

Response to reviewers n°2

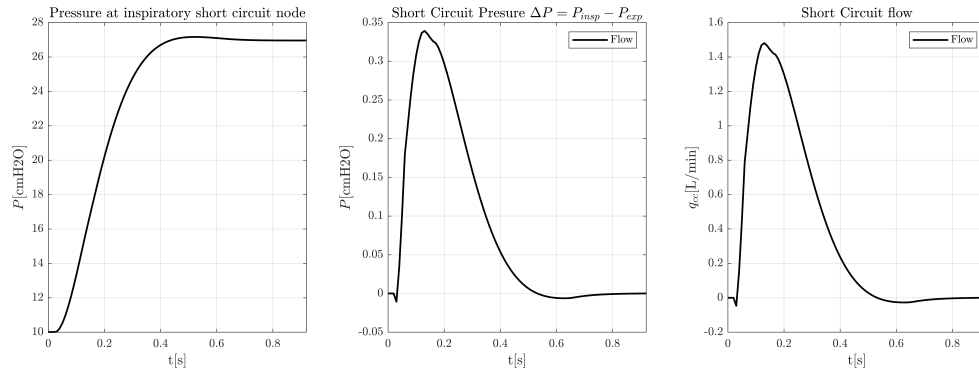


Figure 1: Short Circuit differential pressure and flow during inspiration

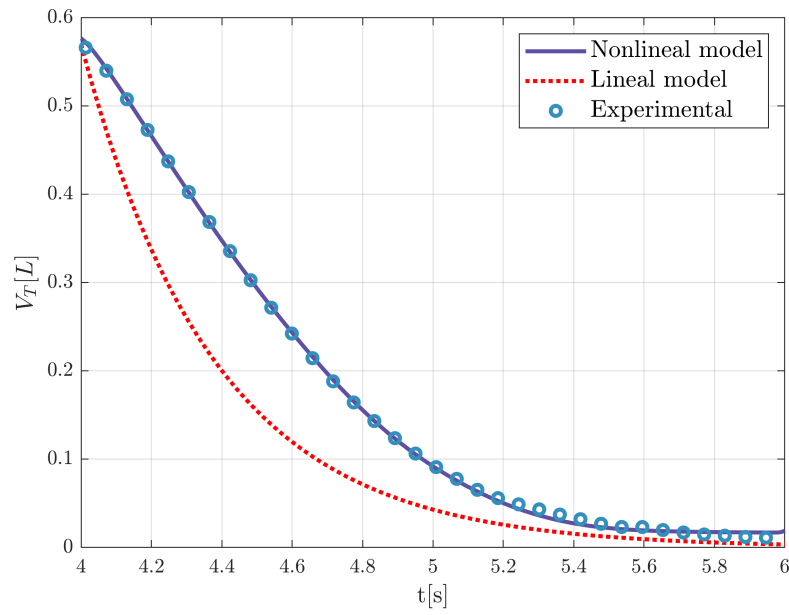


Figure 2: Comparison between linear model, nonlinear model and experiments.

Element	Resistance [cmH_2O (L/s)]	Compliance [$mL/(cmH_2O)$]
Peep Valve	3	-
Filter	2	-
Oneway	1	-
Patient 1	5	35
Patient 2	5	35
Ventilator	1.5	-

