

PX4 Quadrotor - PID Analysis

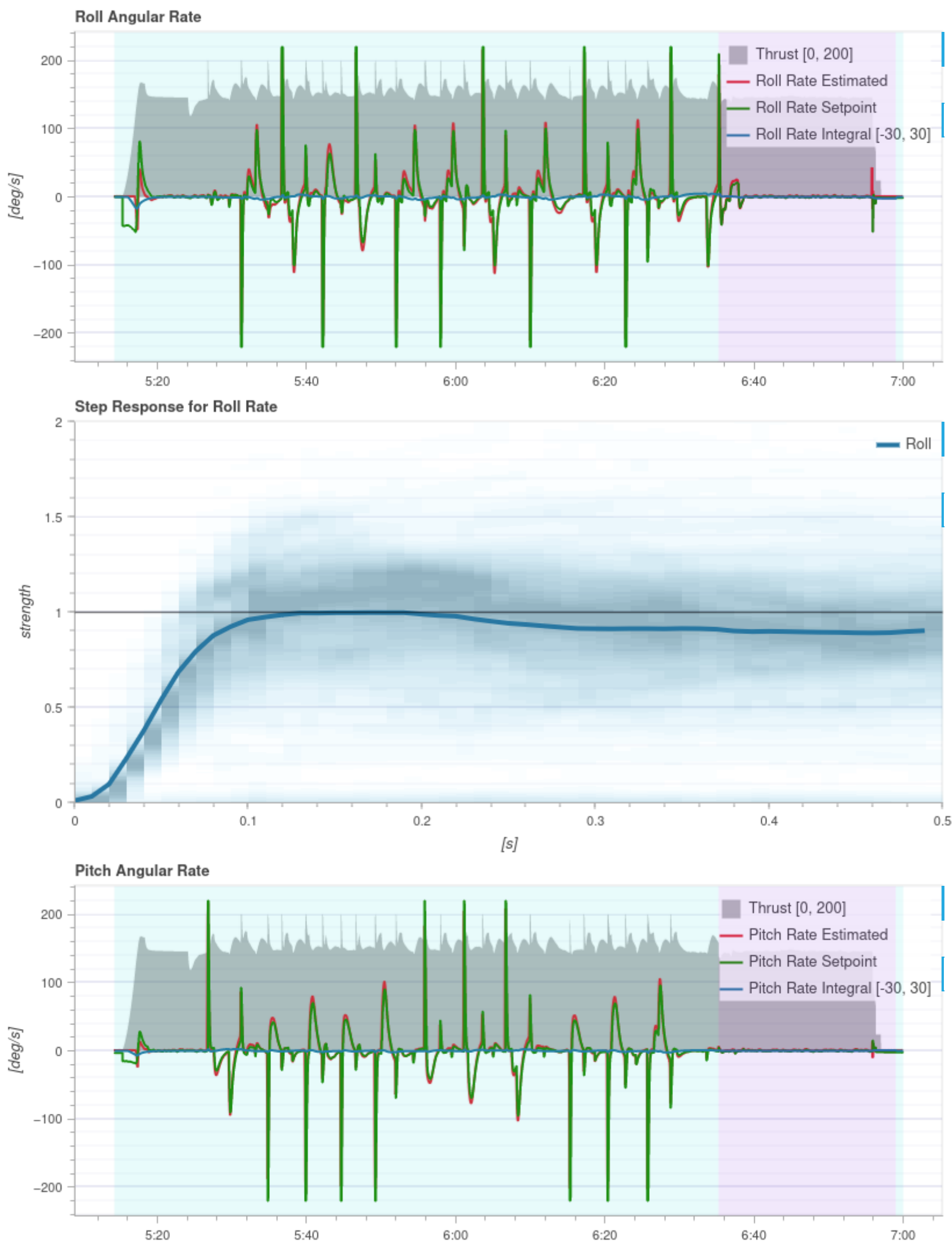
[Open Main Plots](#)

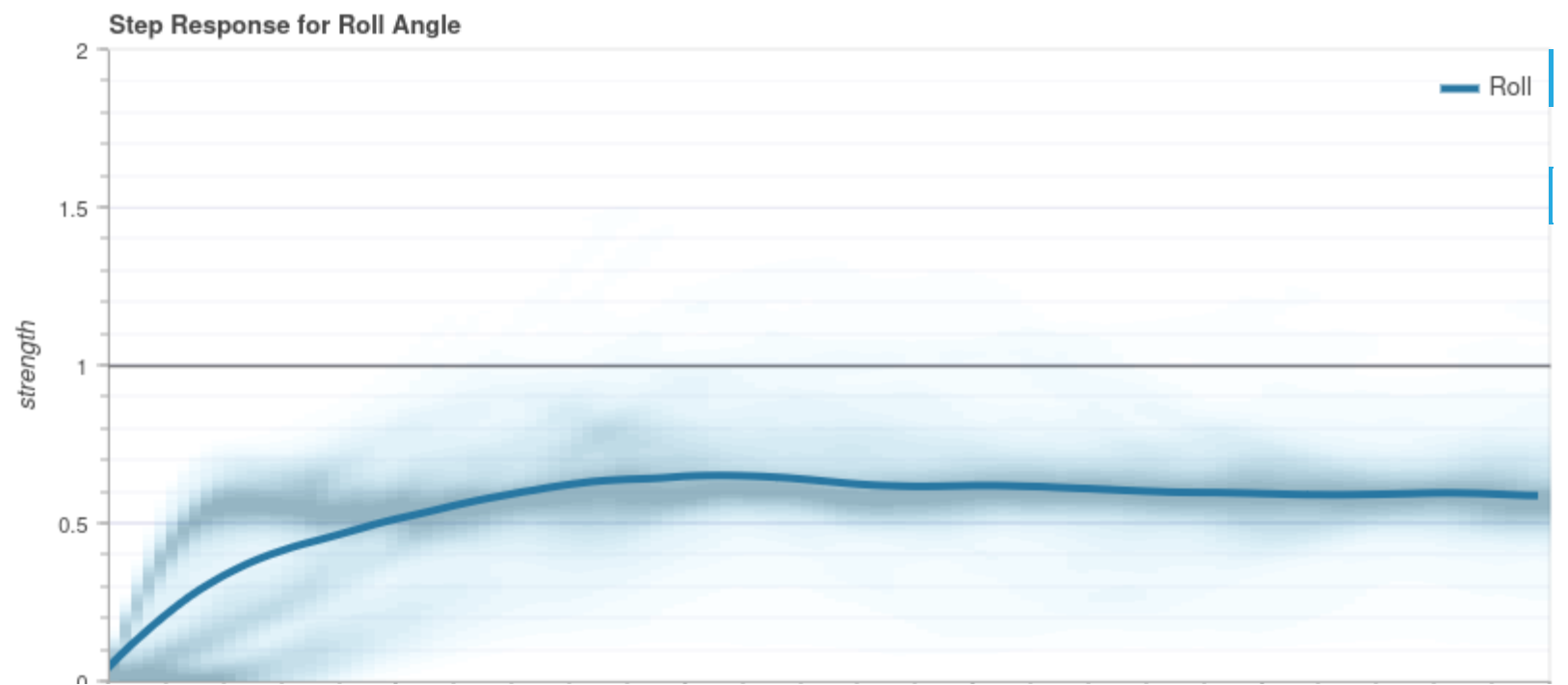
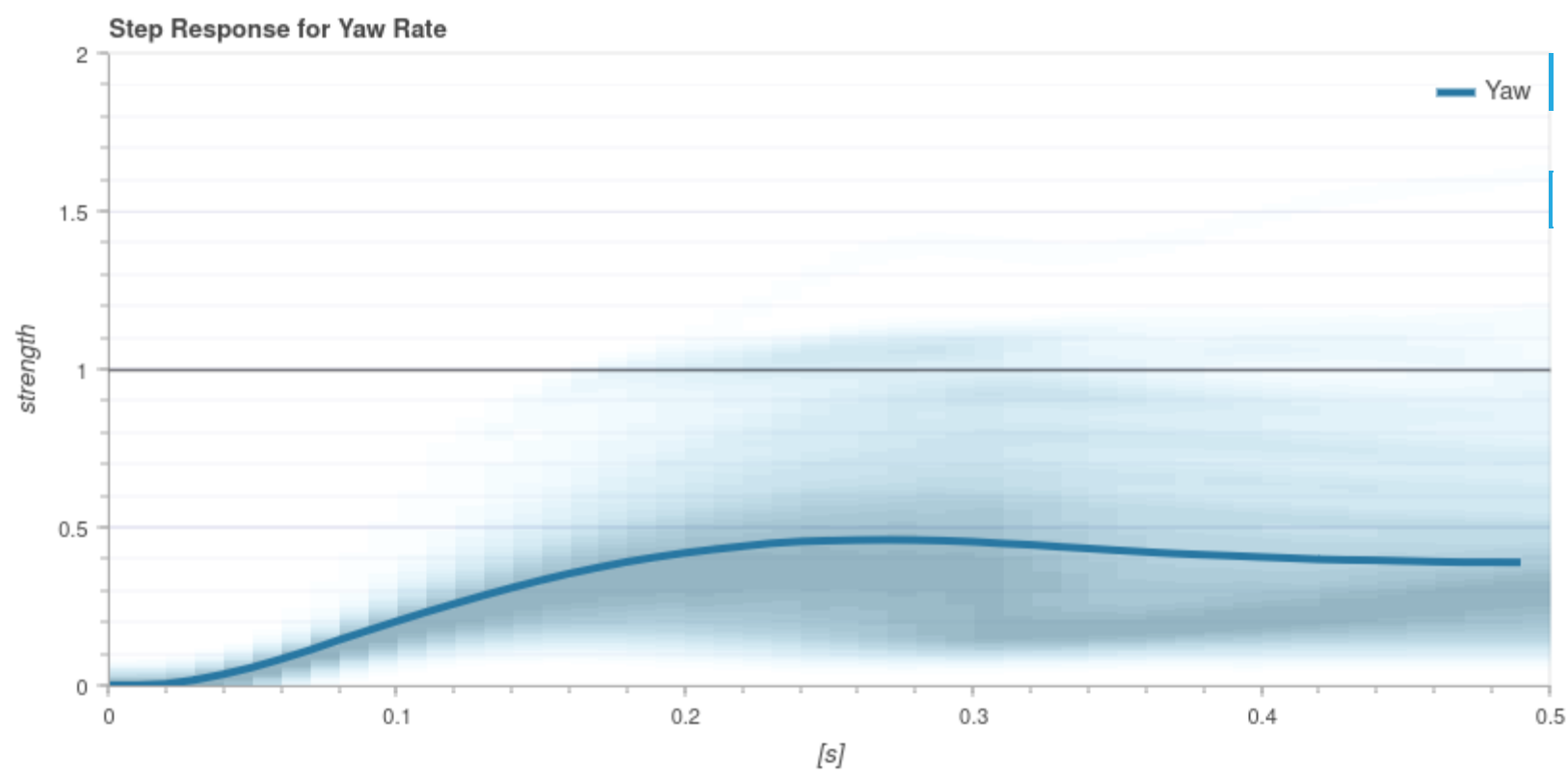
