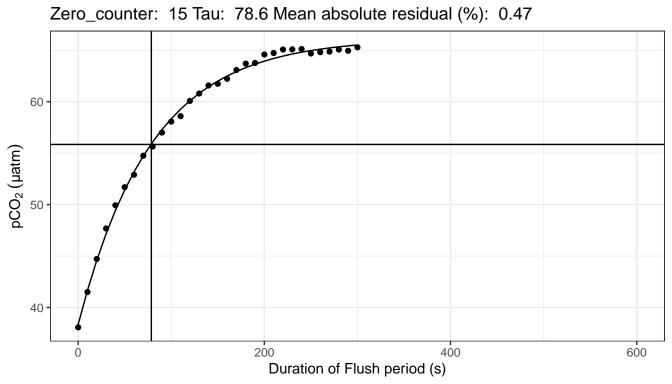
Zero_counter: 14 Tau: 66.9 Mean absolute residual (%): 0.48 80 pCO_2 (µatm) 60 -50 200 400 600 Duration of Flush period (s)

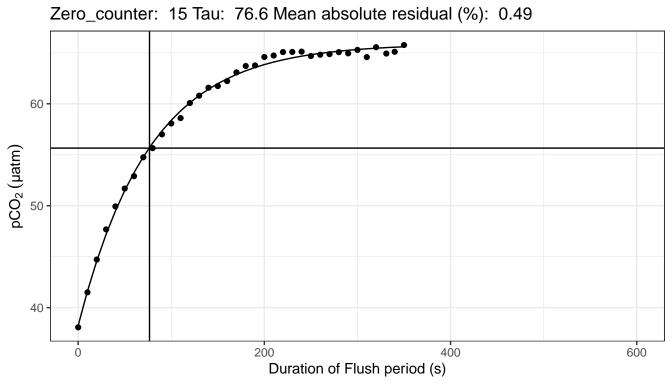


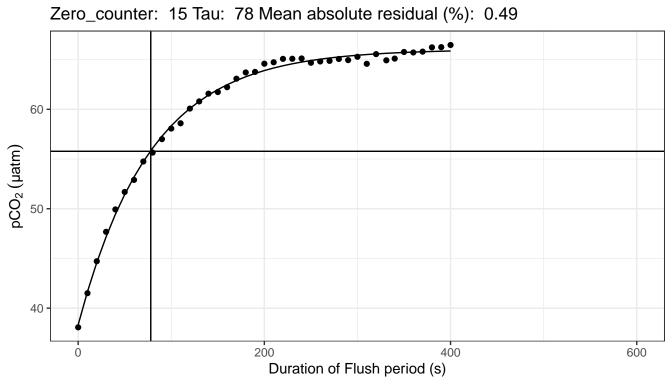


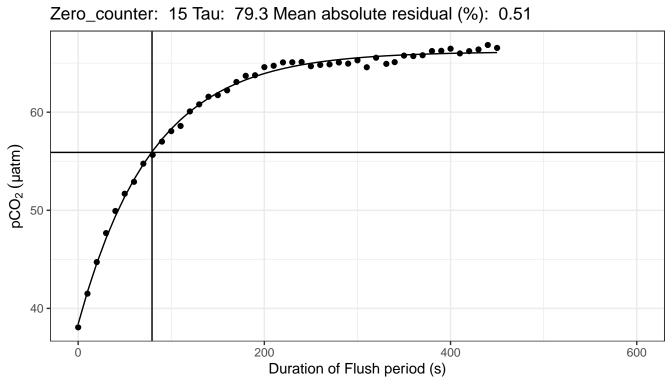


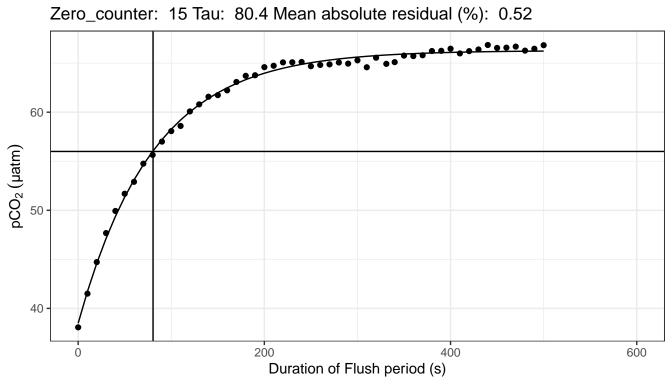


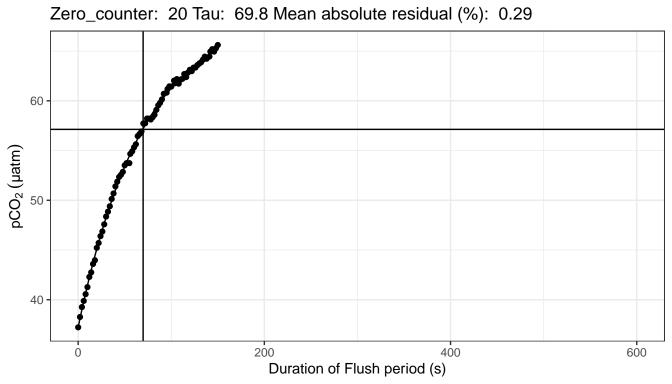


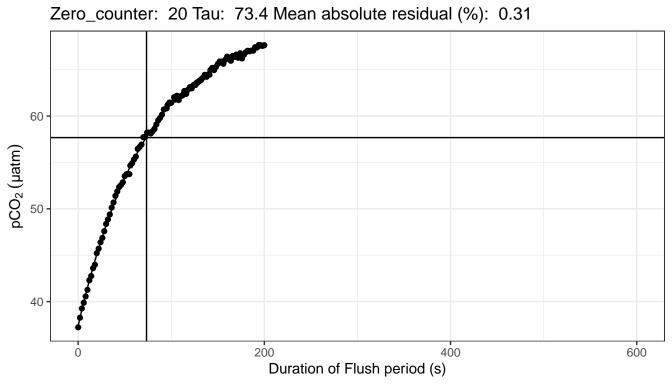


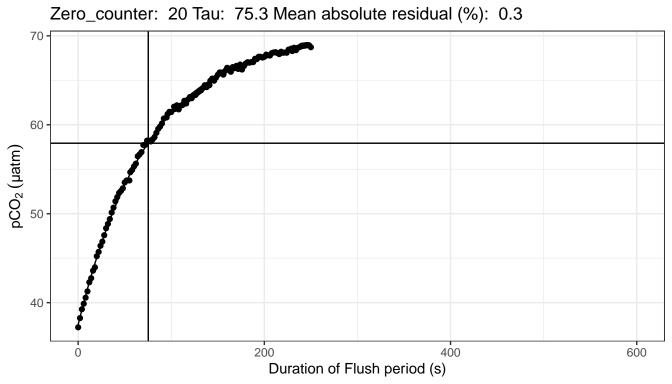


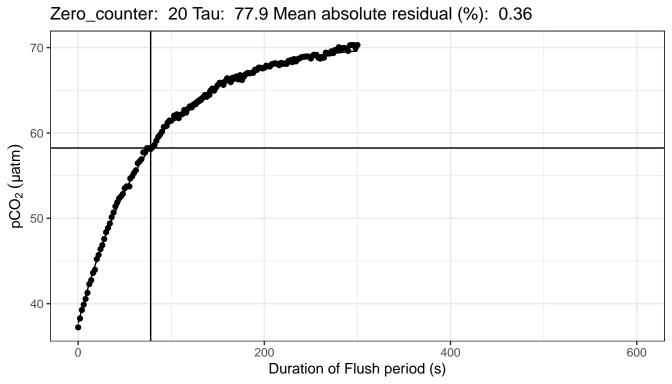


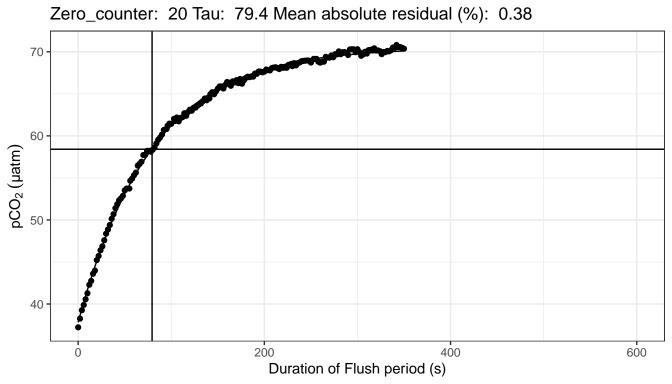


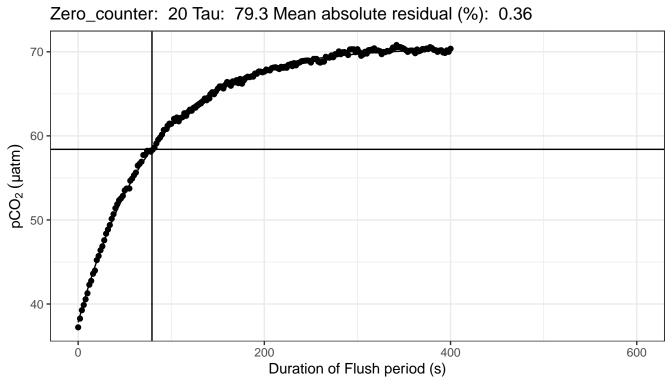


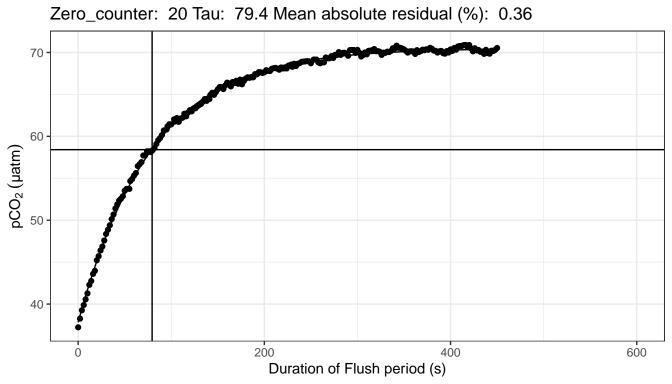


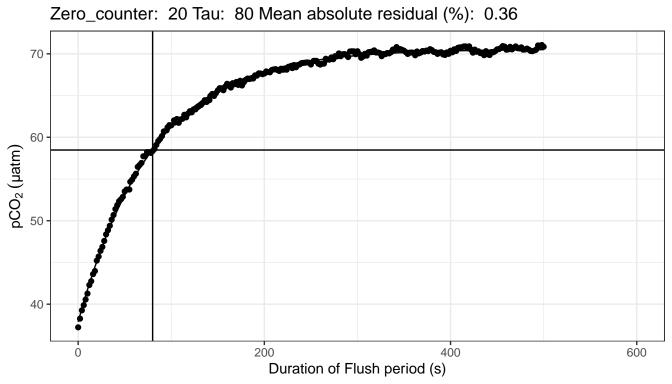


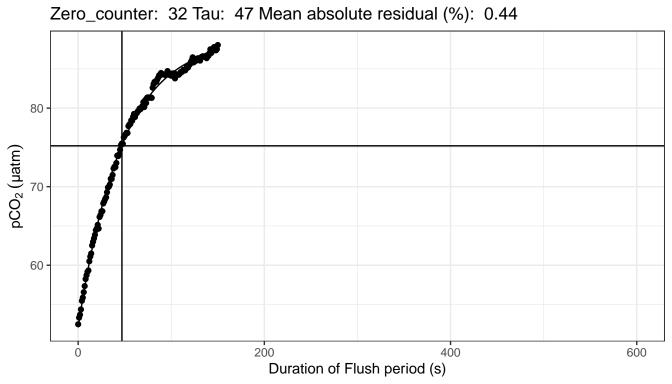


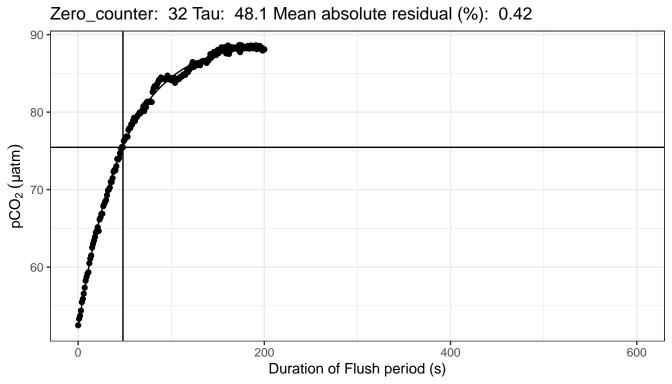


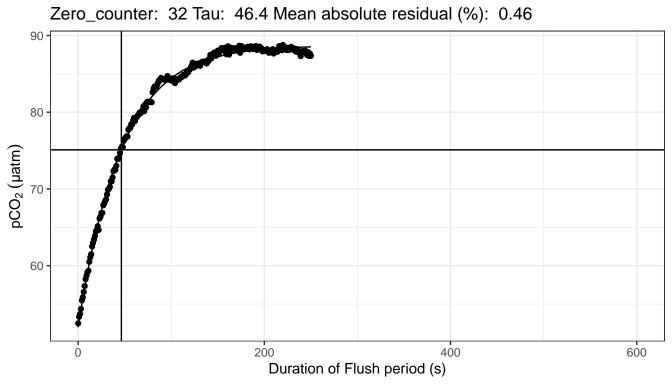


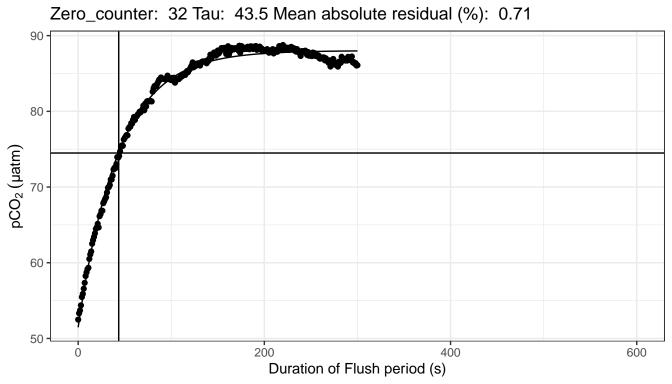


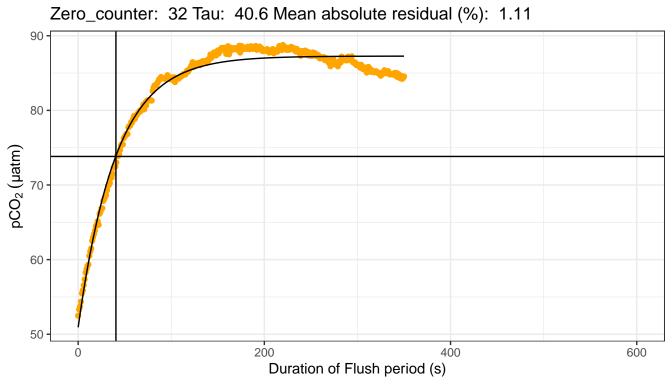


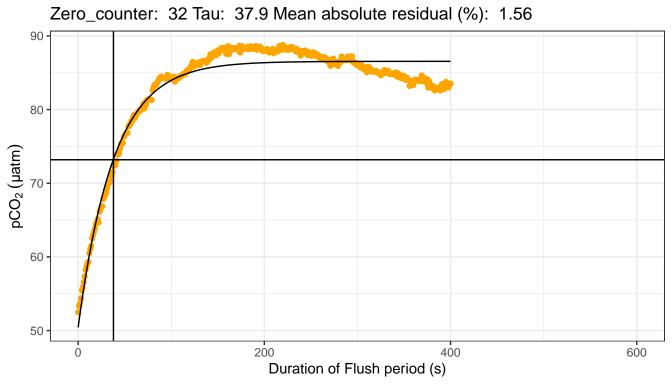


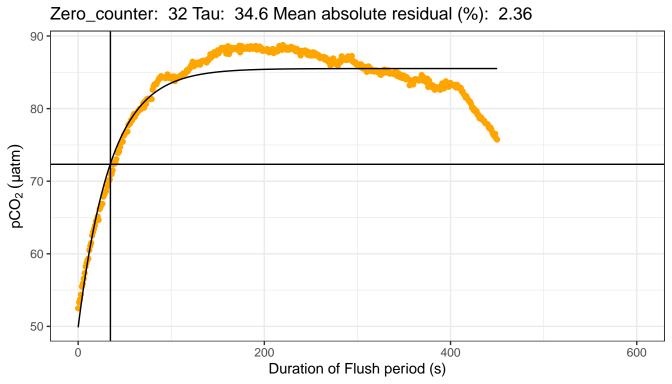


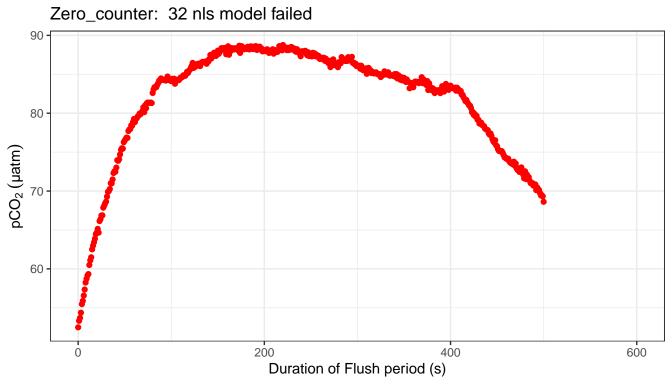


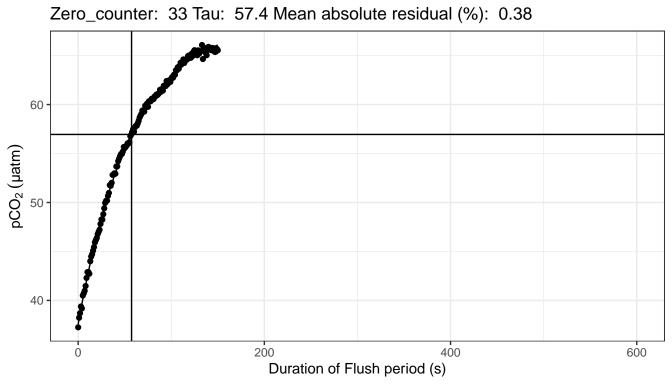


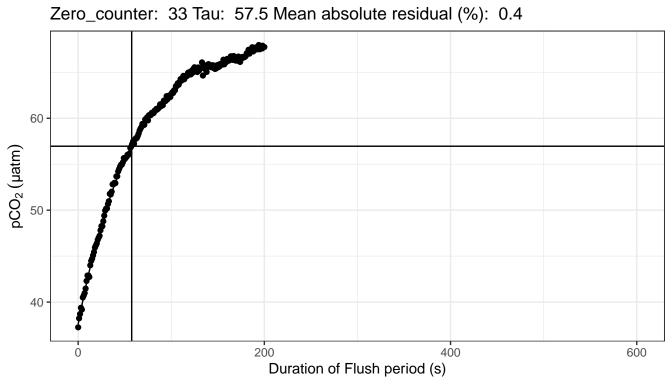


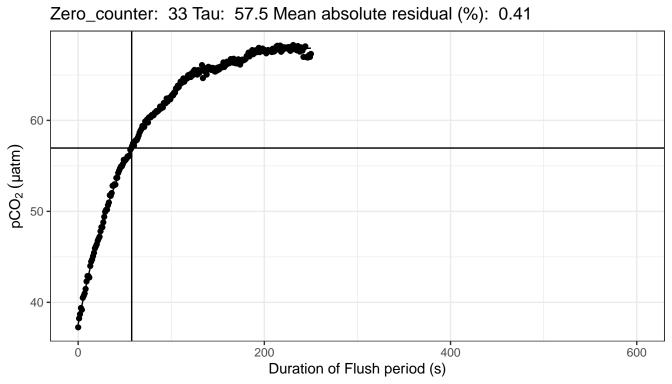


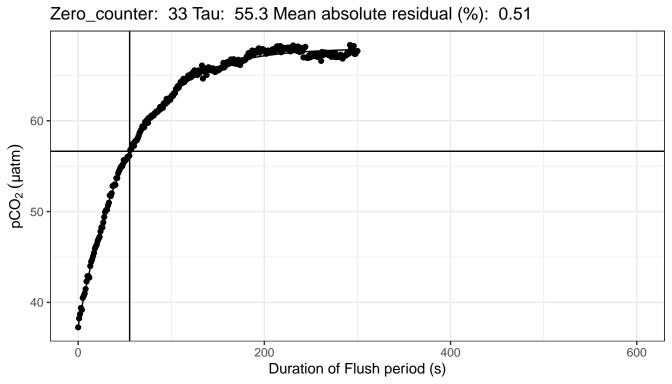


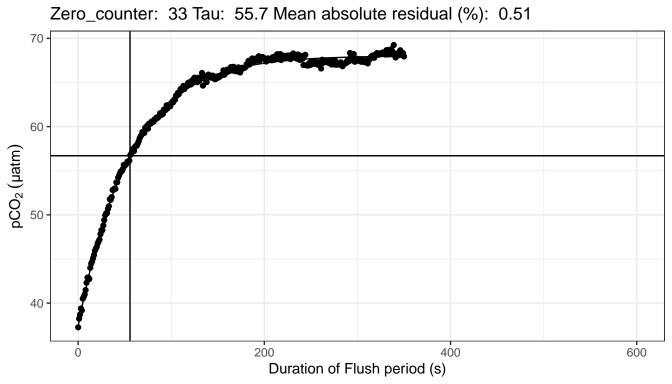


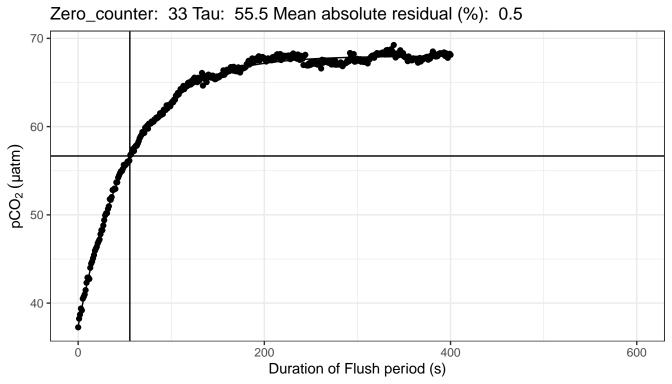


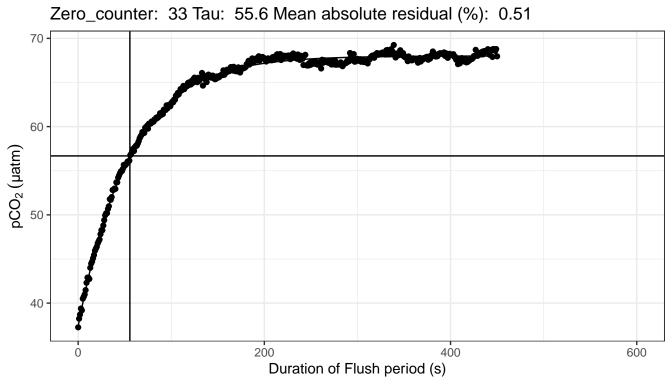


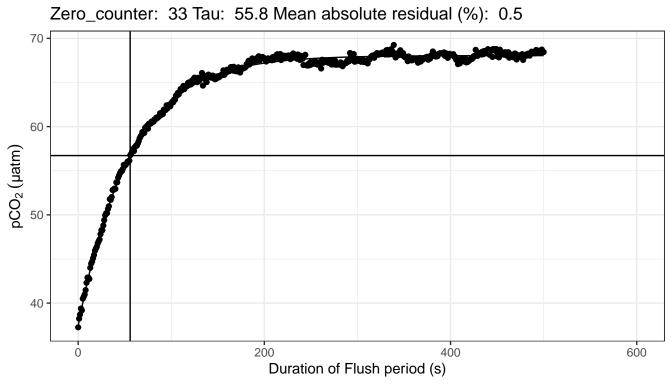


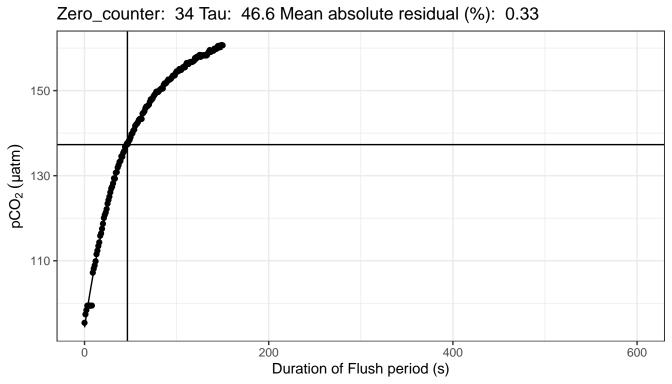


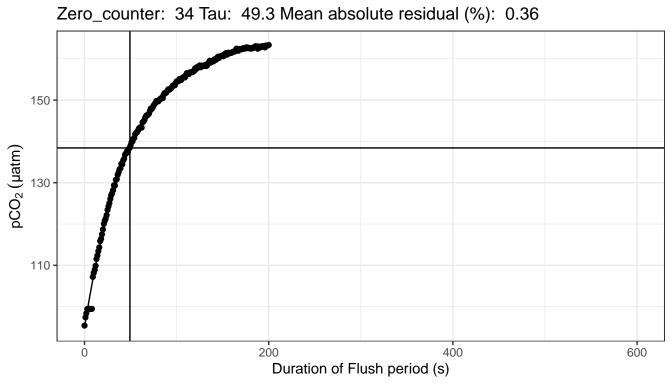


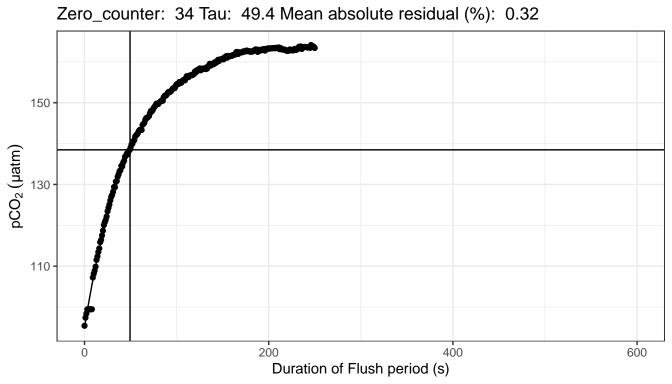


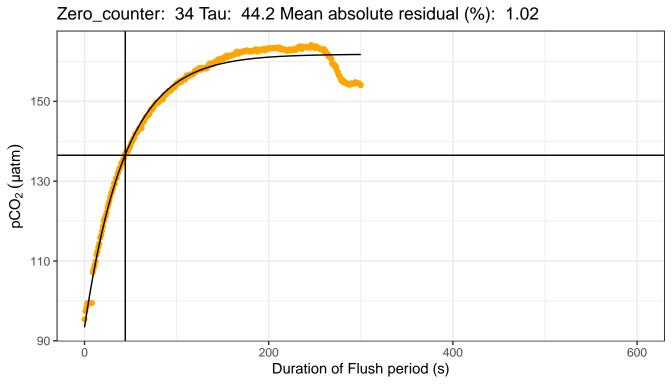


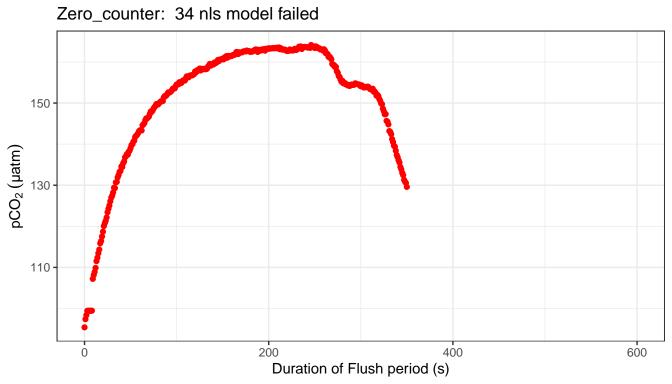


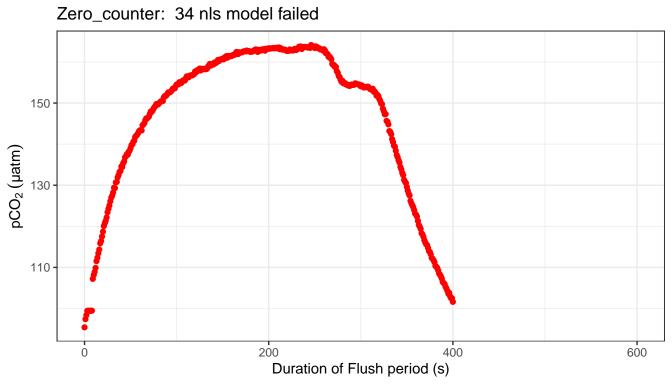


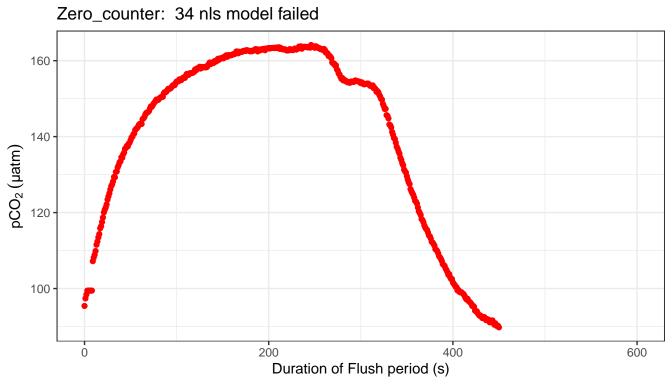


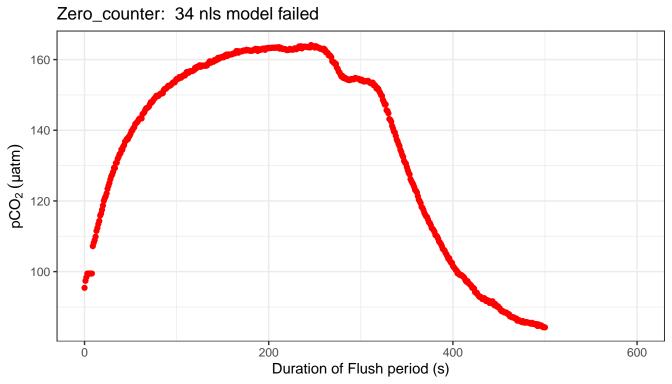


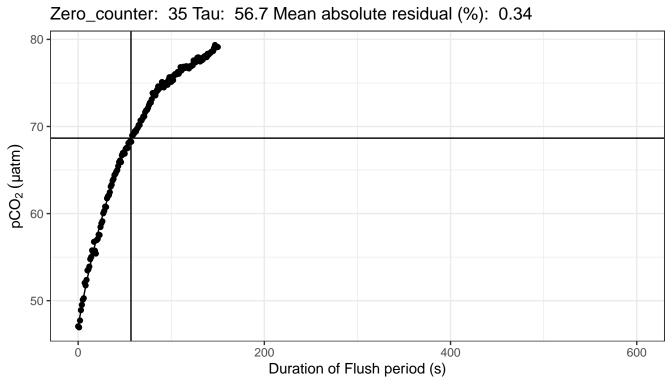


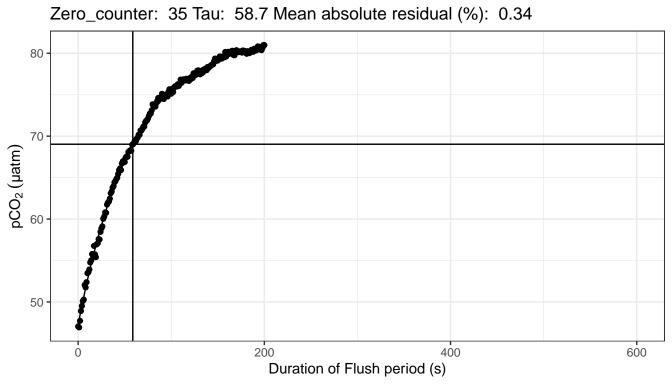


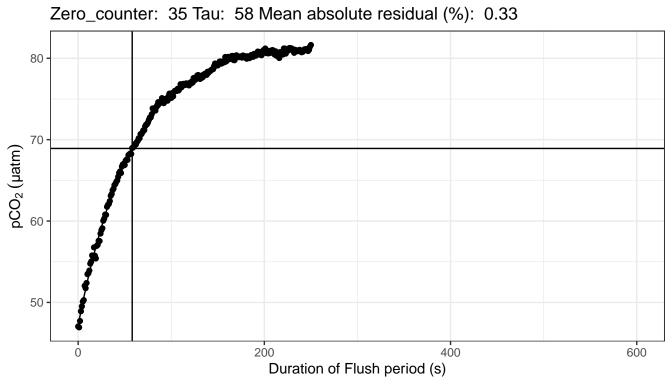


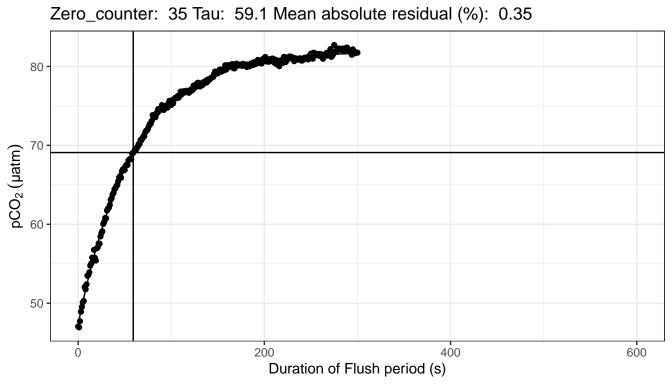


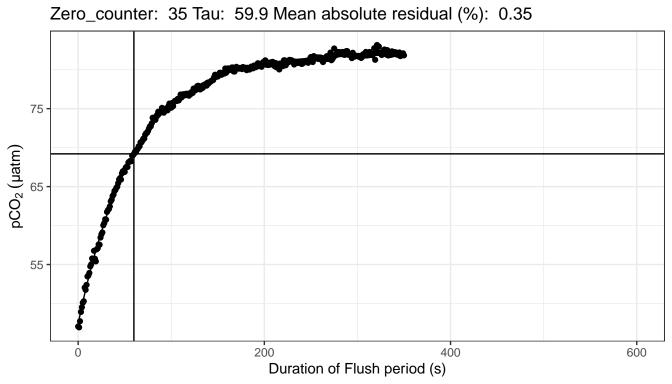


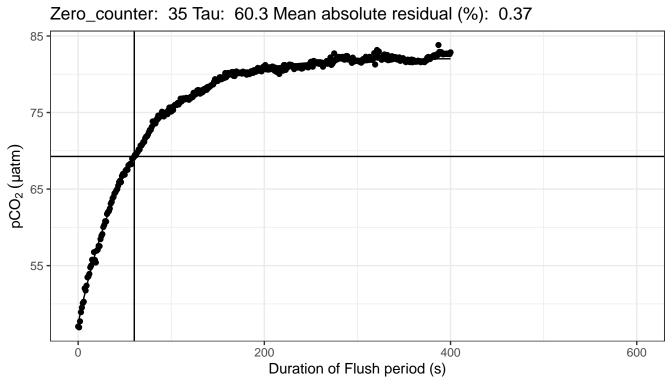


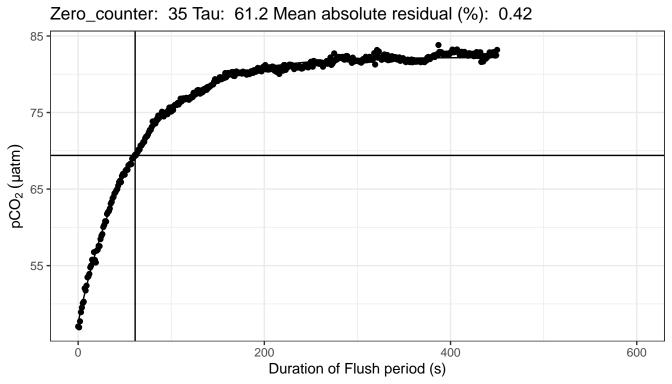


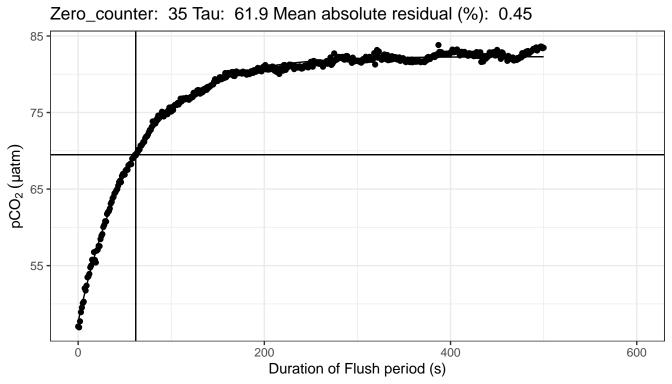


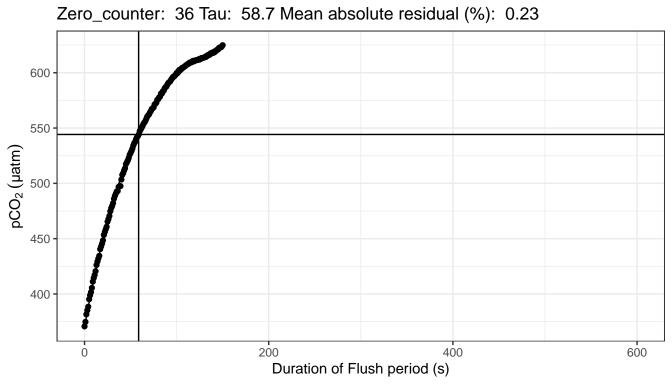


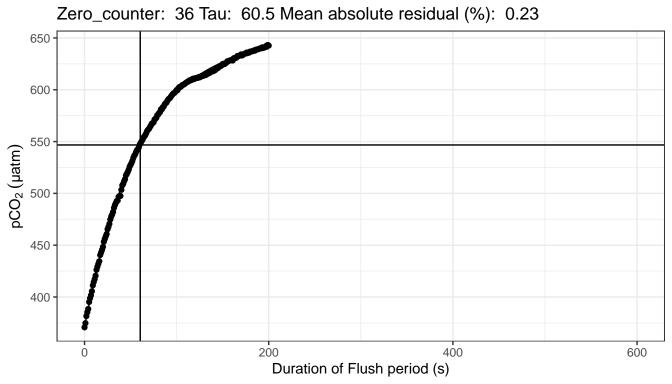








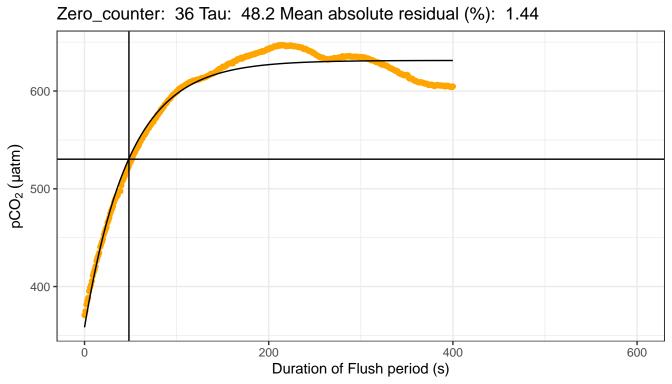


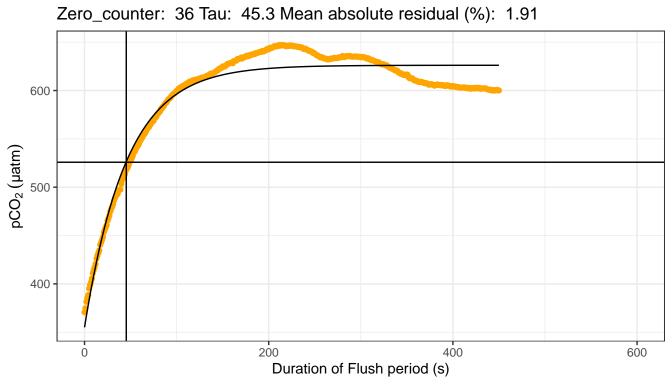


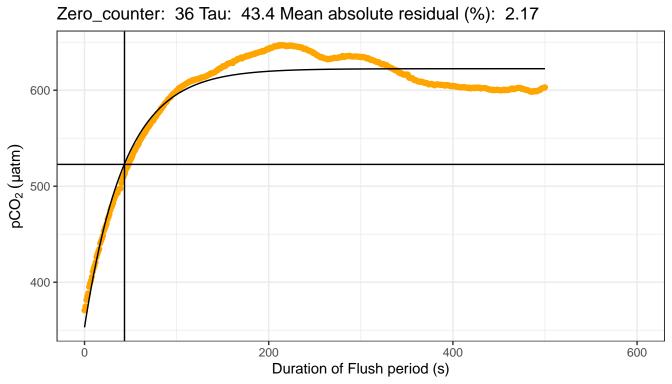
Zero_counter: 36 Tau: 61 Mean absolute residual (%): 0.28 pCO₂ (µatm) 400 -Duration of Flush period (s)

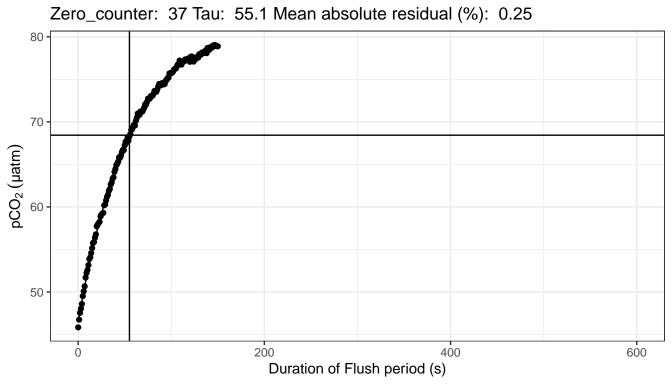
Zero_counter: 36 Tau: 56.5 Mean absolute residual (%): 0.58 pCO₂ (µatm) Duration of Flush period (s)

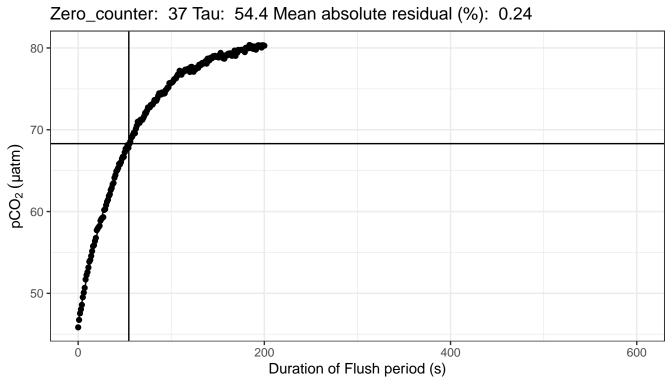
Zero_counter: 36 Tau: 52.7 Mean absolute residual (%): 0.86 pCO₂ (µatm) Duration of Flush period (s)