Table 1: Linear values used in figure 2

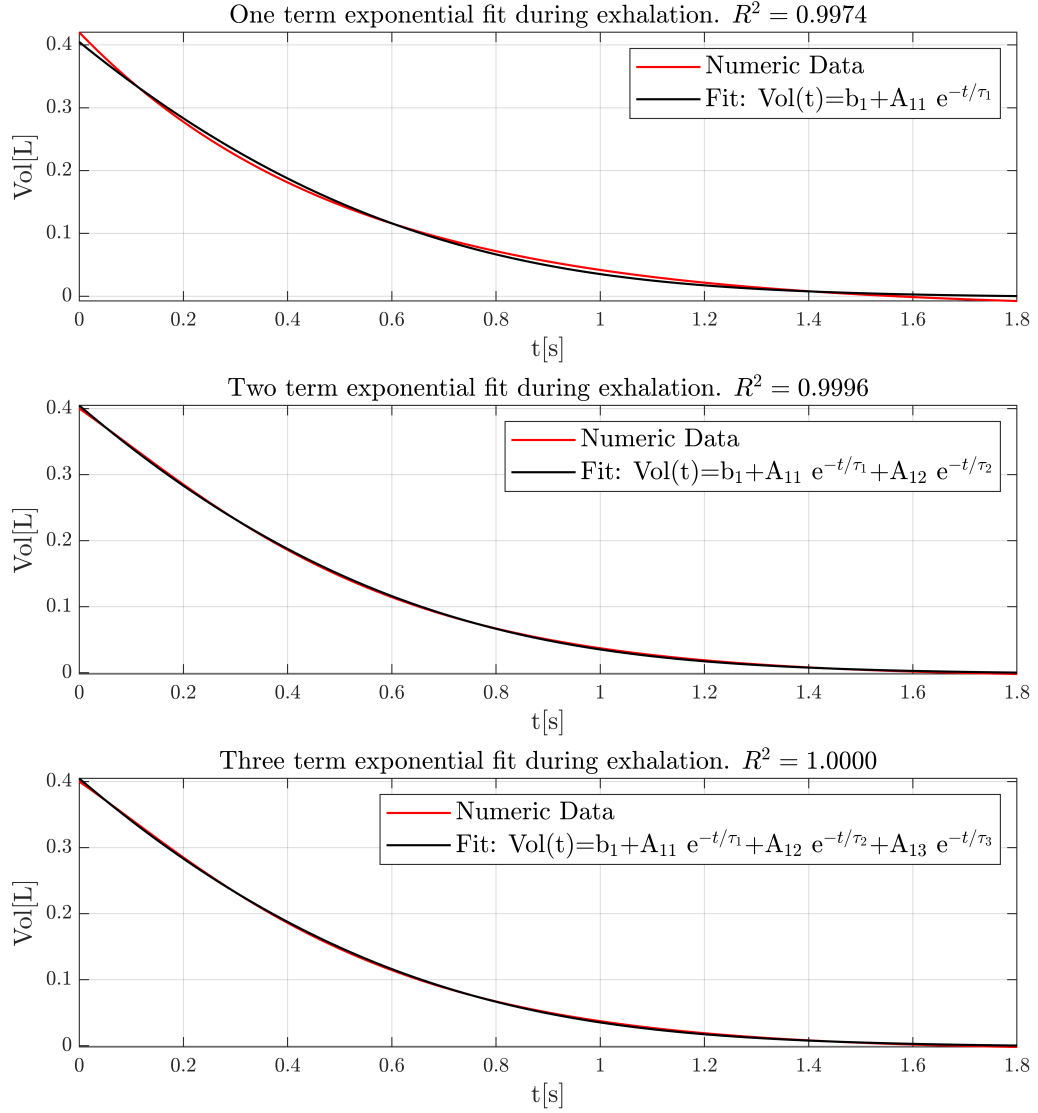


Figure 3:

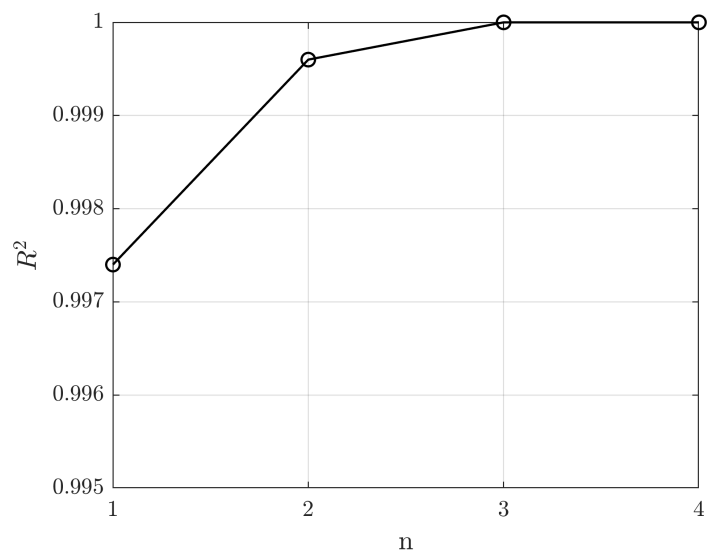


Figure 4:

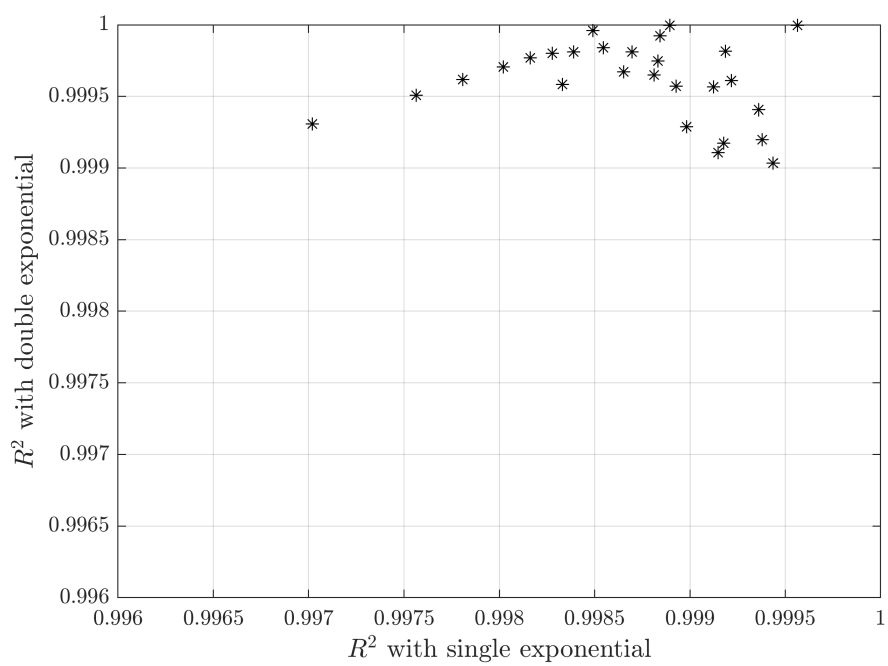


Figure 5:

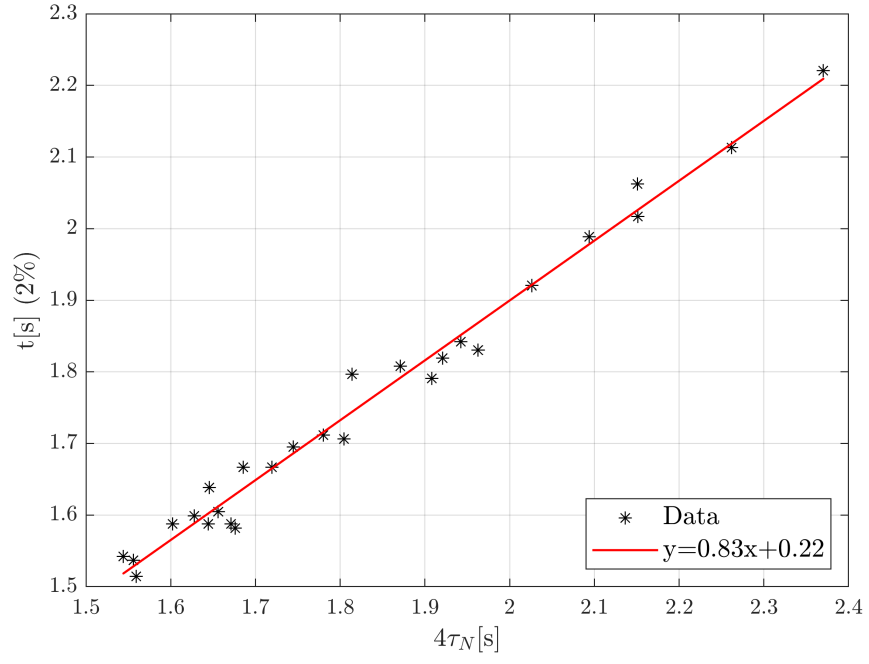


Figure 6: