Dear reviewer 3,

We are grateful with your insights and feedback. We have added the influence of dengue vaccination policy, as you suggested before, with mathematical modelling that add values of forecasting dynamics of dengue in our area.

As mentioned earlier, we have included additional factors such as ageing. However, serotype dynamics will be explained in our other publication. We have tried to not be overly technical, as you suggested on the first message.

We have included the clinical trials result of the qDENGA vaccine, in which showed a mixed results in our previous studies (link paper1, 2, 3, etc). Therefore, I tried to explore and refine those results by performing the usage of mathematical model to make the results and trajectories clear and can be directly used for the government’s decision-making to mitigate dengue outbreaks in Indonesia and Thailand.

Thank you for your honest review and feedback. We are highly appreciate your recommendation for submitting our manuscript to PLOS Mathematics.