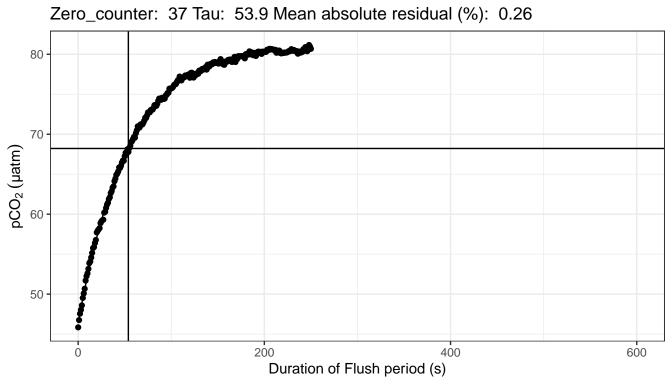


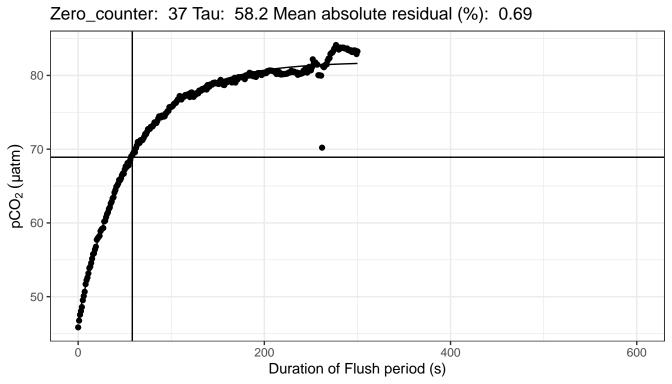


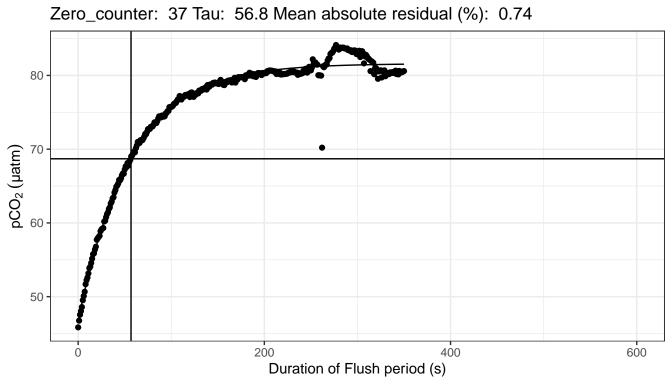


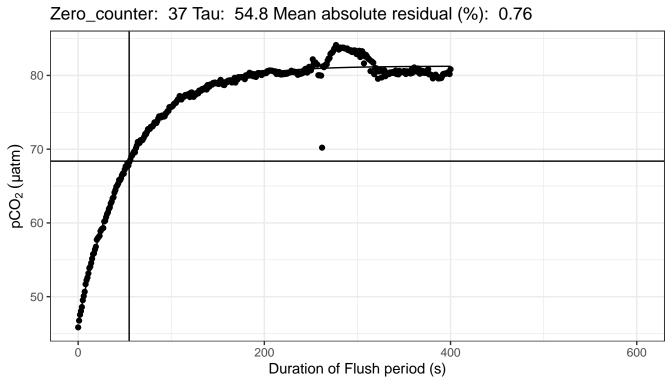


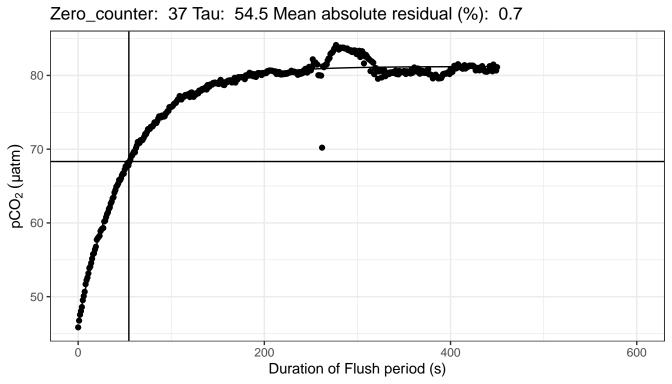


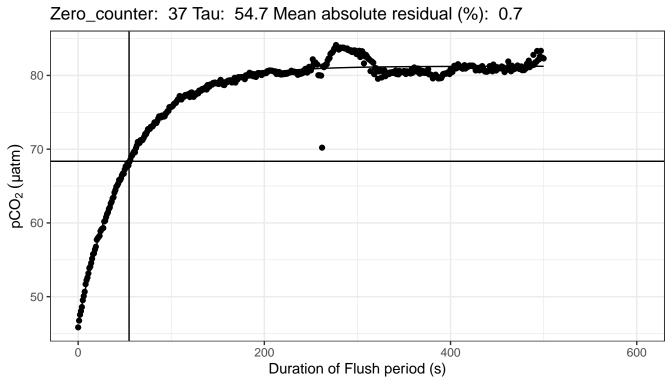


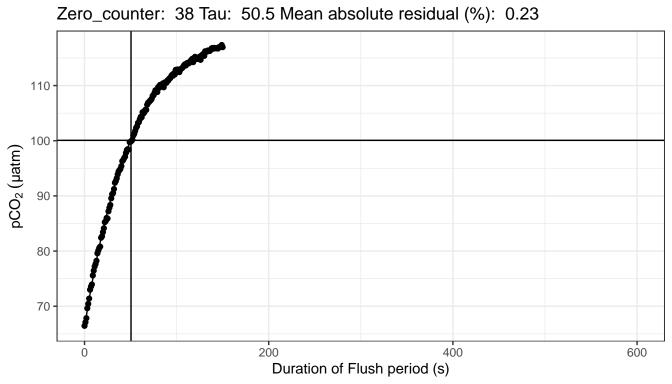


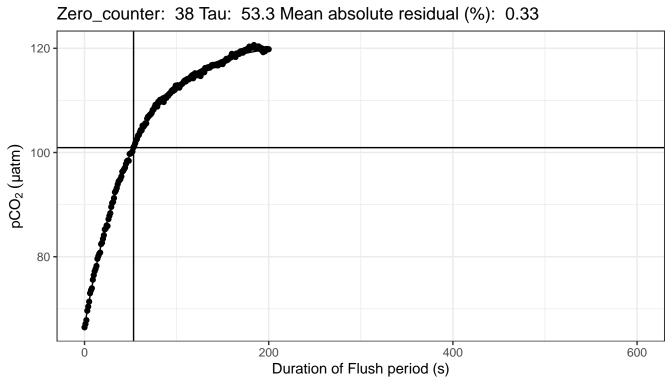


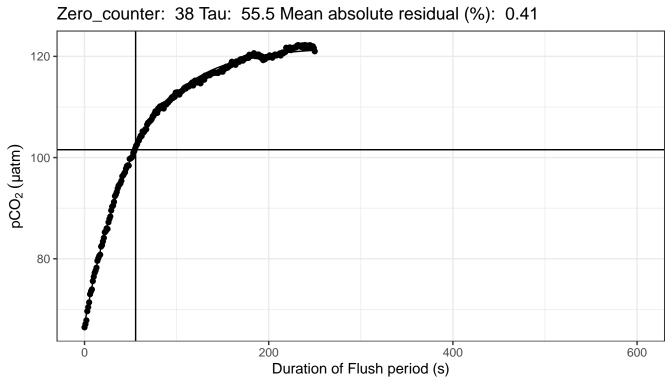


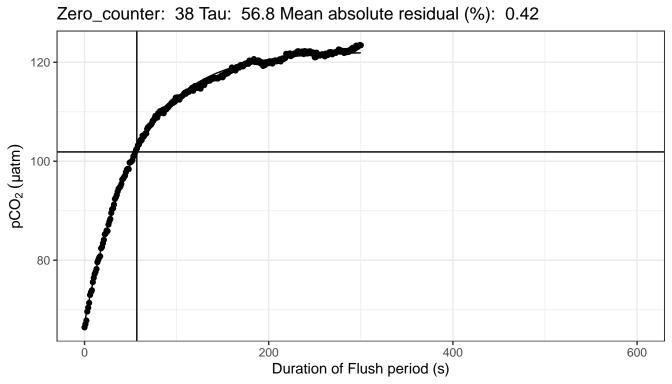


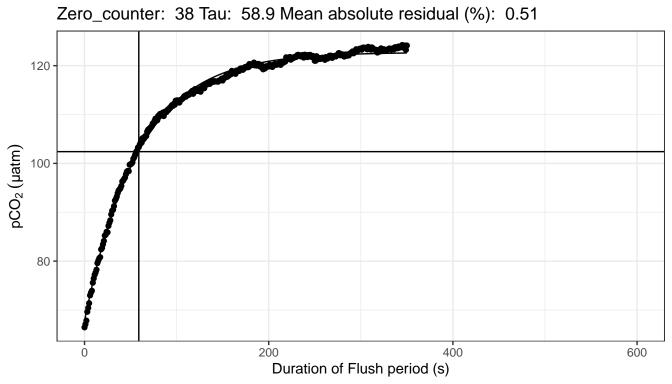


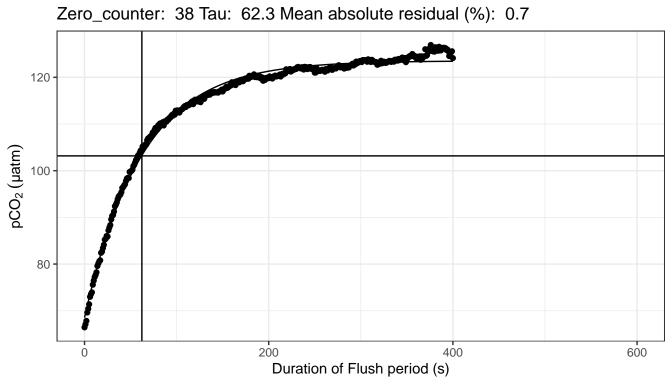


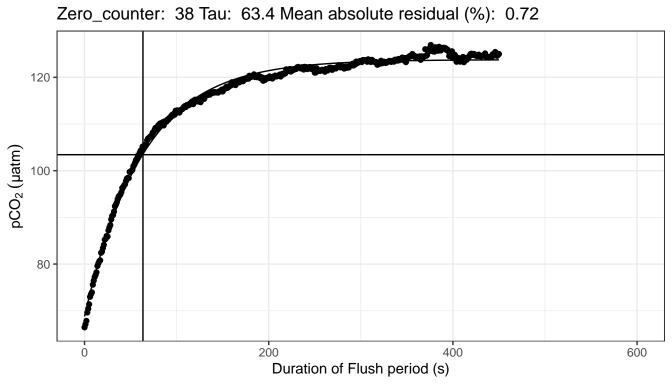


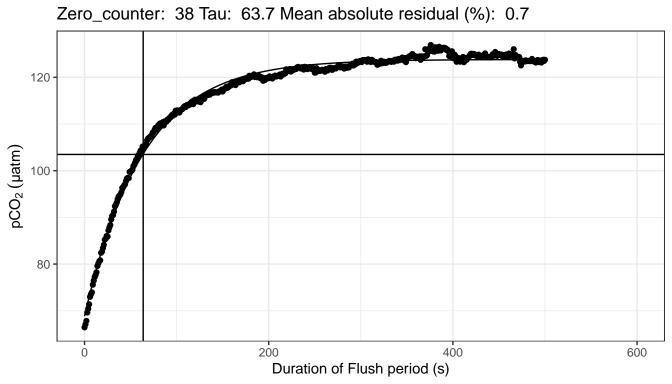


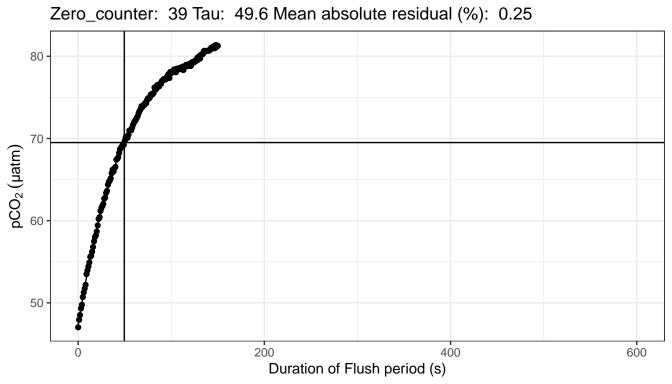


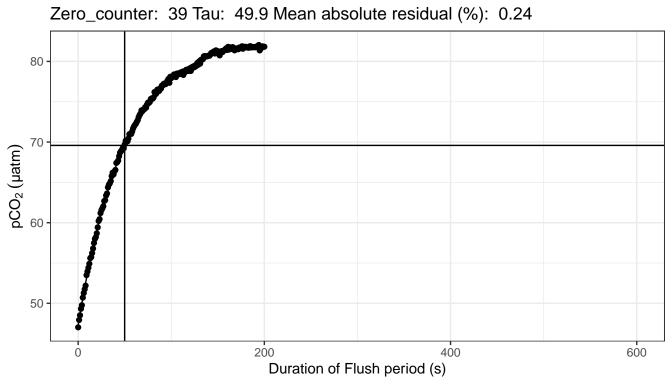


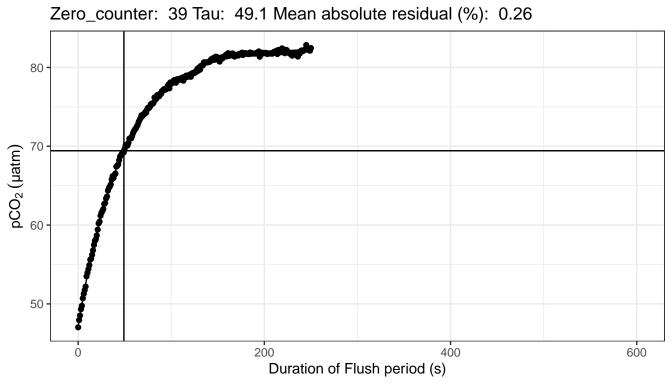


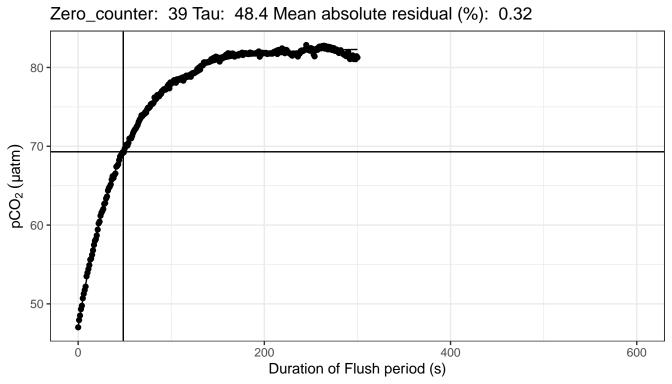


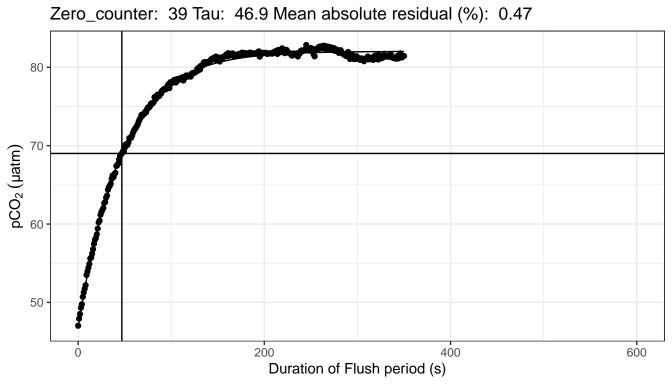


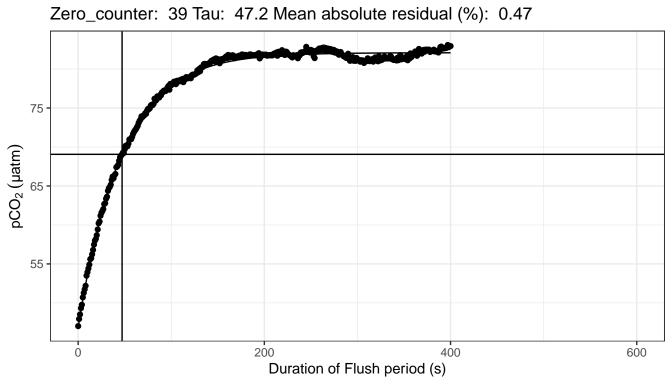


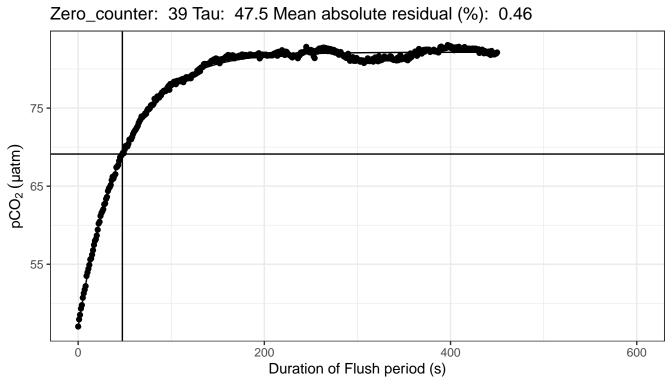


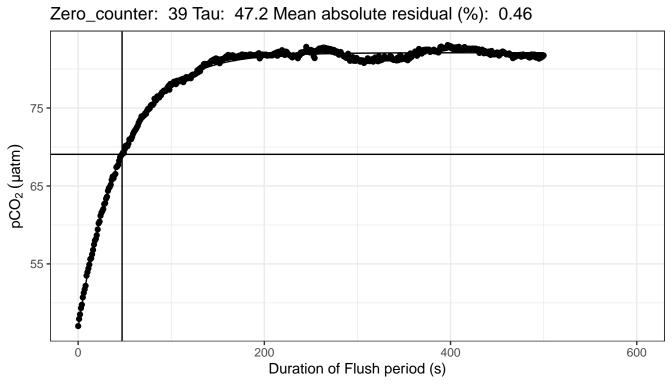


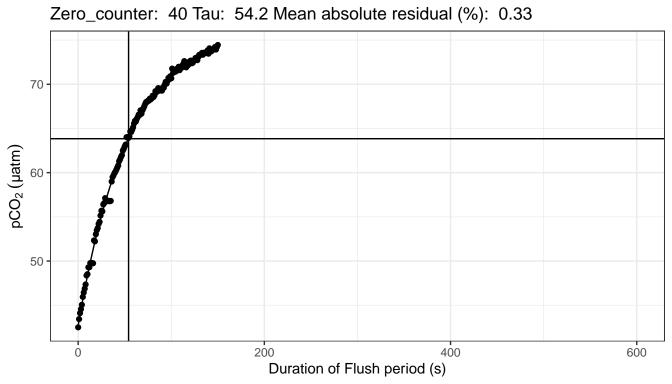


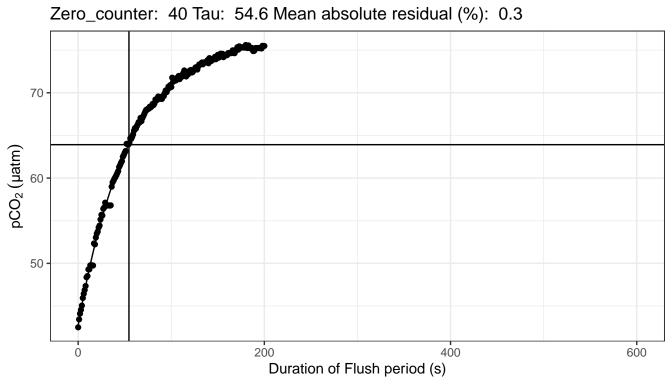


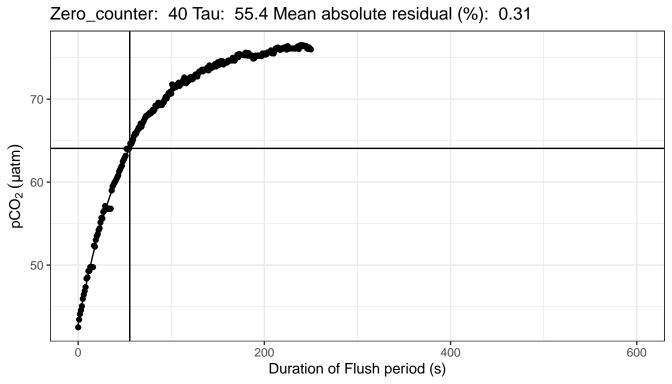


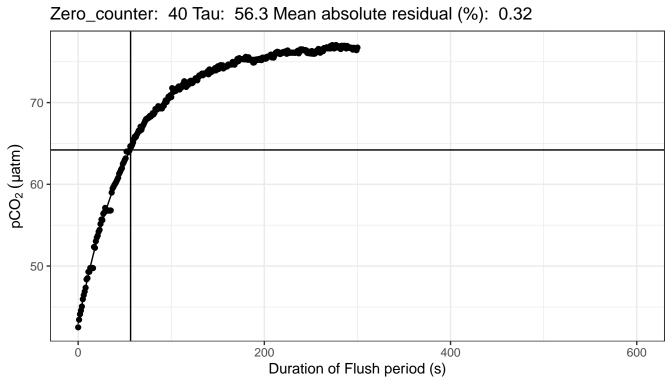


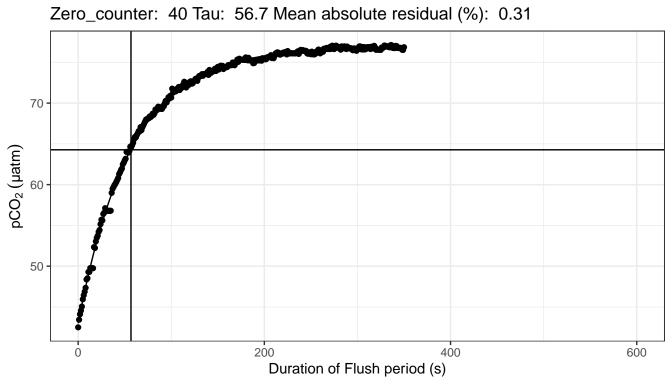


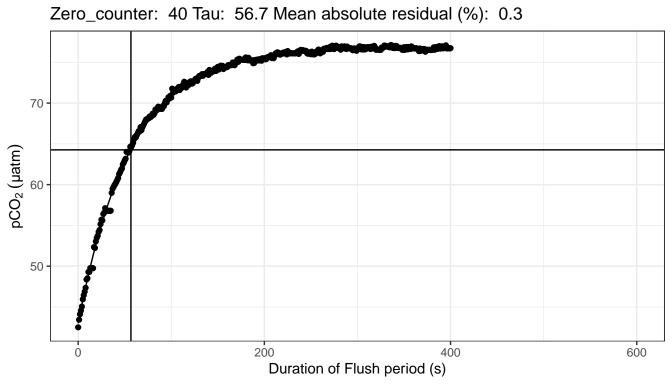


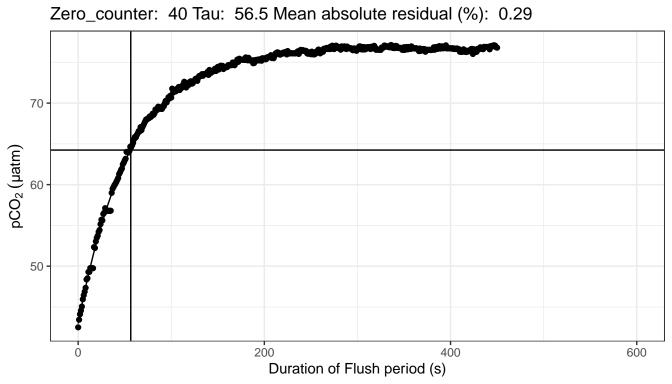


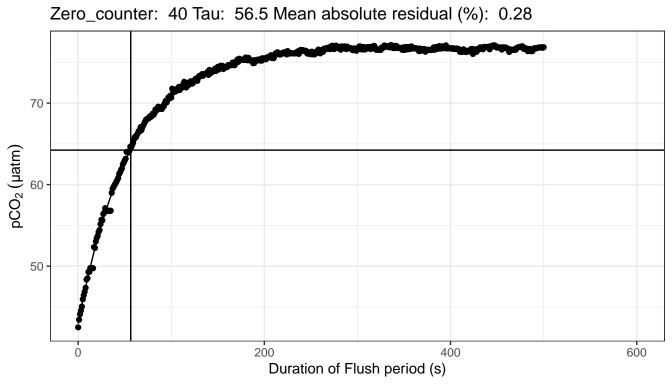


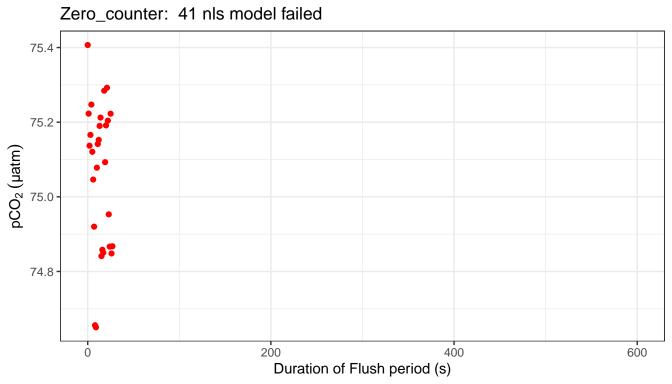


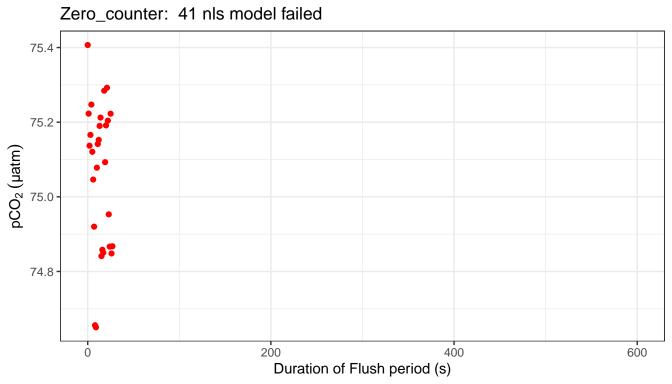


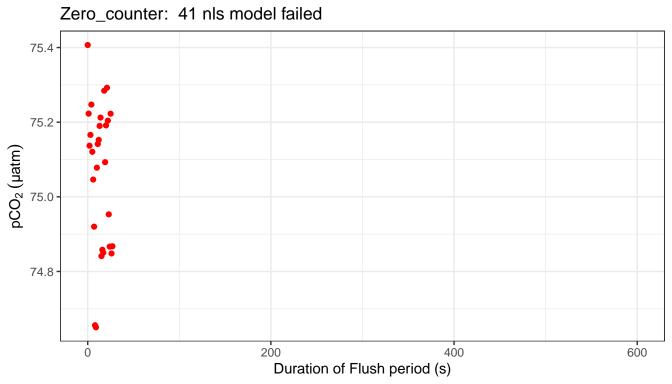


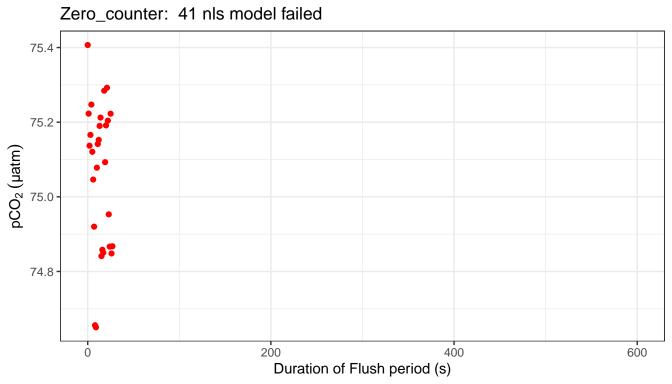


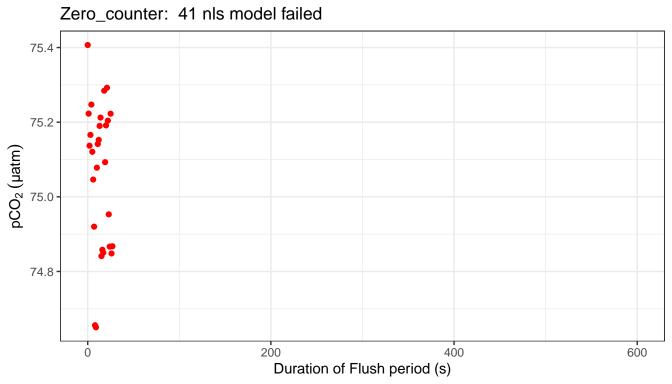


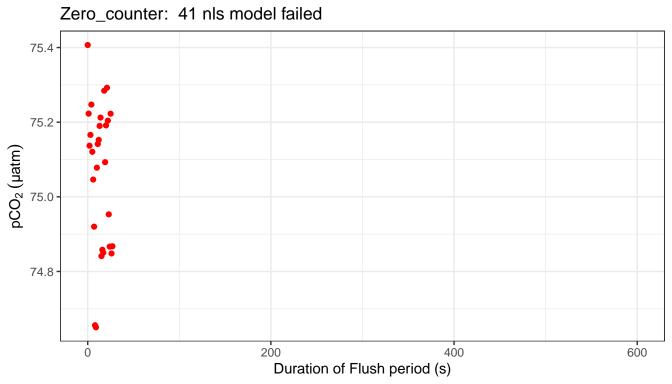


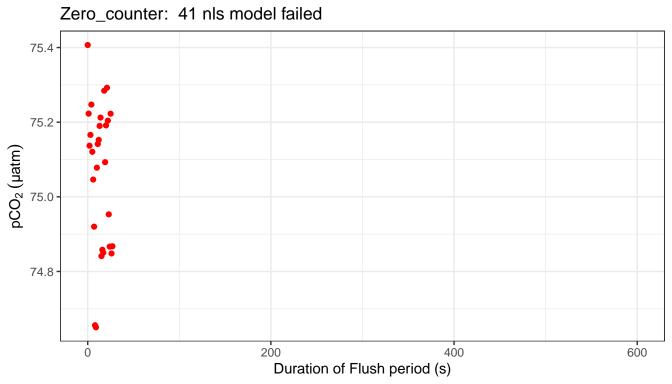


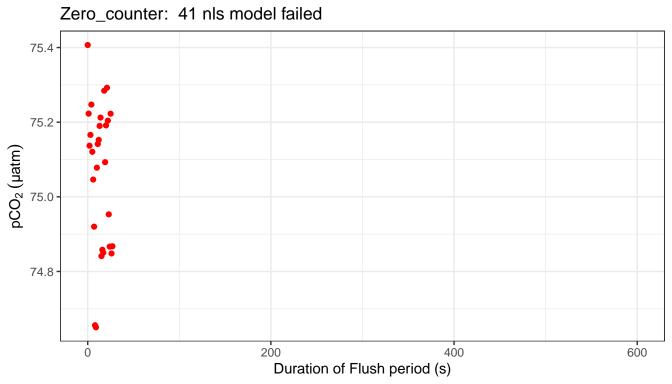


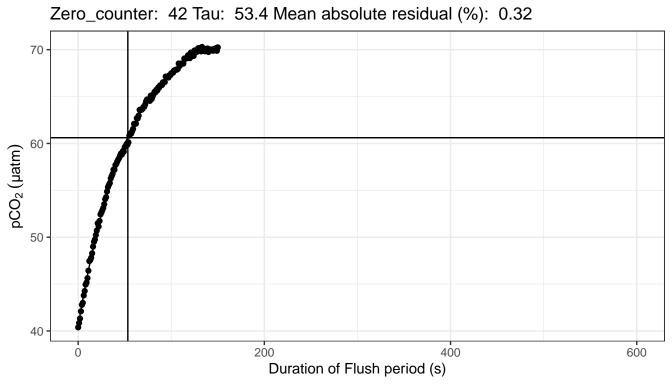


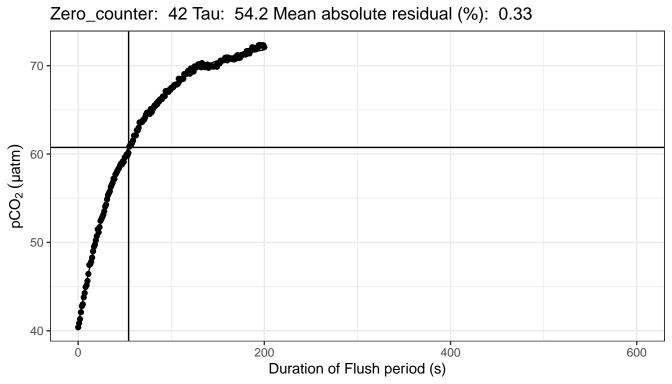


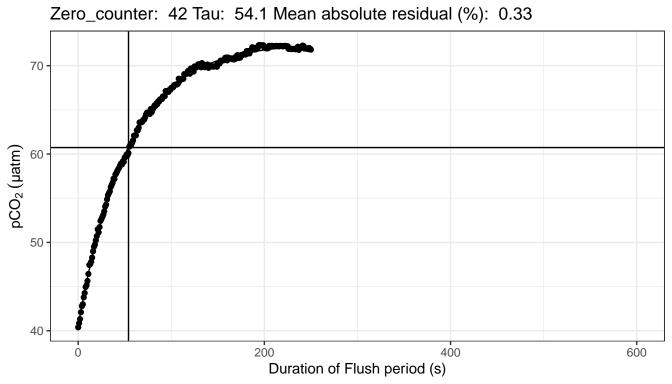


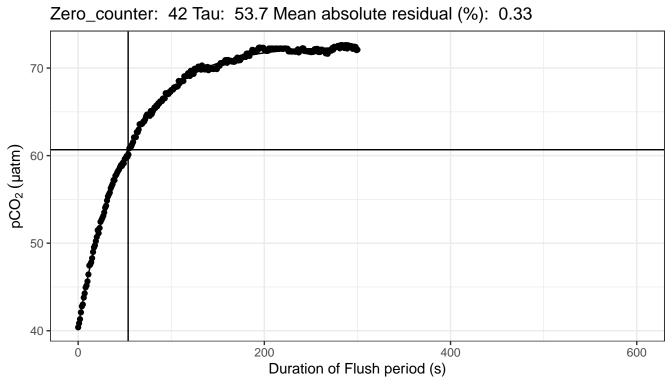


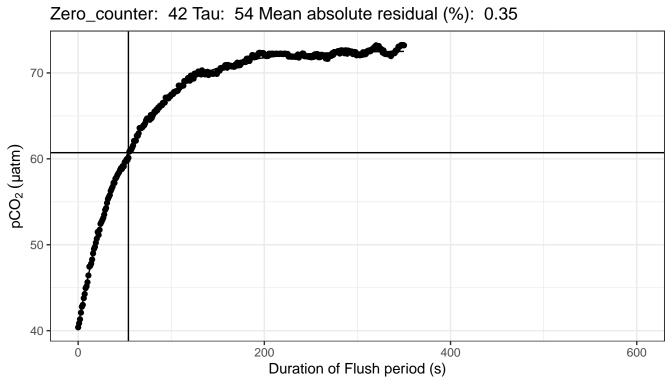


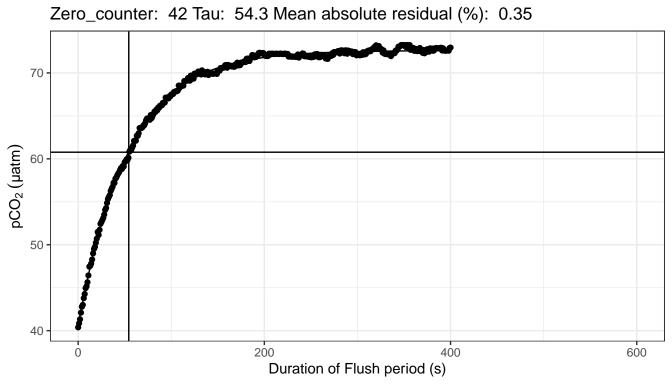


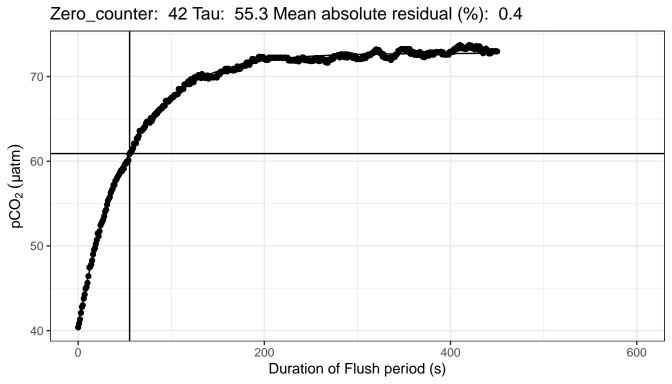


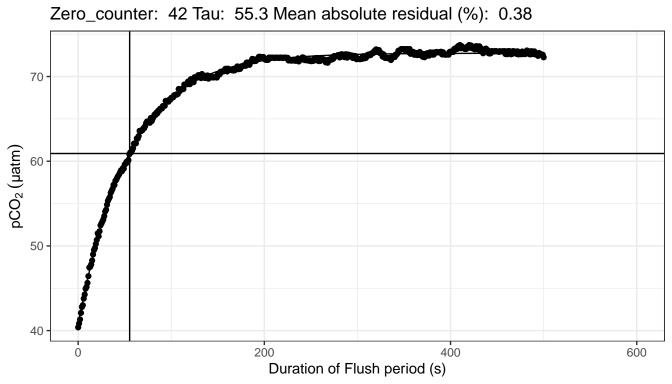


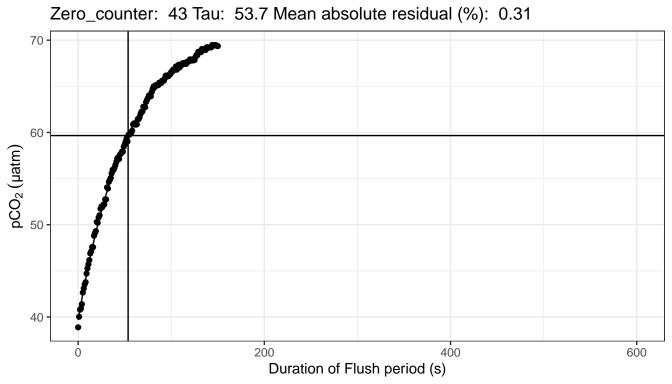


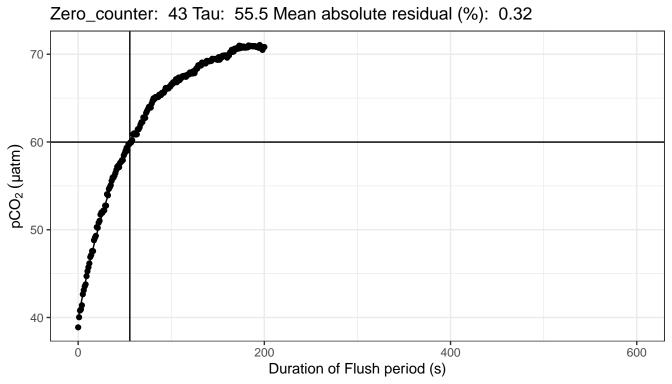


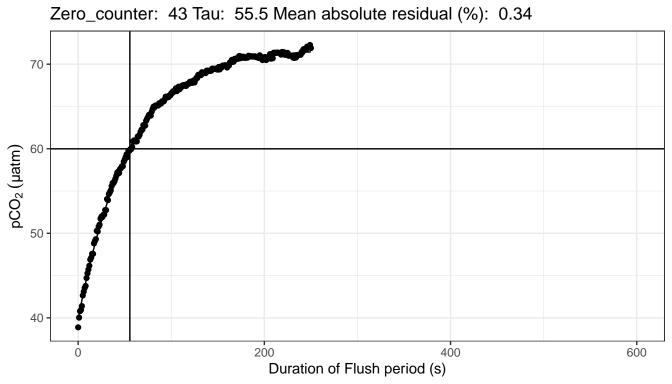


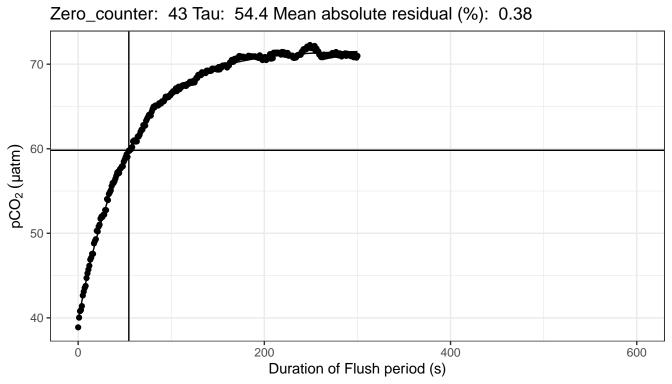


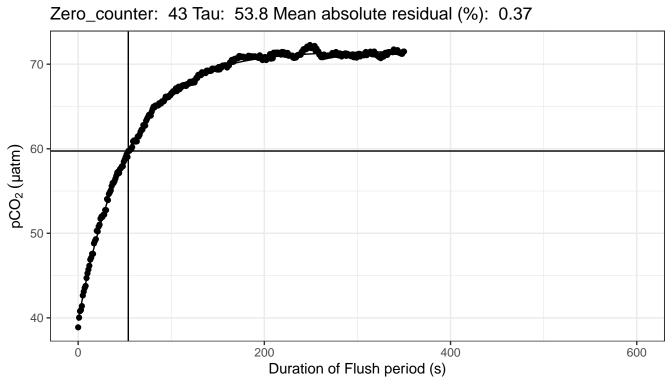


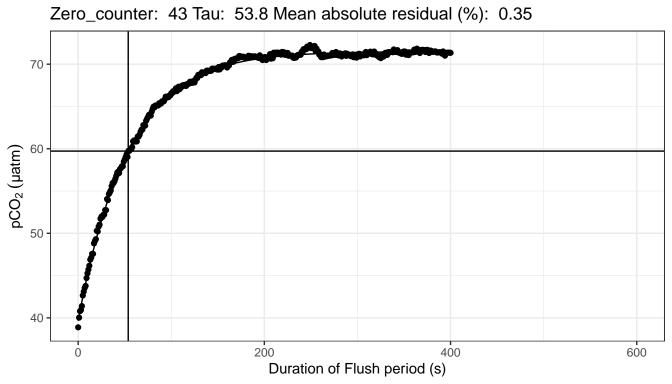


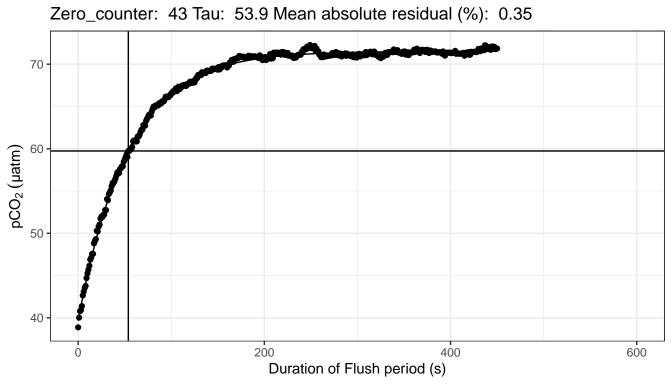


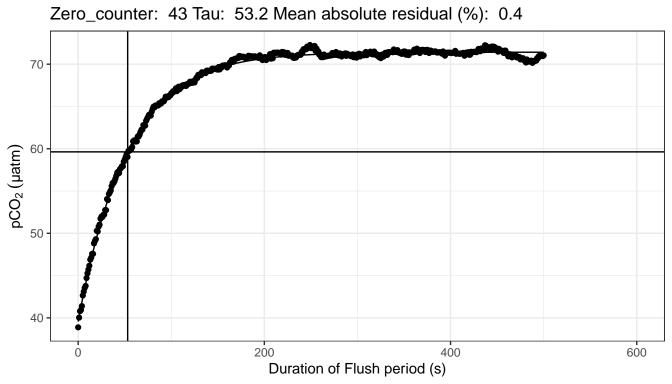


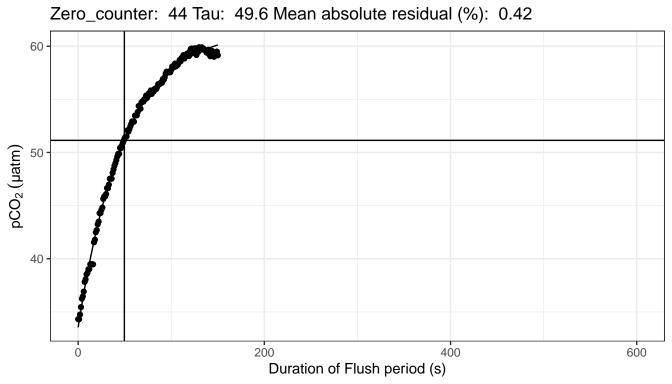


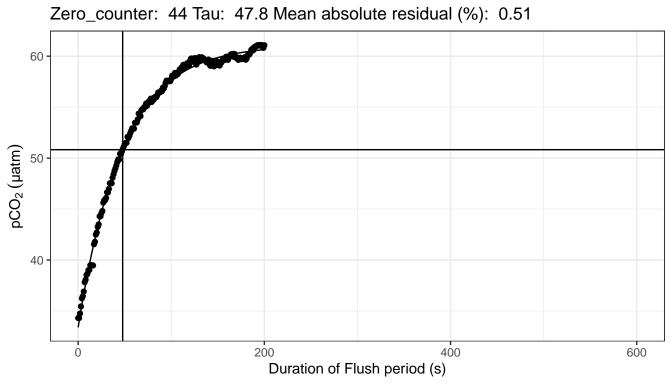


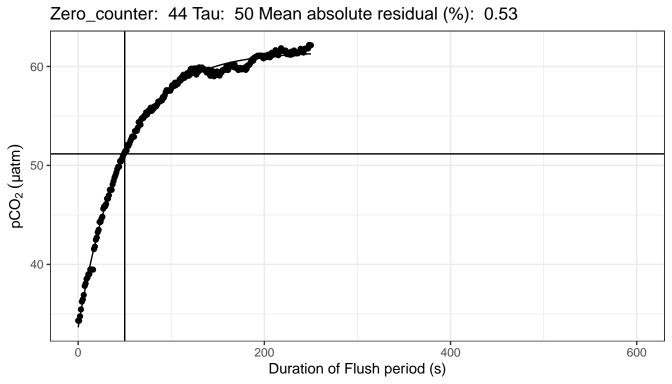


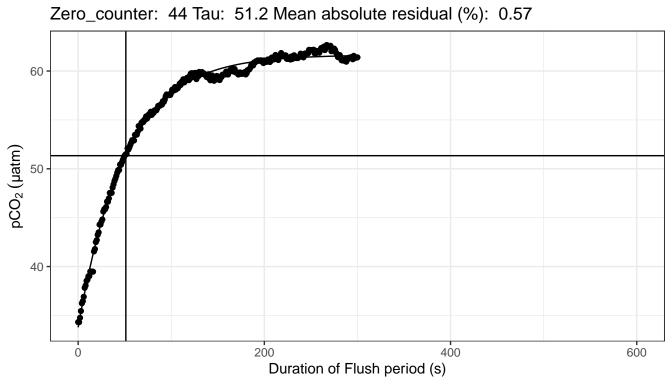


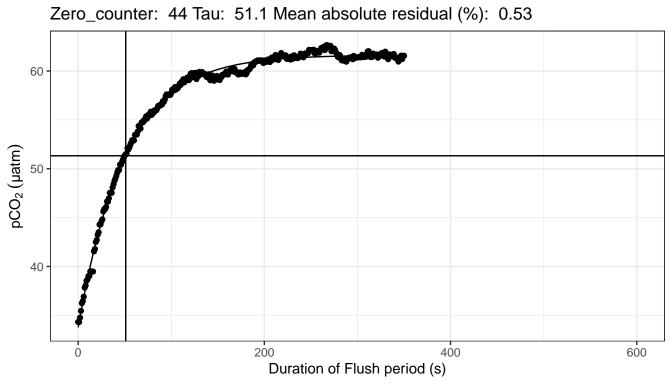


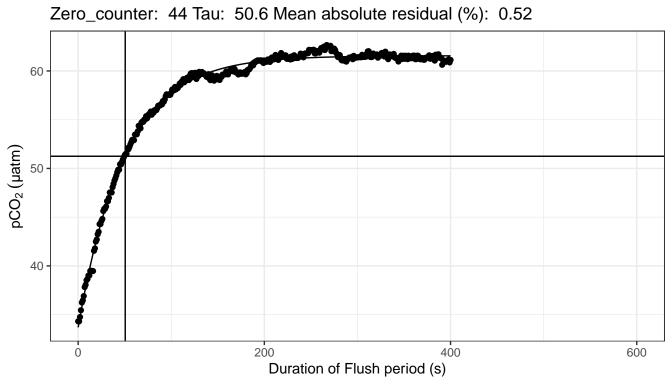


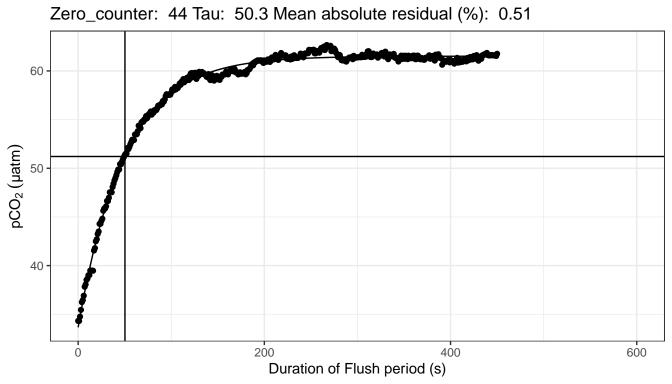


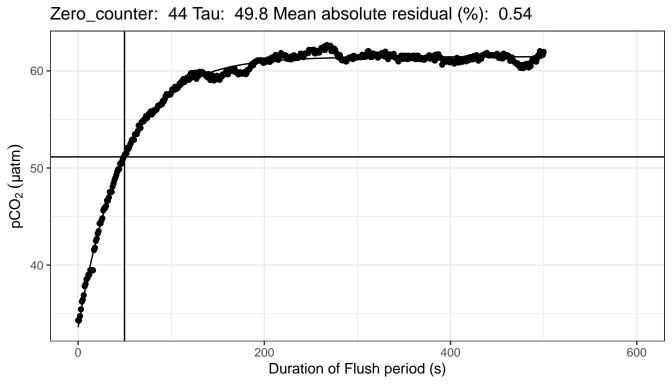


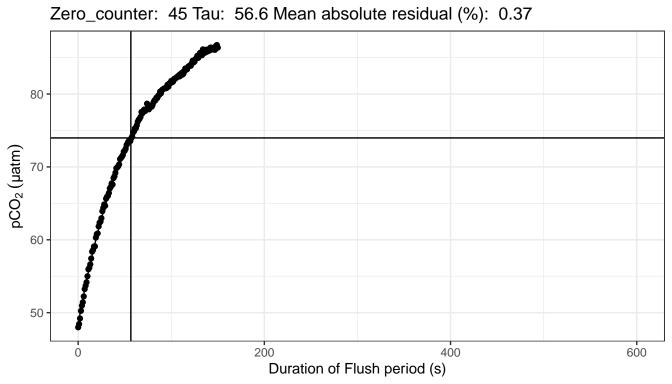


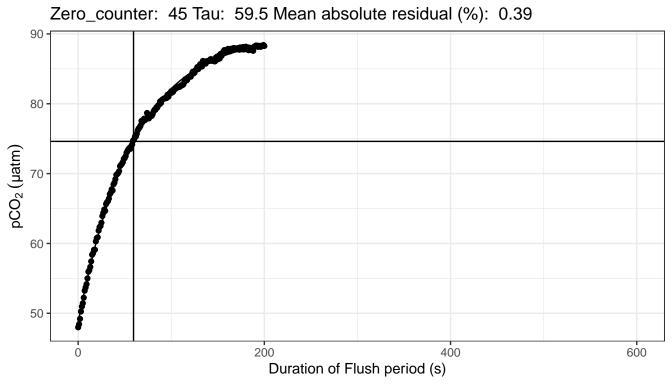


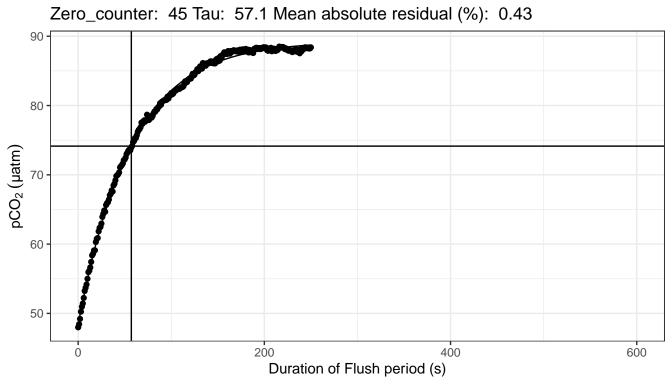


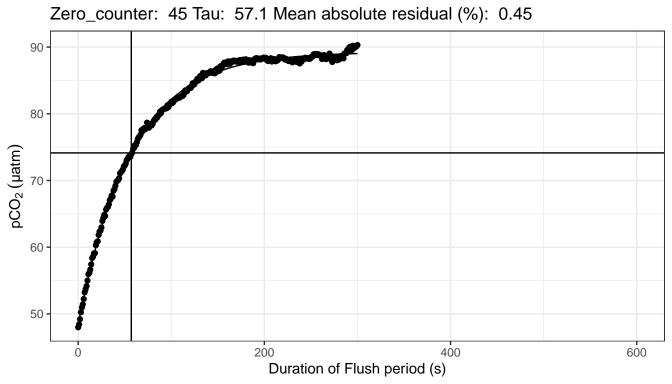


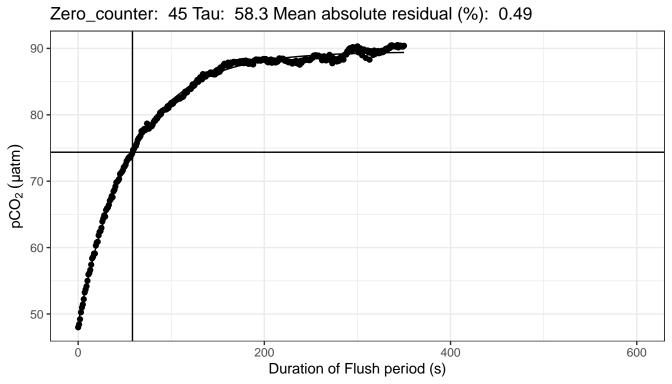


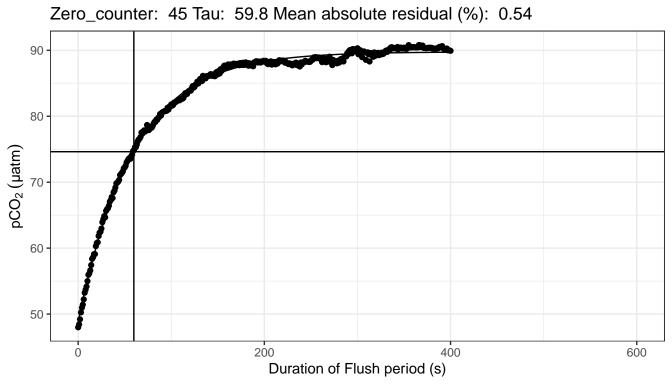


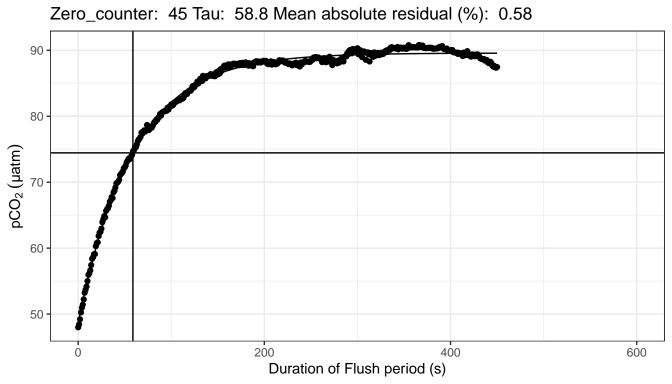


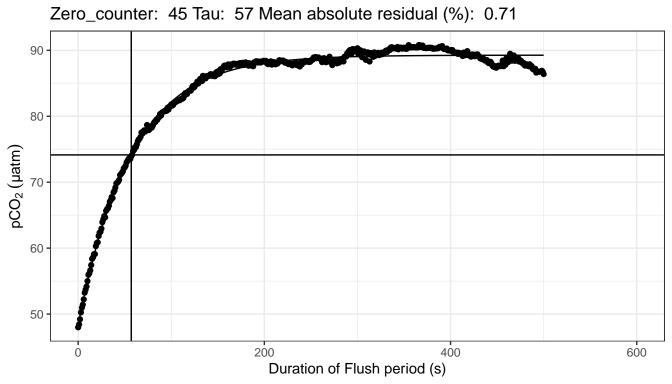


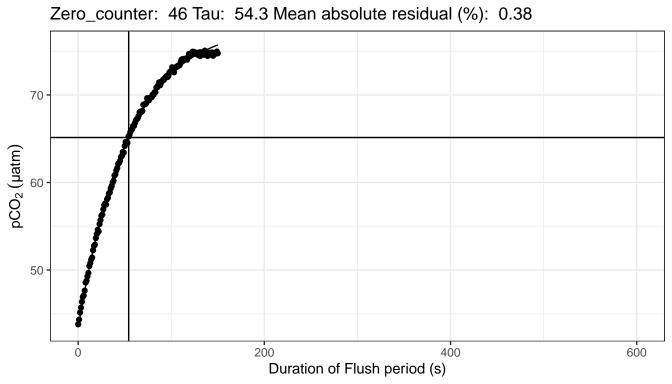


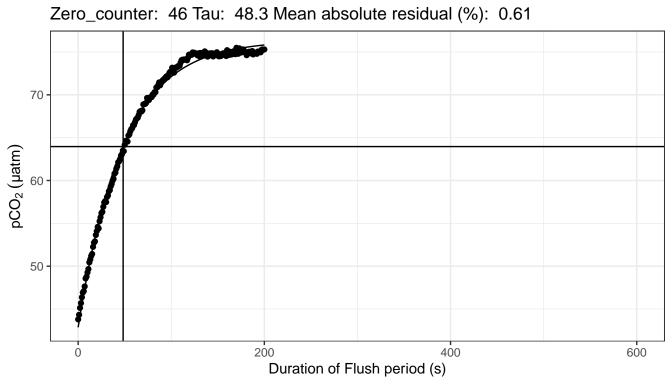


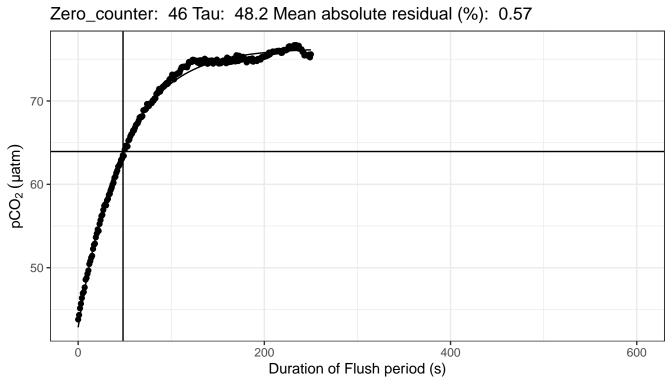


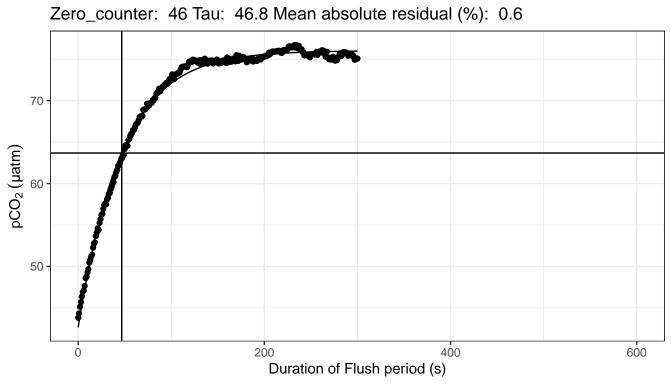


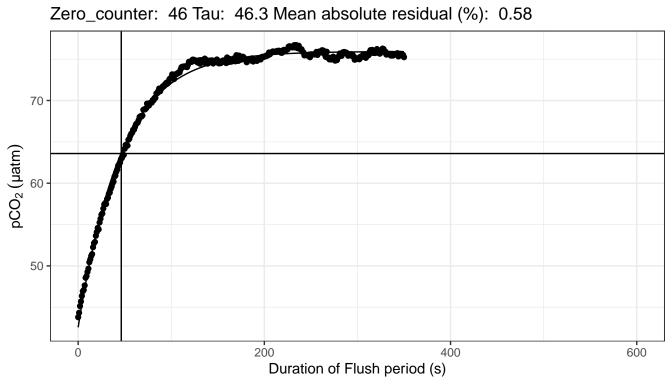


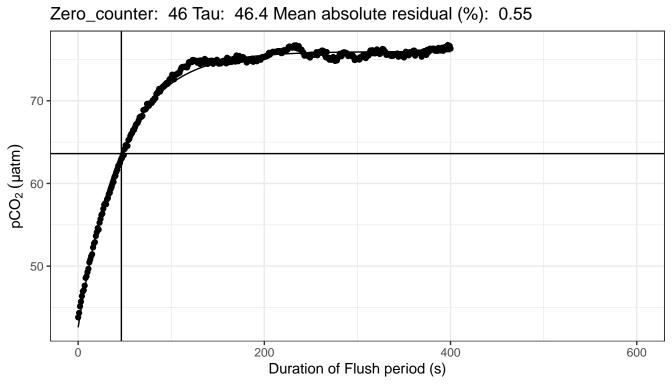


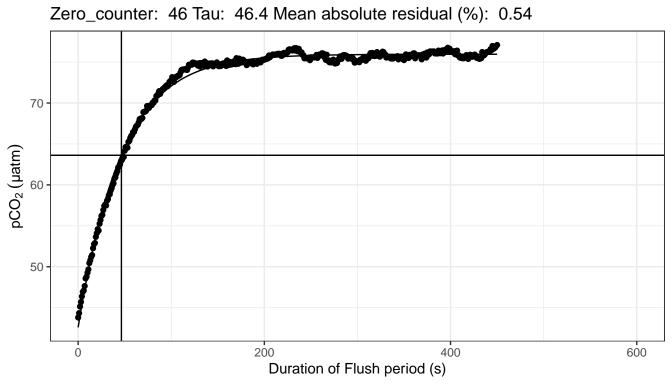


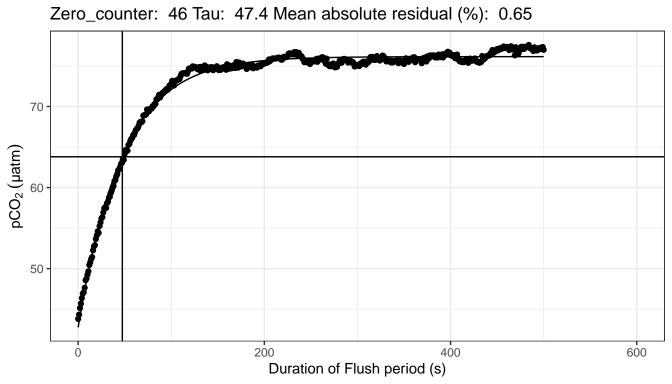


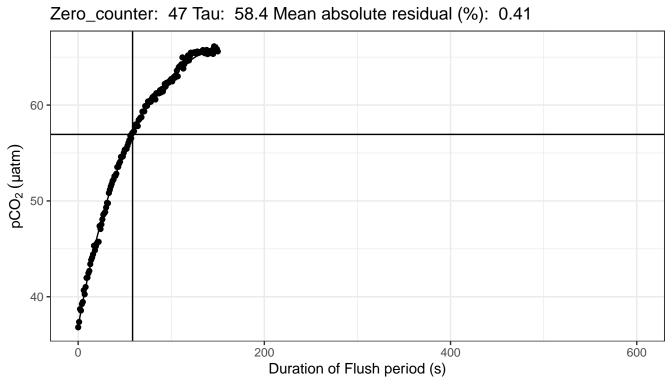


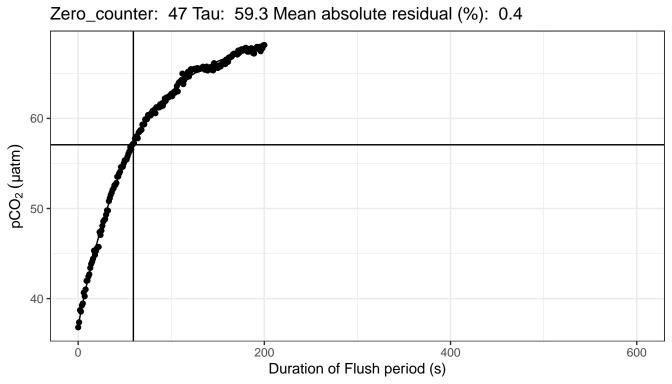


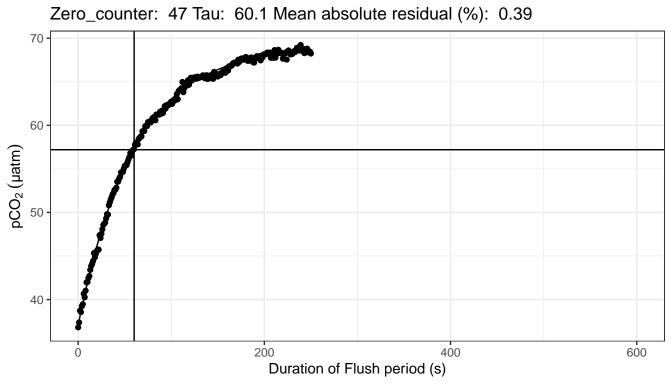


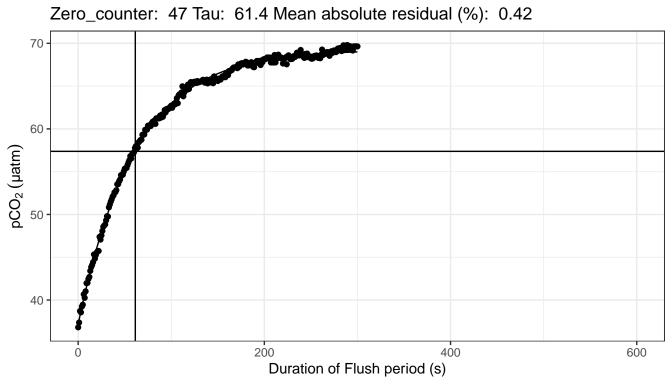


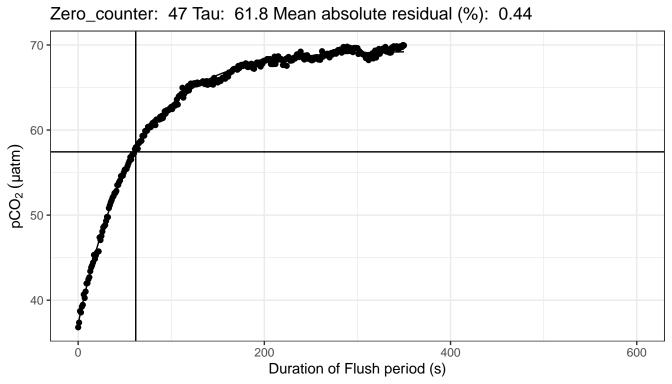


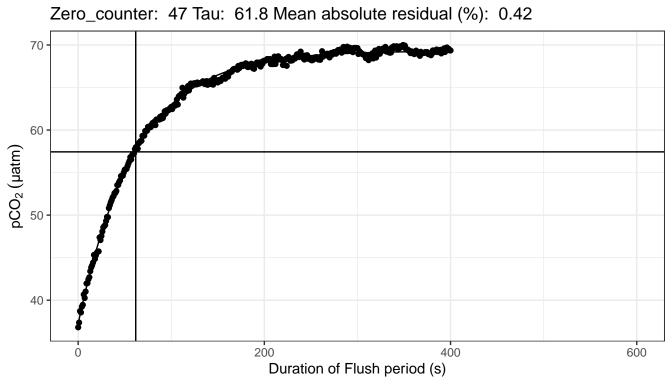


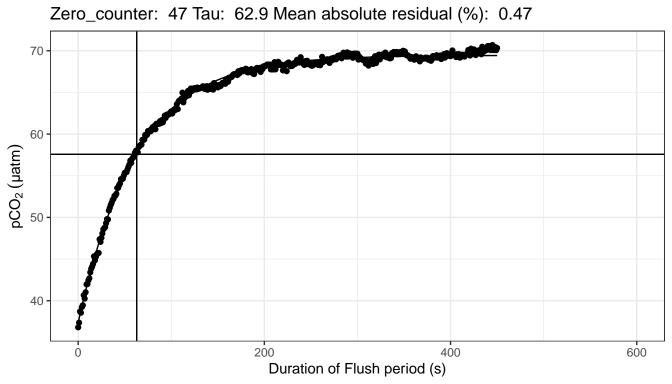


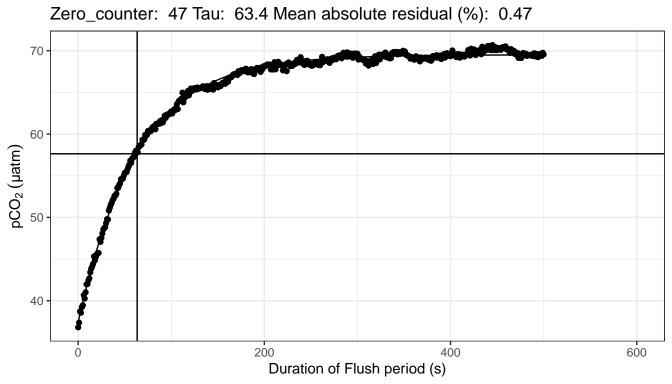


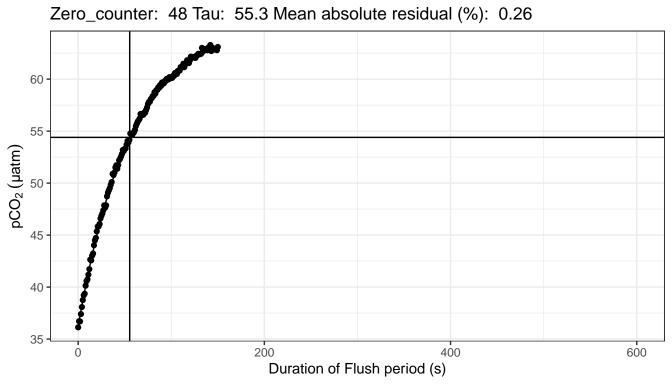


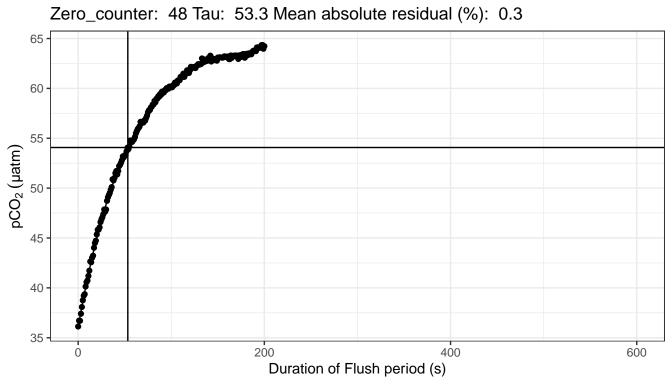


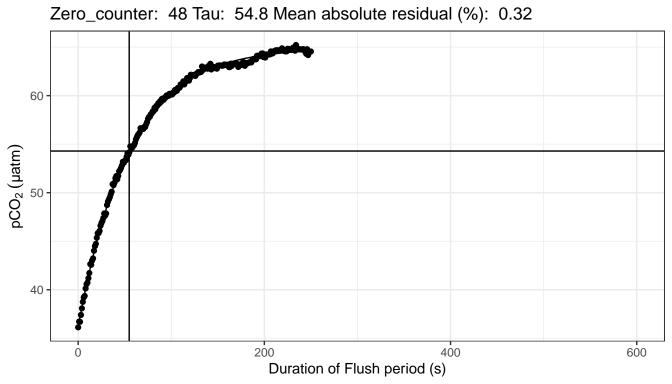


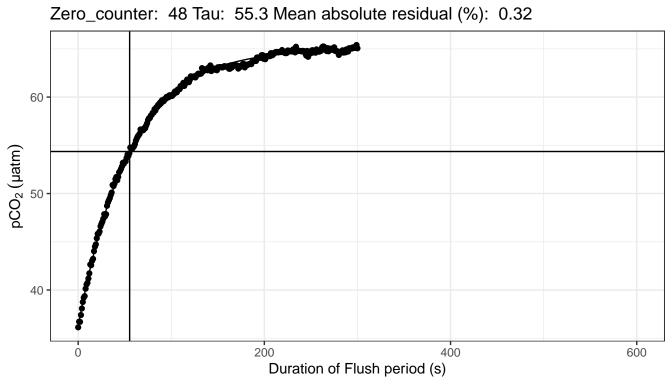


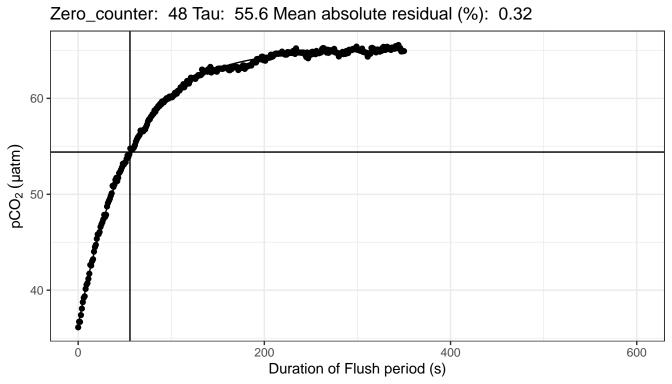


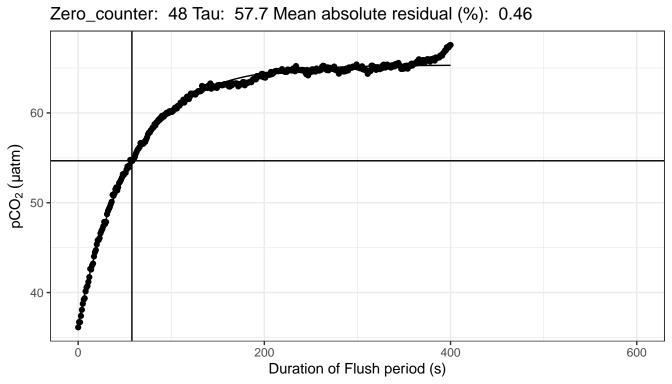


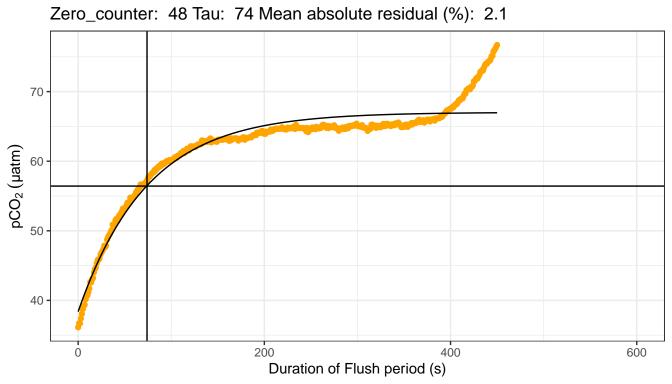


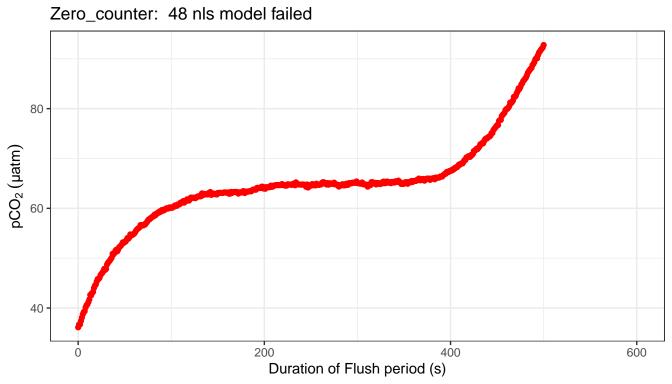


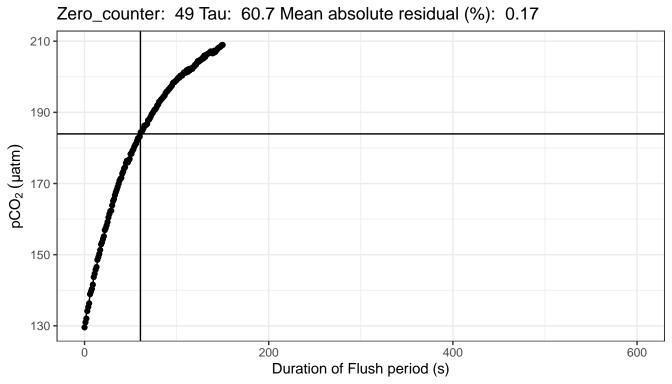


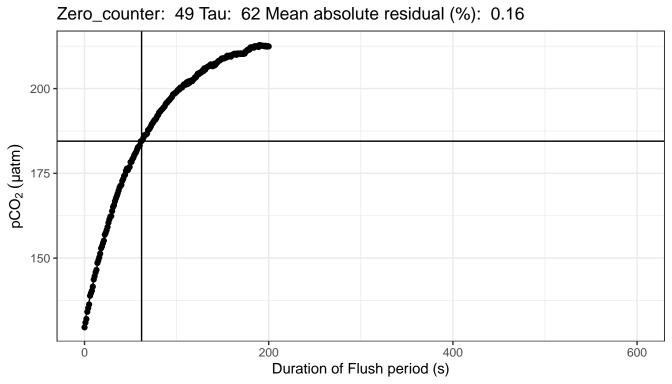


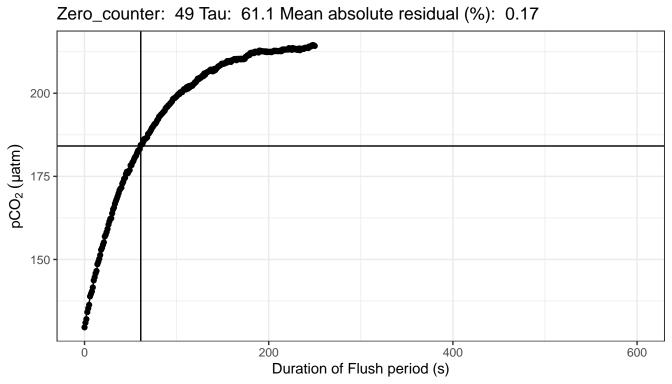


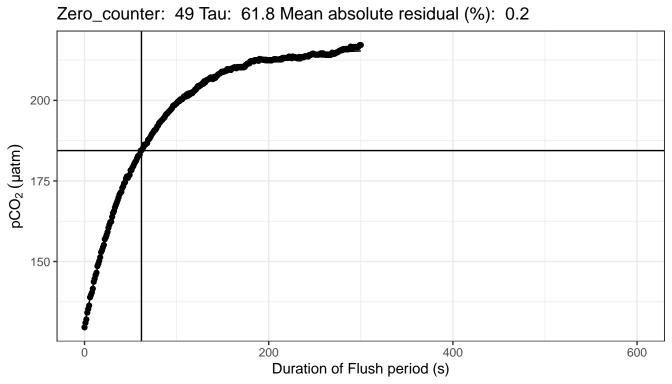


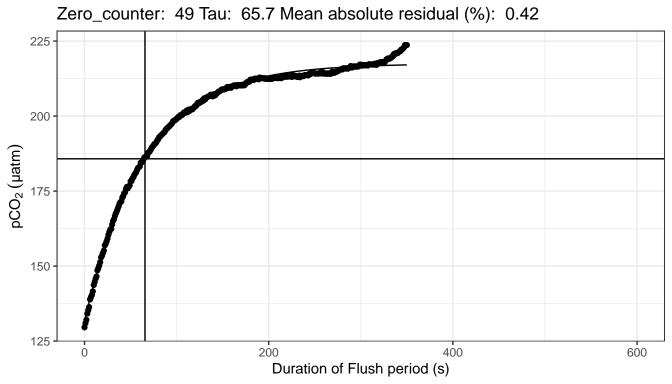


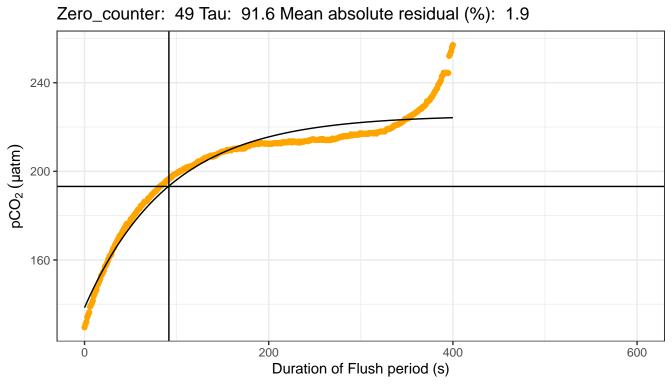


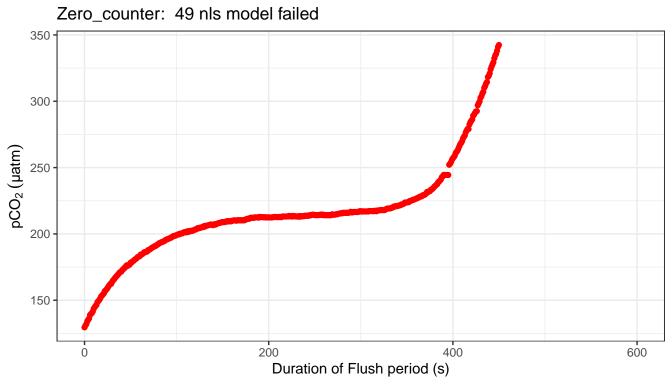


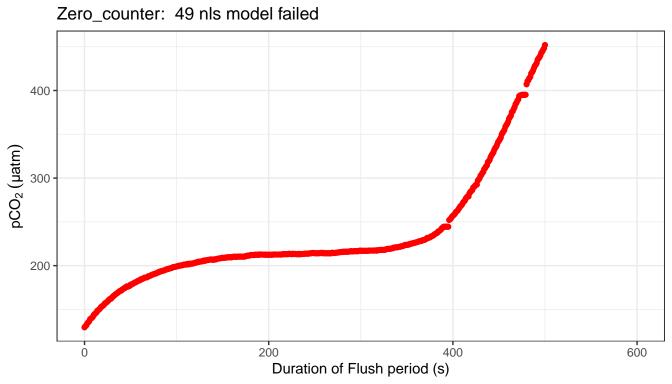


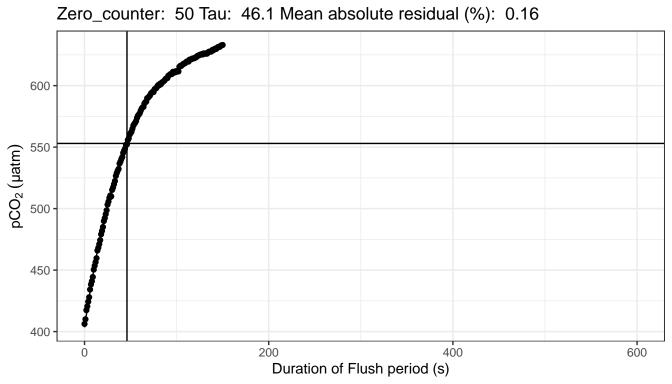


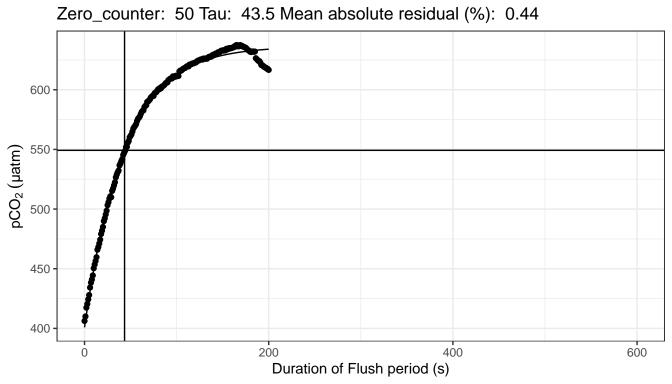


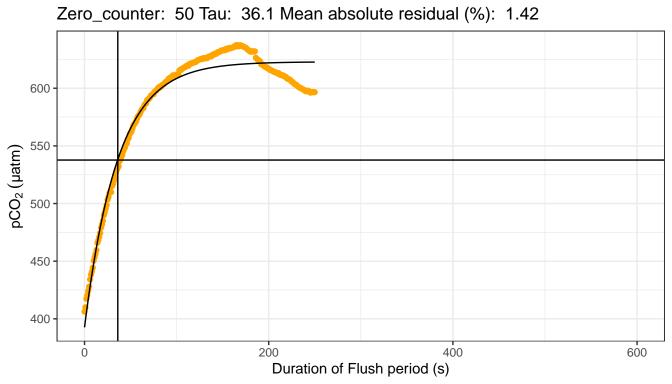


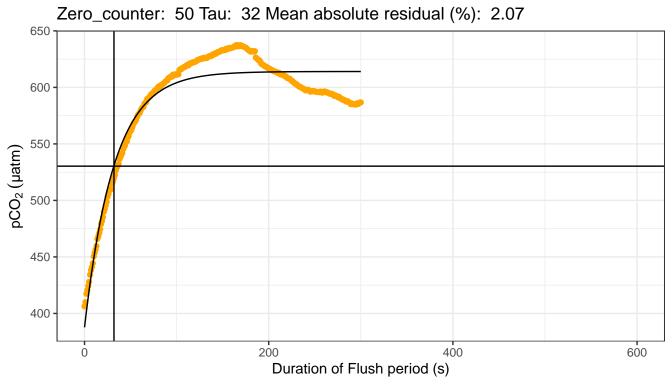


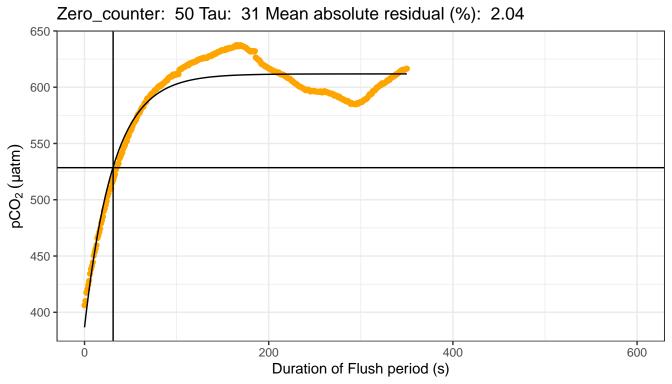


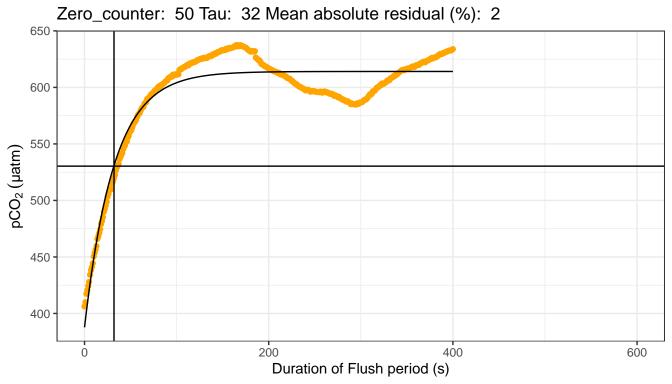


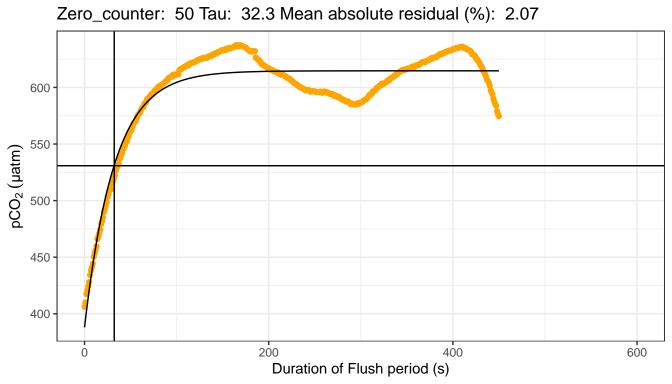


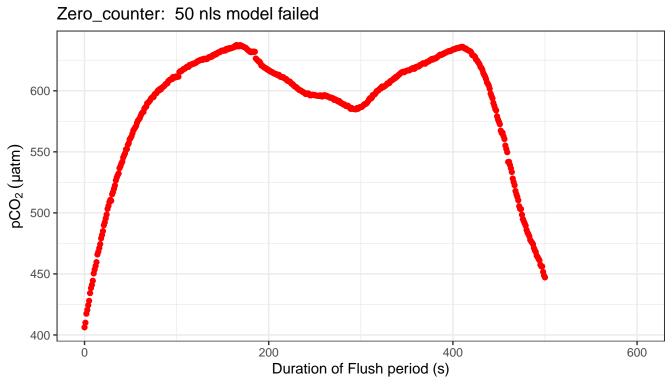


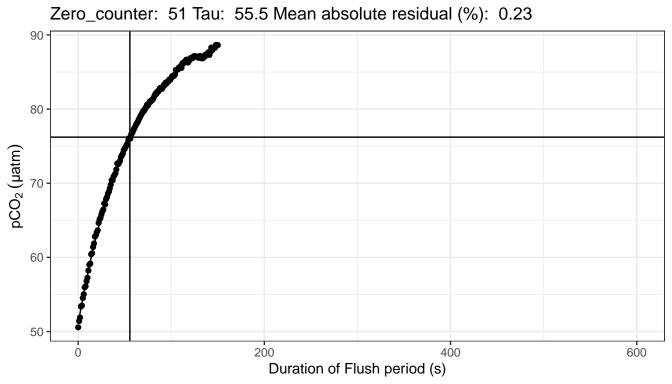


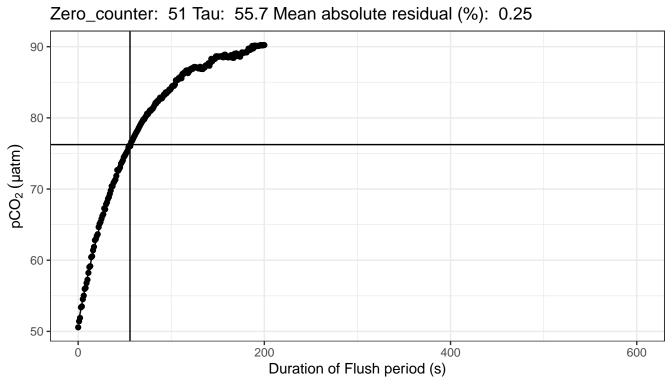


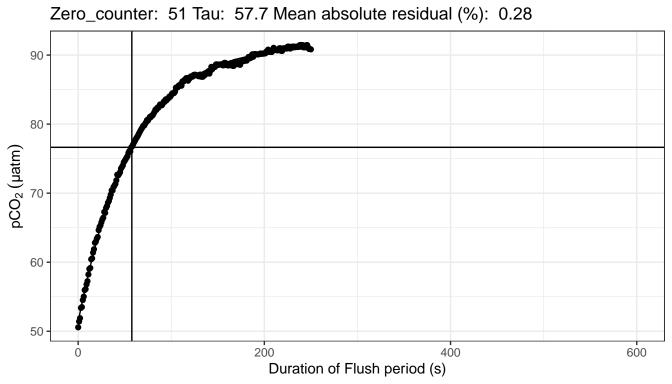


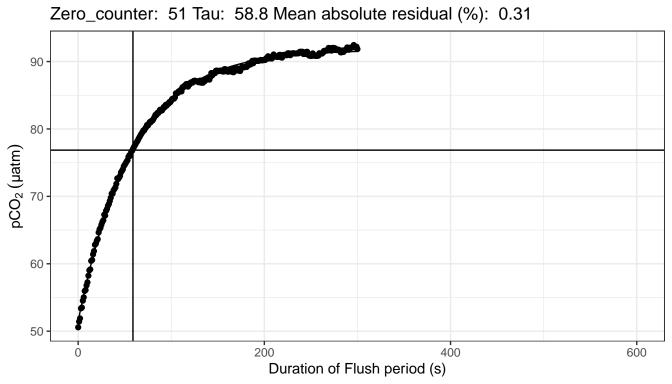


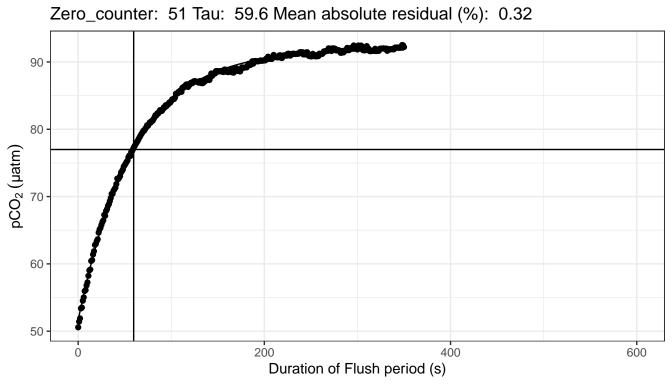


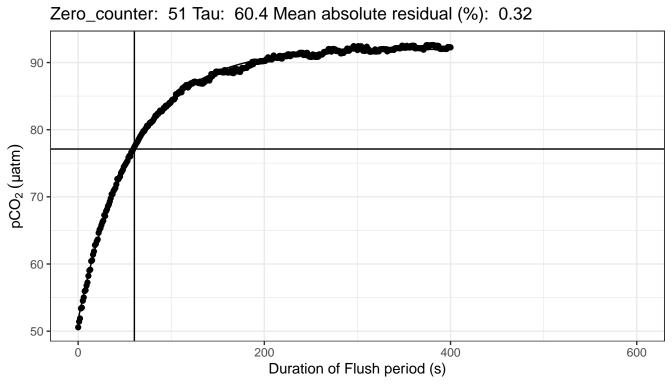


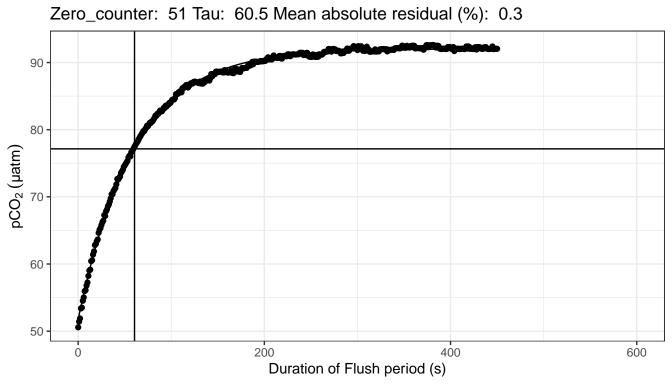


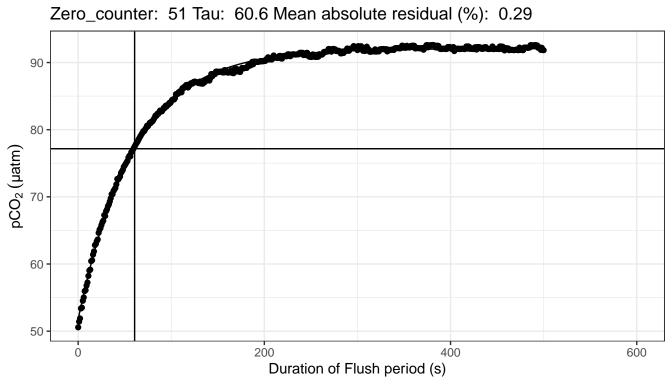




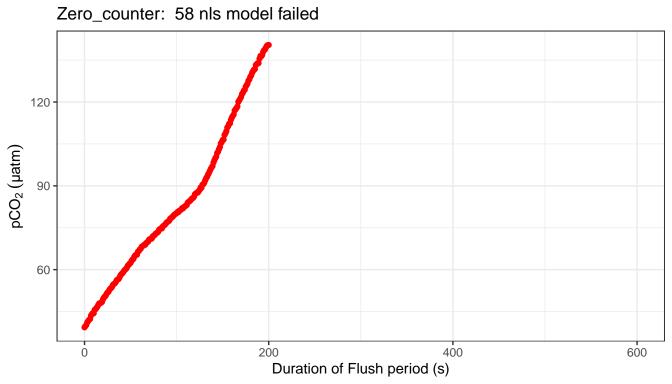


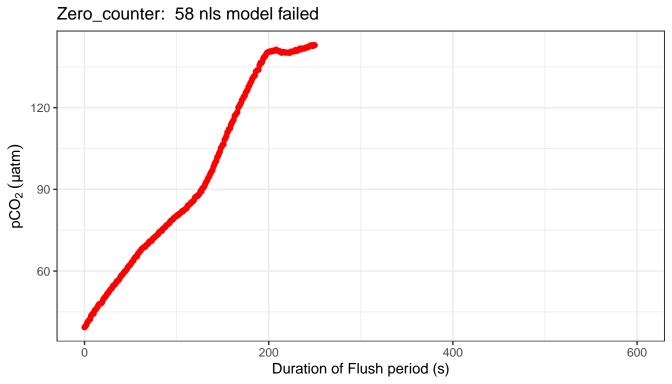




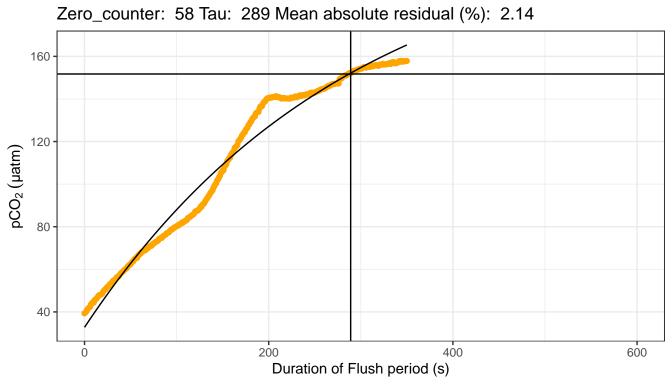


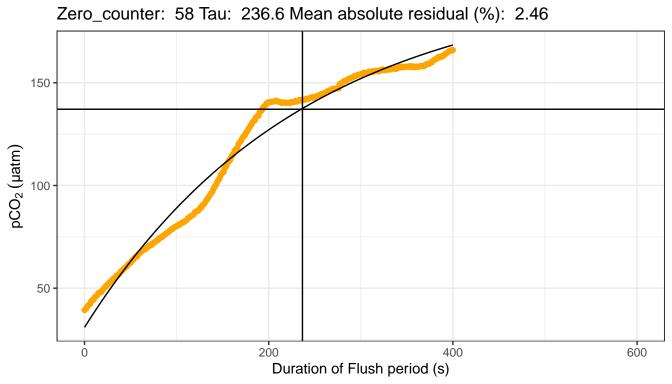
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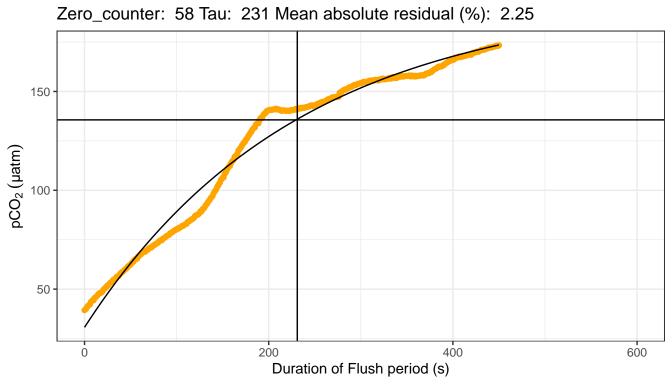


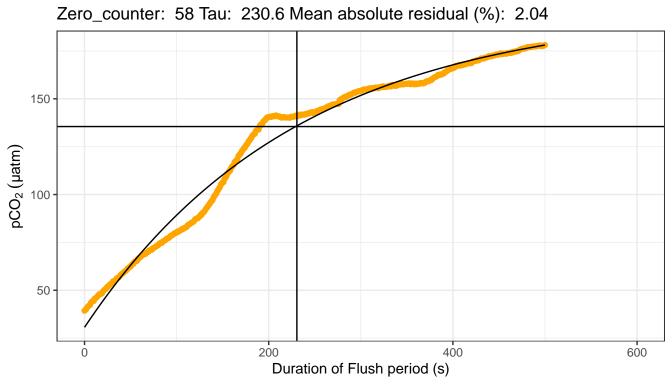


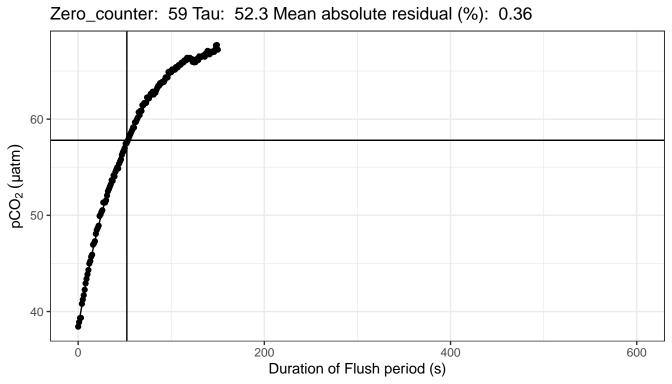
Zero_counter: 58 Tau: 454.2 Mean absolute residual (%): 1.62 200 150 pCO₂ (µatm) 50 -200 400 600 Duration of Flush period (s)