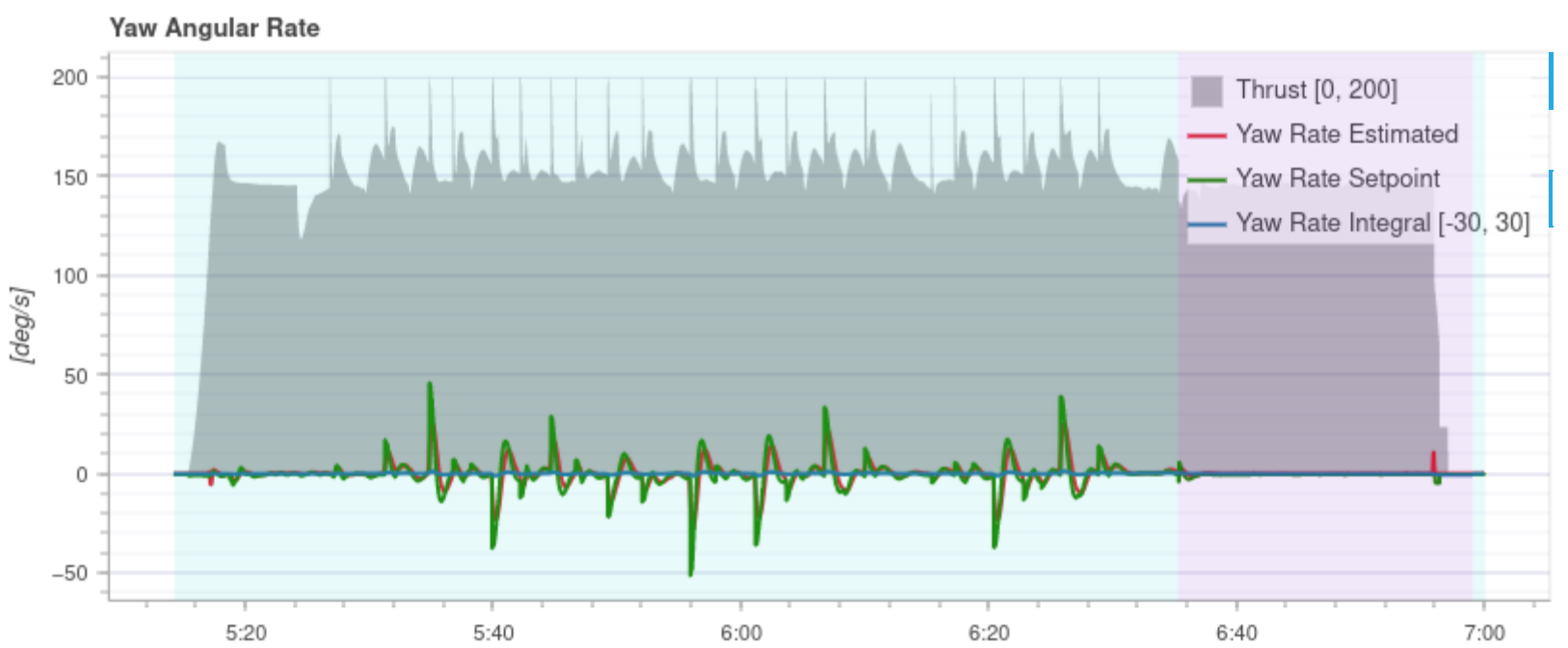
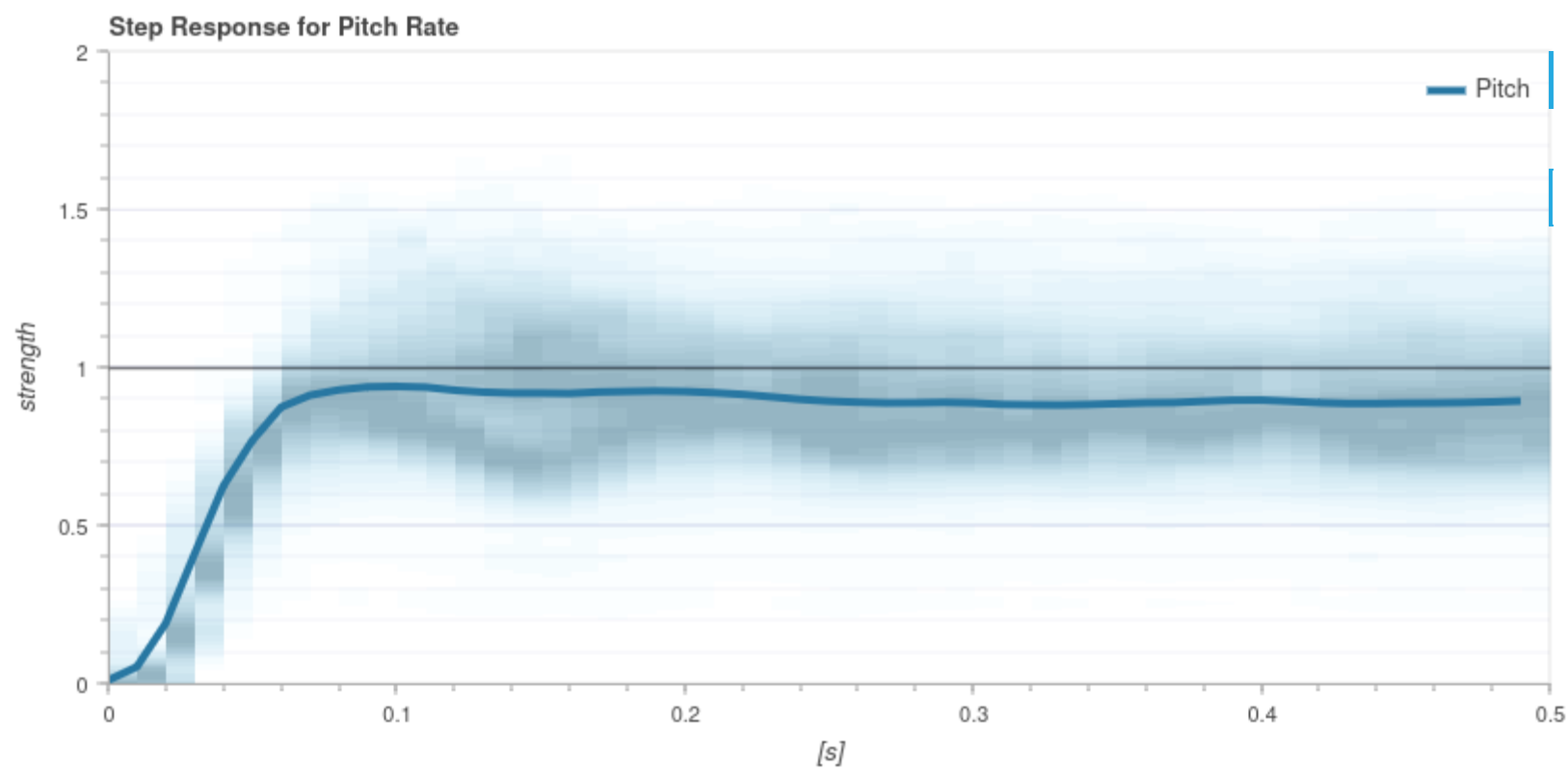
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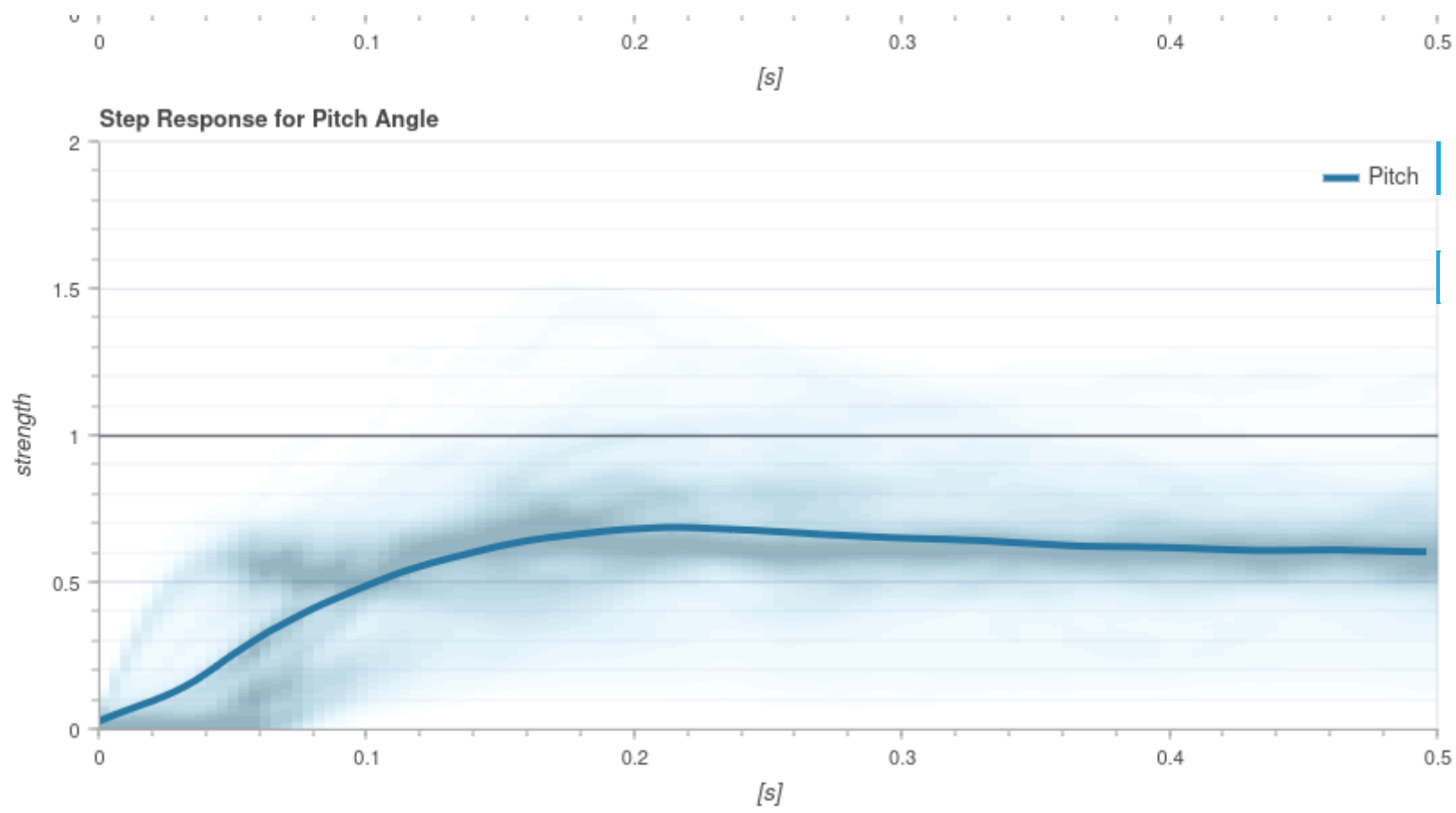
This page shows step response plots for the PID controller. The step response is an objective measure to evaluate the performance of a PID controller, i.e. if the tuning gains are appropriate. In particular, the following metrics can be read from the plots: response time, overshoot and settling time.

The step response plots are based on [PID-Analyzer](#), originally written for Betaflight by Florian Melsheimer. Documentation with some examples can be found [here](#).

The analysis may take a while...







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