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IDENTIFYING PRESSURE DEPENDENT ELASTANCE IN LUNG MECHANICS WITH REDUCED INFLUENCE OF UNMODELLED EFFECTS

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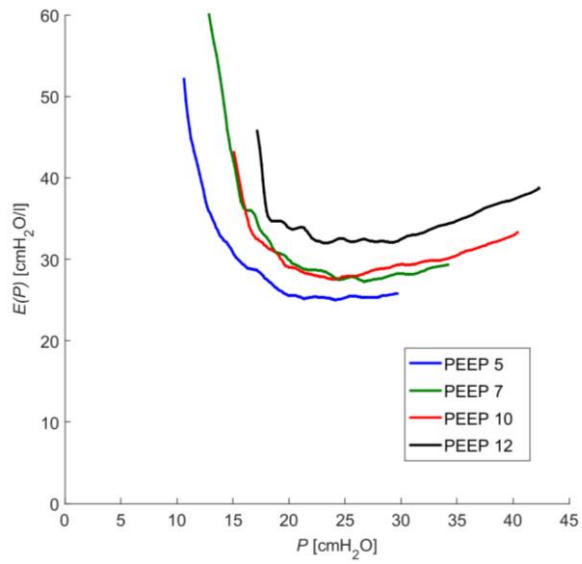
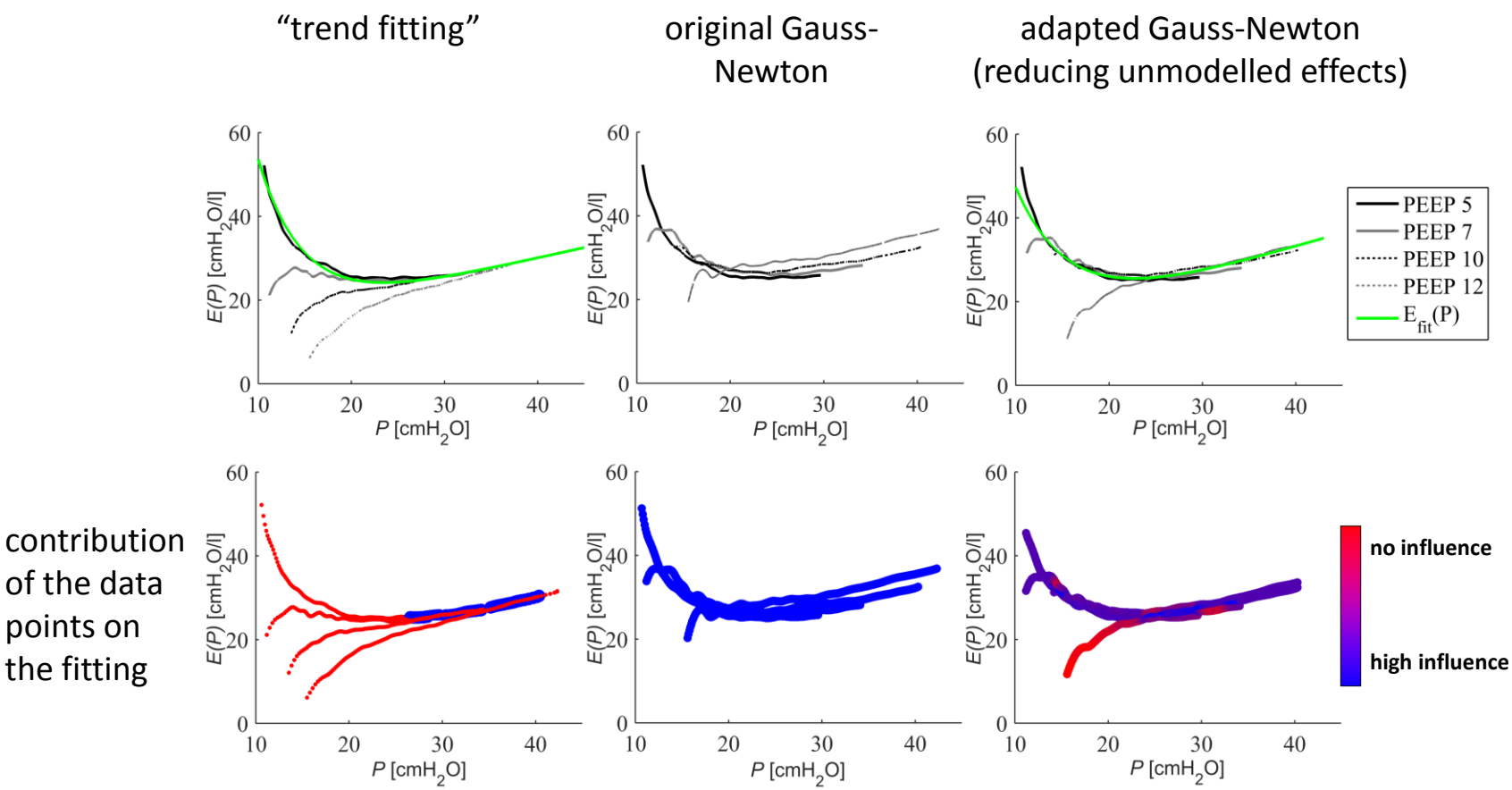
The dynamic elastance model and the V-method

$$E(P) = \frac{P - P_{0,i} - R\dot{V}}{V + V_i}$$



Reduced influence of unmodelled effects



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