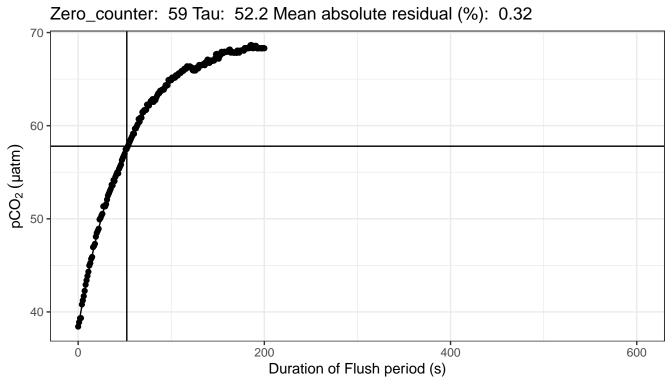


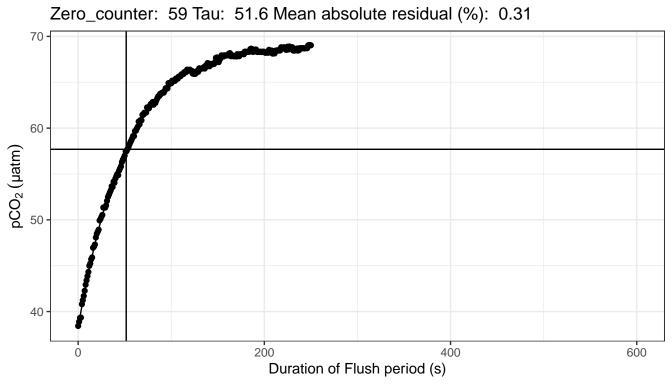


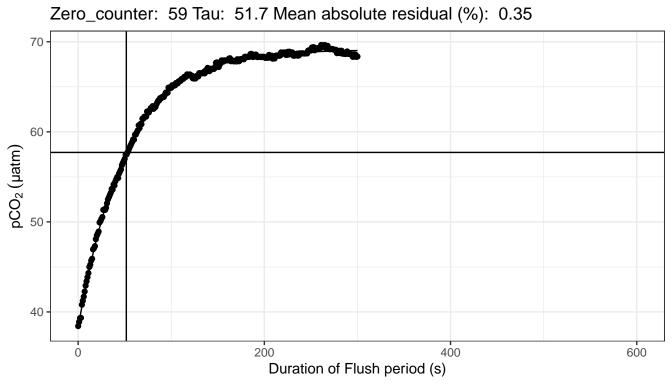


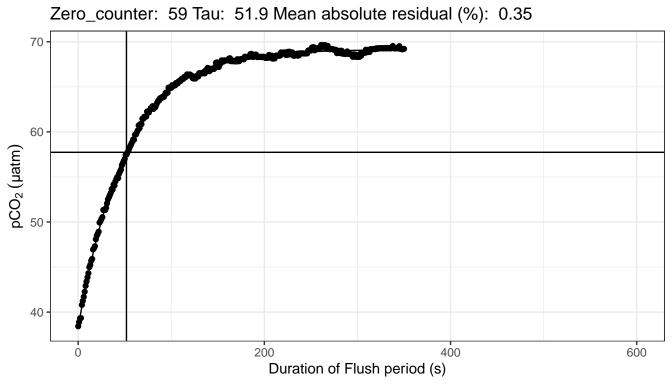


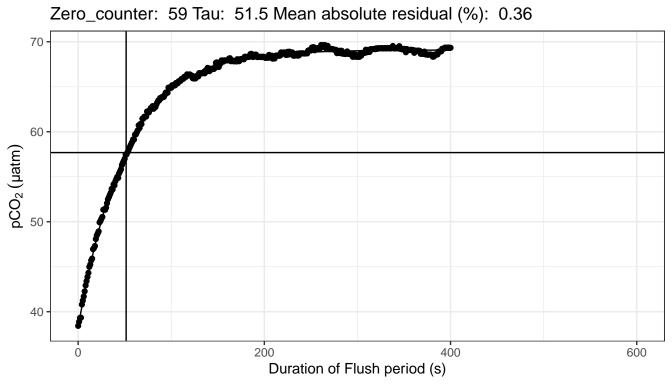


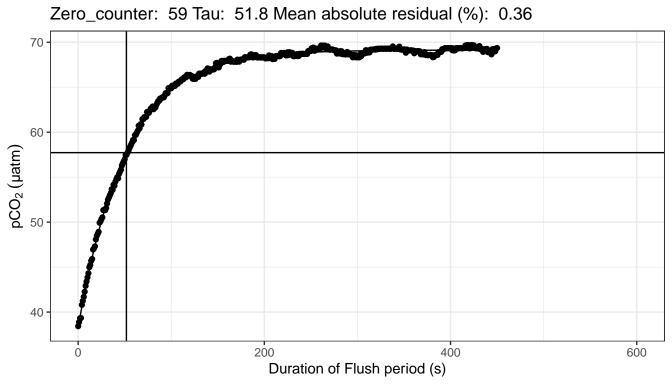


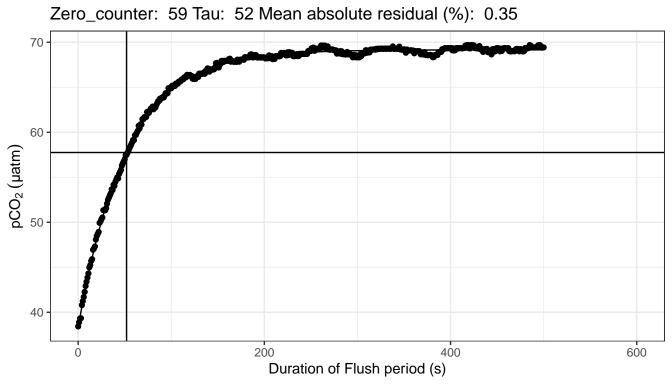


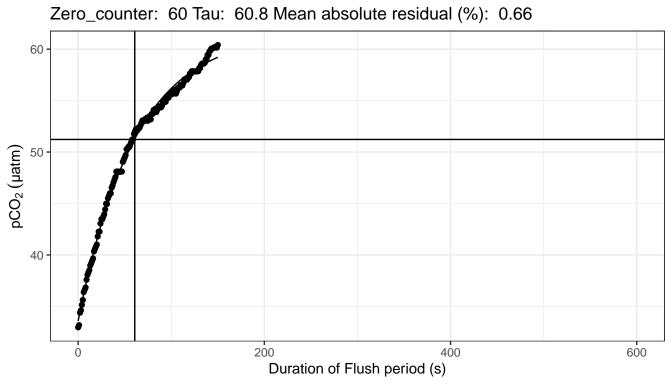


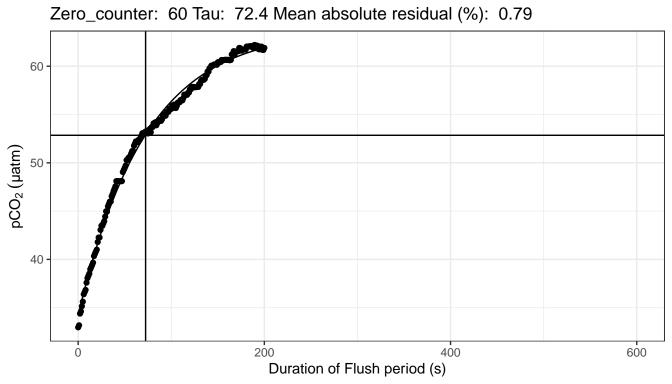


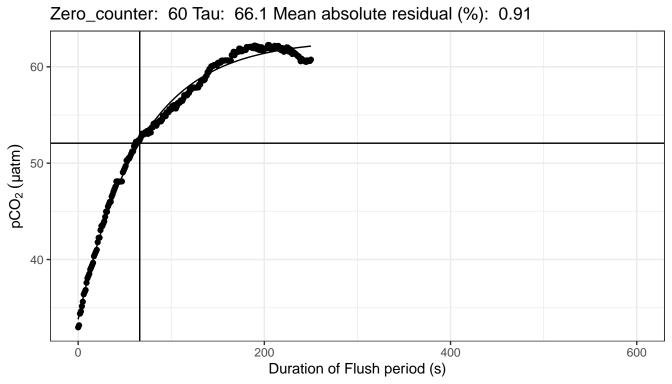


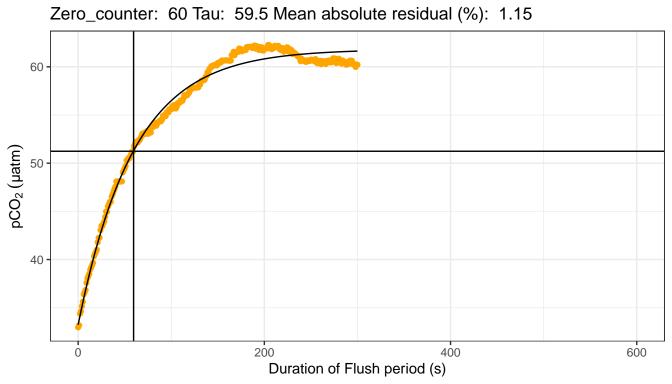


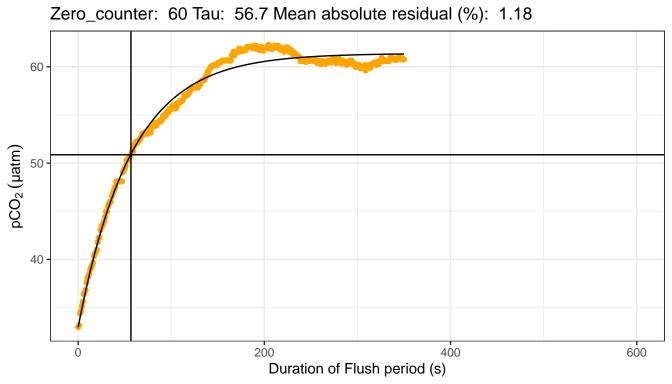


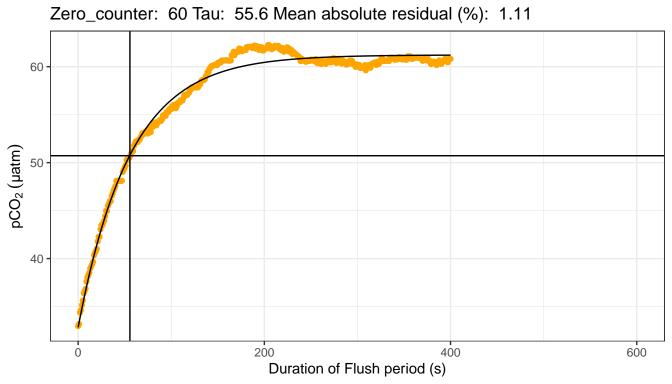


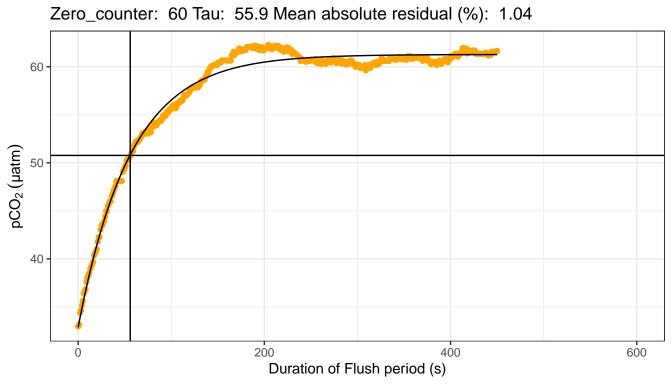


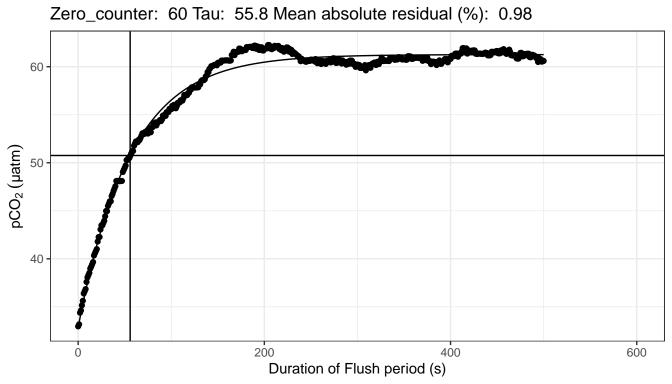


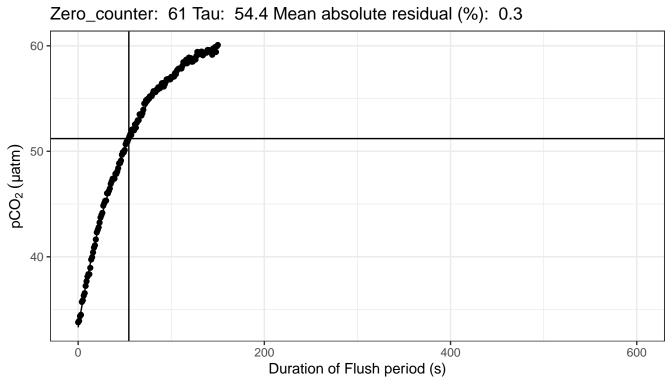


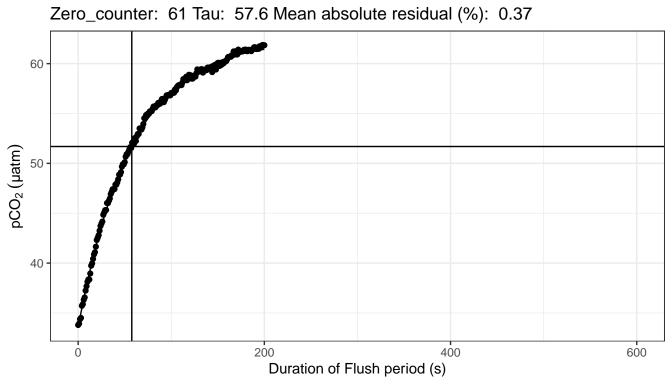


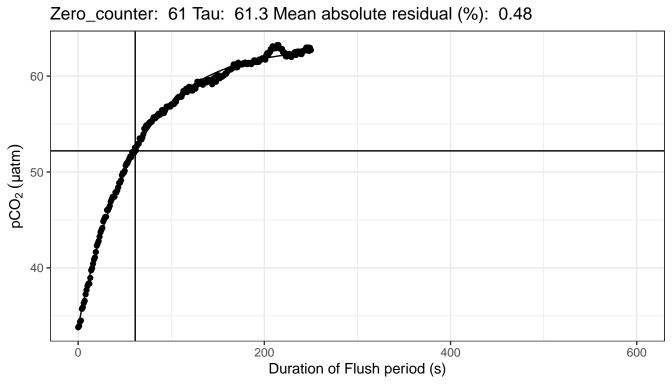


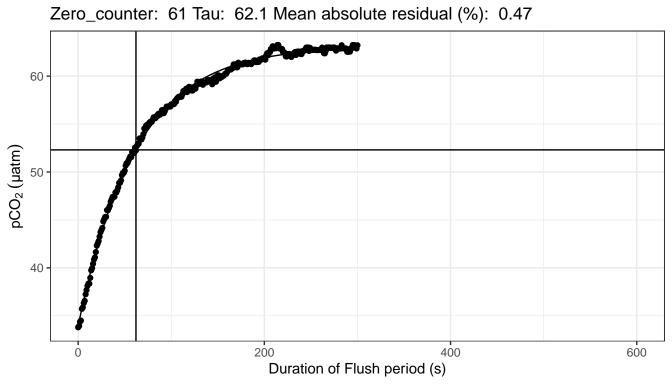


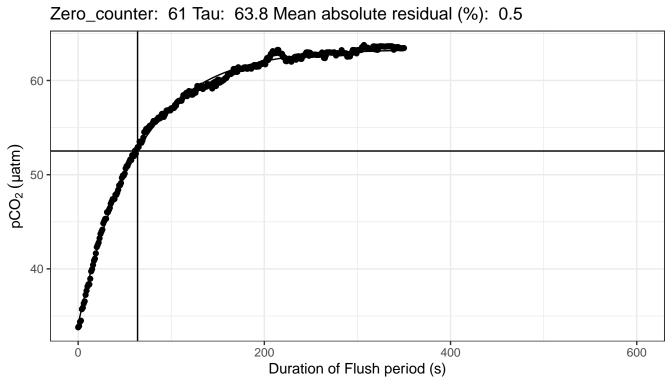


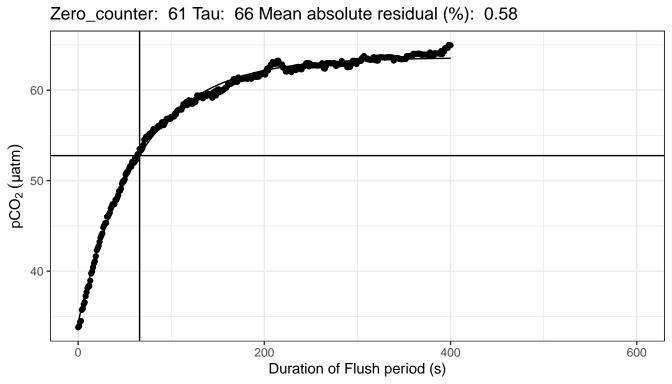


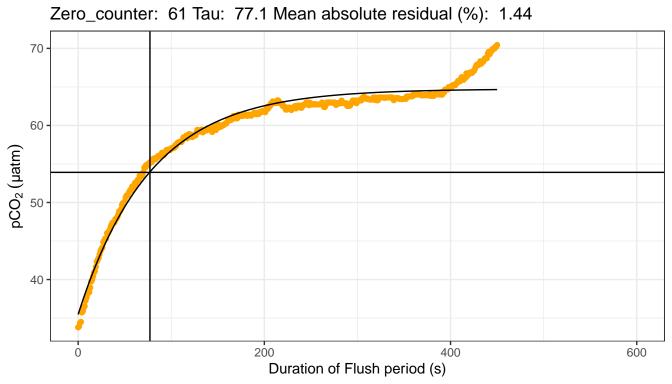


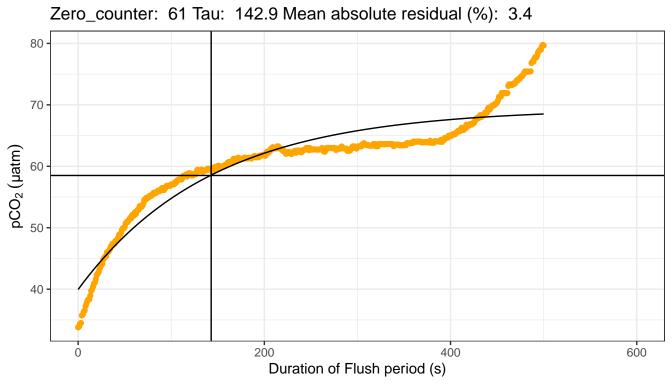


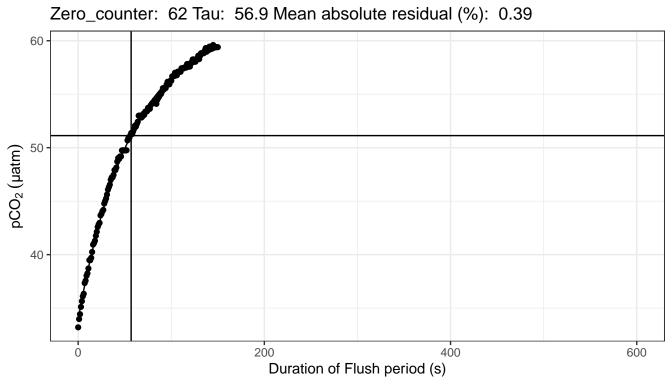


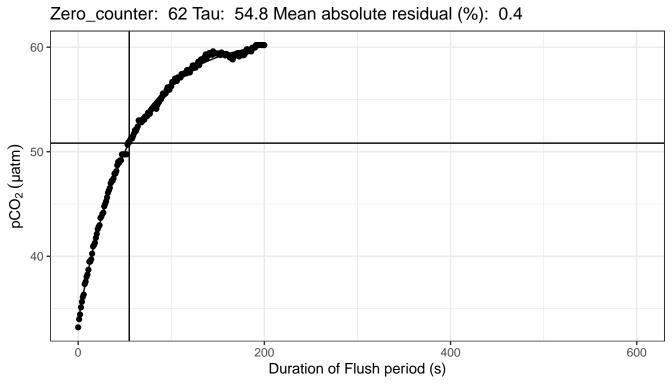


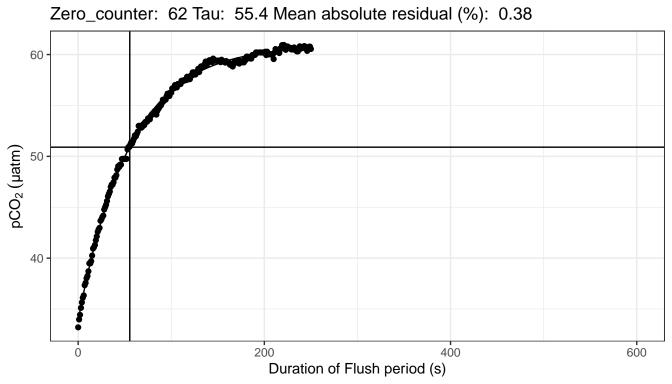


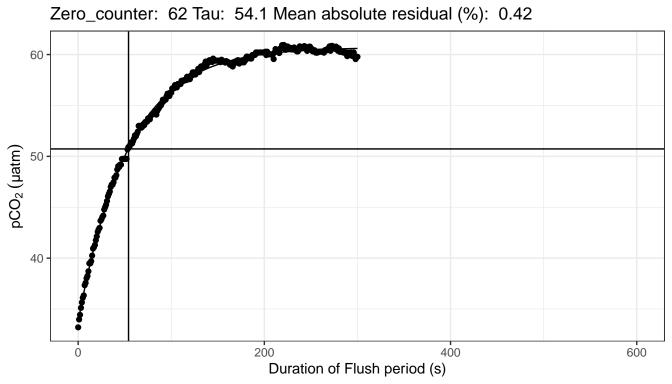


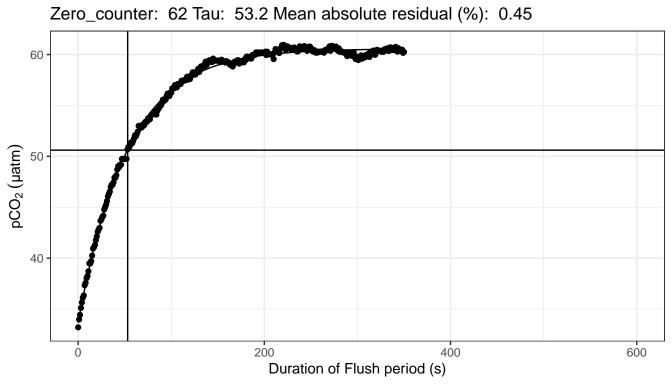


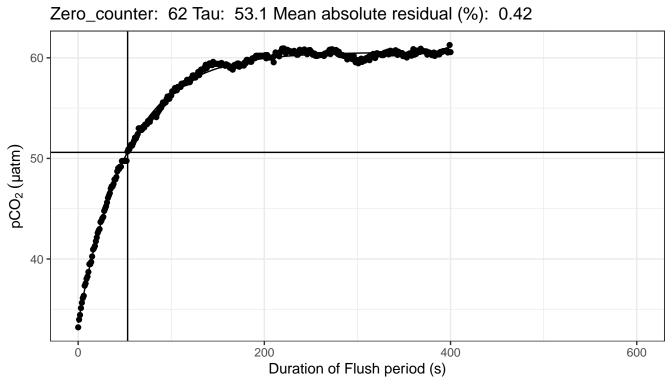


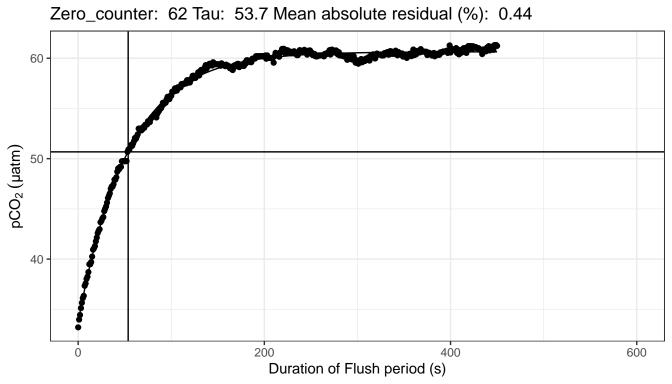


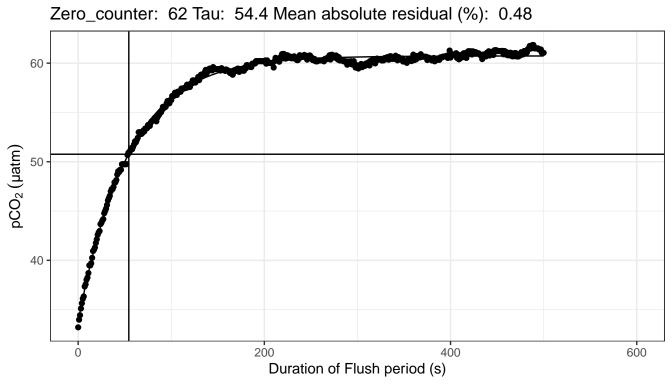


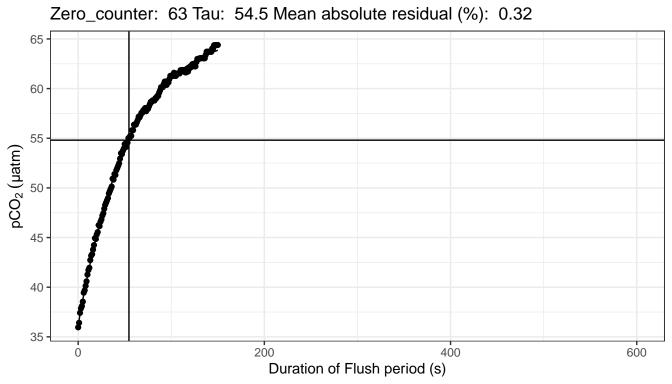


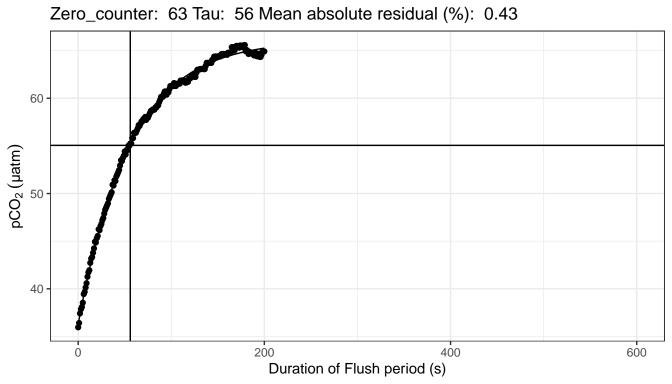


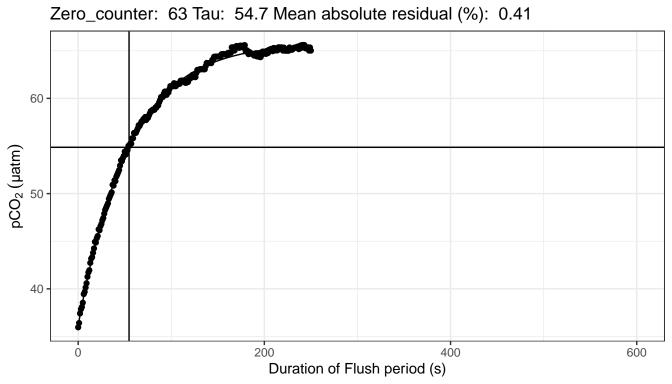


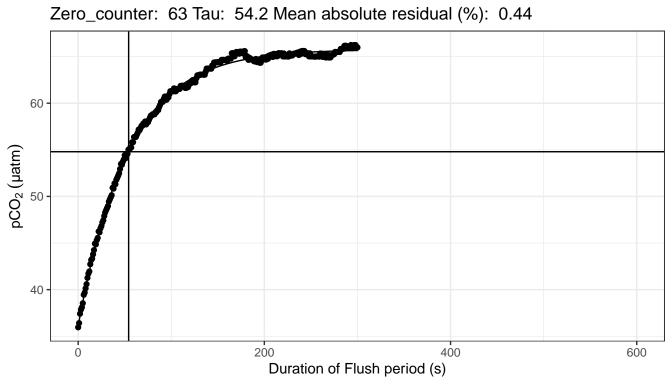


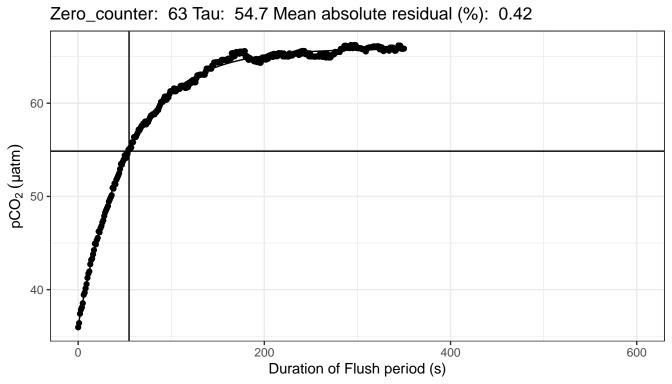


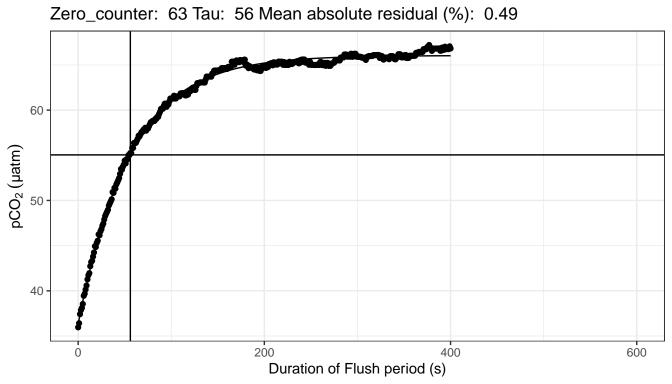


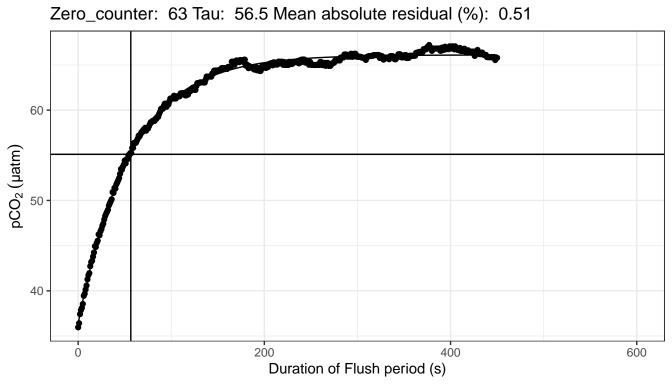


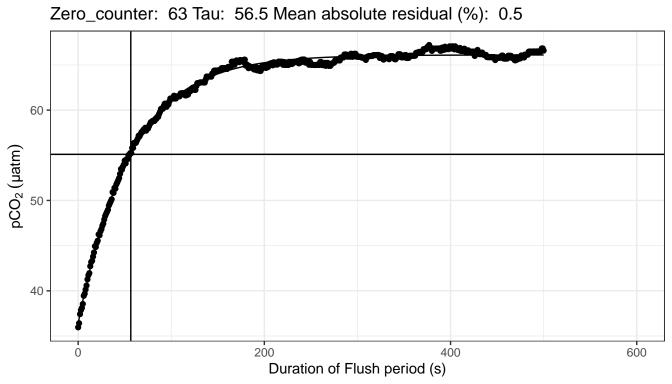


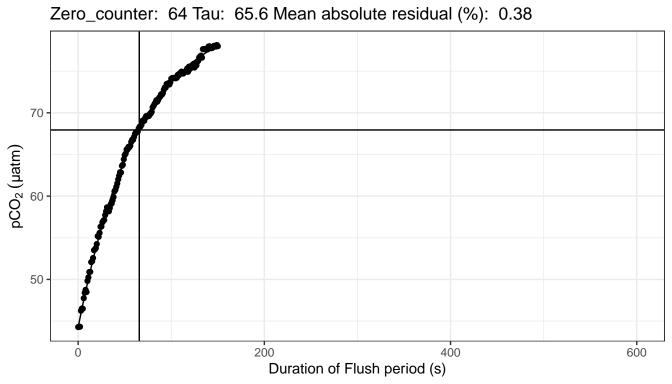


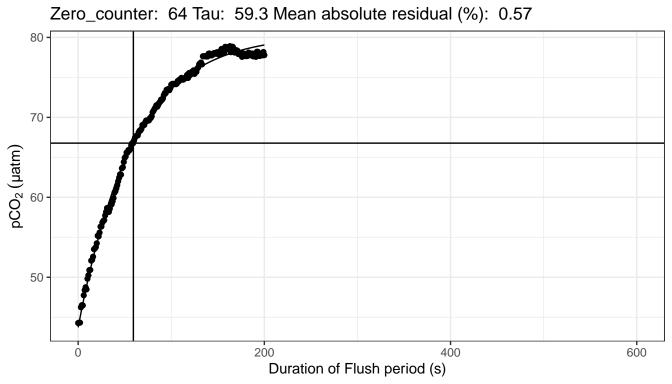


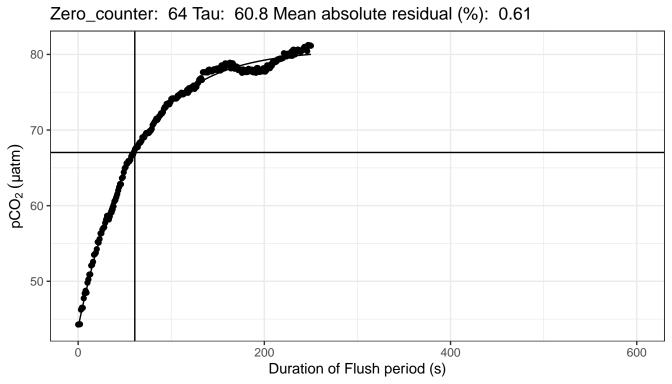


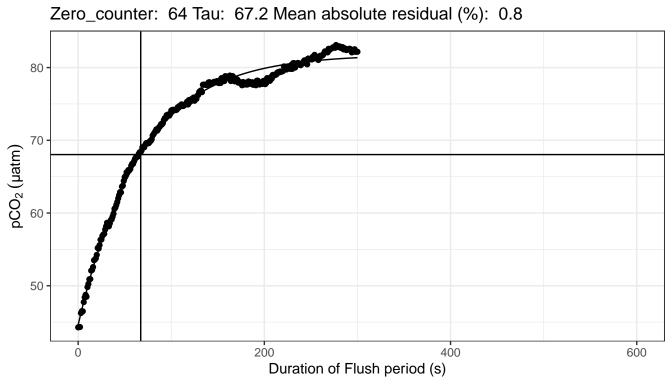


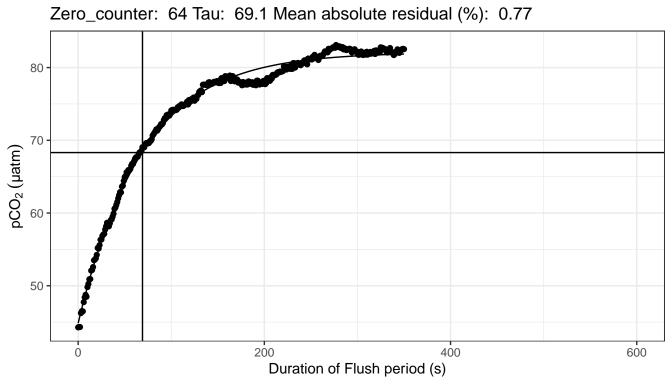


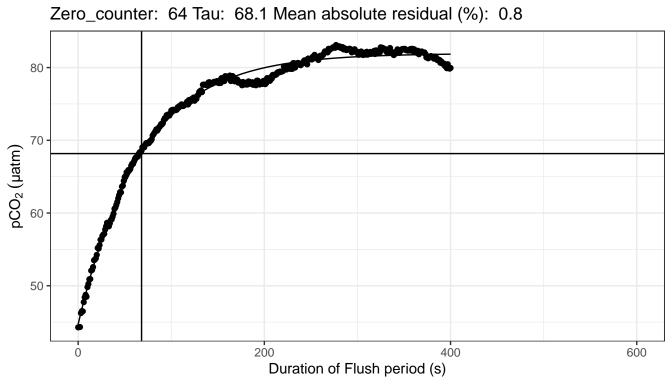


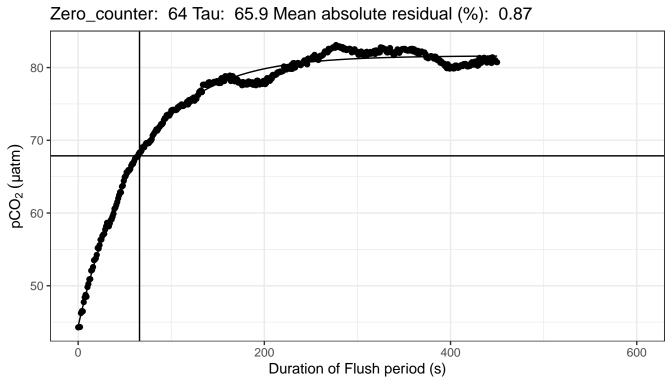


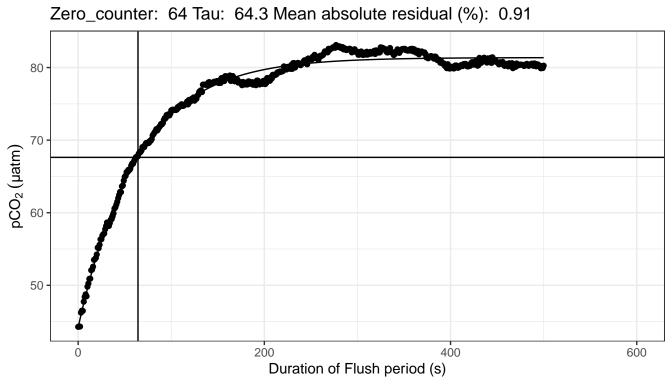


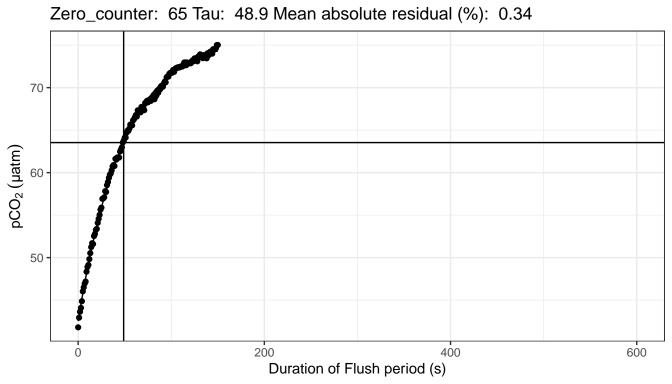


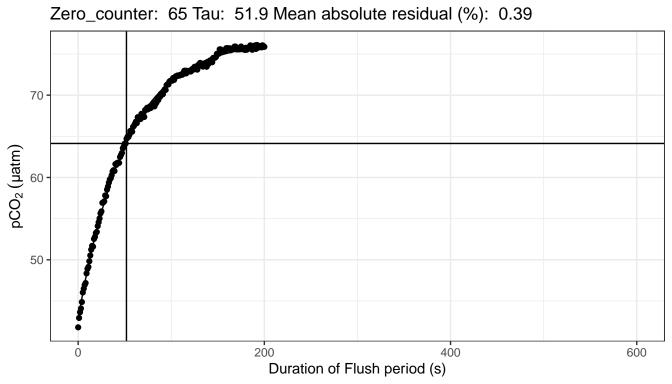


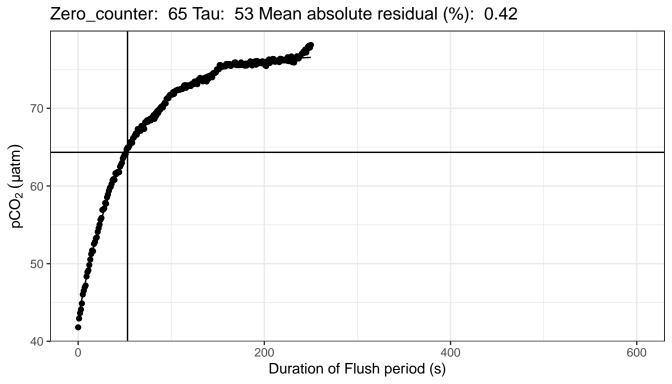


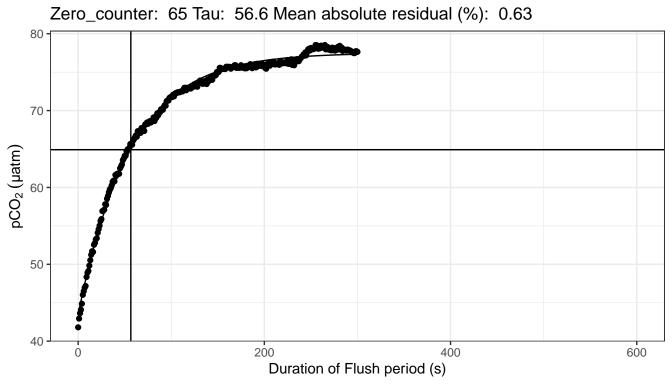


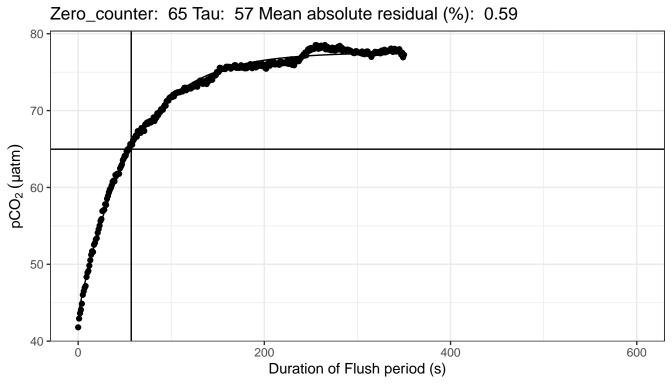


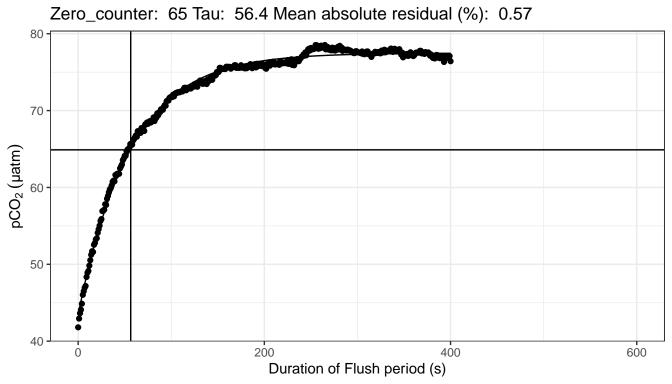


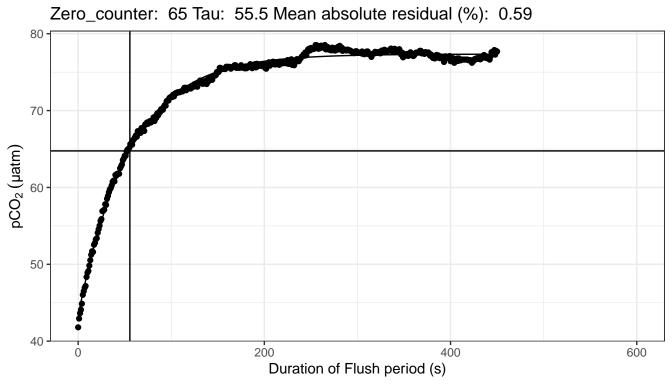


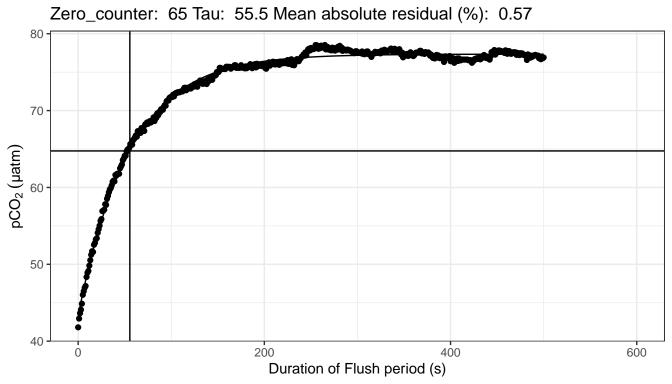


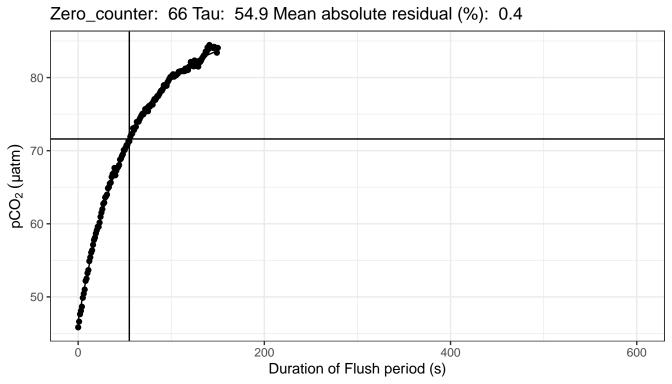


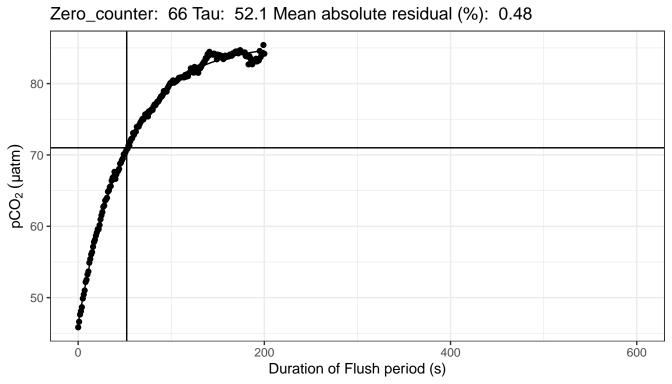


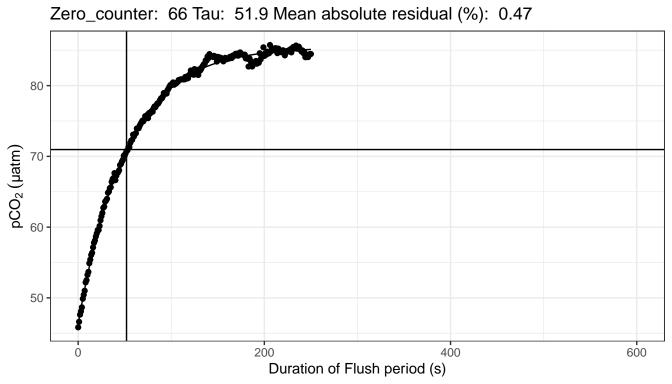


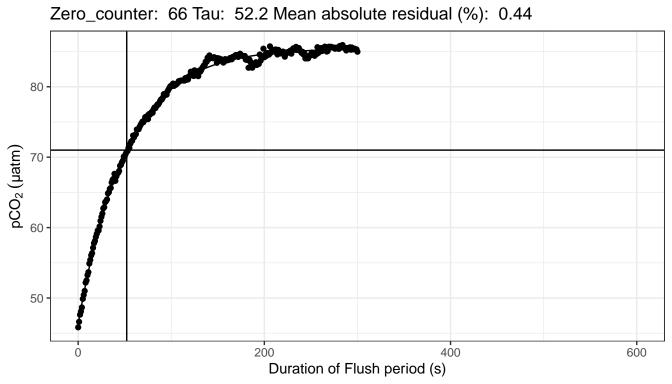


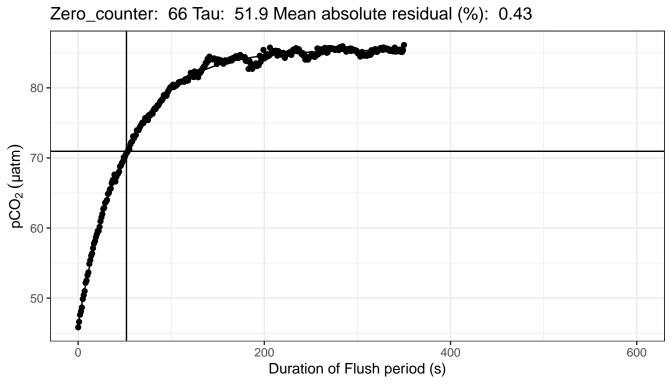


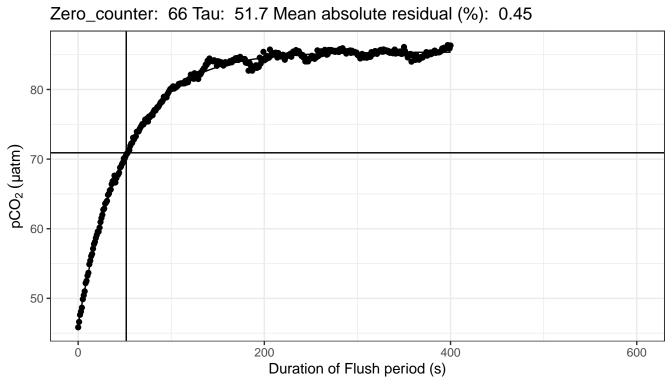


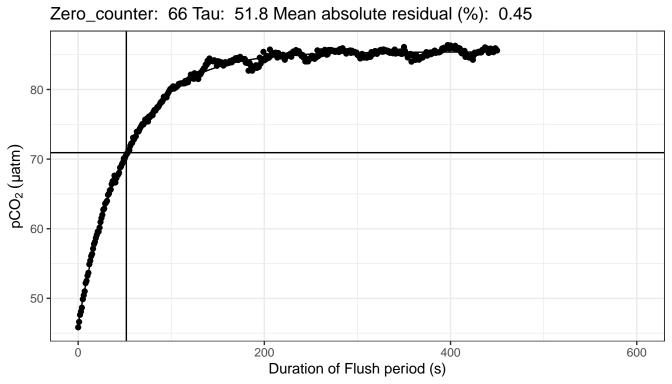


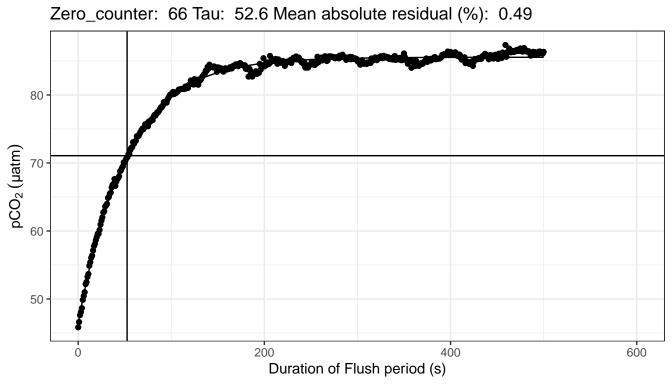




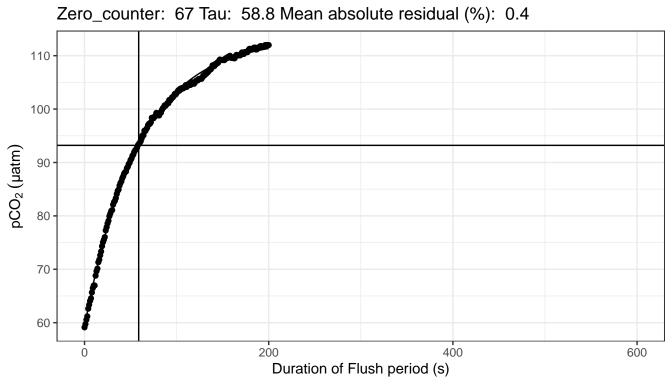


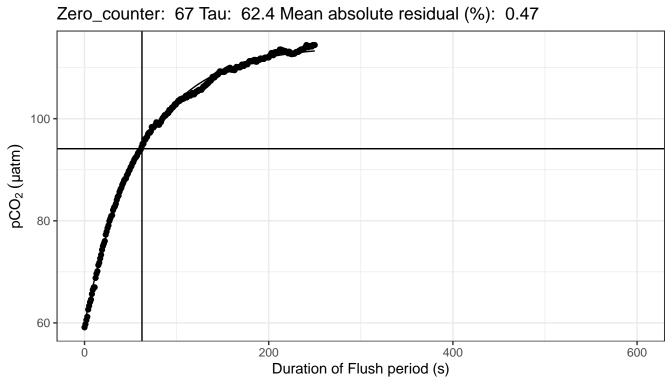


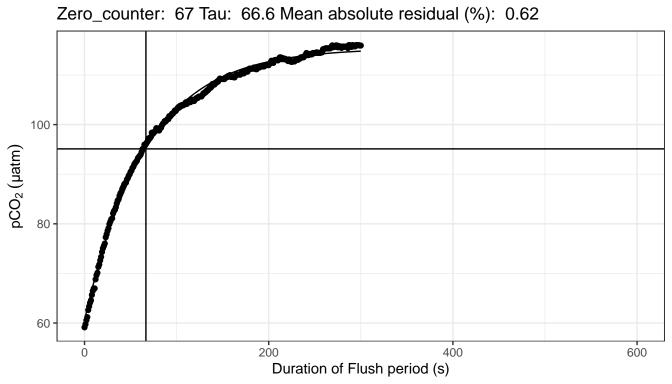


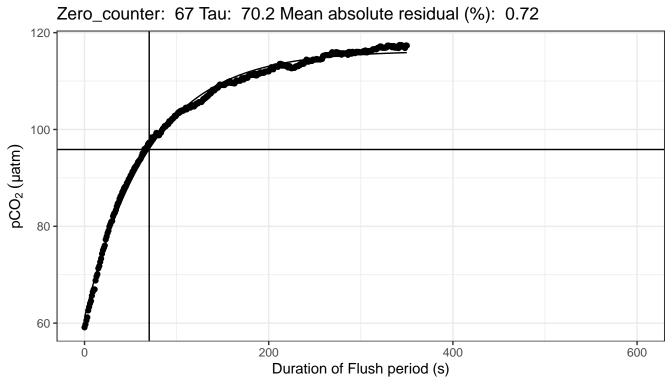


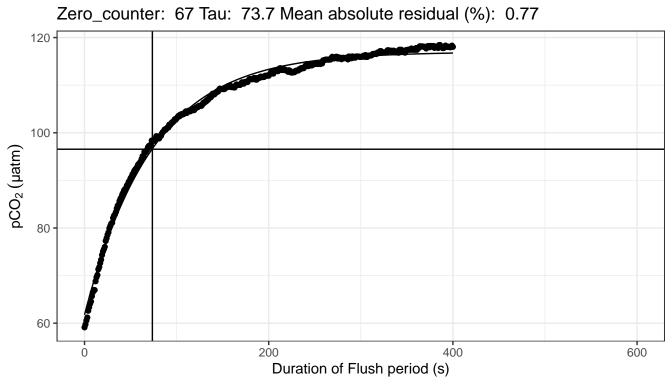
Zero_counter: 67 Tau: 54.5 Mean absolute residual (%): 0.3 pCO₂ (µatm) Duration of Flush period (s)

