

Dear reviewer,

Thank you very much for the review. Please find our answers below (indented). A brief clarification to each point has been added in the article.

On line 26 of pg2, “The force is scaled such that. . .” I think it would be helpful to the reader to know more explicitly how this scaling of the force was done. I would suggest either labeling the ordinate axis in Figure 1 with this scaling (rather than just “scaled axial force”) or including it as an equation in the text.

- This Equation has been added (now Equation (1)).

In equation 4 on pg4, it is not clear from the text which Tau is the fast time constant and which is the slow.

- The following sentence has been added: *'The same scaling is applied to both the fast and the slow time constant.'*

In table 1 of pg4, why is there no entry for the Tau_down AWSM calculation?

The time series did not exhibit clear exponential behavior; *'therefore no time constant could be estimated'* has been added in the caption of table 1.

I understand that the analytical model presented neglects unsteady aerodynamics & dynamic stall, but can the authors comment on how these unsteady effects might affect the asymmetrical force response between pitch up and pitch down maneuvers?

- see answer to question 4, reviewer 1

Technical corrections:

Typographical error in the conclusion: “off course” should be “of course”

- This has been corrected in the revised article.