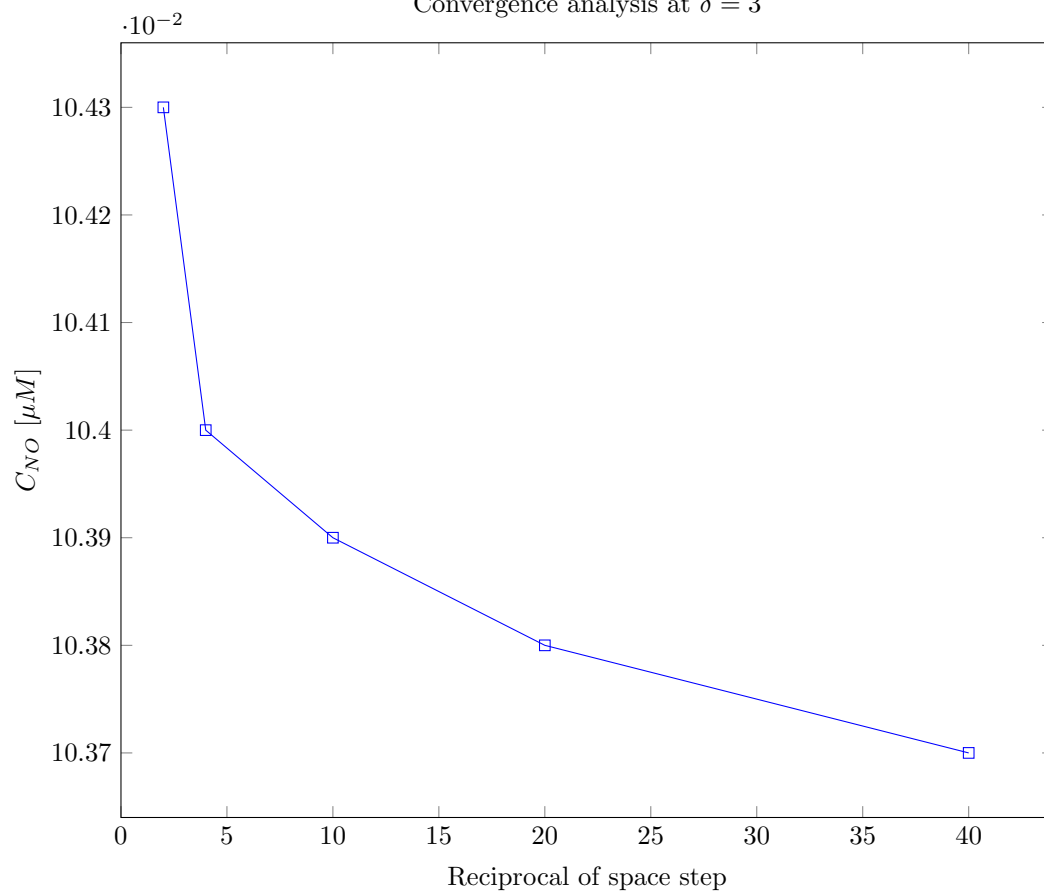
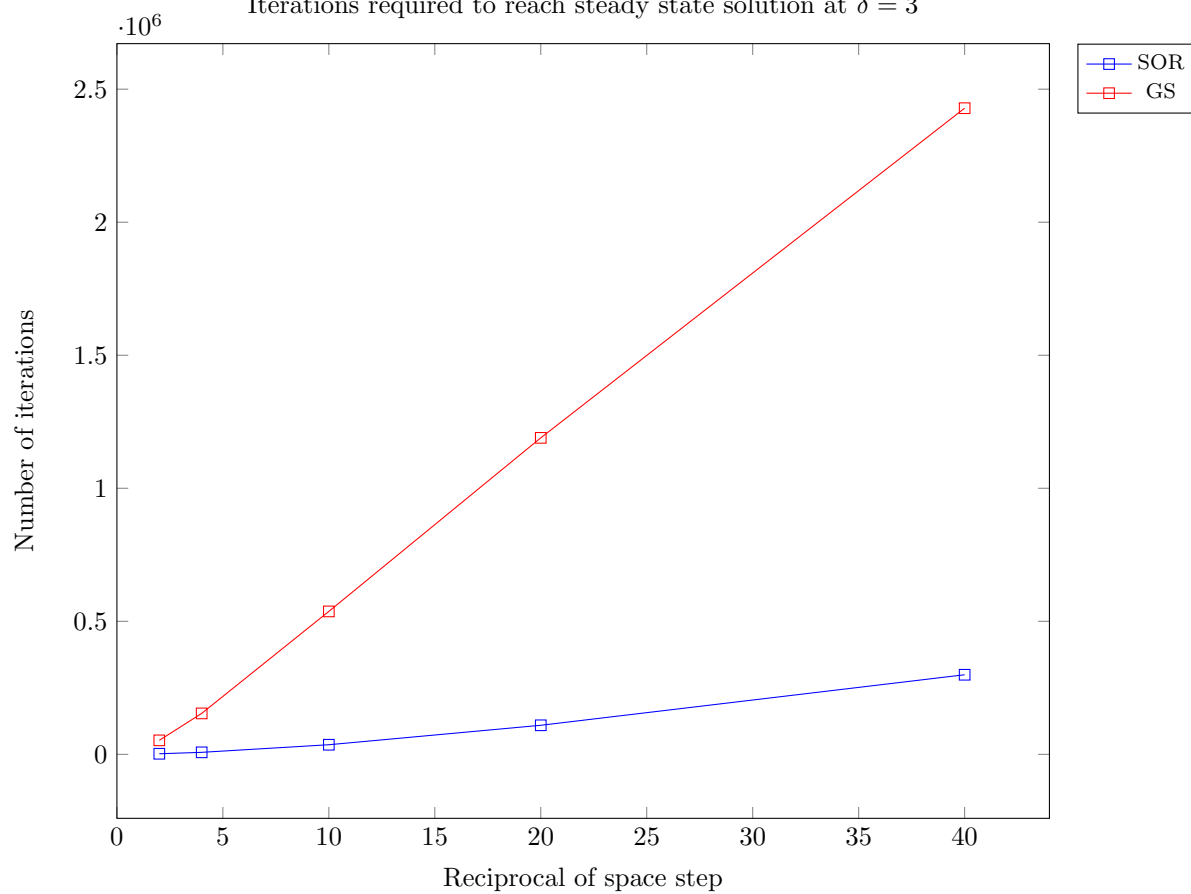
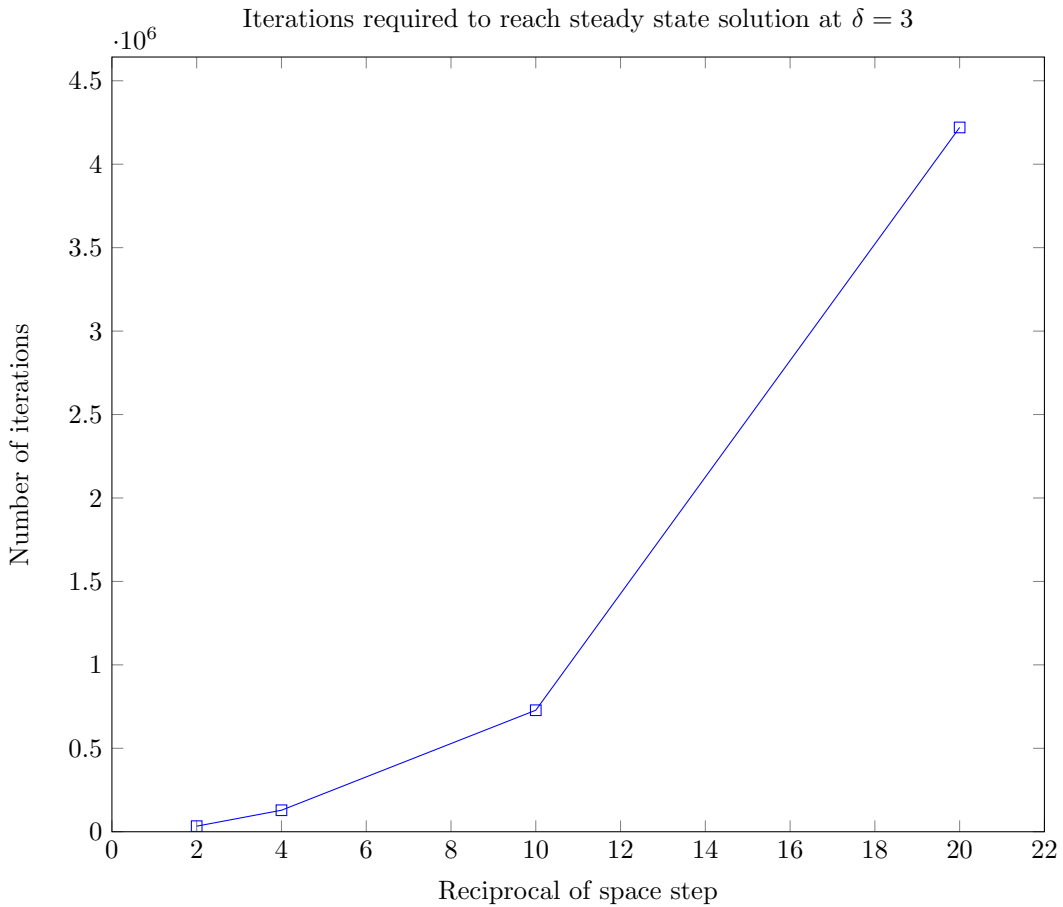