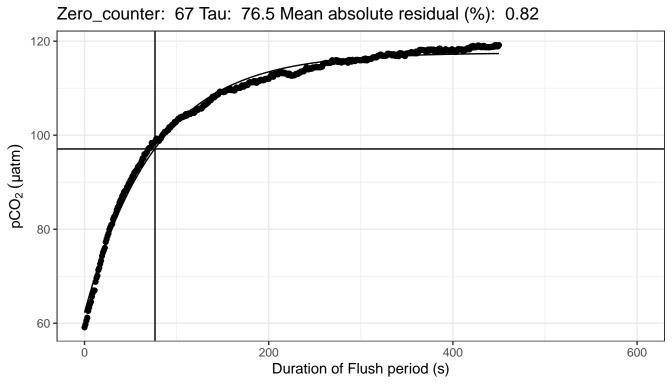


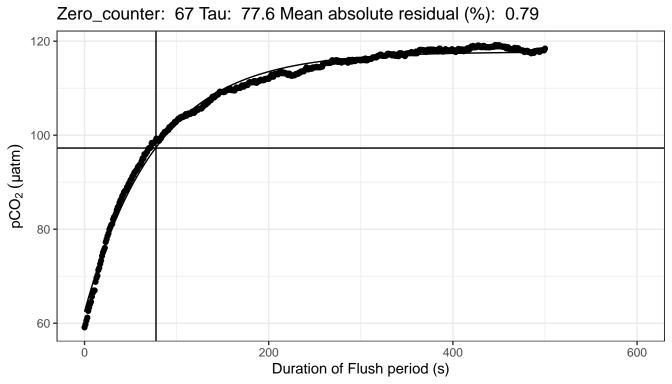


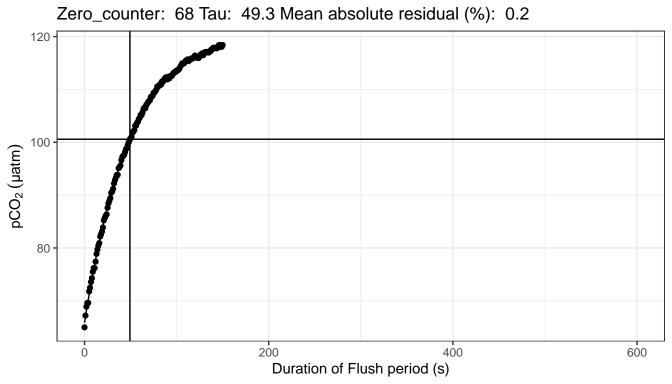


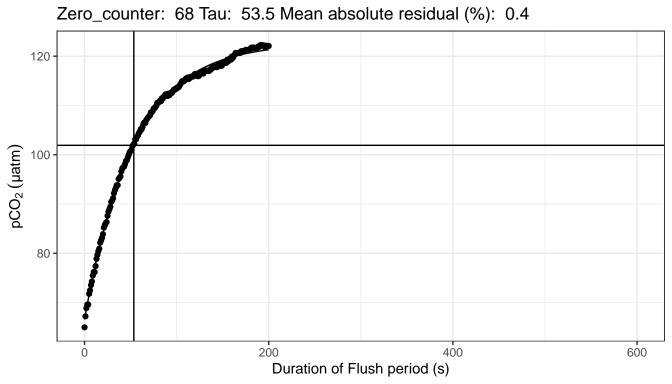


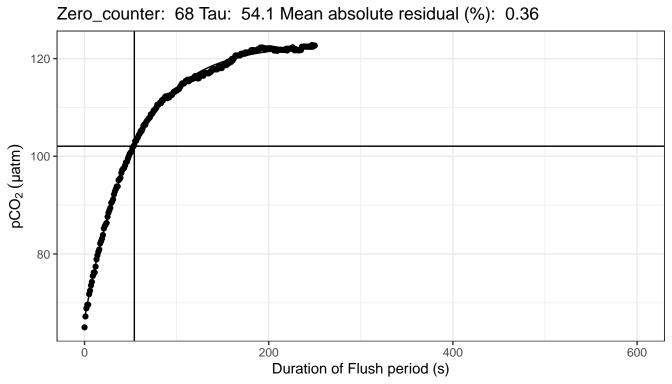


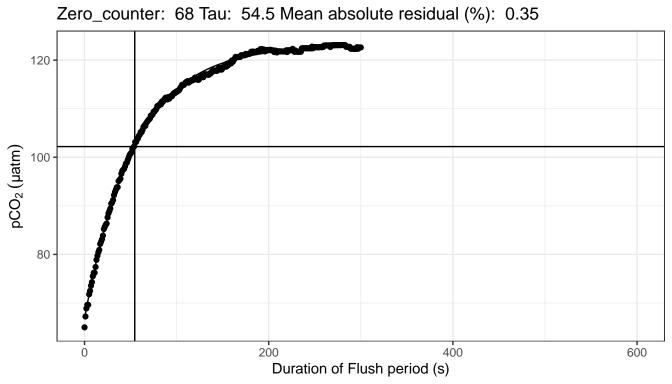


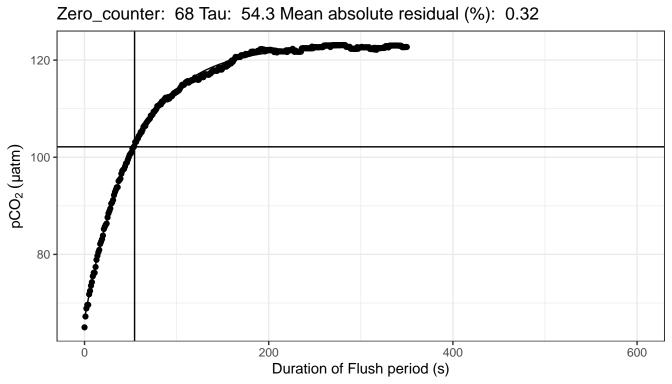


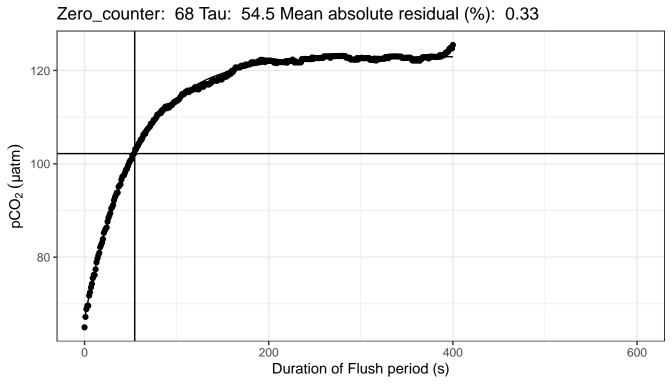


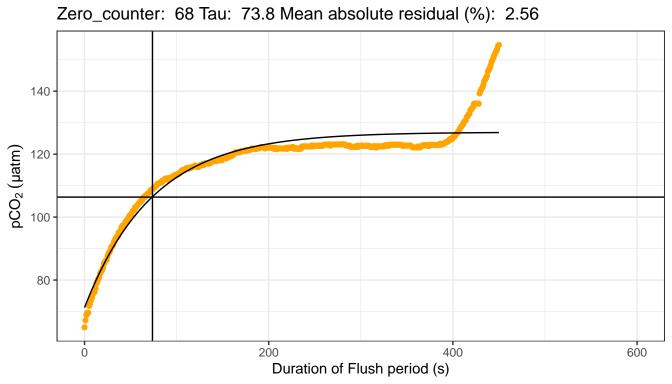


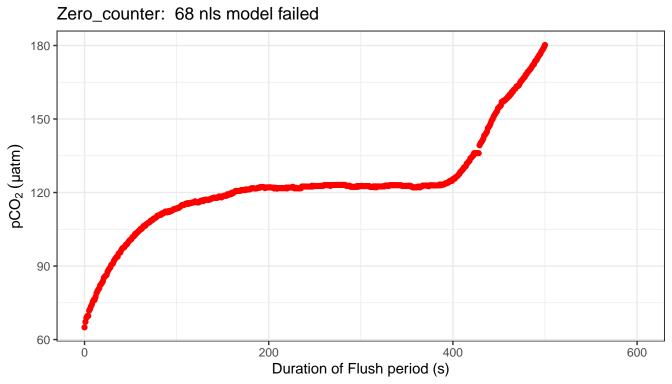


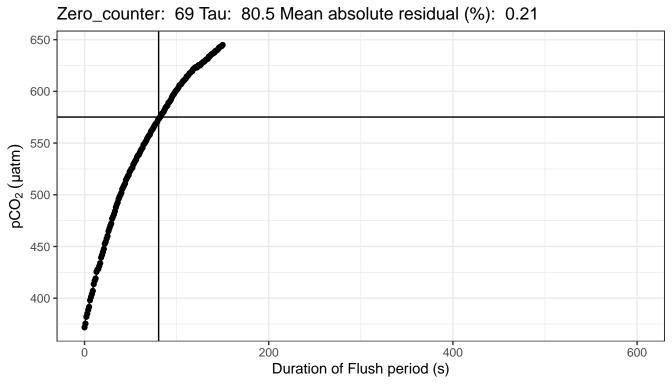


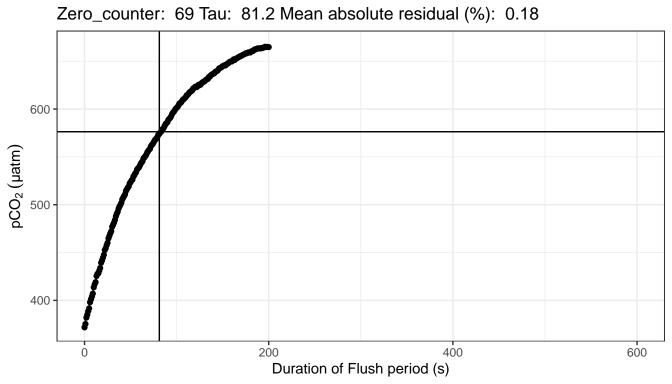


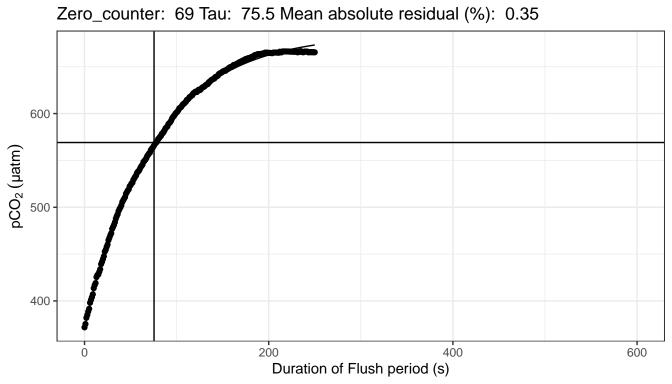


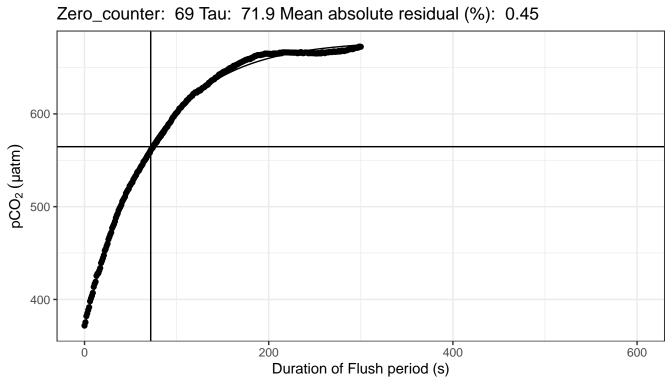


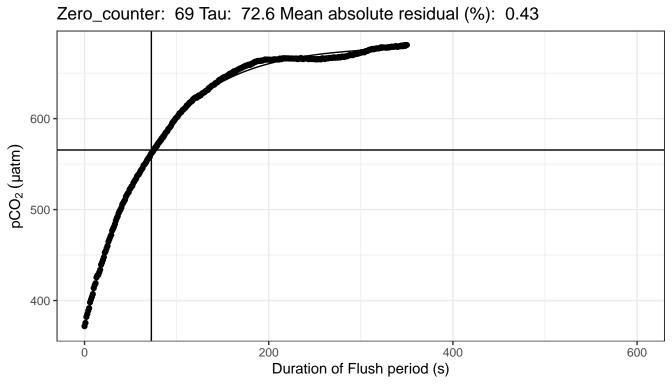


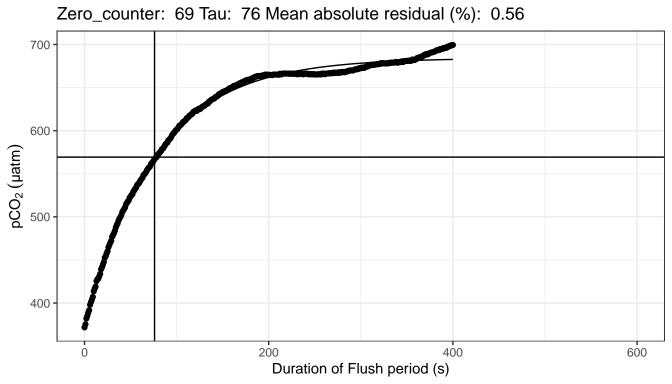


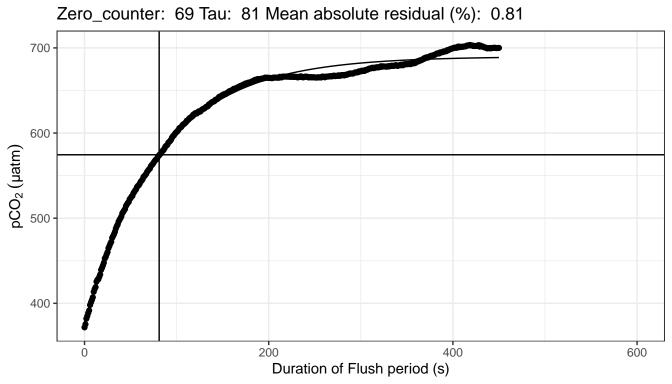


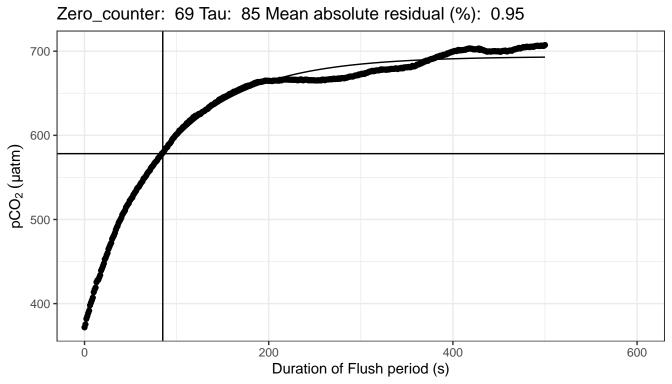


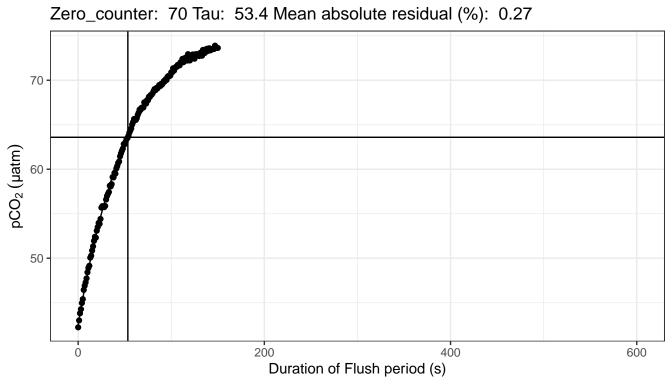


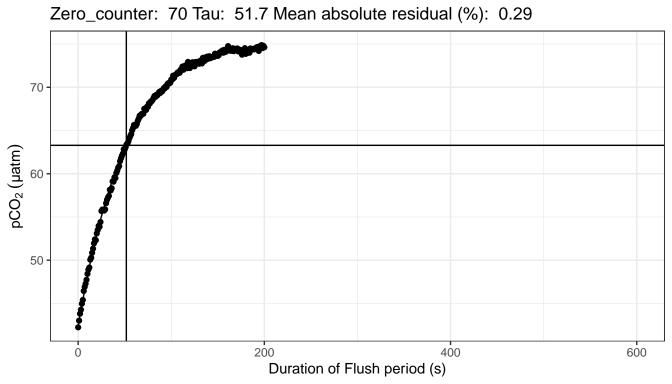


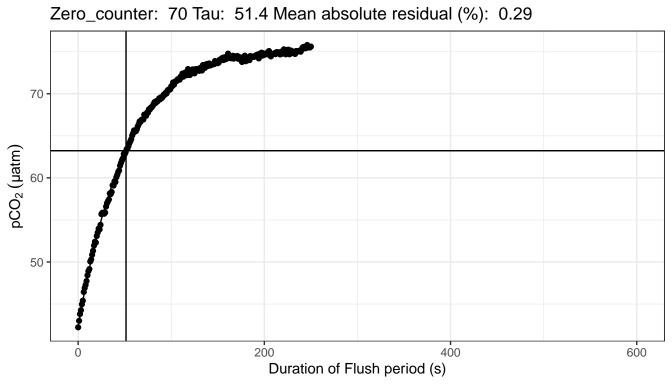


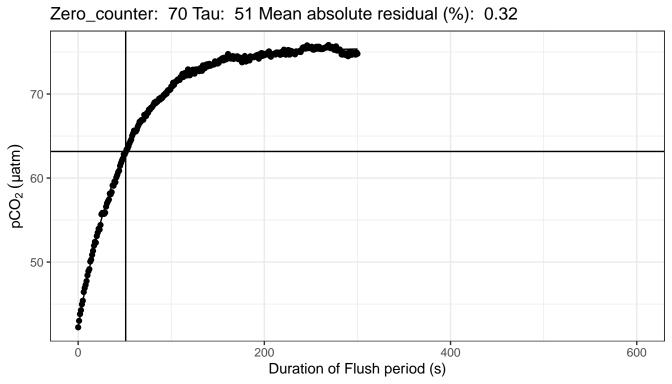


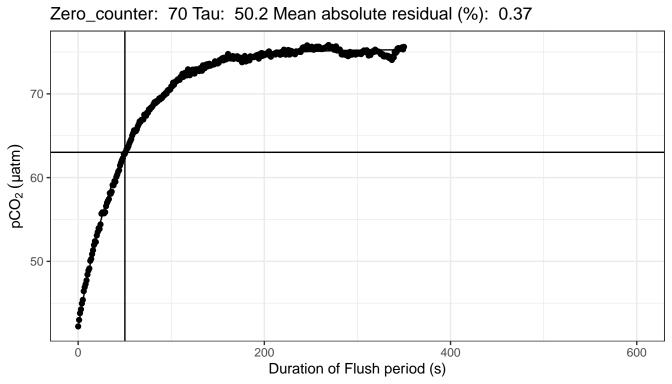


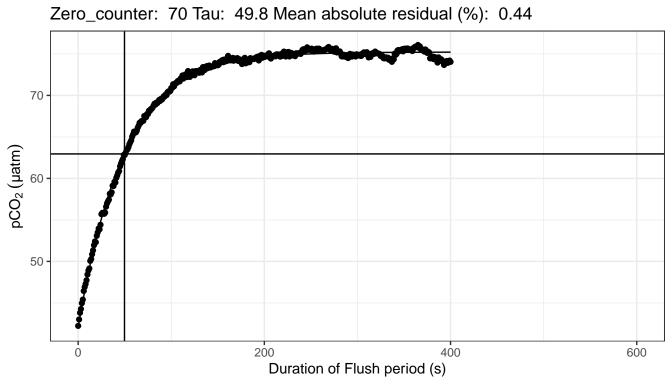


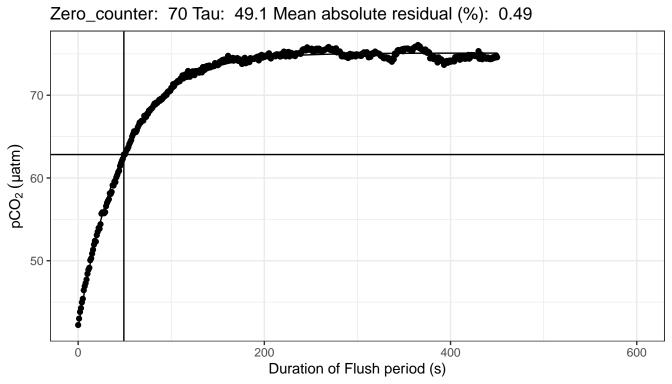


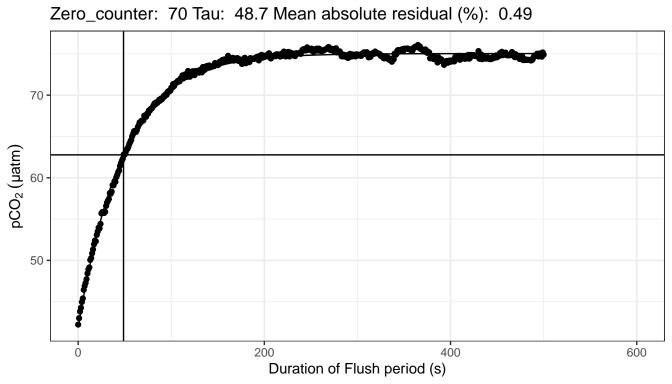


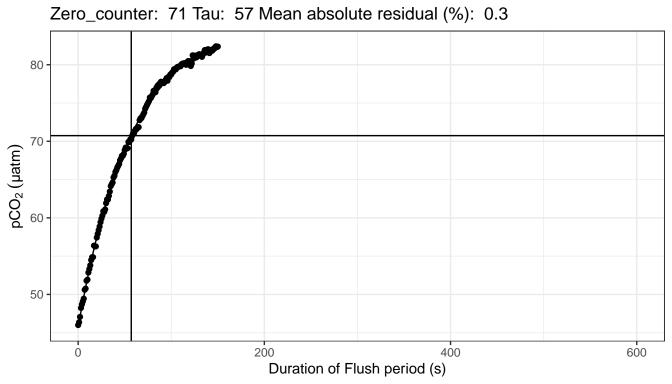


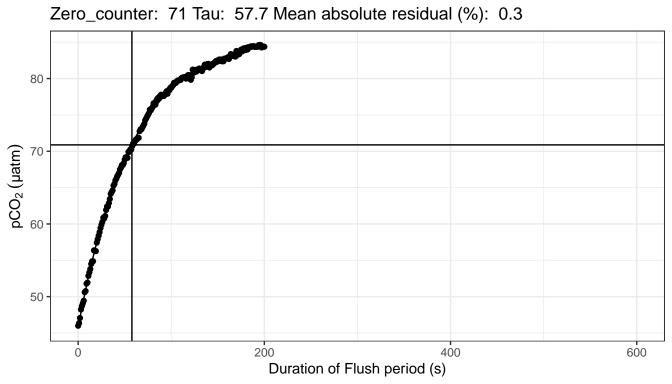


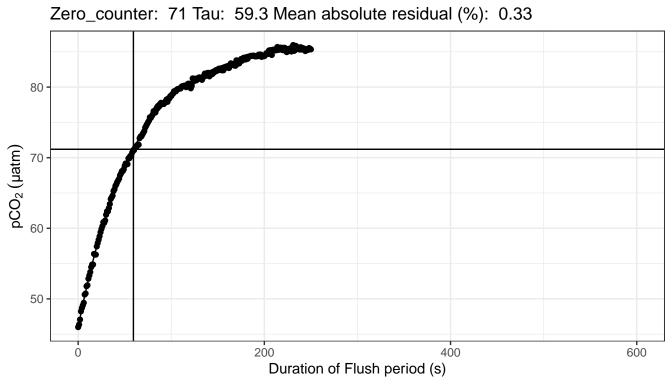


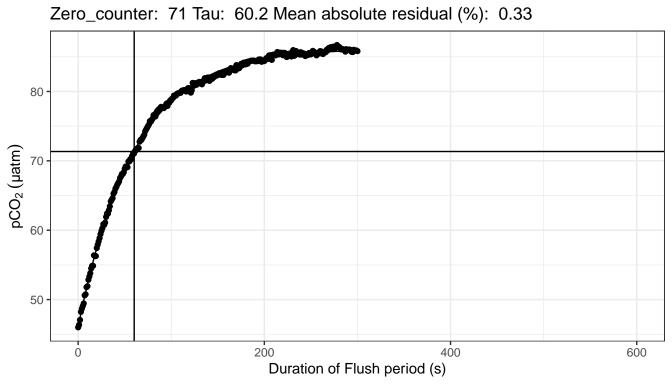


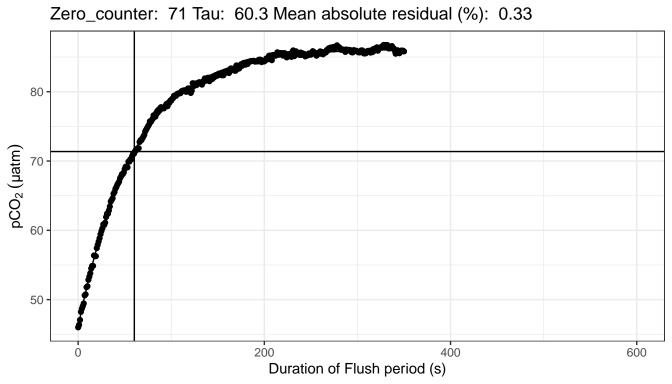


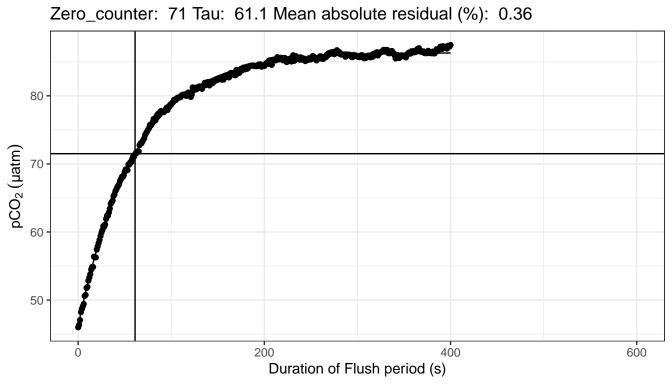


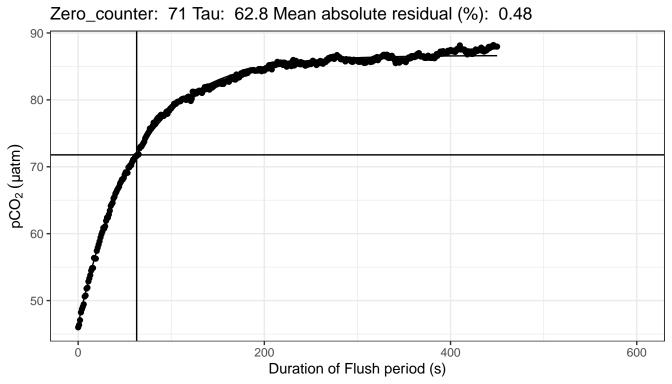


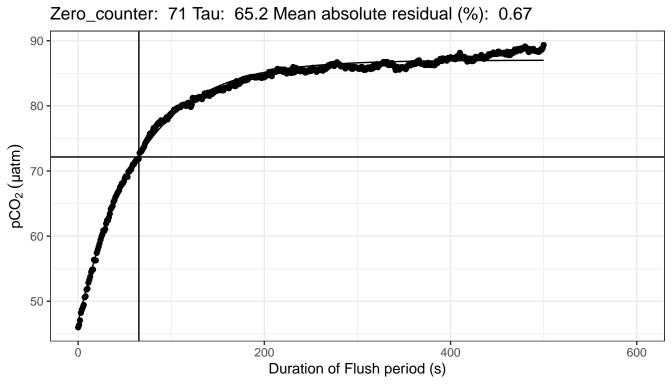


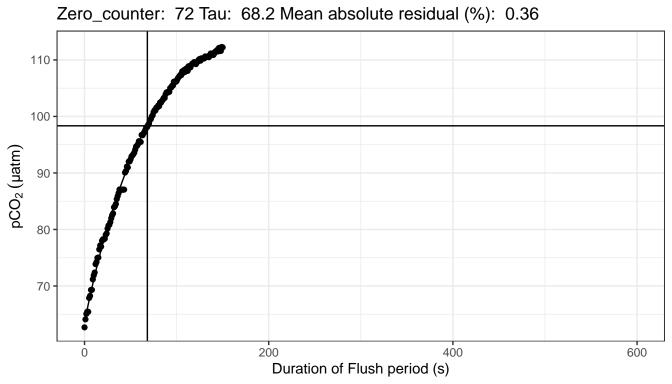


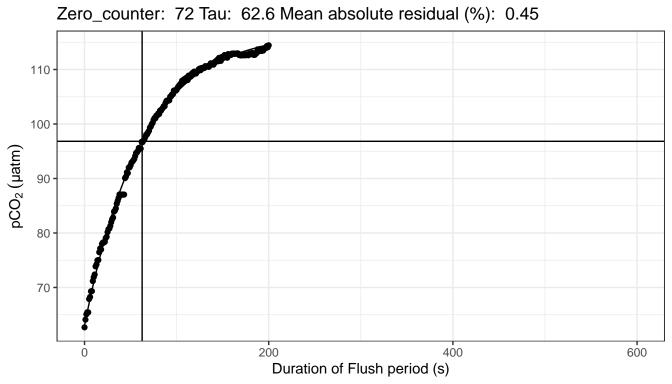


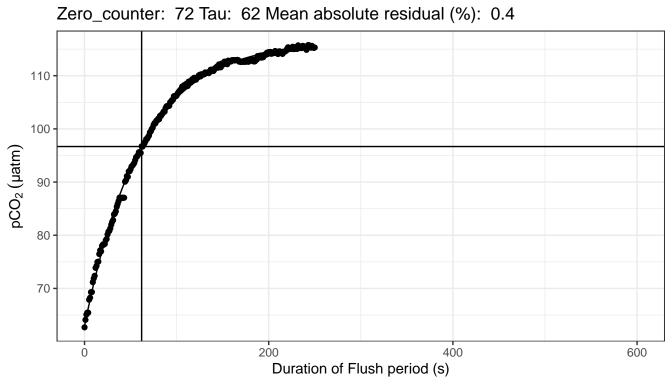


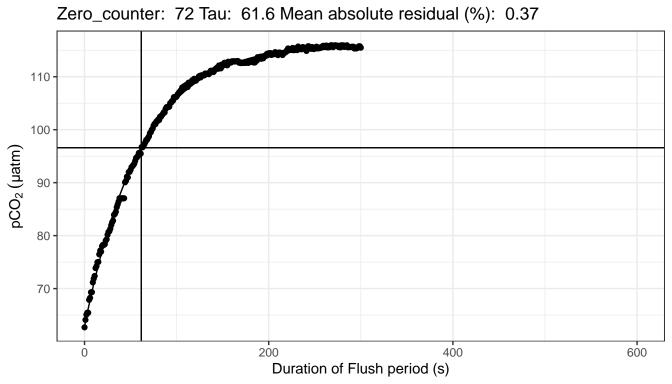


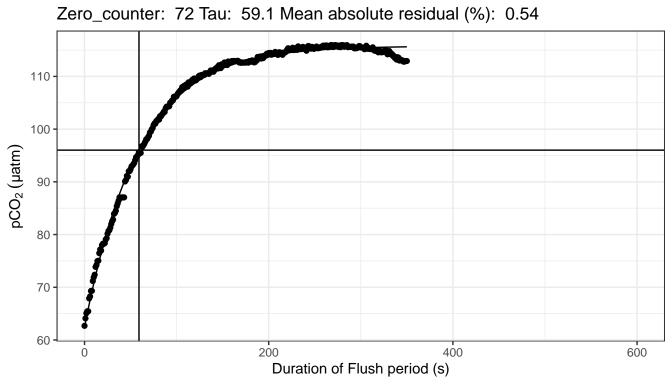


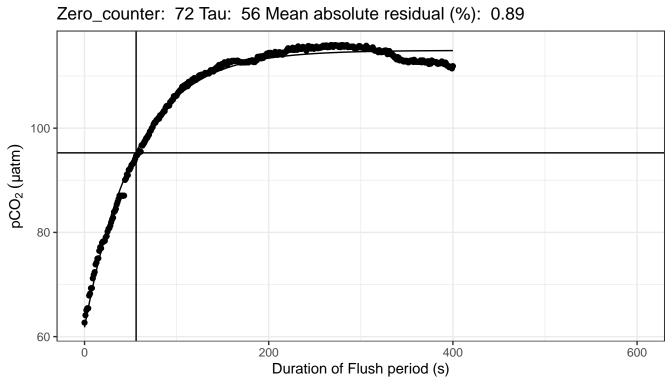


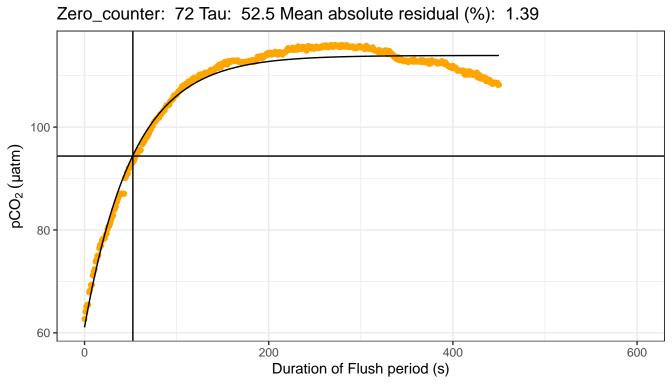


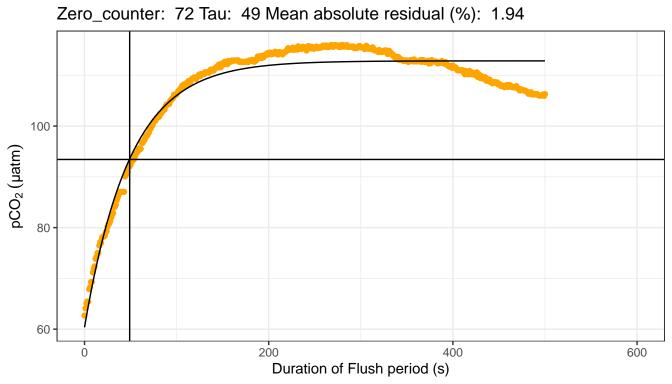


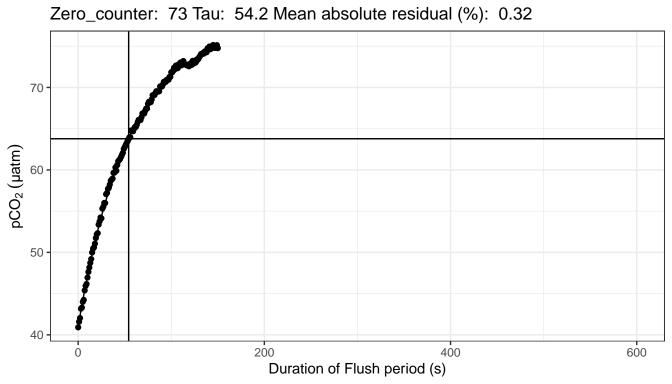


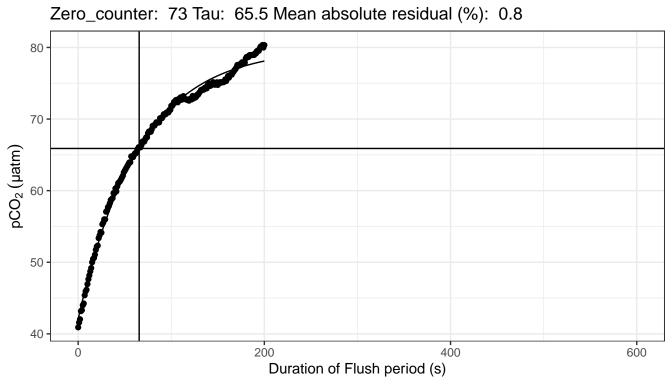


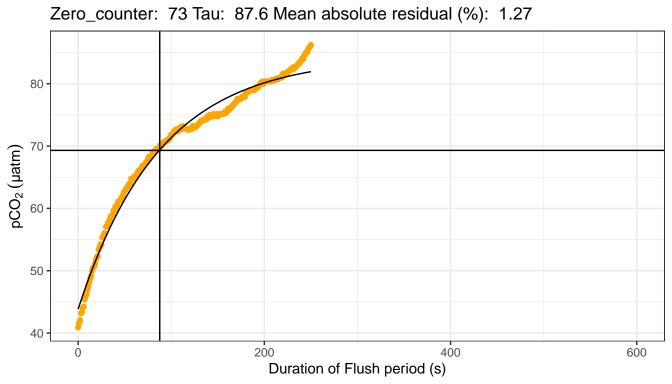


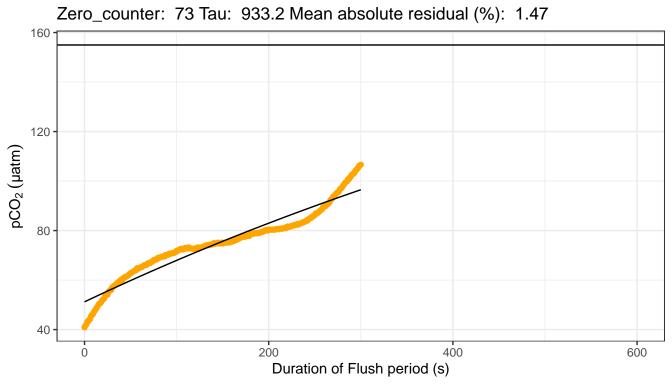


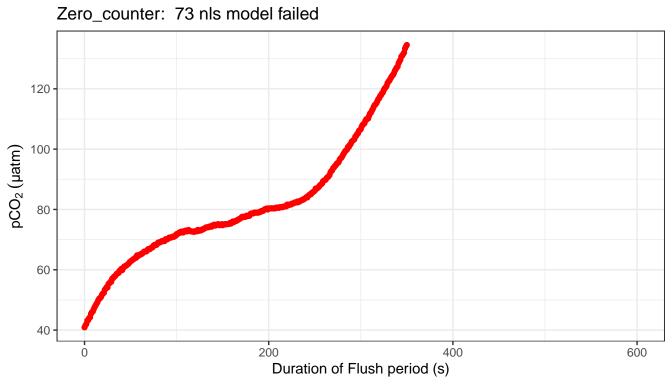


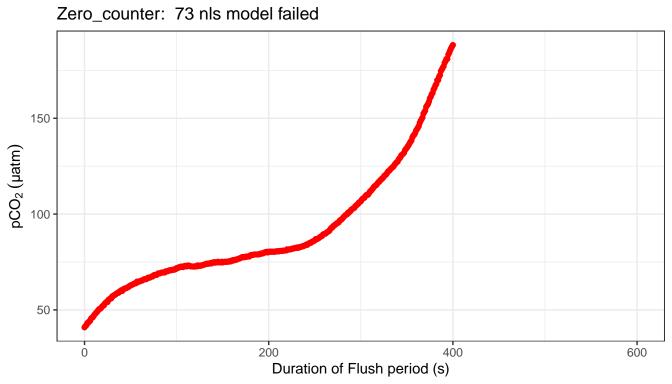


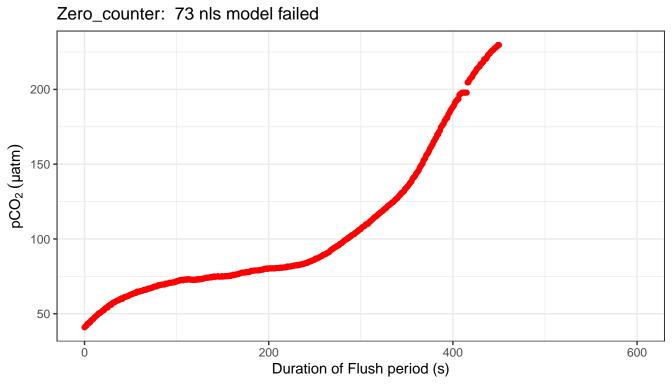


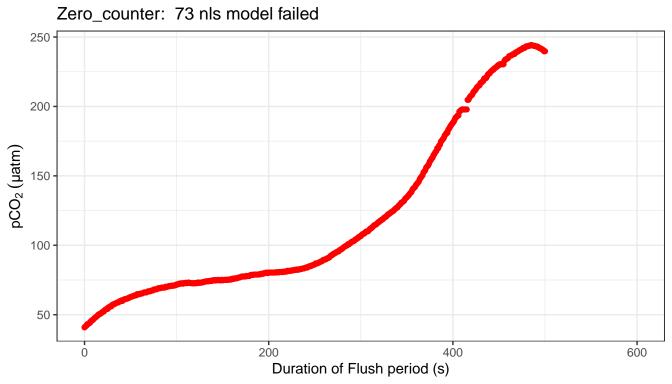


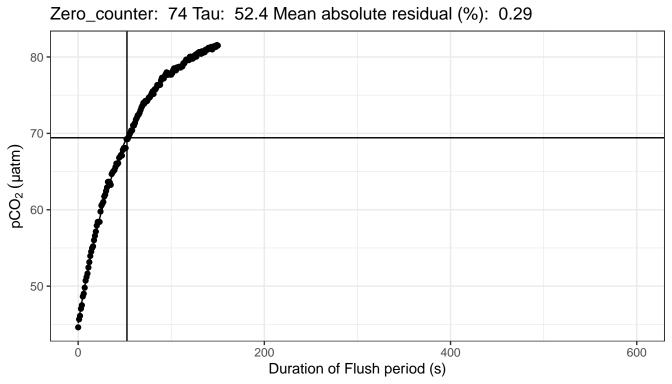


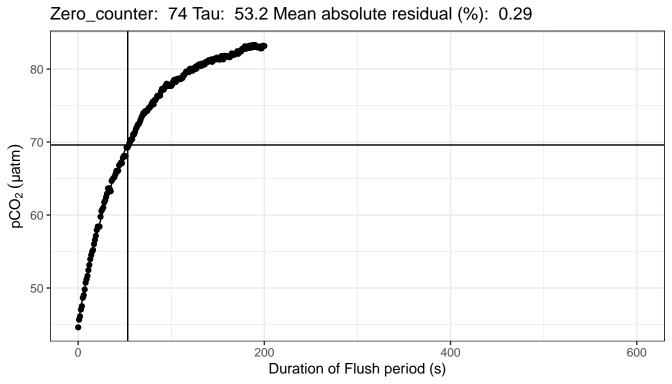


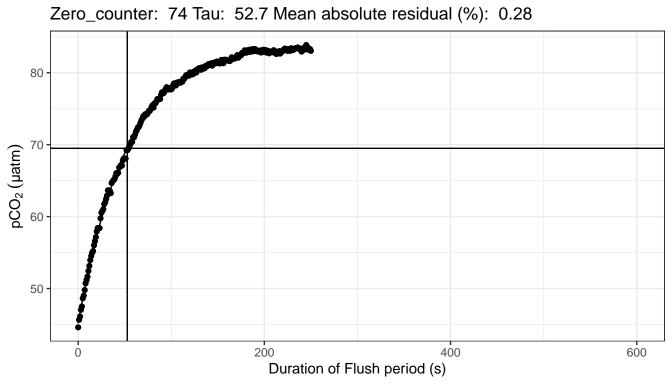


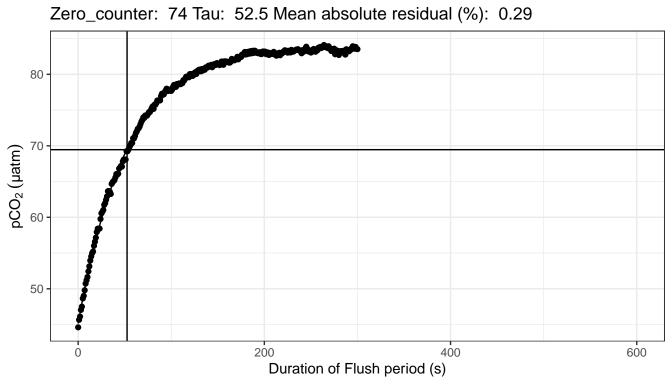


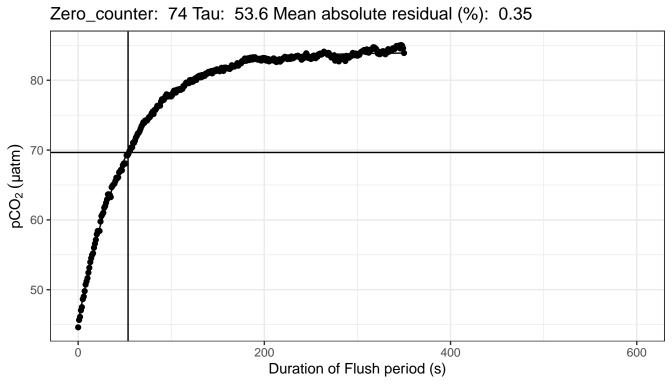


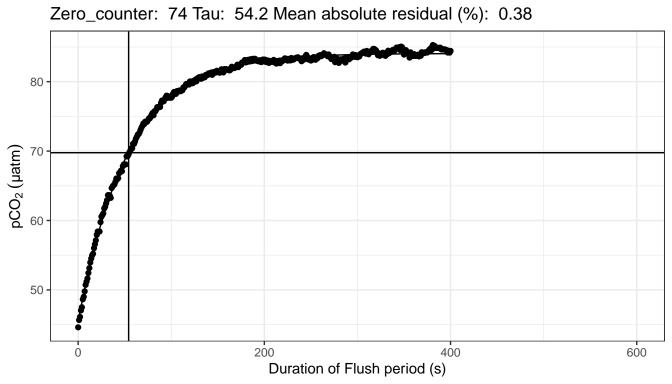


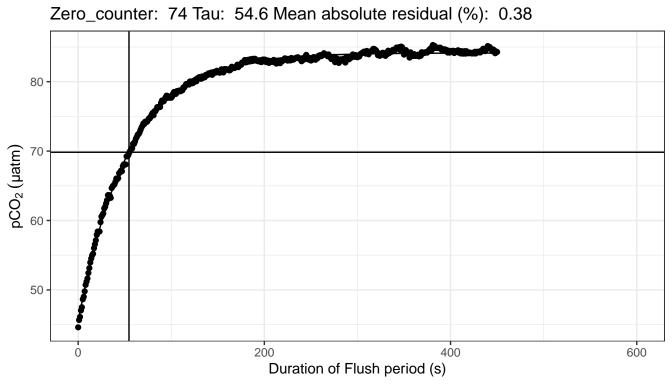


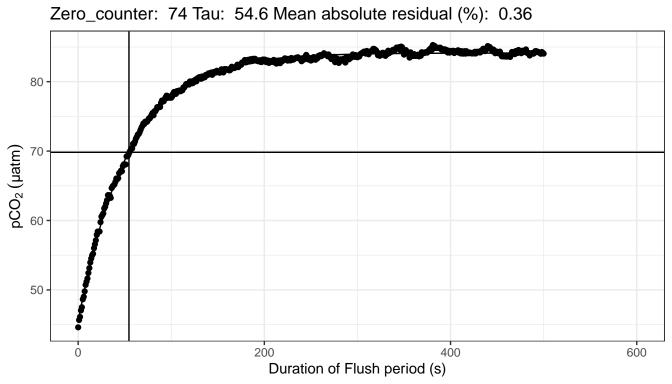


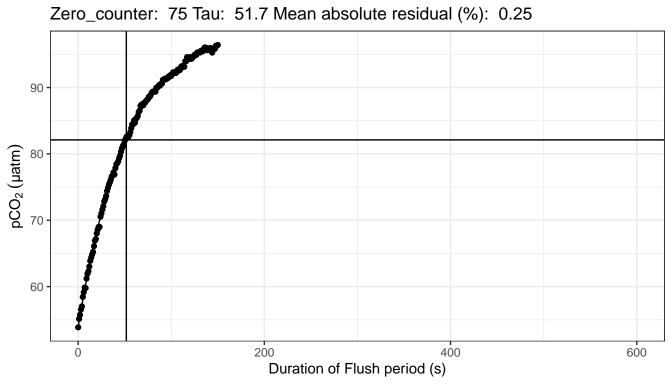


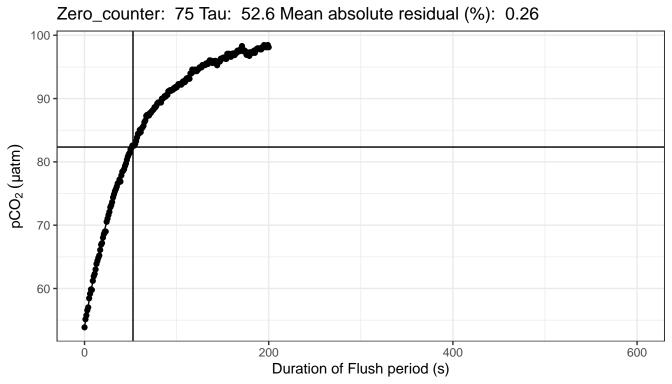


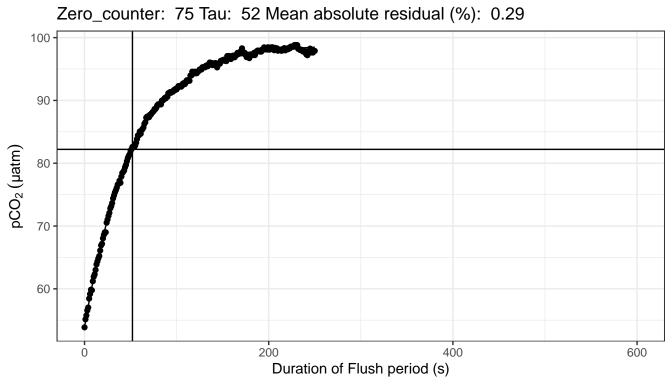


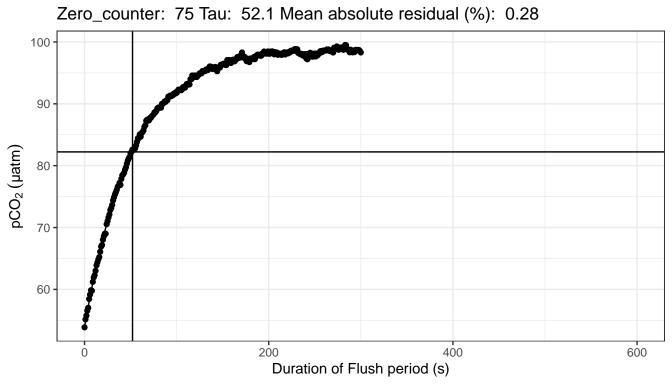


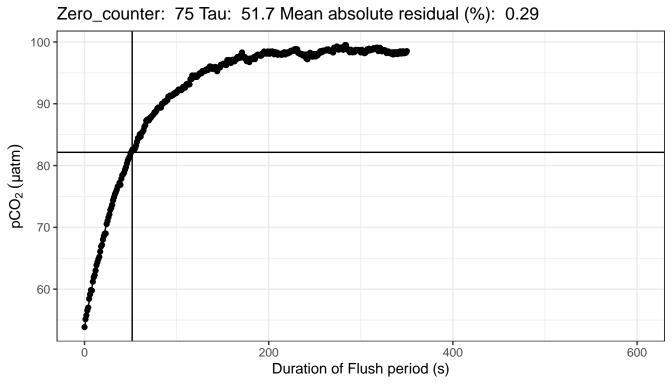


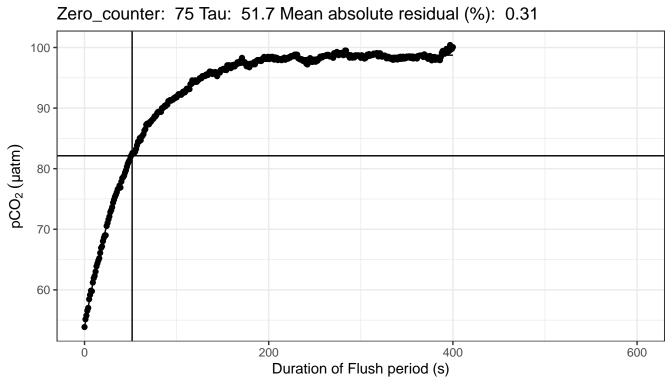


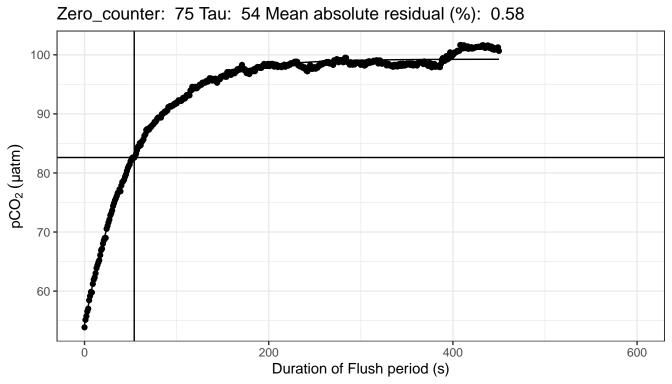


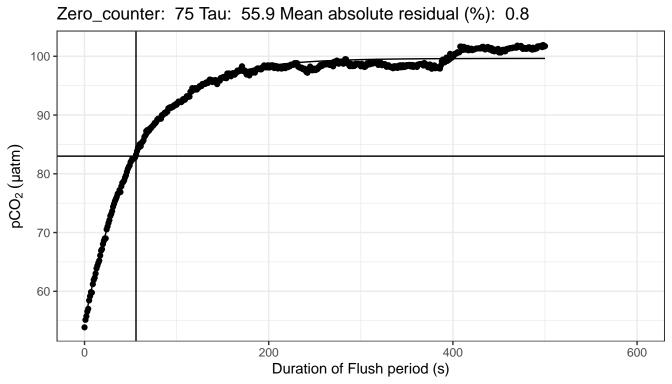


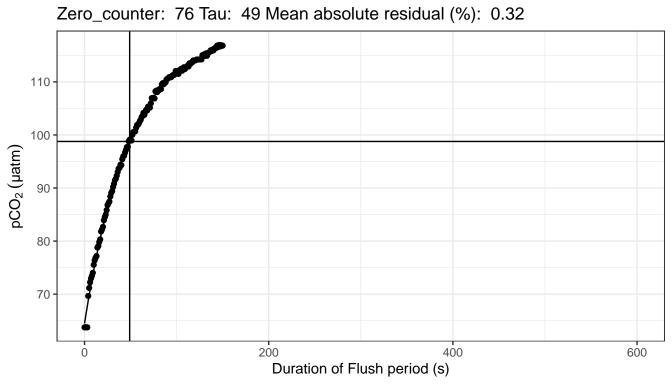


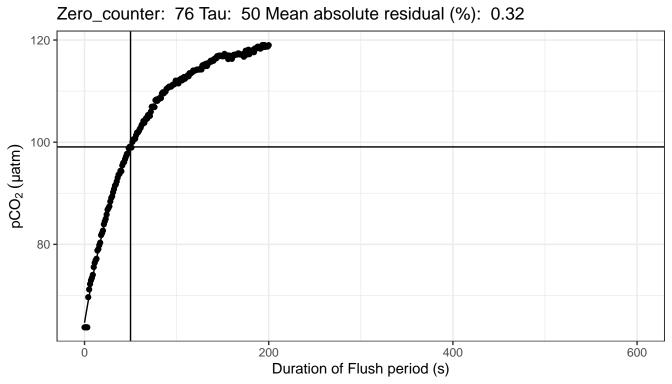


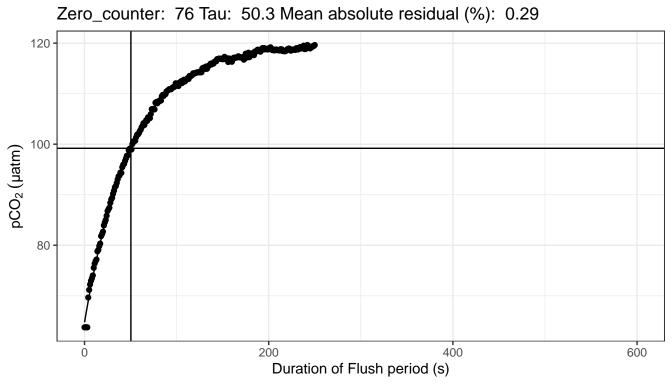


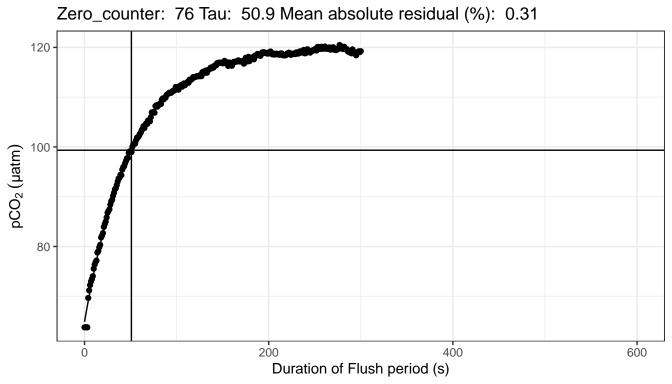