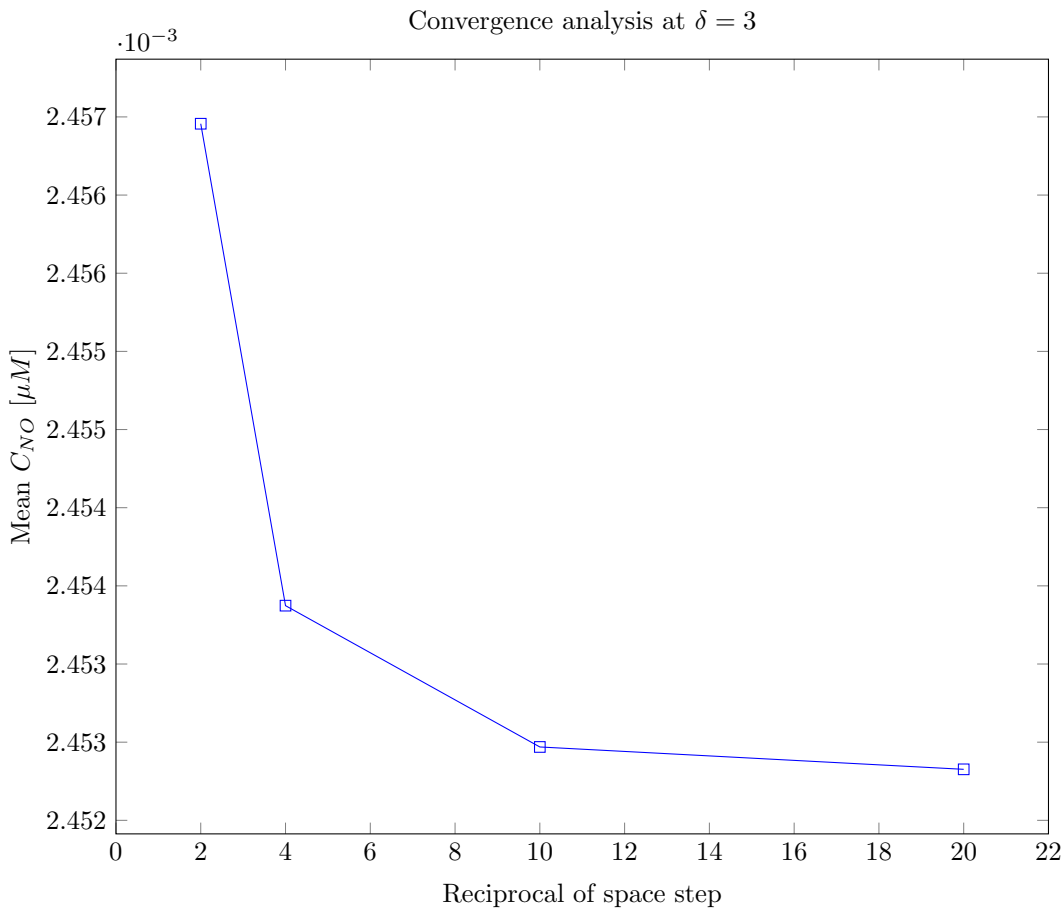
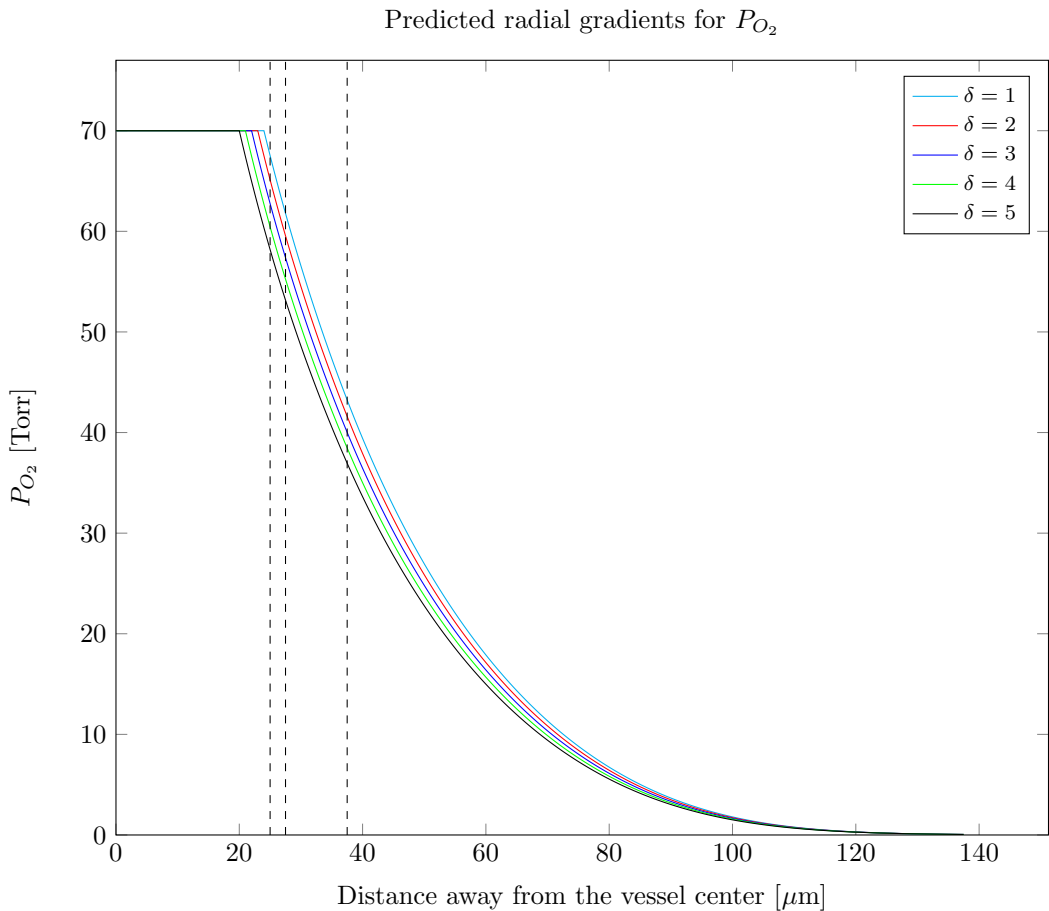
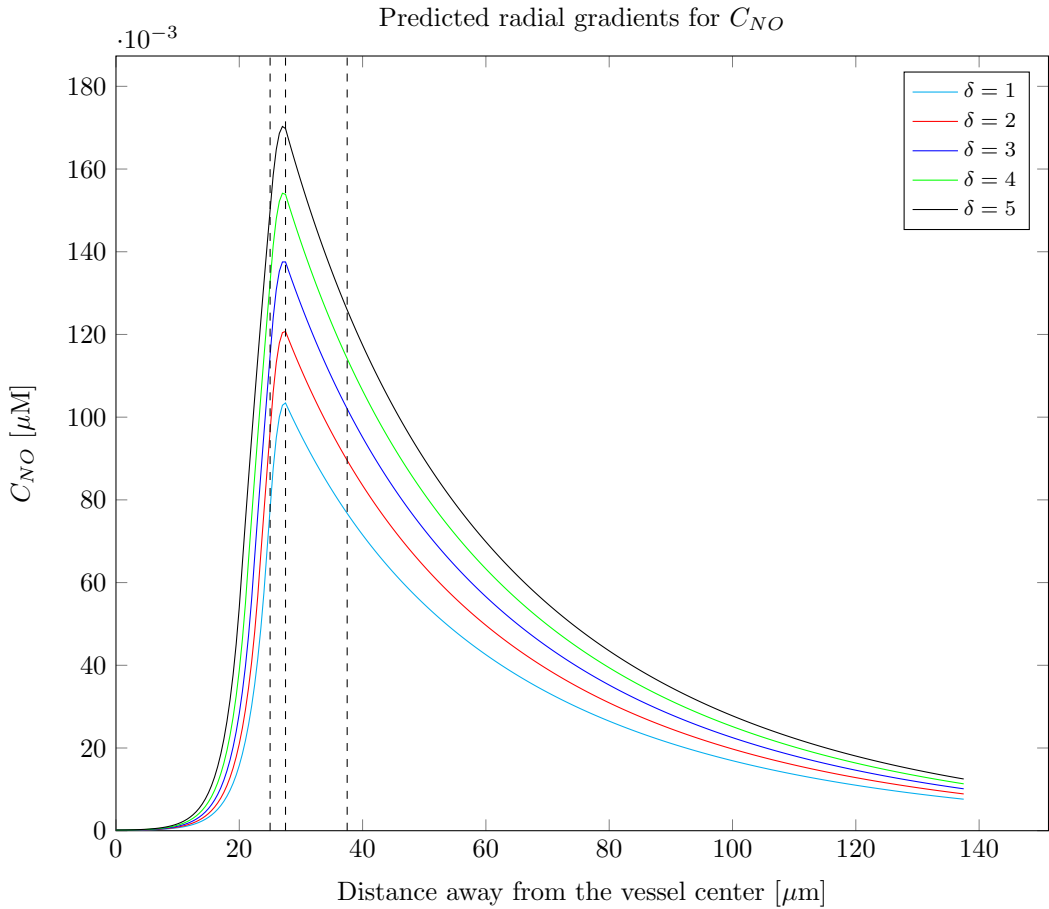


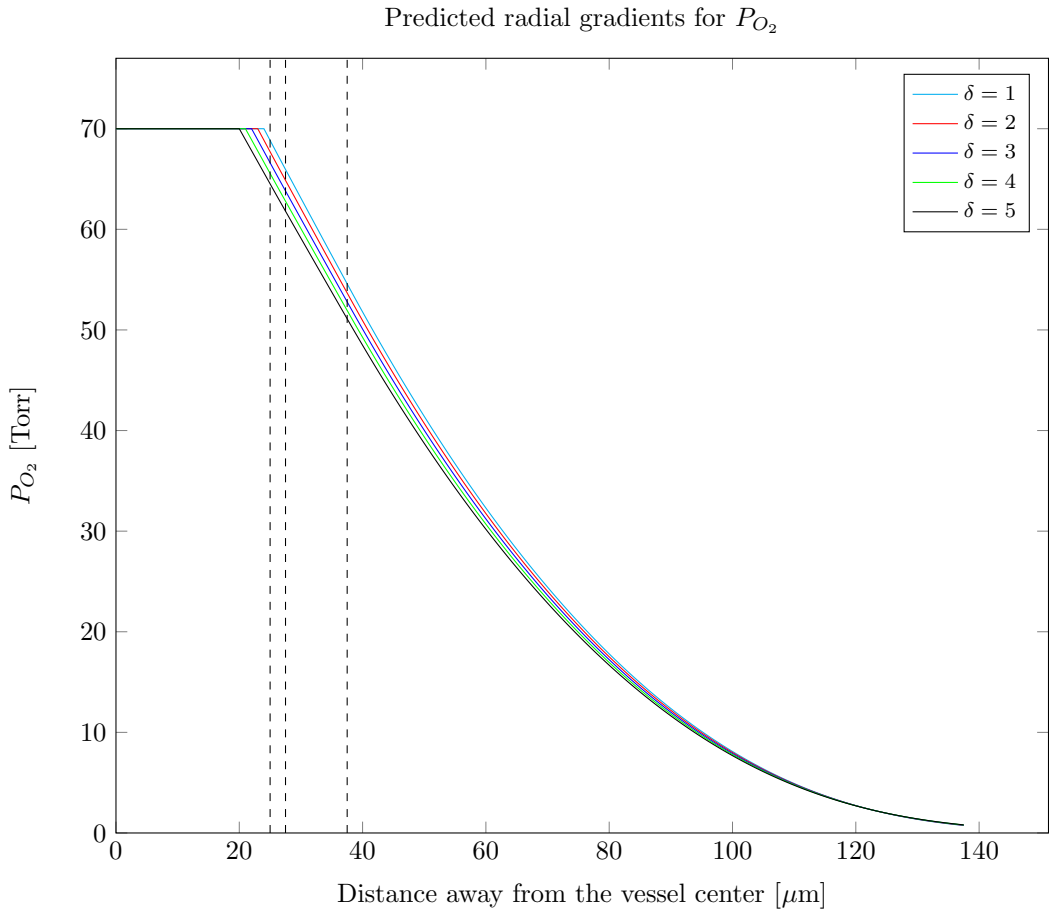
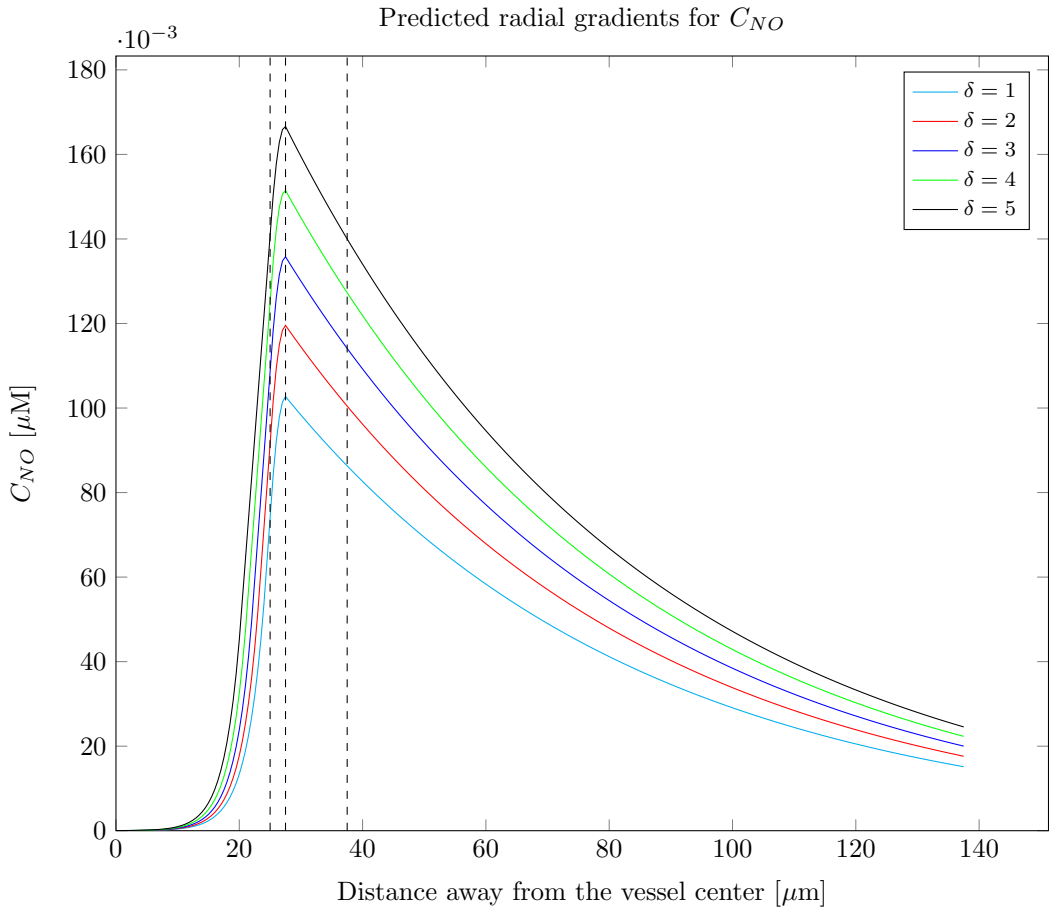
Convergence analysis at $\delta = 3$ Iterations required to reach steady state solution at $\delta = 3$ 



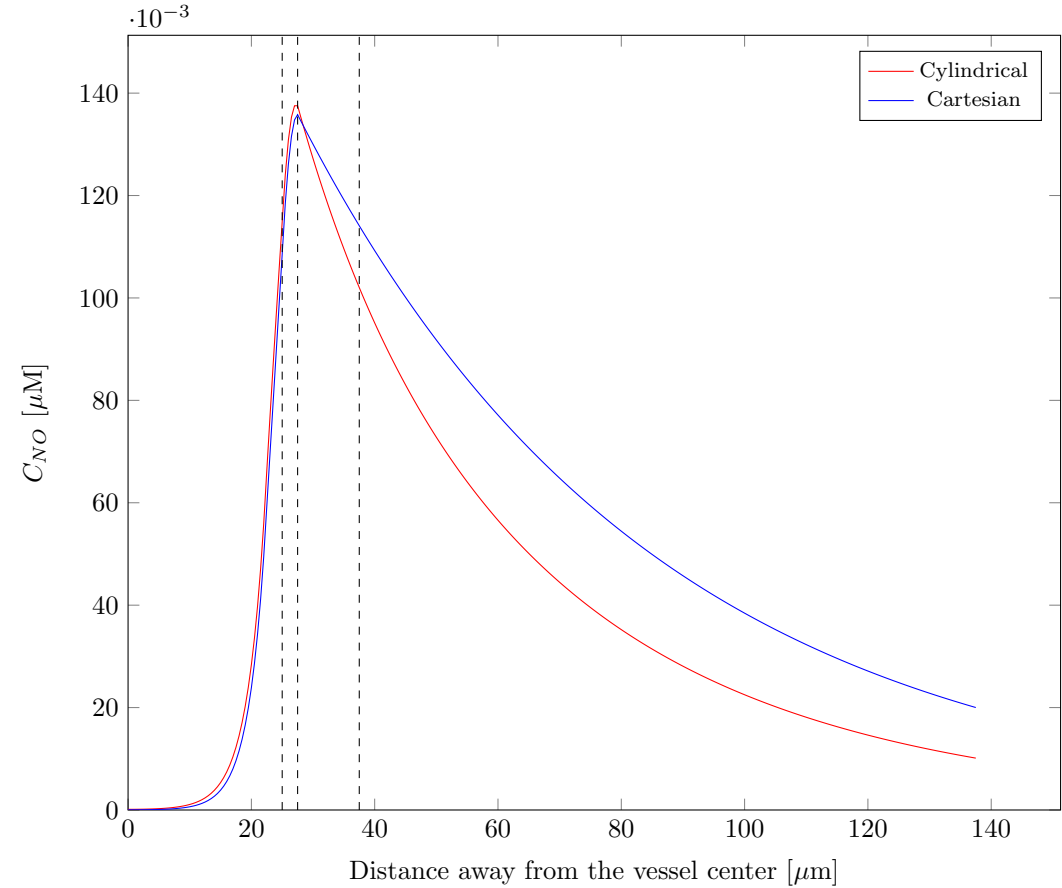