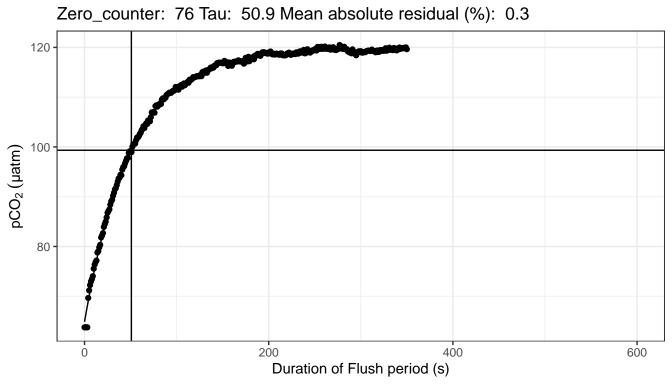


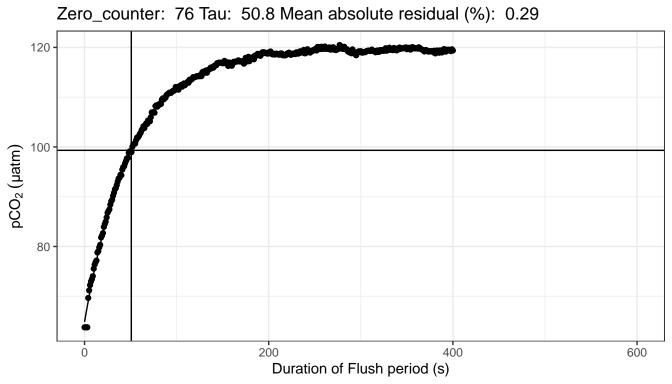


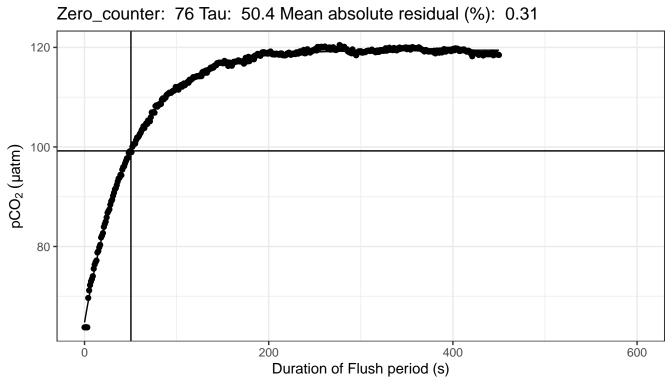


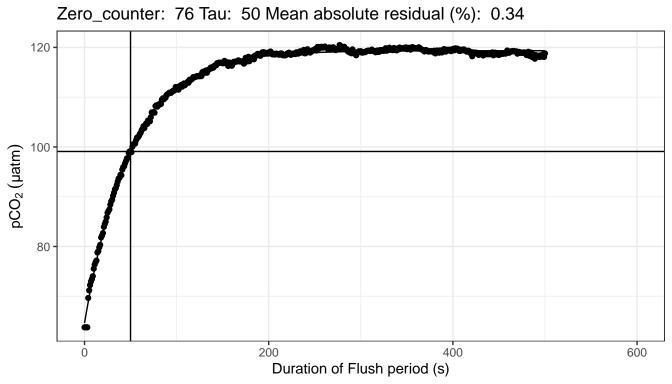


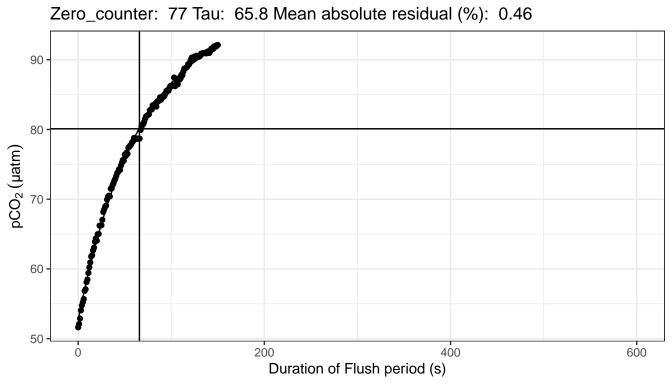


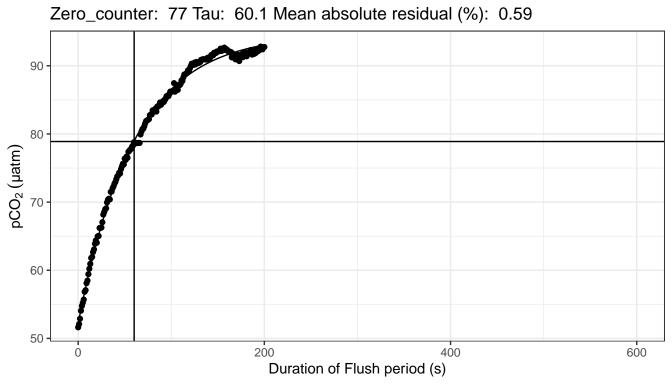


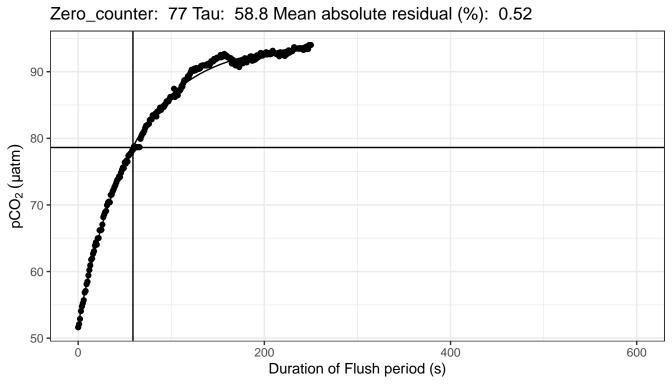


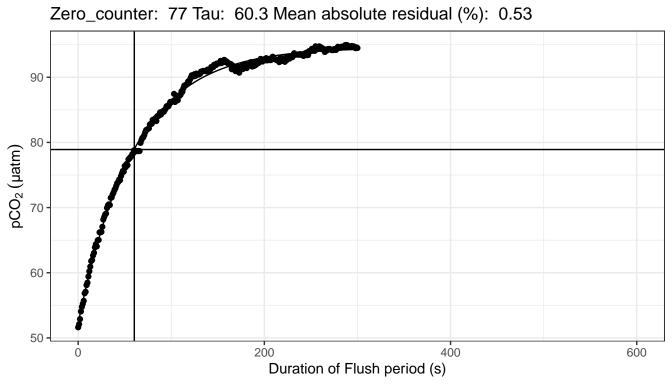


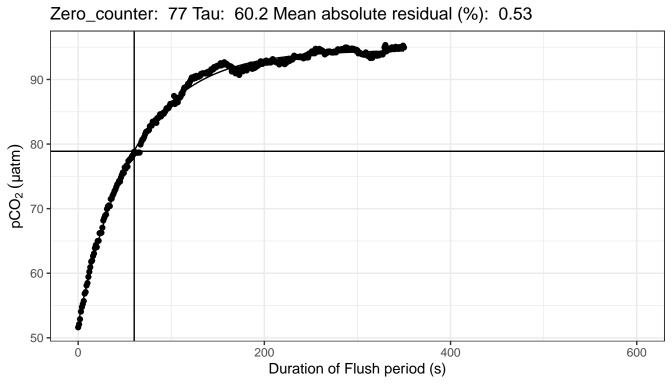


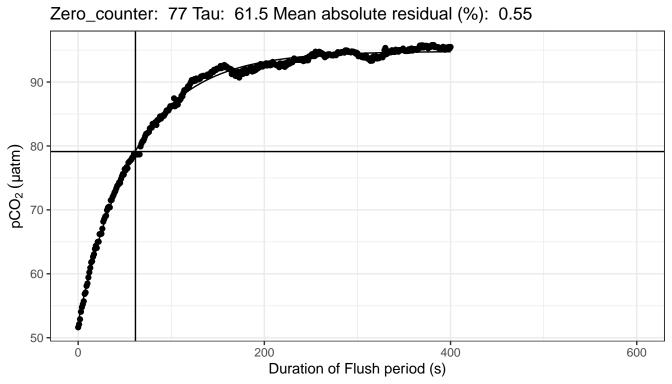


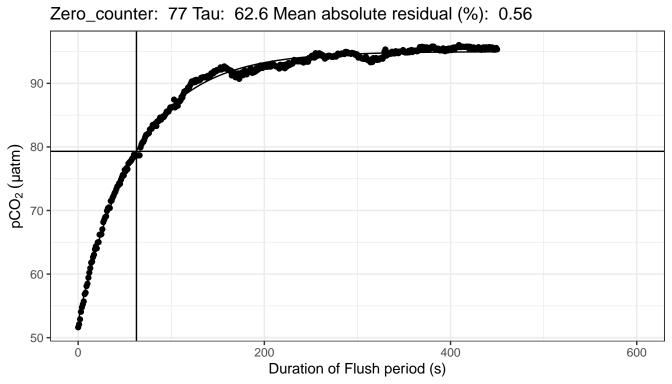


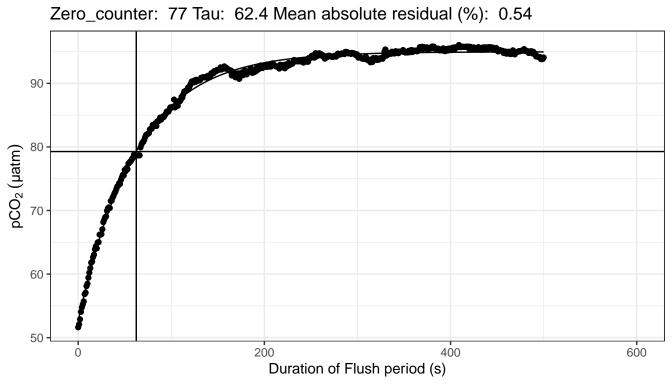


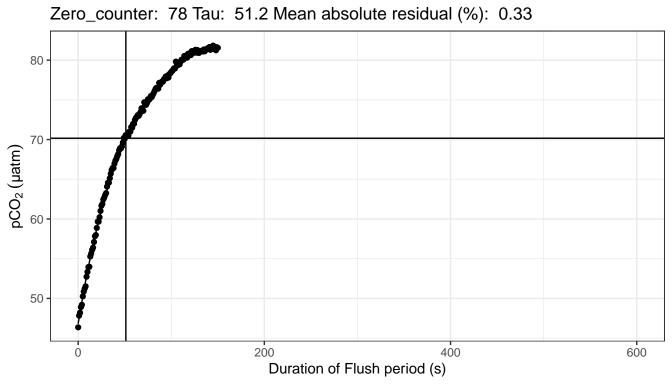


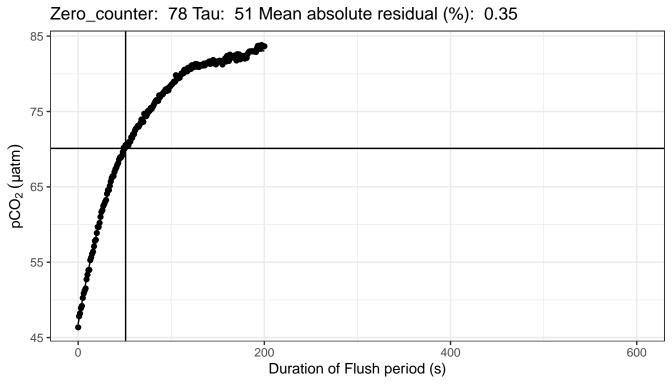


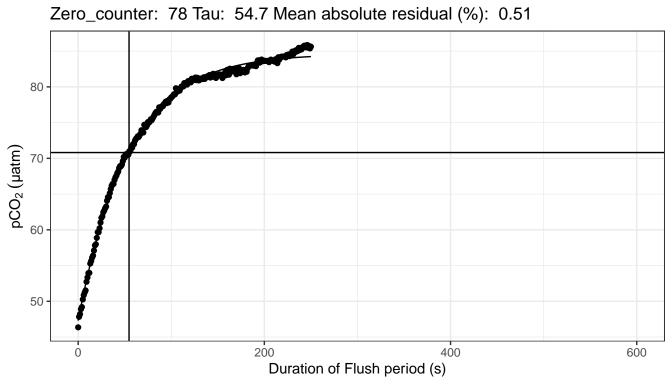


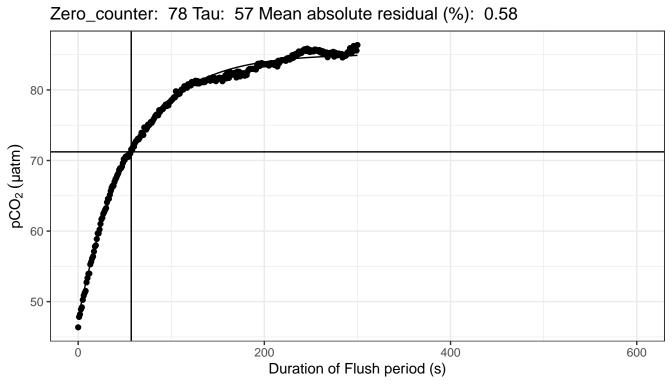


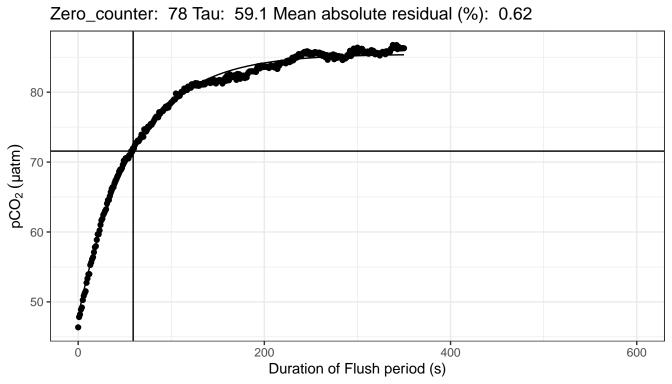


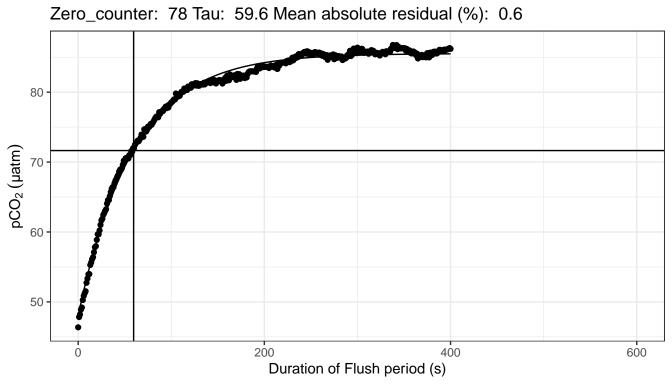


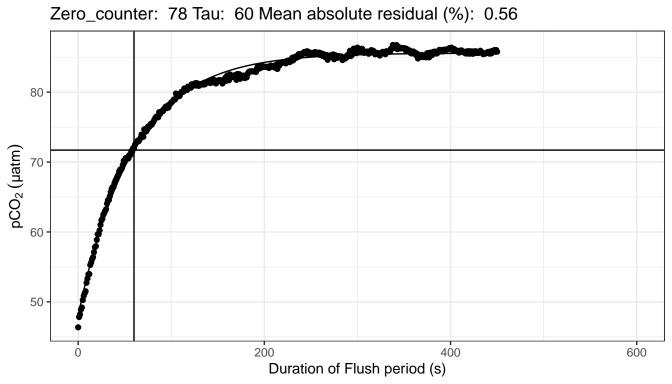


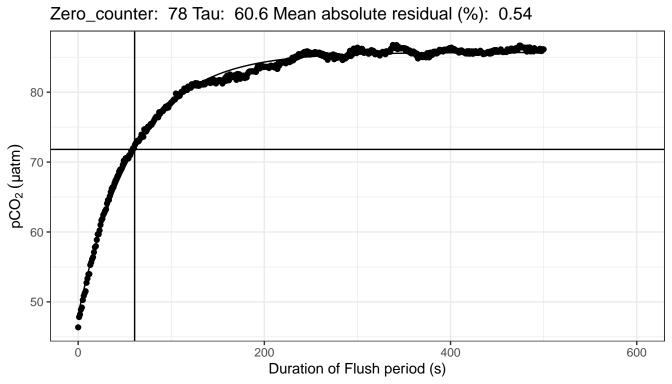


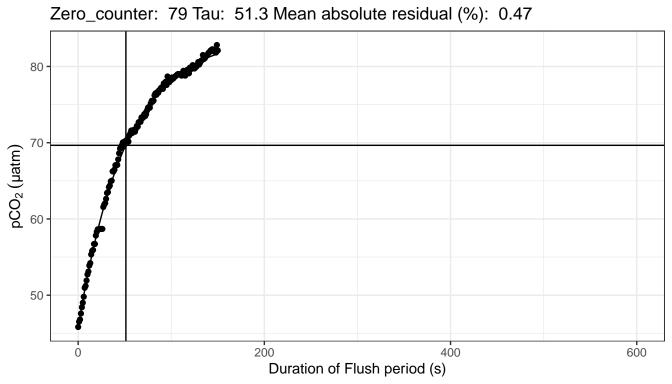


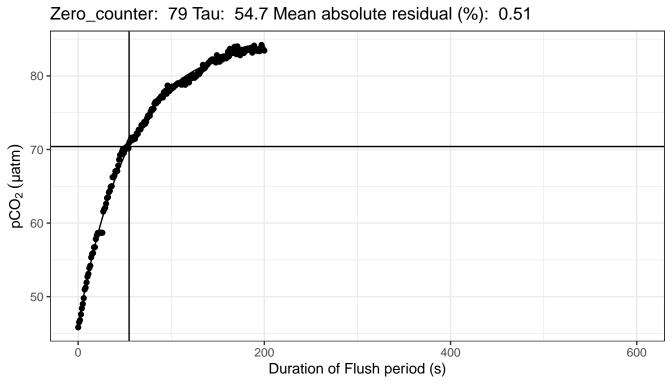


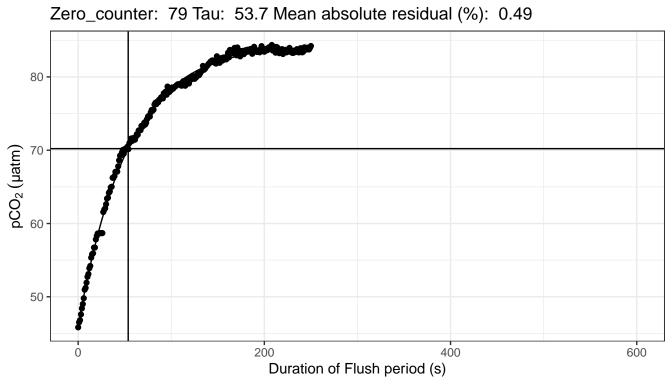


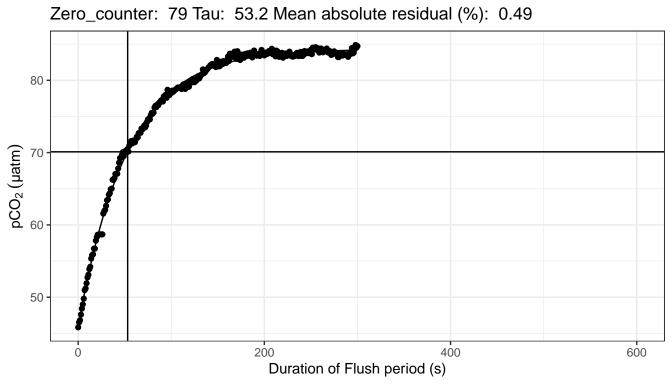


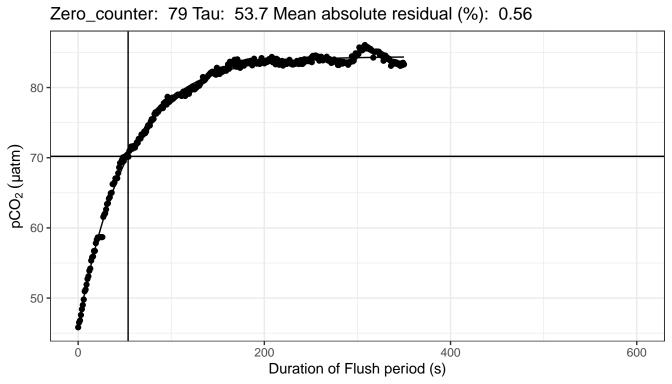


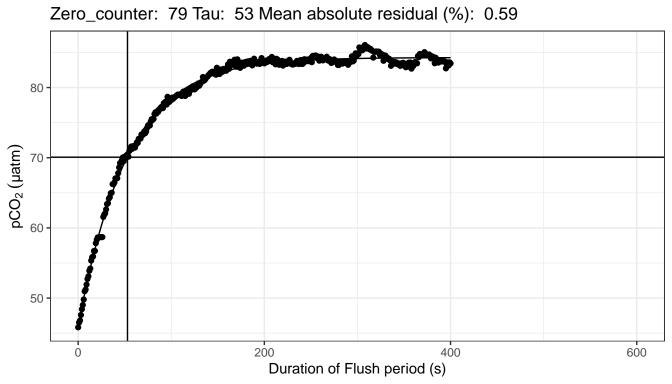


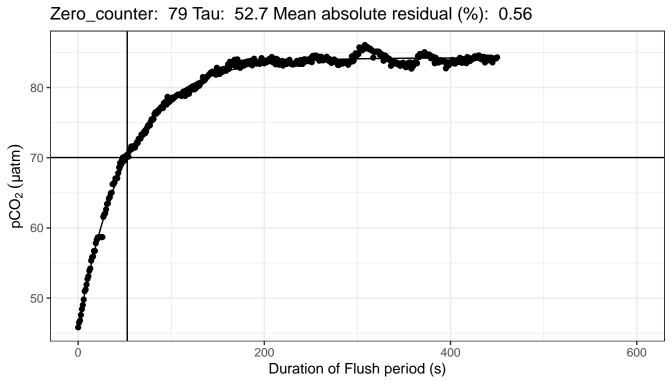


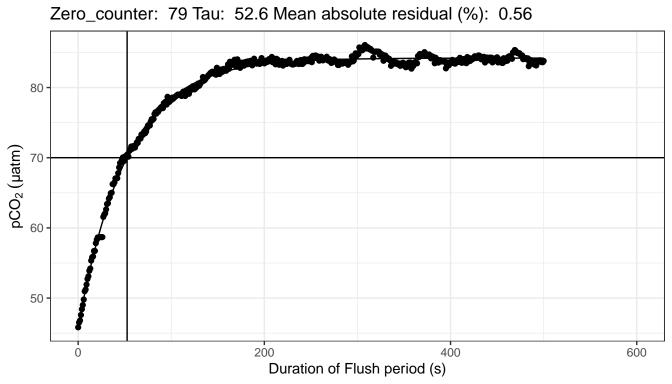


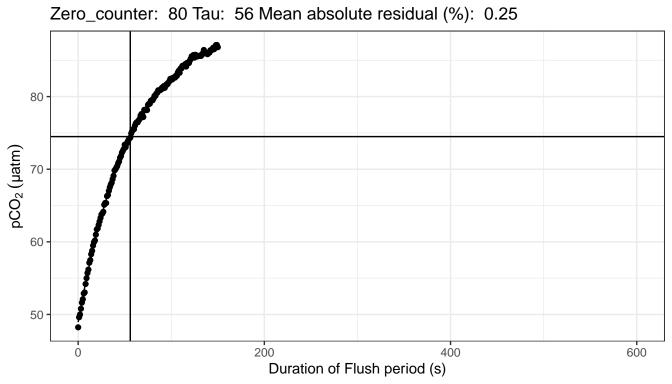


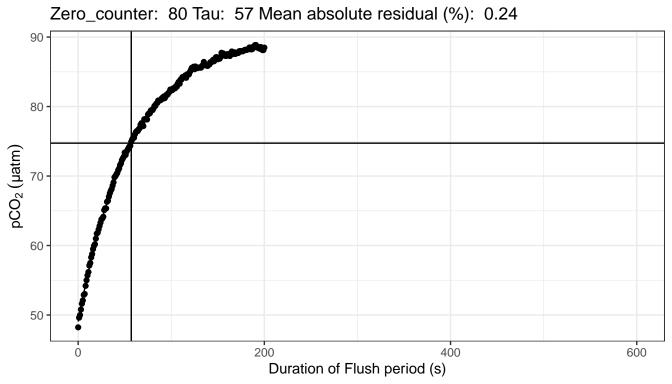


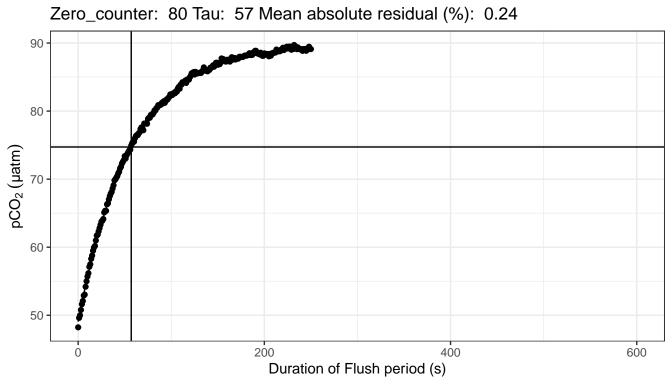


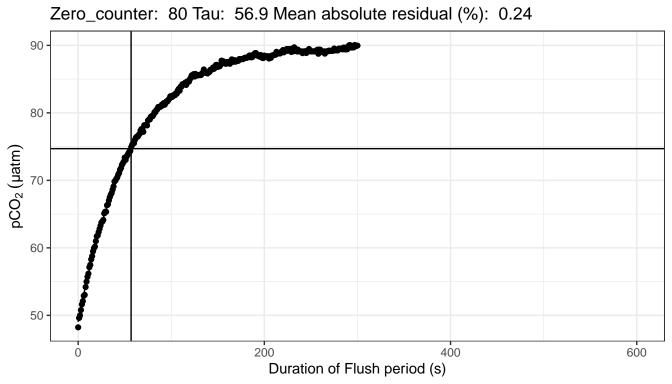


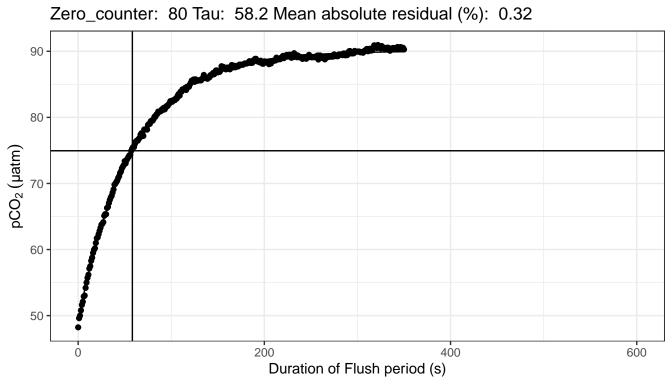


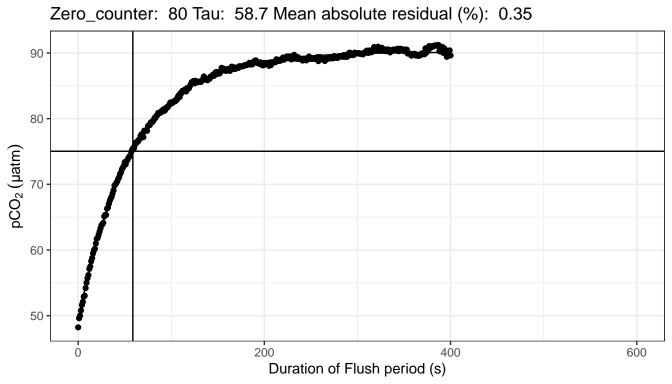


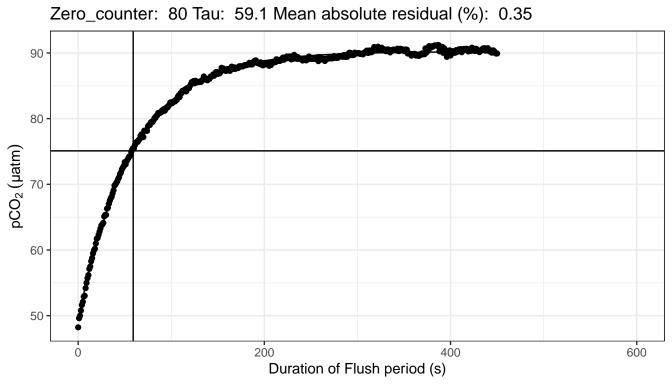


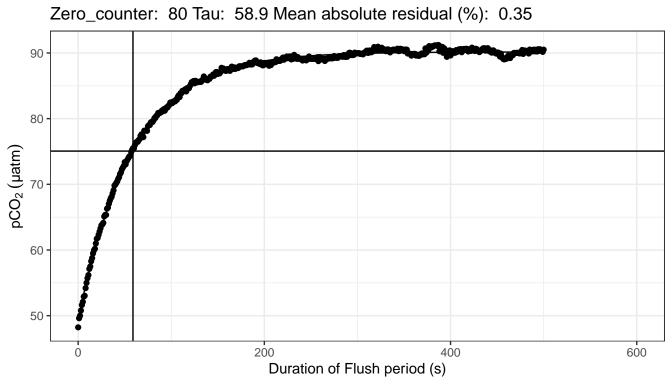


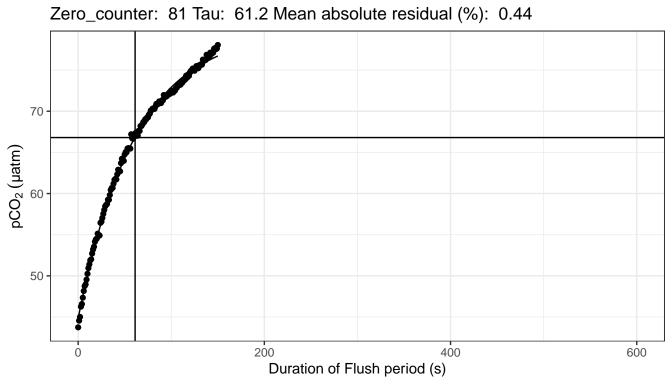


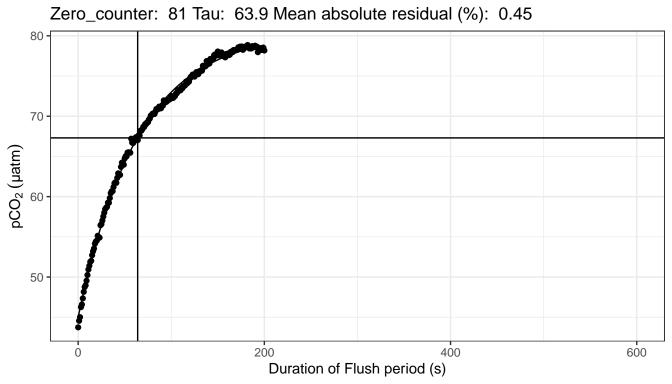


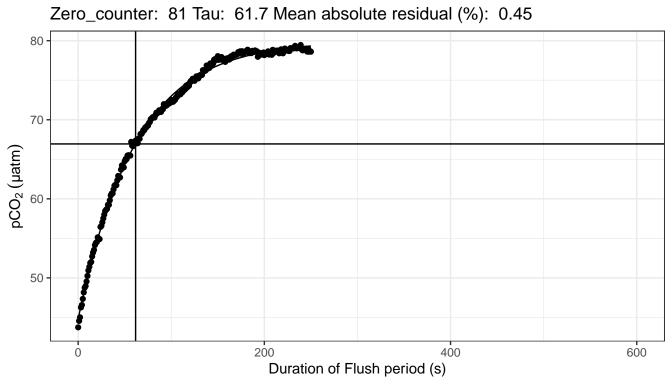


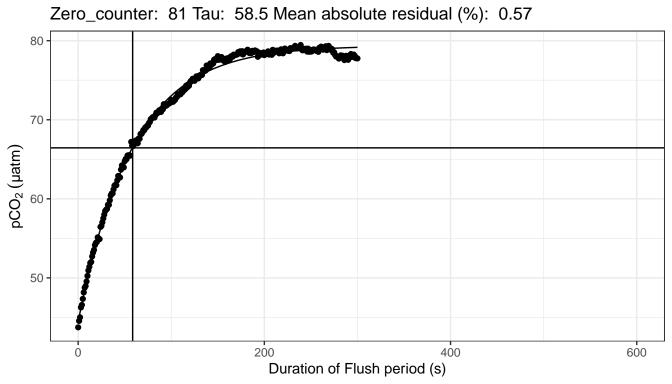


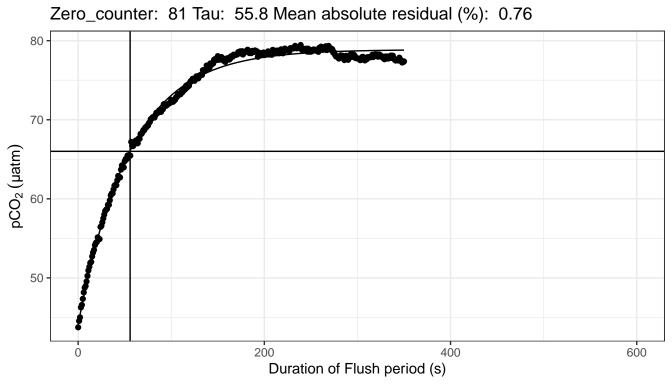


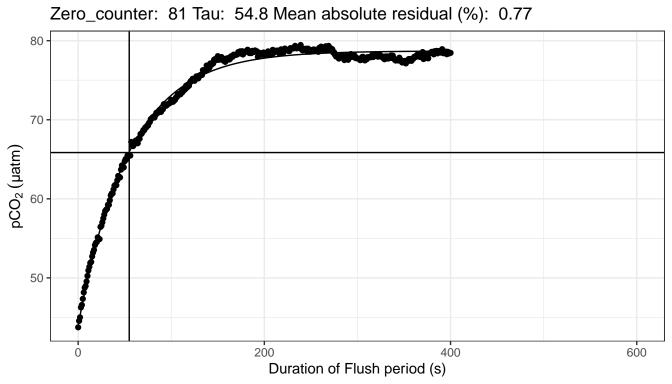


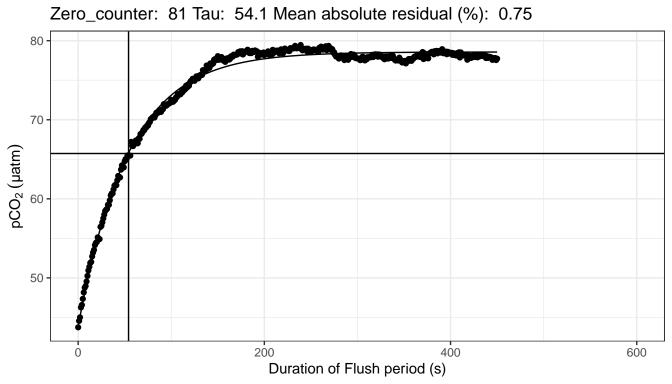


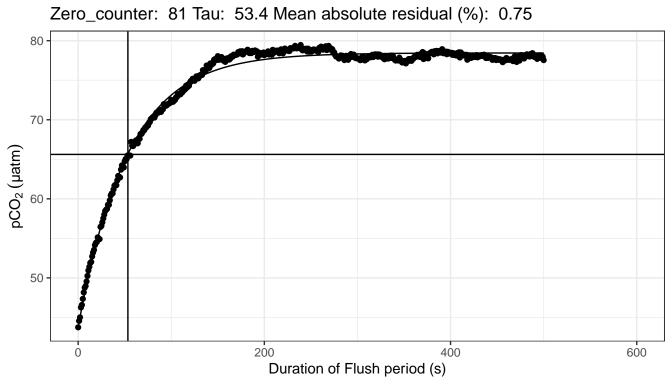


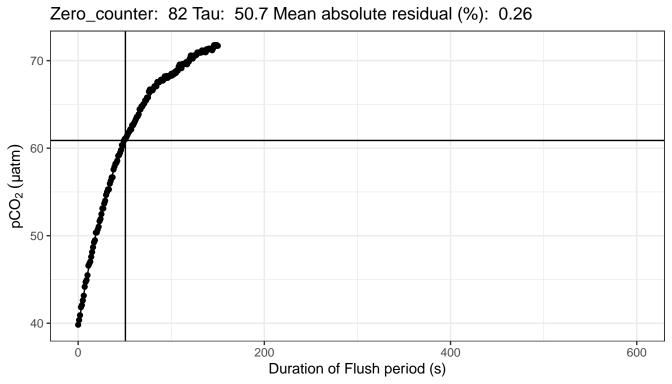


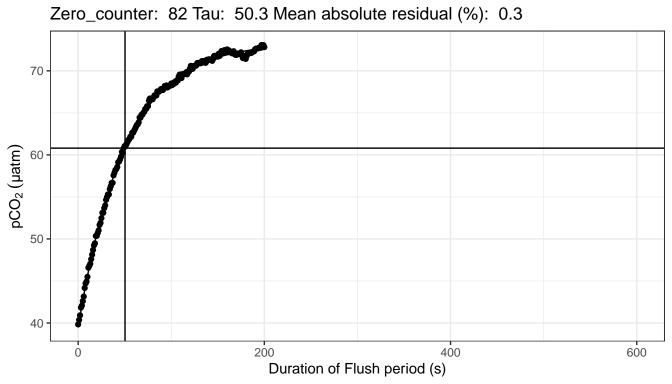


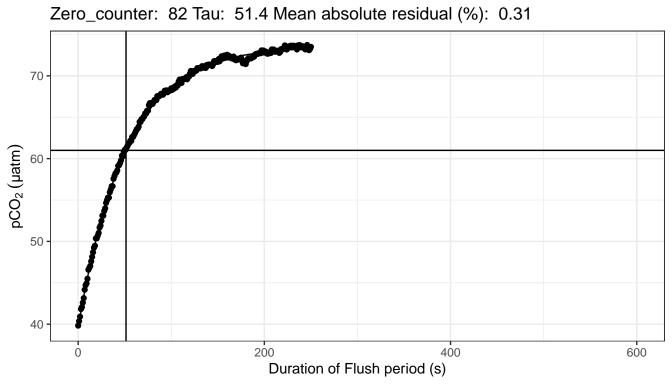


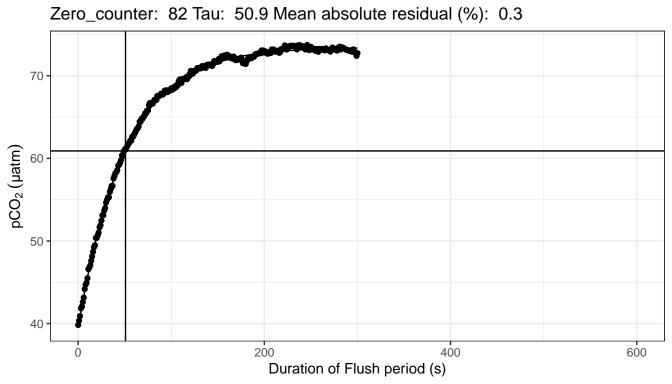


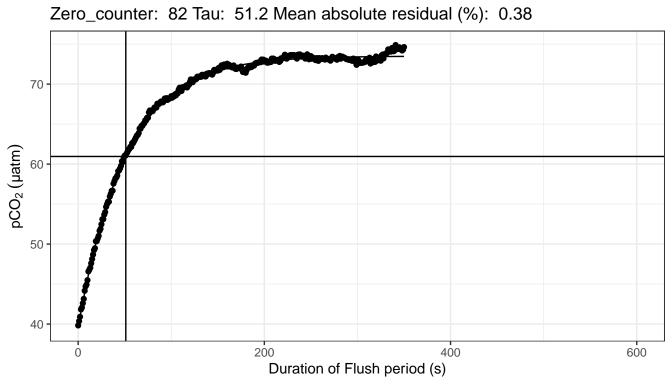


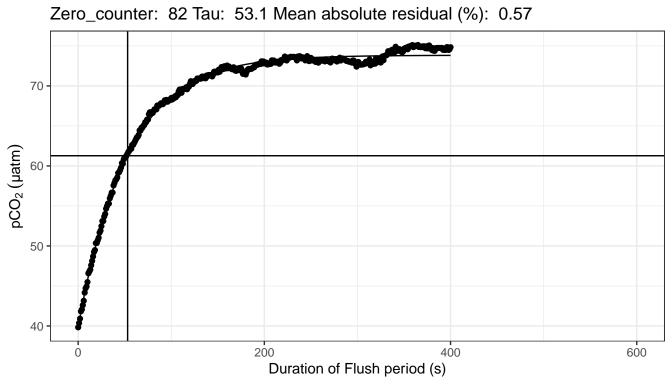


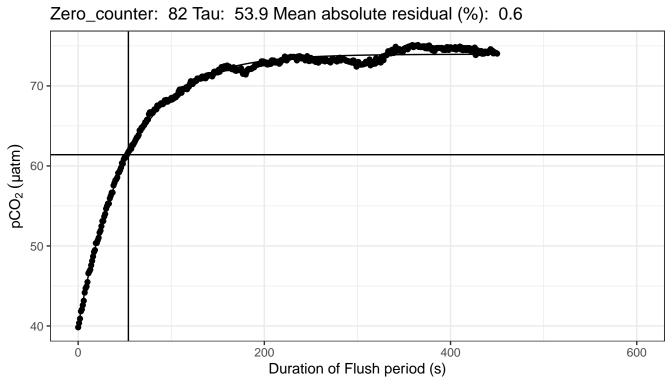


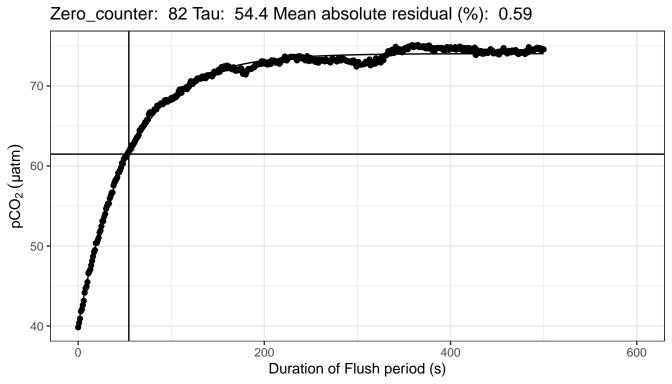


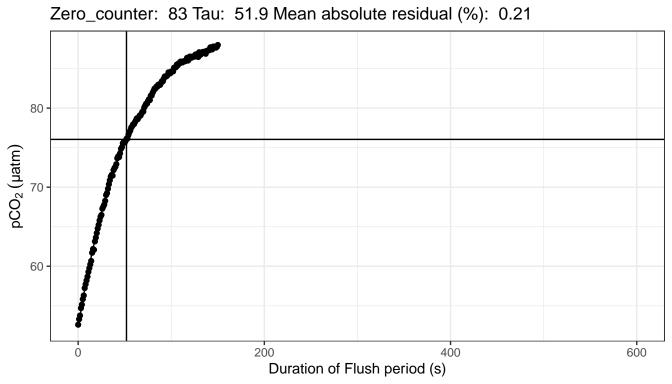


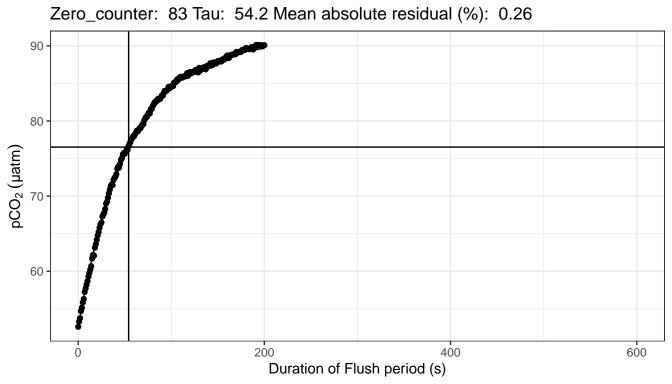


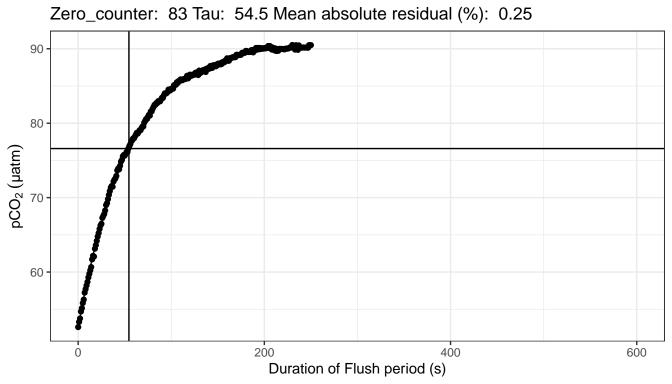


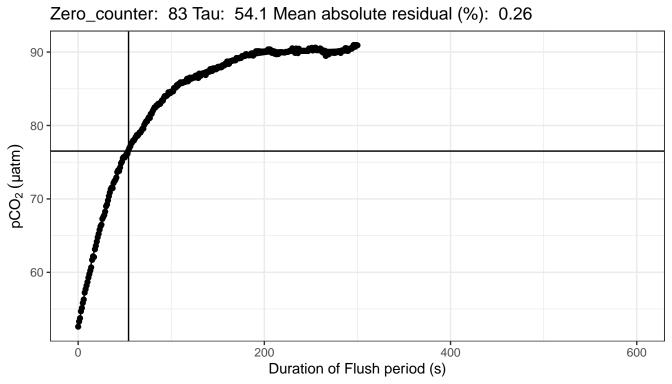


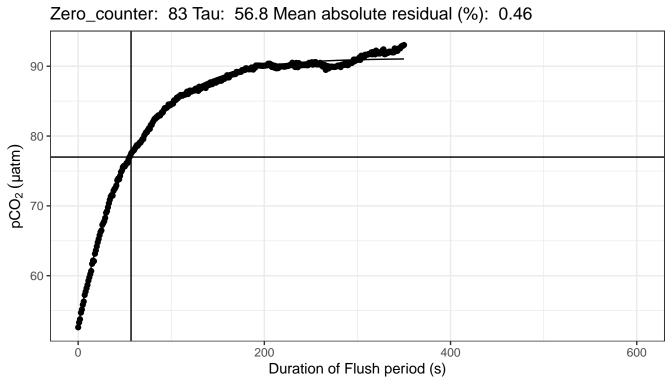


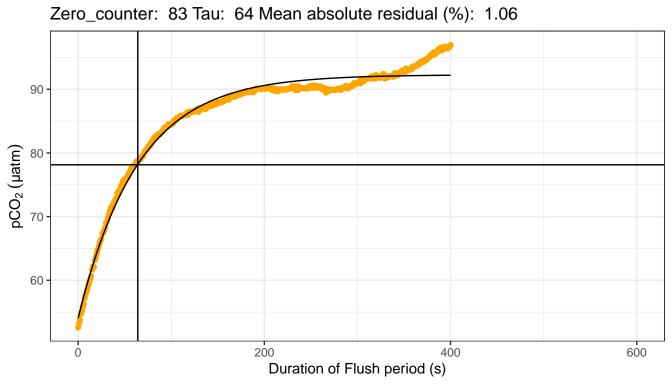


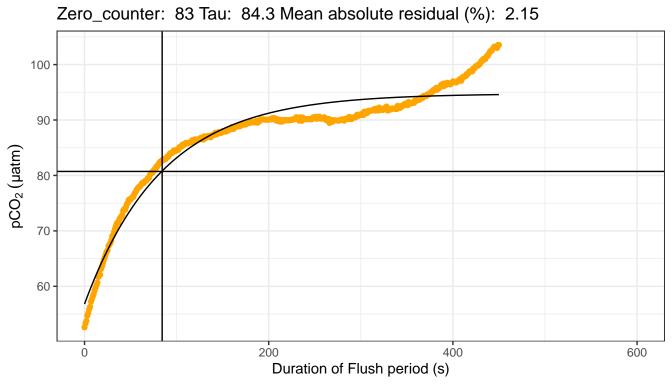


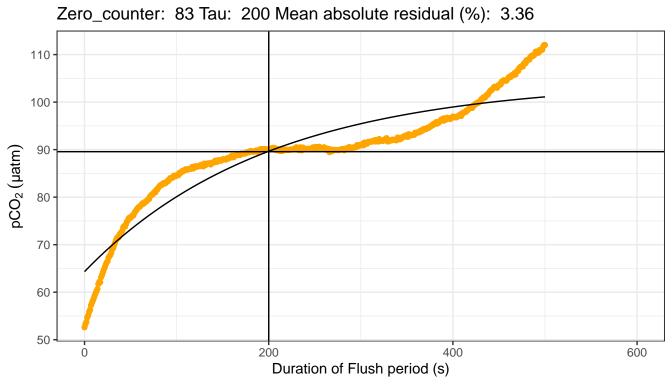


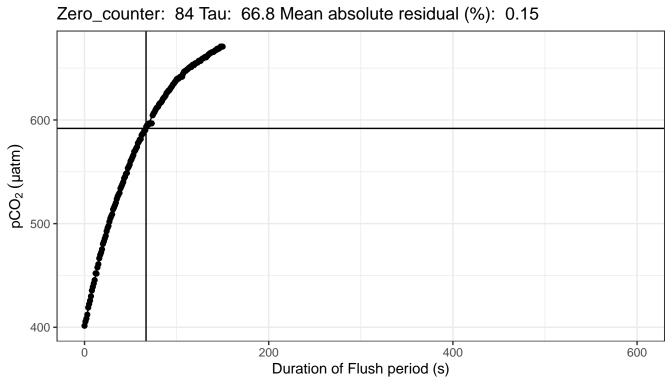


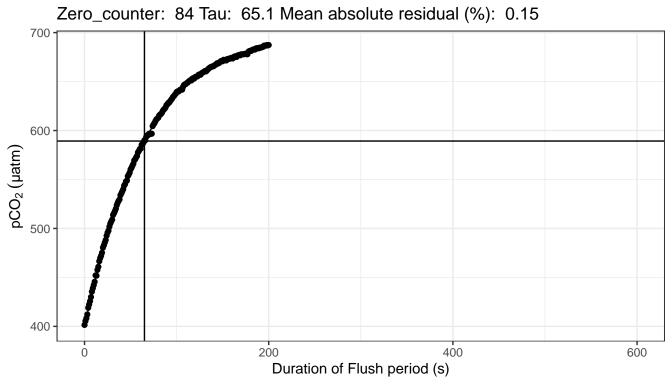


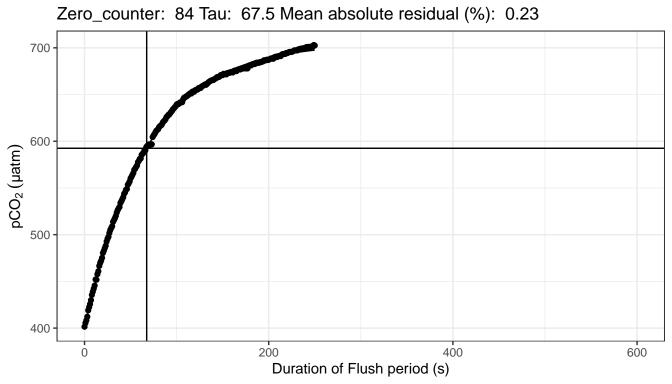


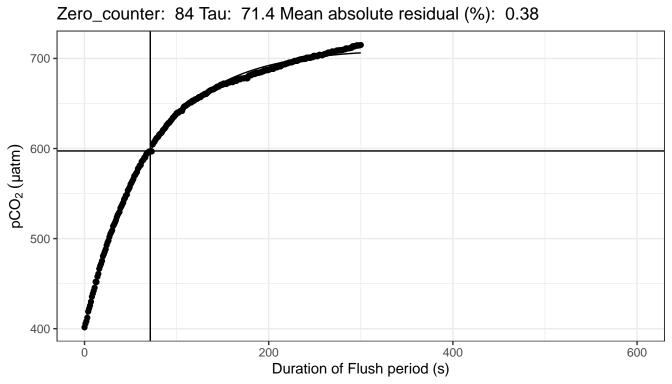


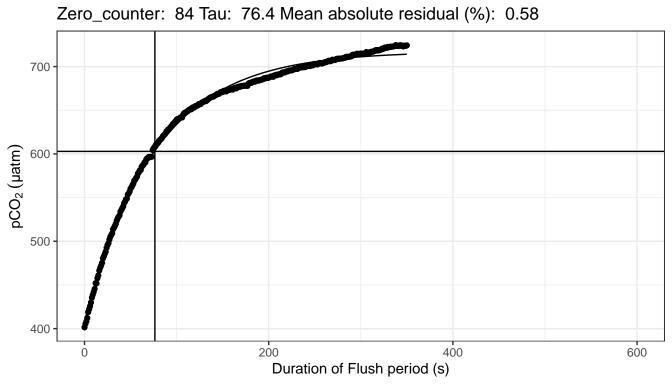


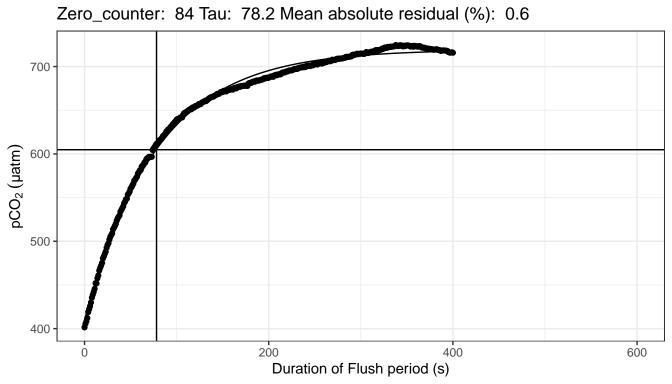


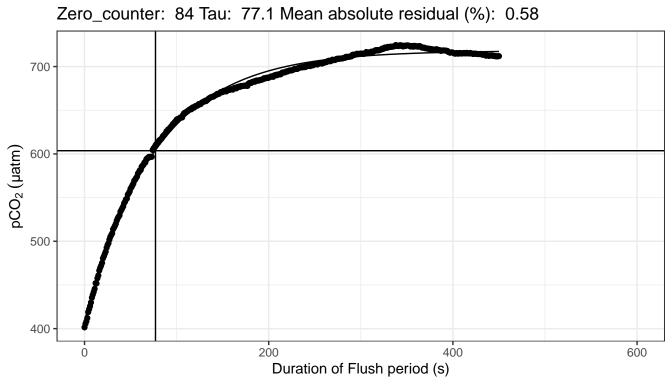


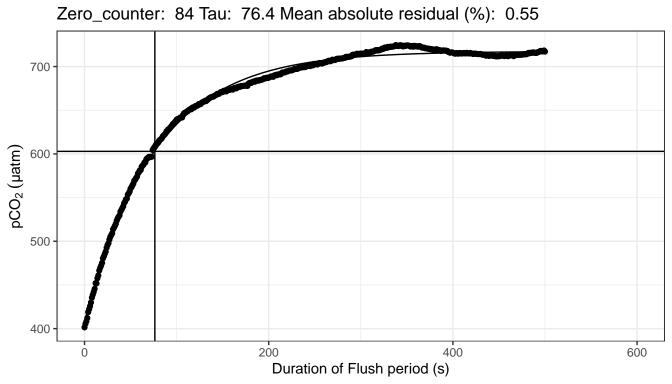


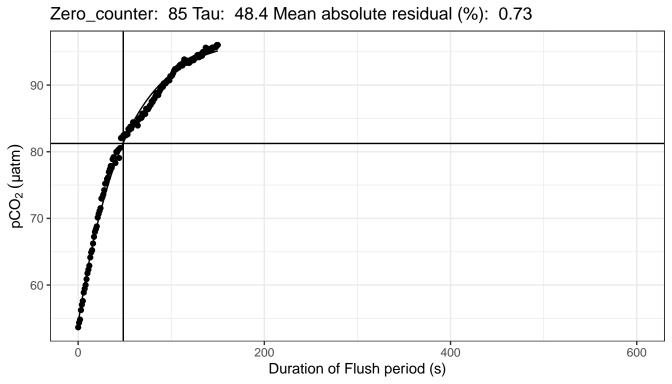


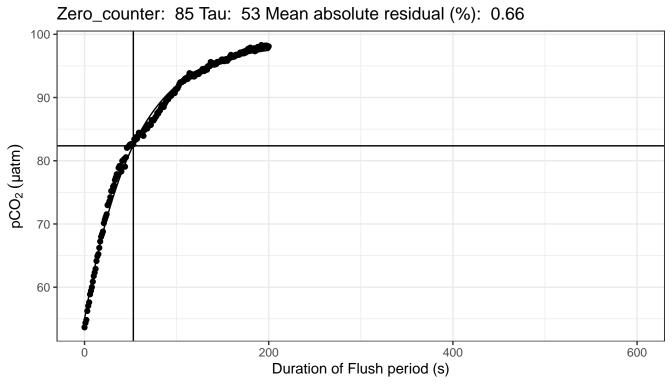


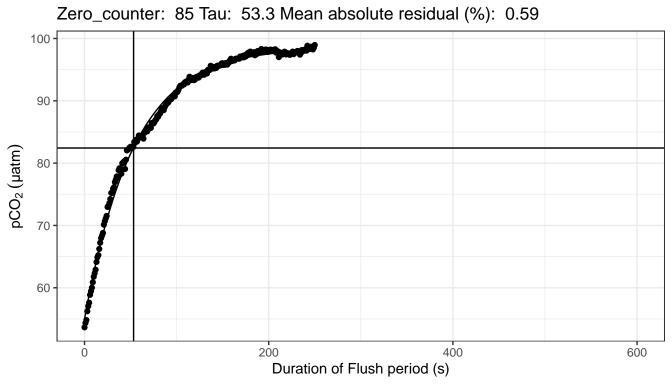


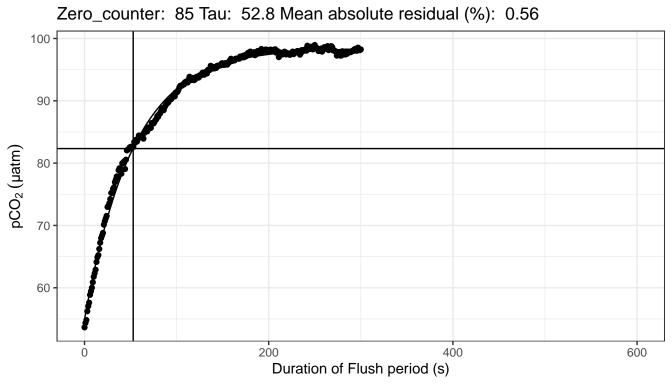


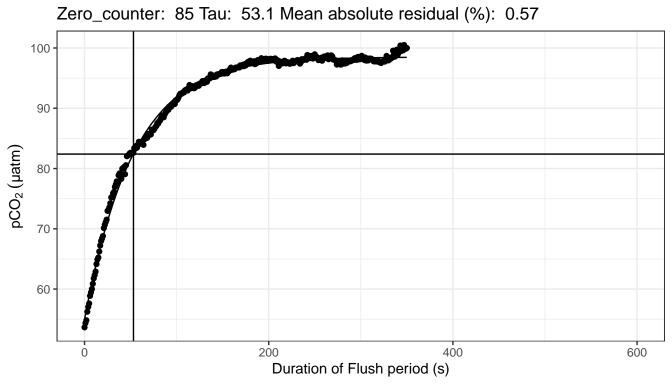


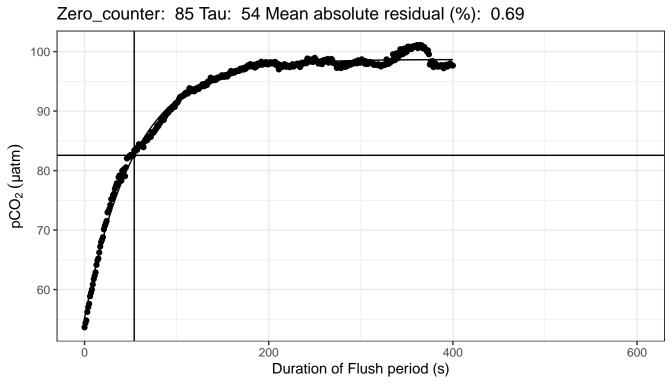


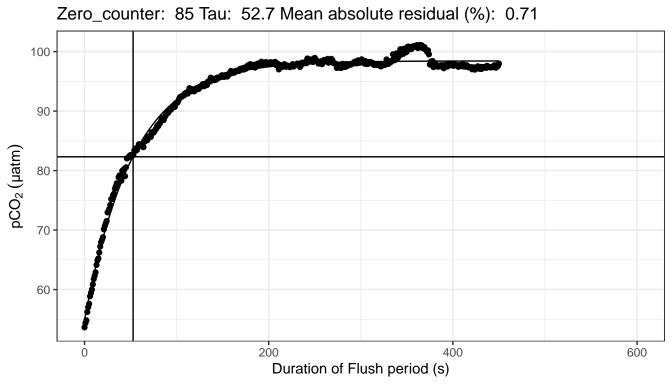


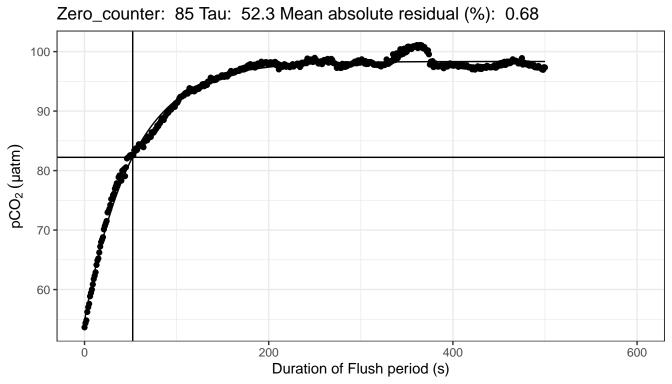


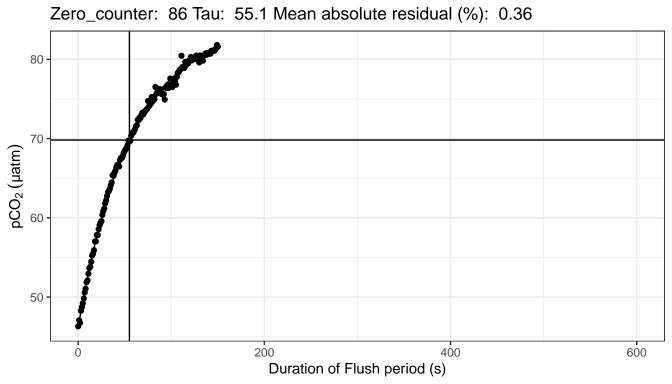


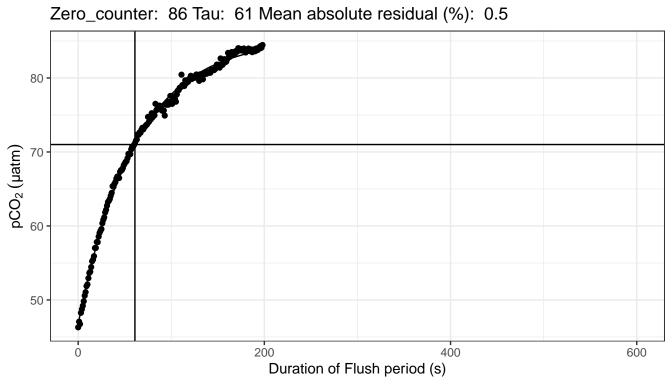


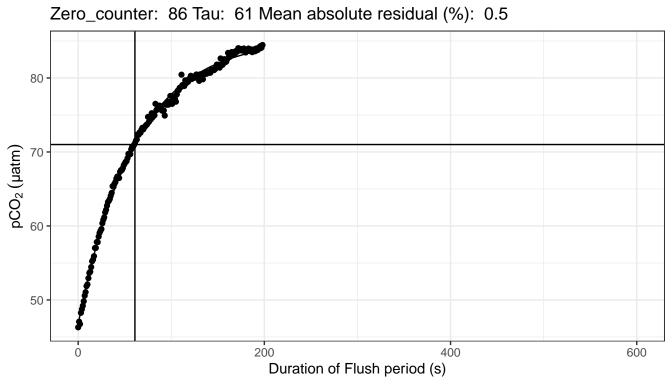


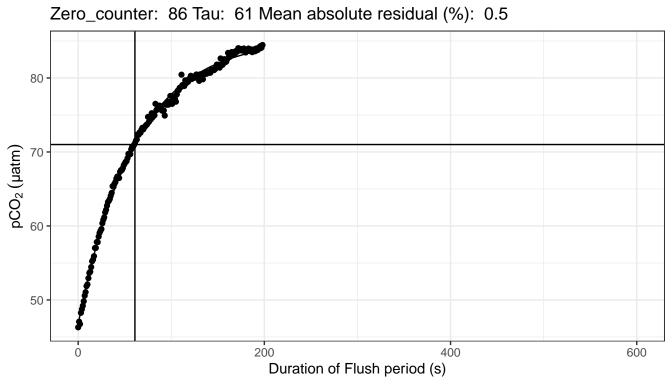


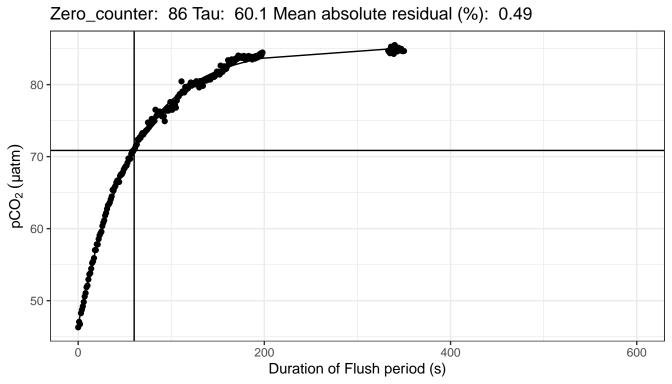


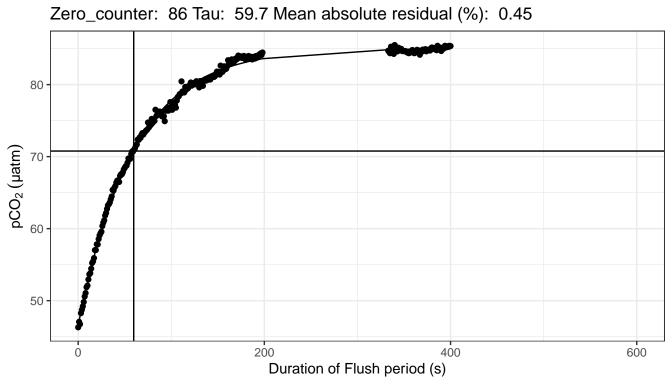


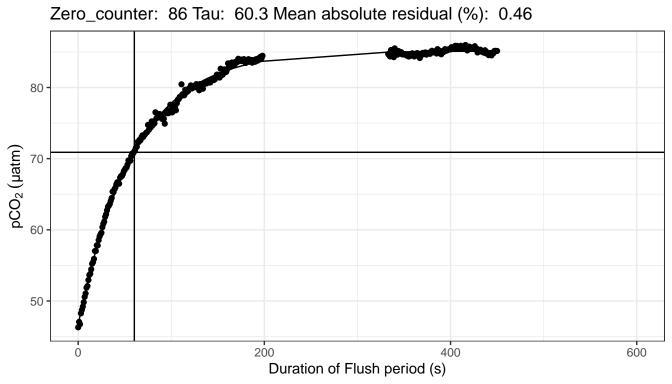


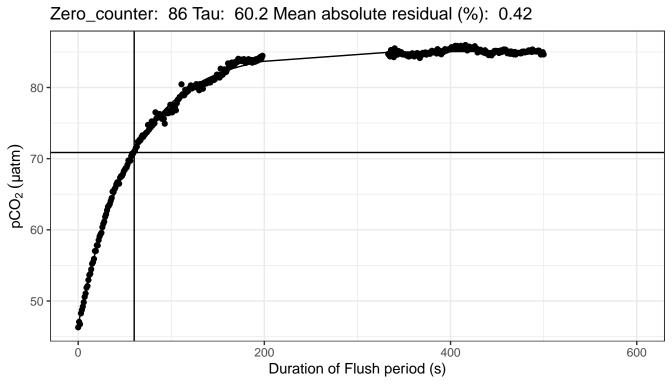


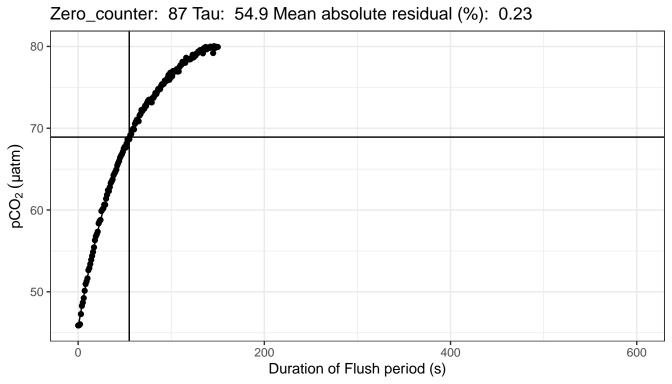


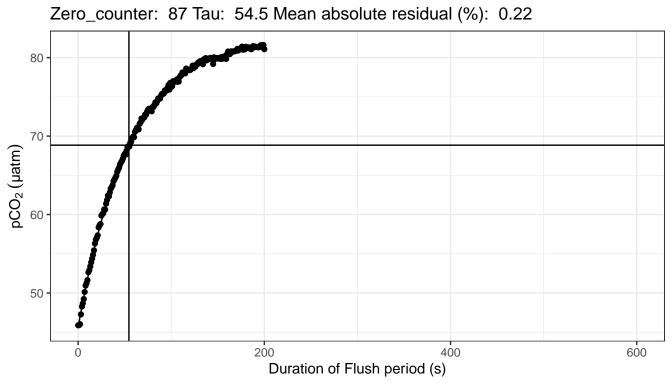


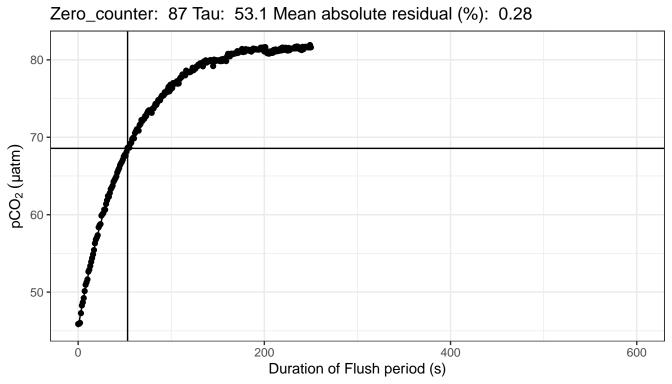


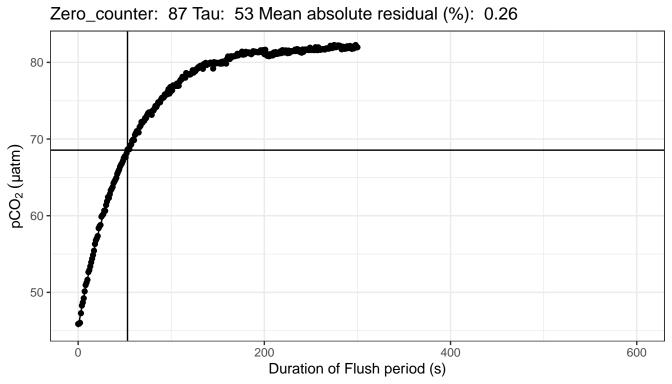


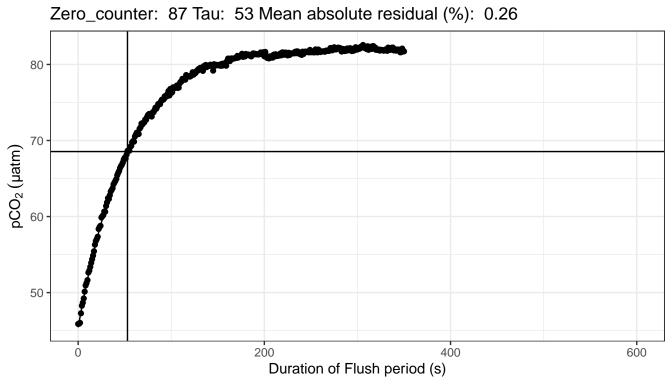


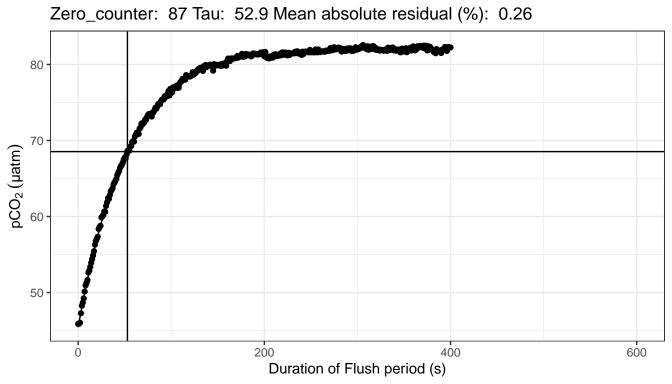


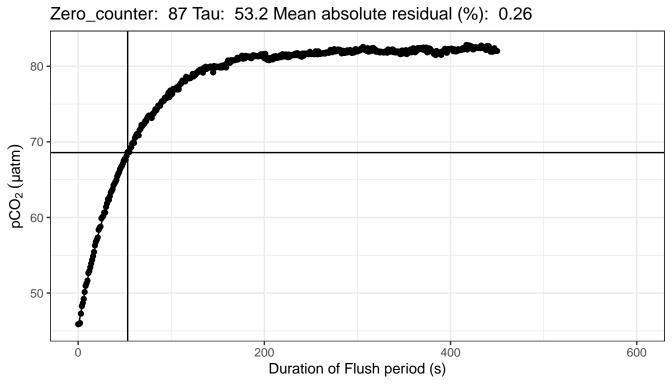


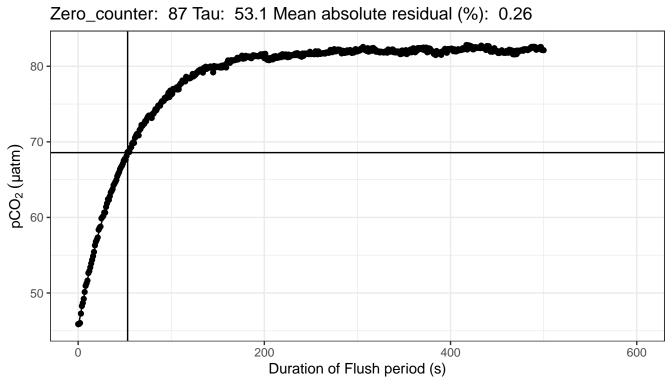


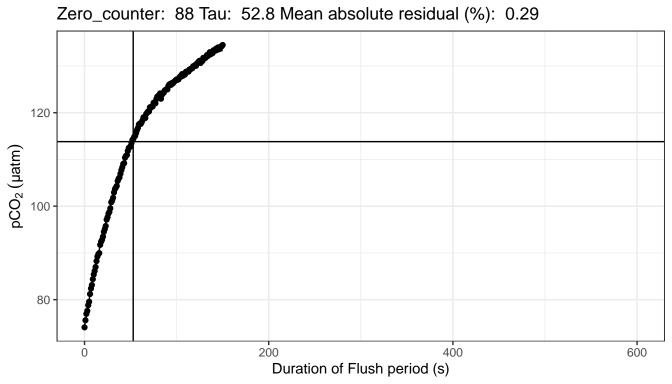


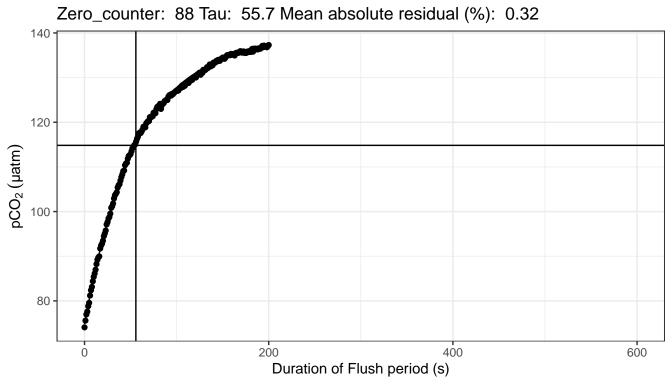


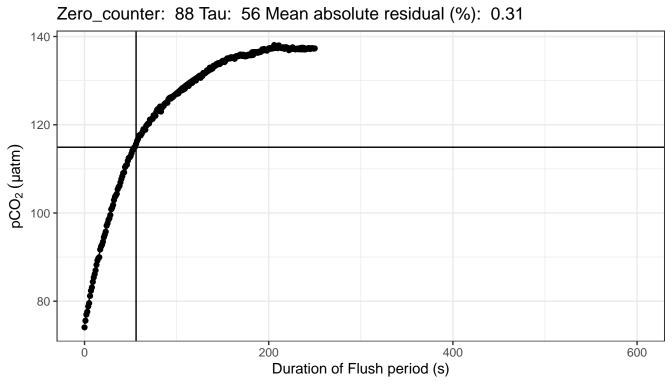


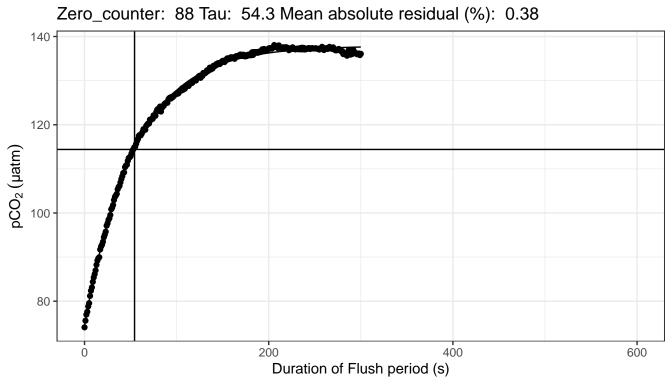


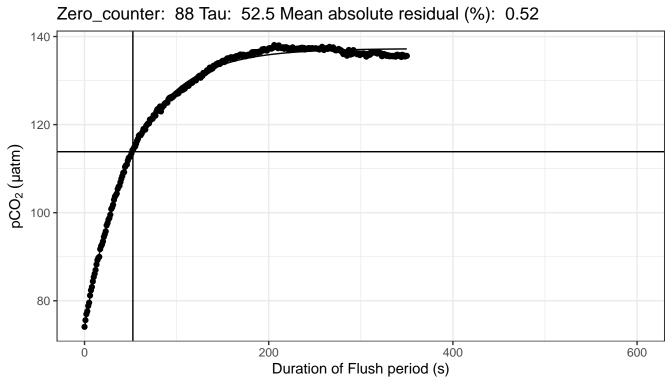


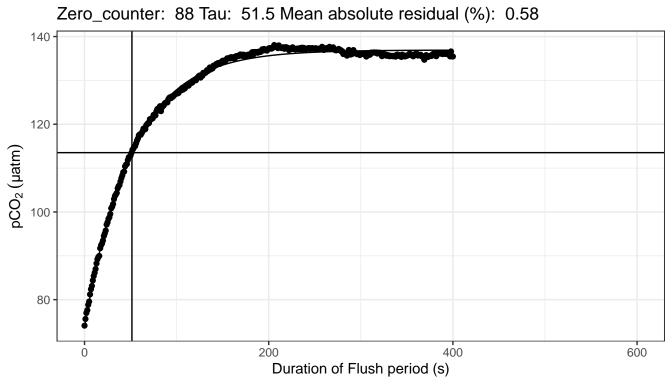


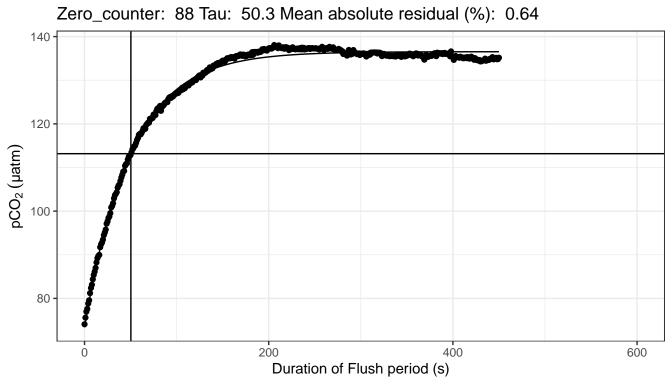


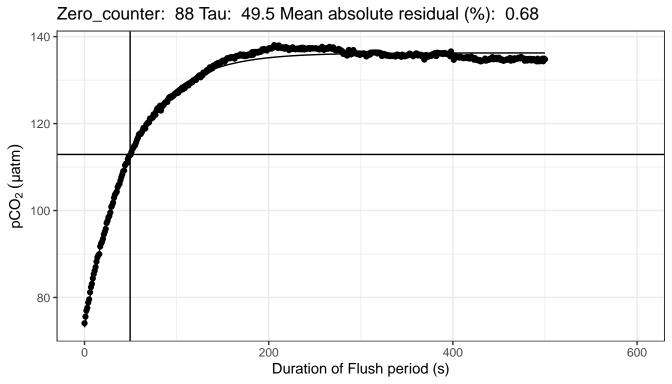


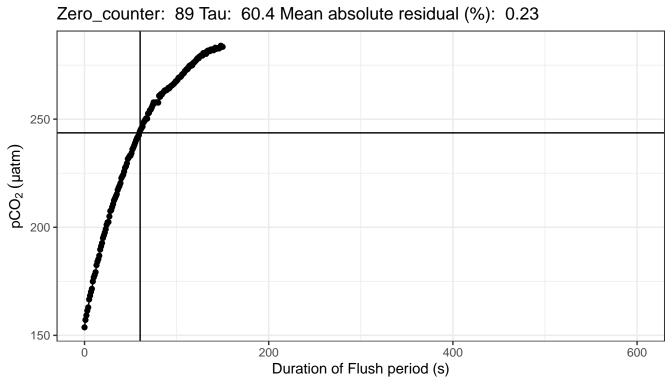


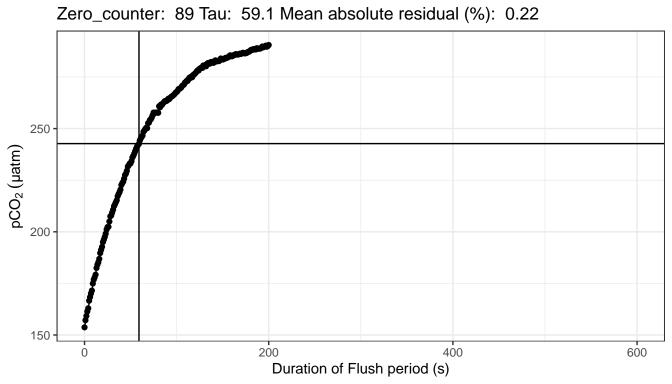


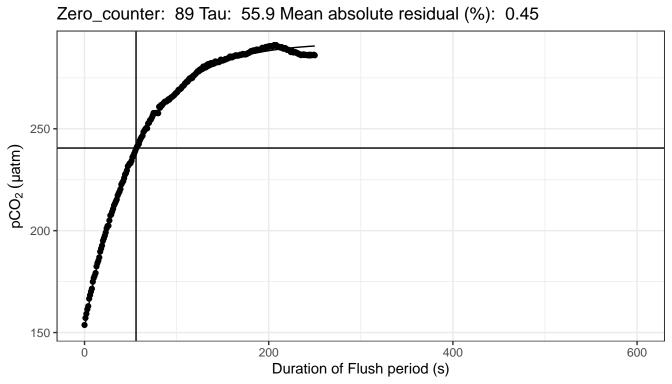


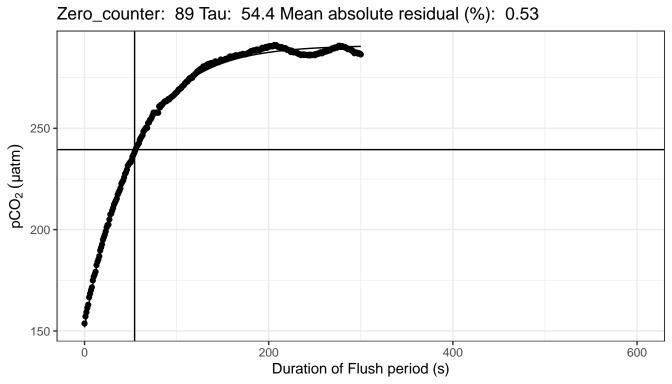


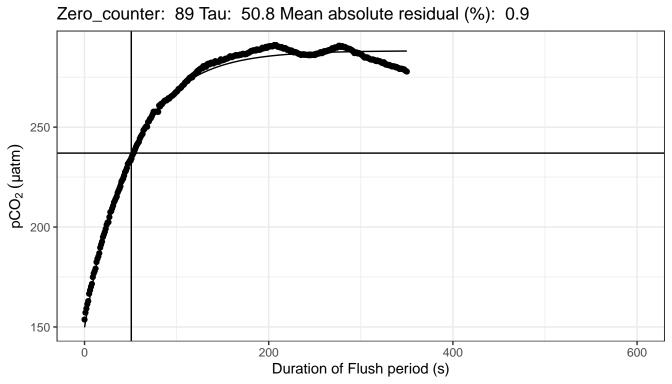


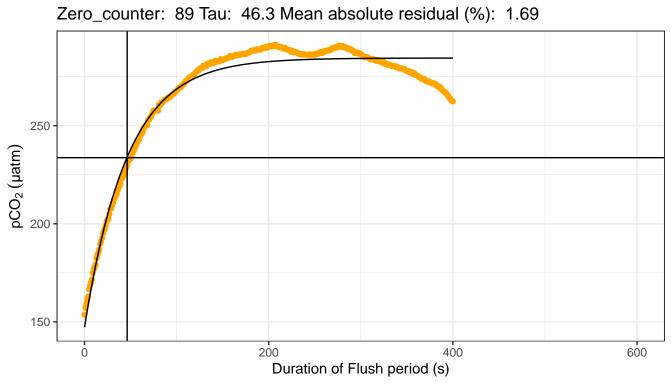


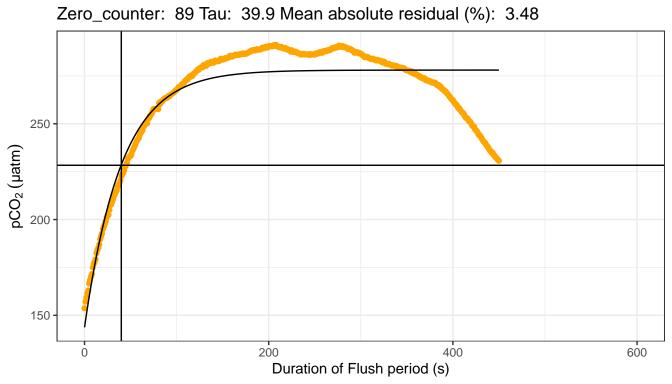


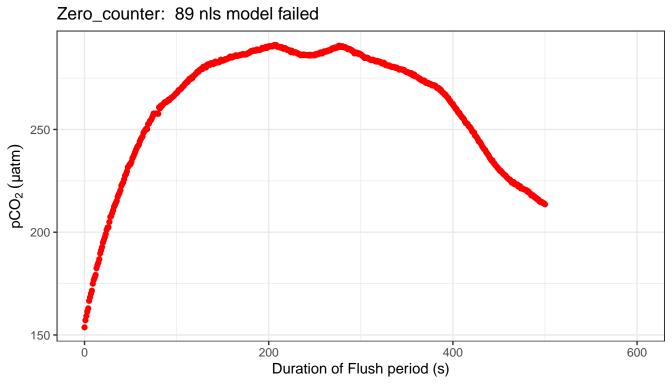


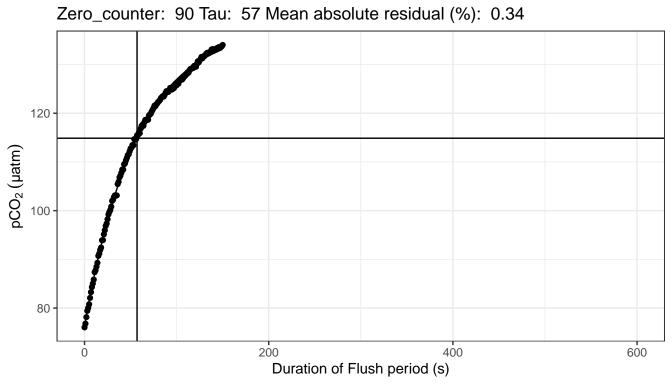


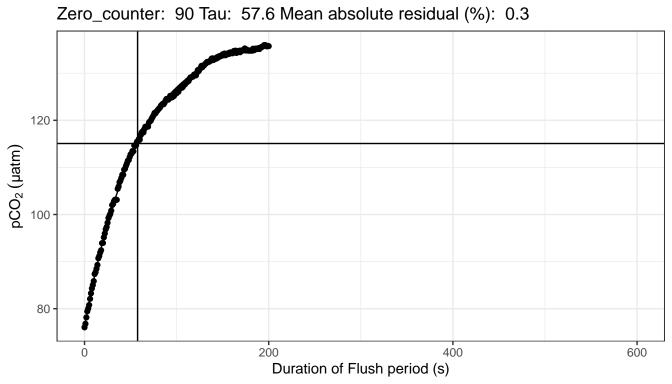


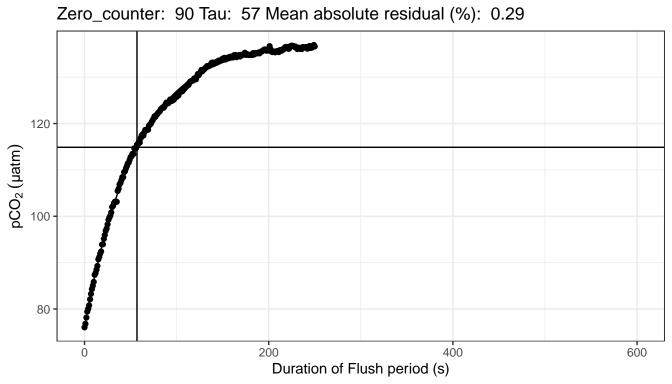


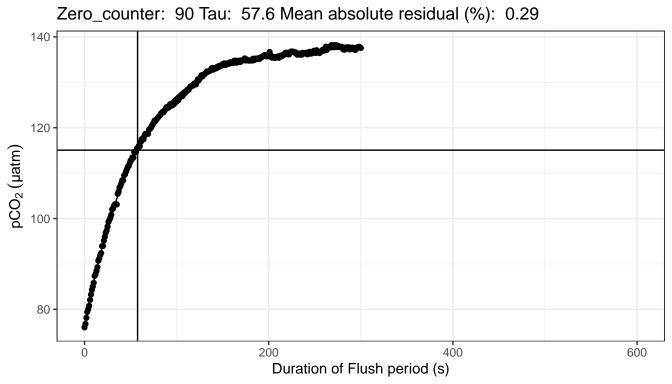


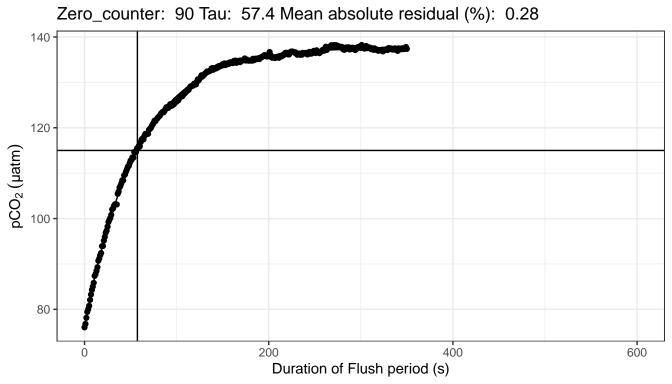


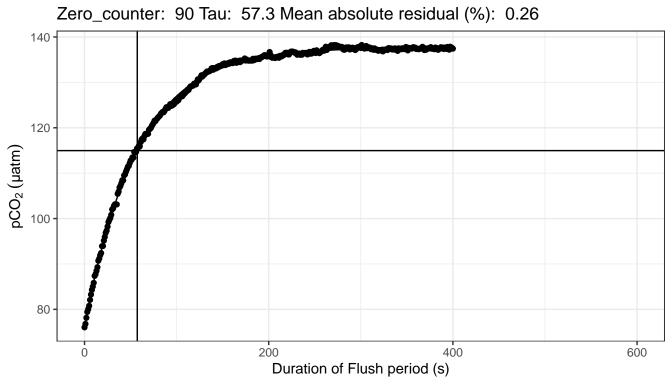


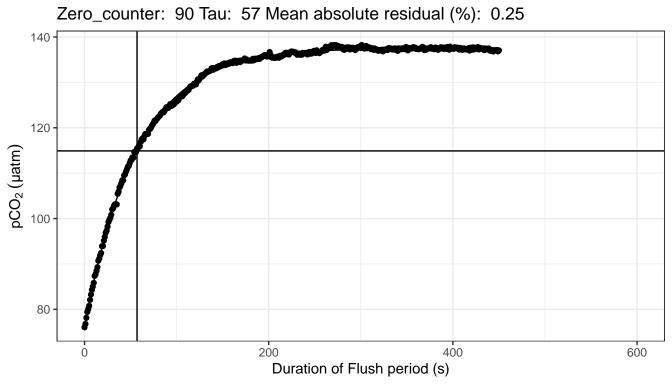


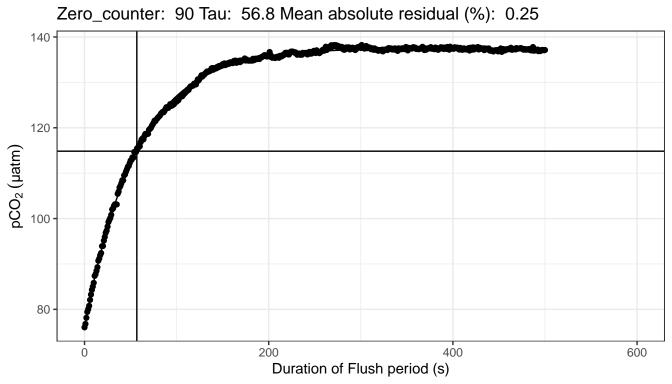


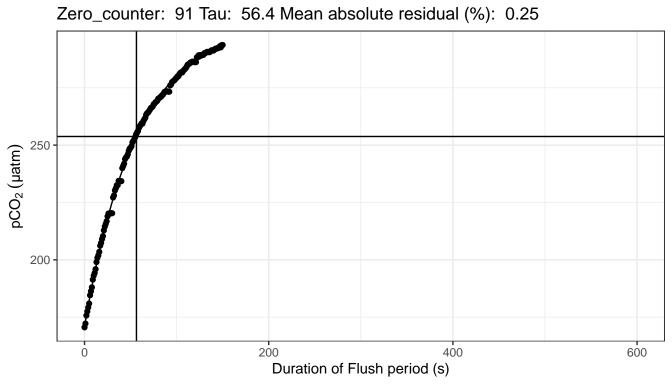


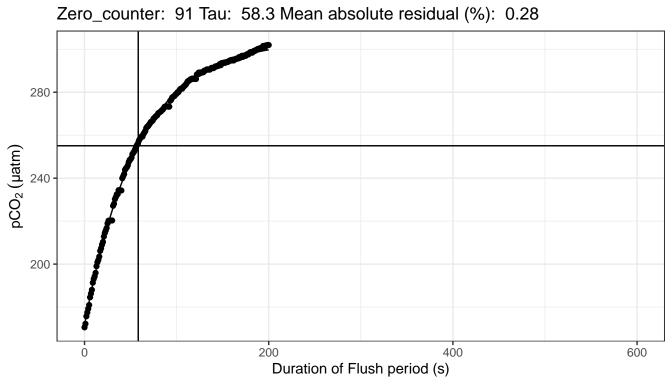


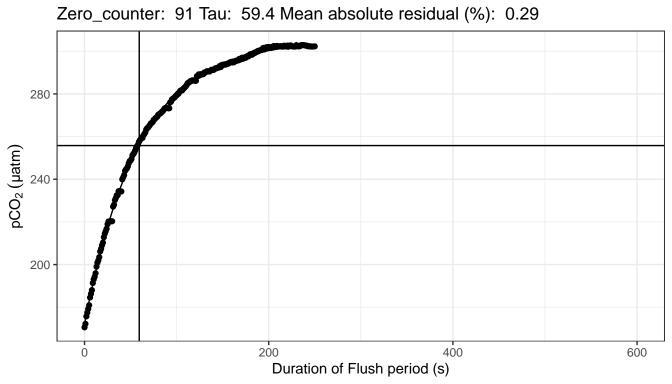


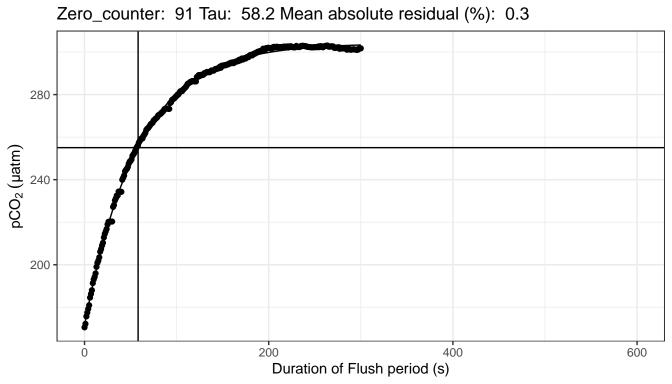


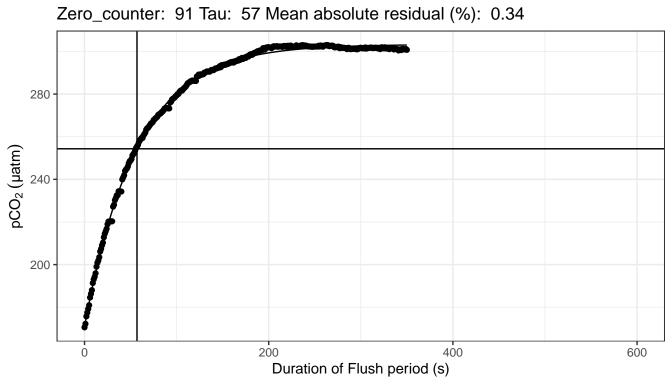


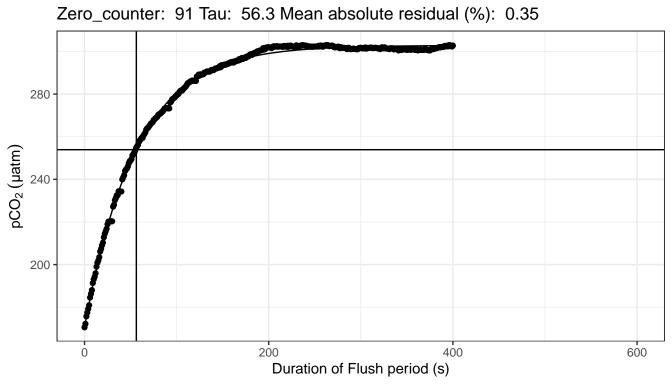


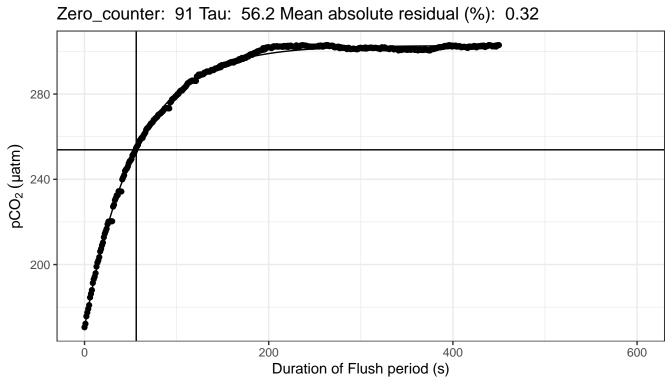


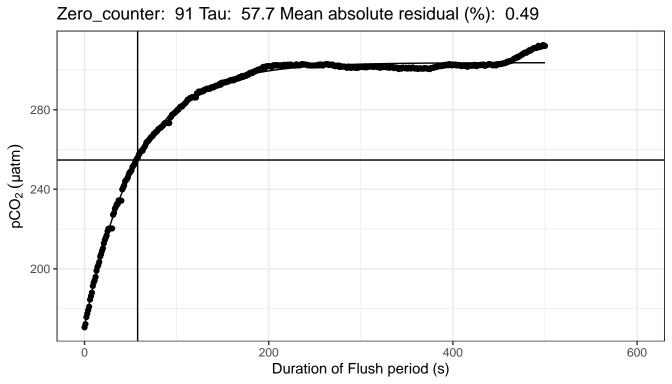


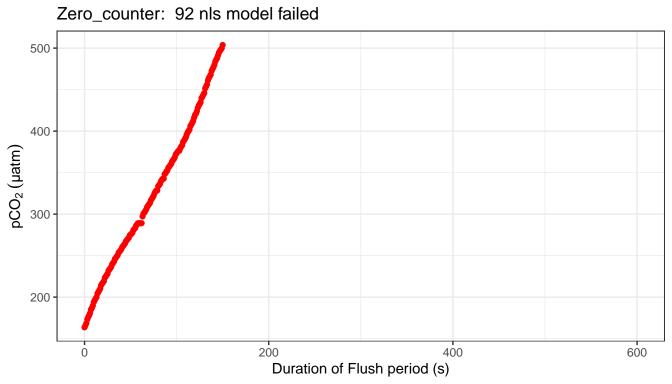


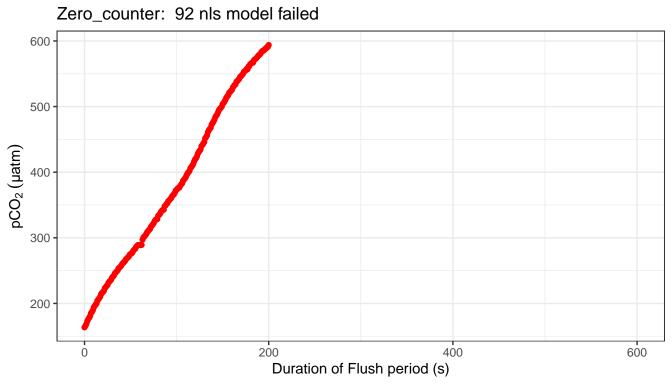


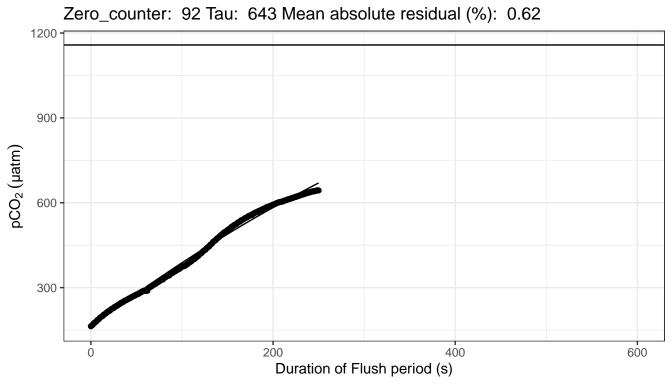




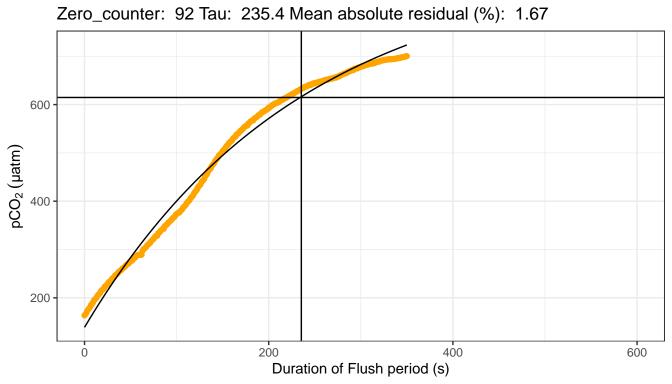


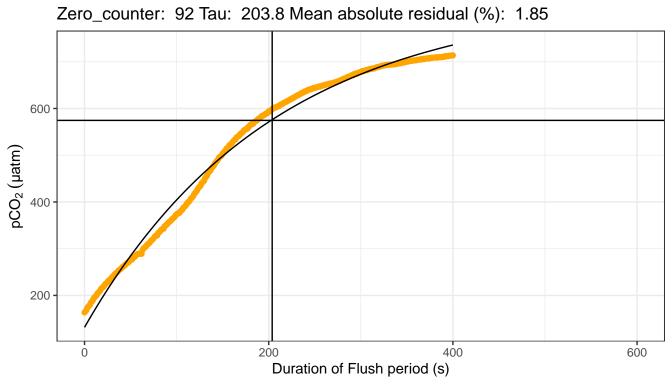


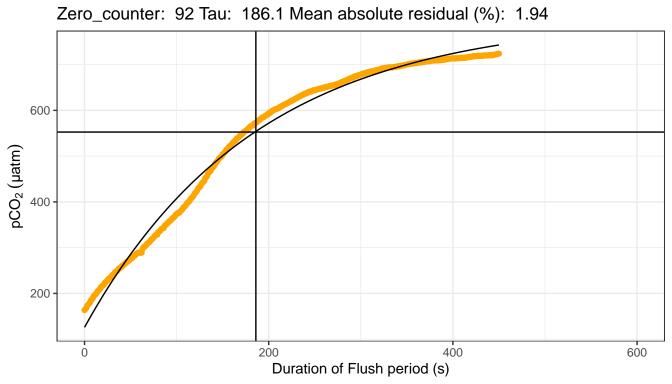


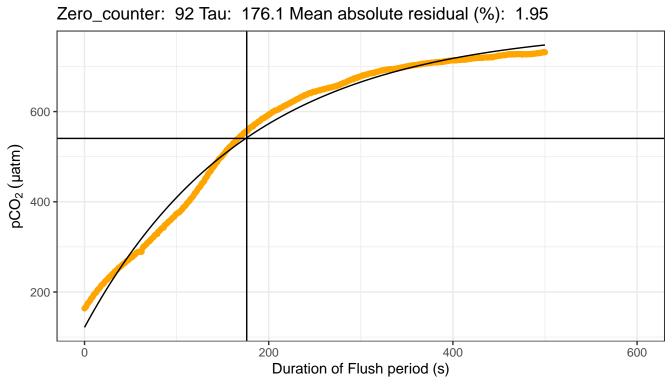


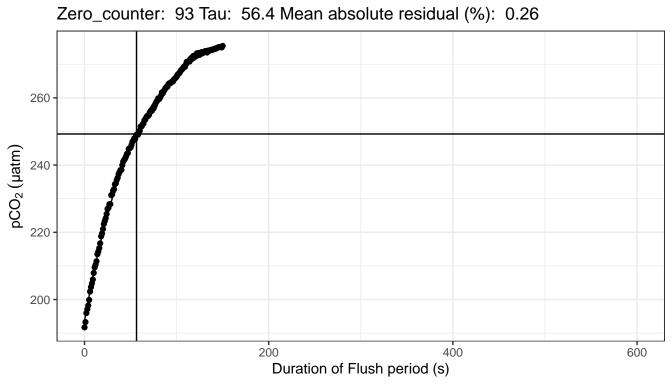
Zero_counter: 92 Tau: 302.6 Mean absolute residual (%): 1.39 pCO_2 (µatm) Duration of Flush period (s)

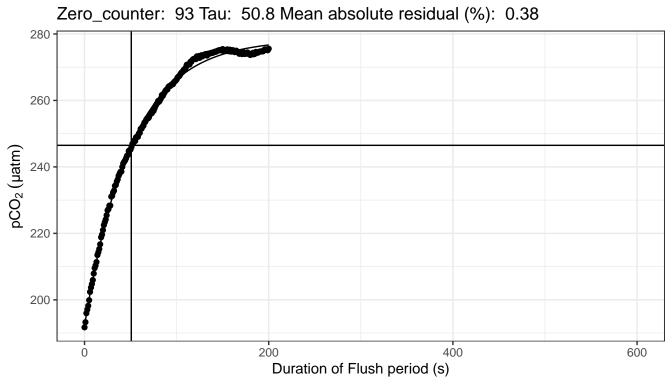


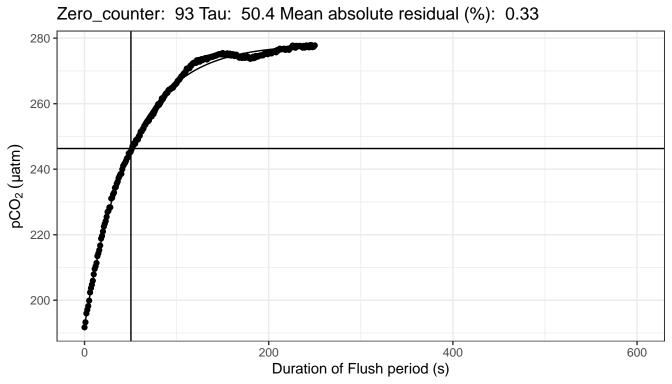












Zero_counter: 93 Tau: 50.7 Mean absolute residual (%): 0.3 pCO_2 (µatm) Duration of Flush period (s)

Zero_counter: 93 Tau: 48.4 Mean absolute residual (%): 0.46 pCO₂ (µatm) Duration of Flush period (s)