Polar $h = 0.5$



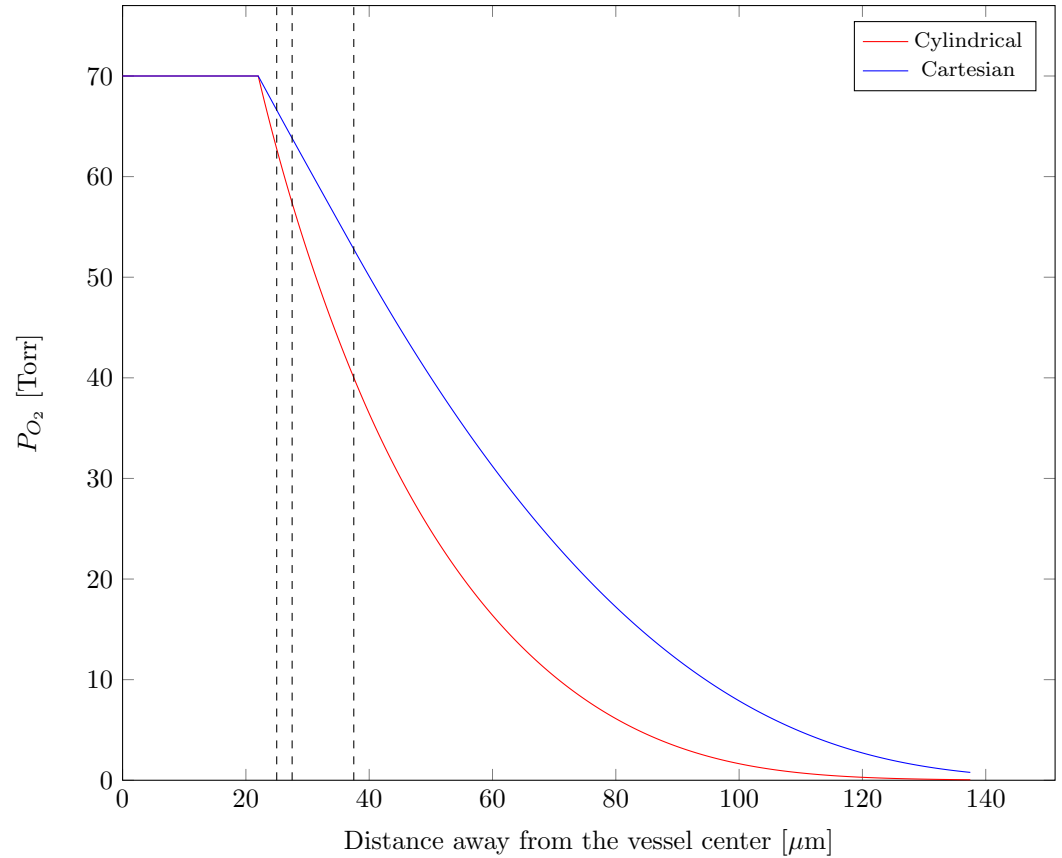
Cartesian $h = 0.5$



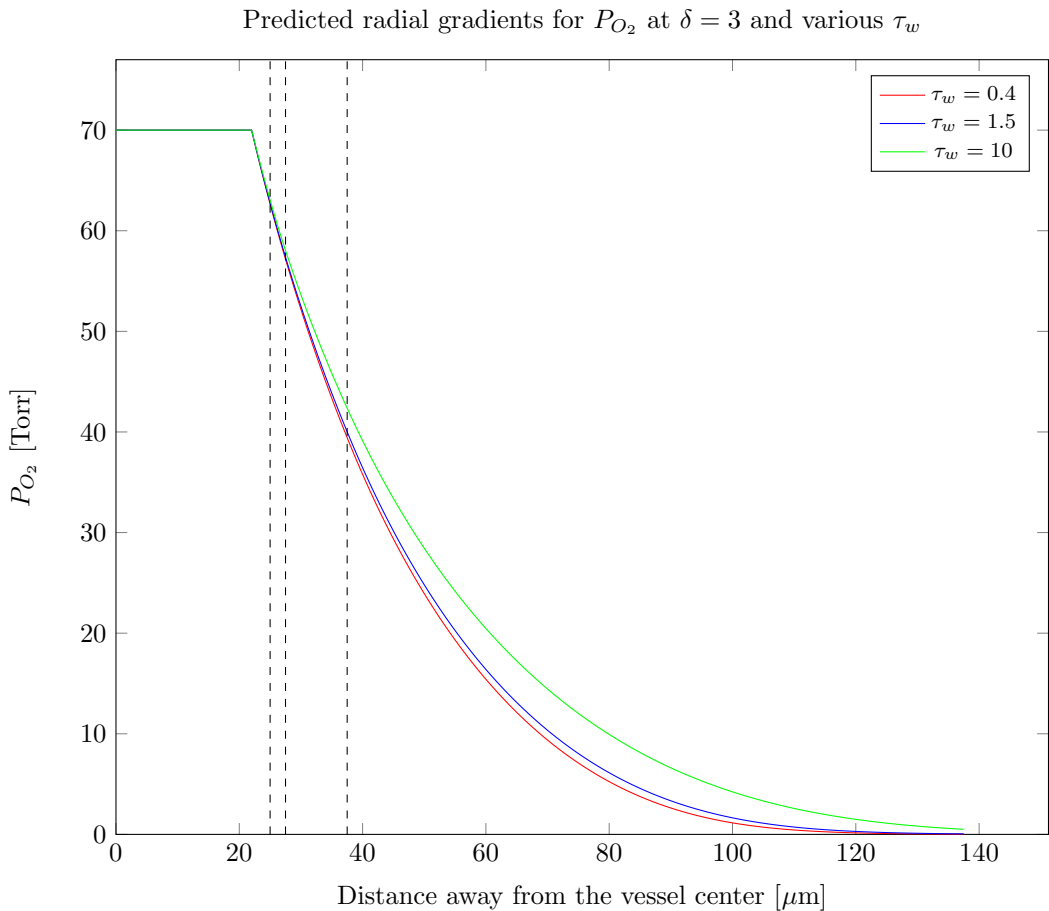
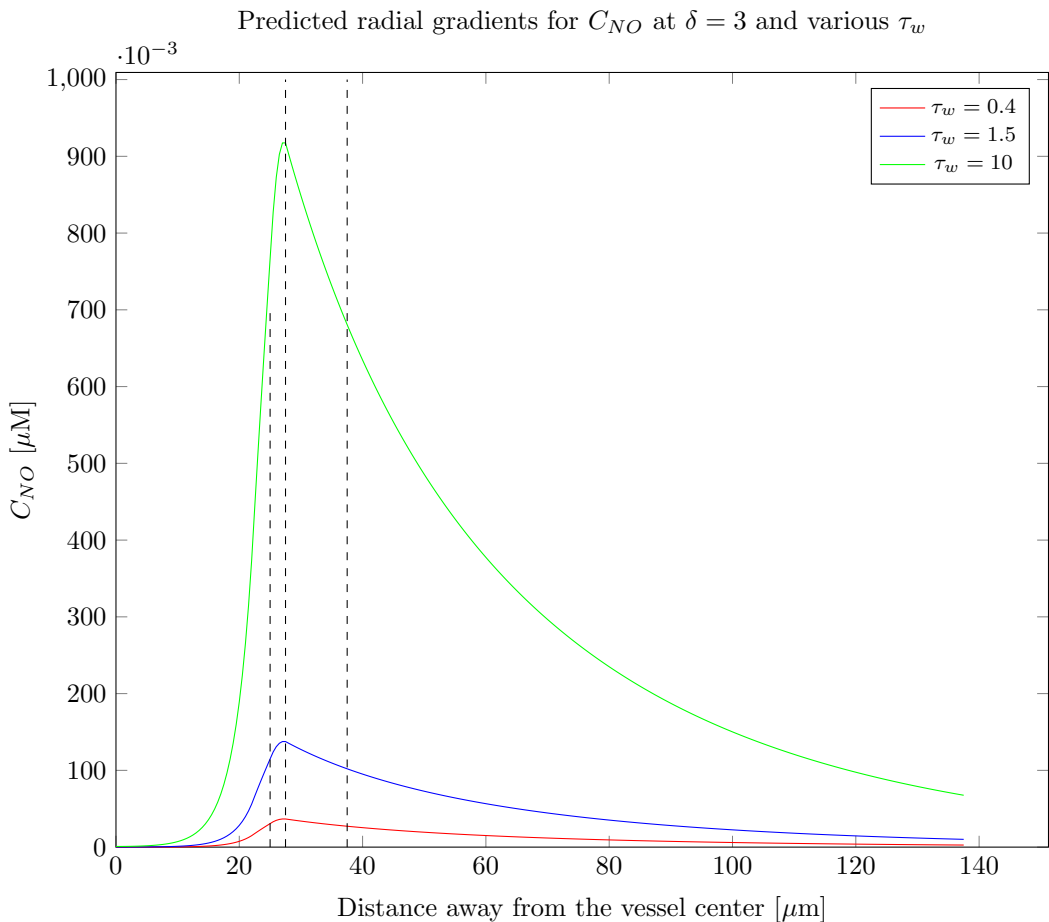
Cartesian vs Polar
Predicted radial gradients for C_{NO} using Cartesian coordinates and Cylindrical coordinates at $\delta = 3$



Predicted radial gradients for P_{O_2} using Cartesian coordinates and Cylindrical coordinates at $\delta = 3$



Varying τ_w



Varying λ_b

