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## model\_check.m

UAV\_SIL Model Verification

This script runs "plot\_and\_save.m", which plots the pitch and roll angle doublet response using the current simulation model and controller. These results are compared to a stored simulation run of the same inputs using the baseline controller. Users can use this script to evaluate and compare the performance of their controller or model relative to a flight tested baseline.

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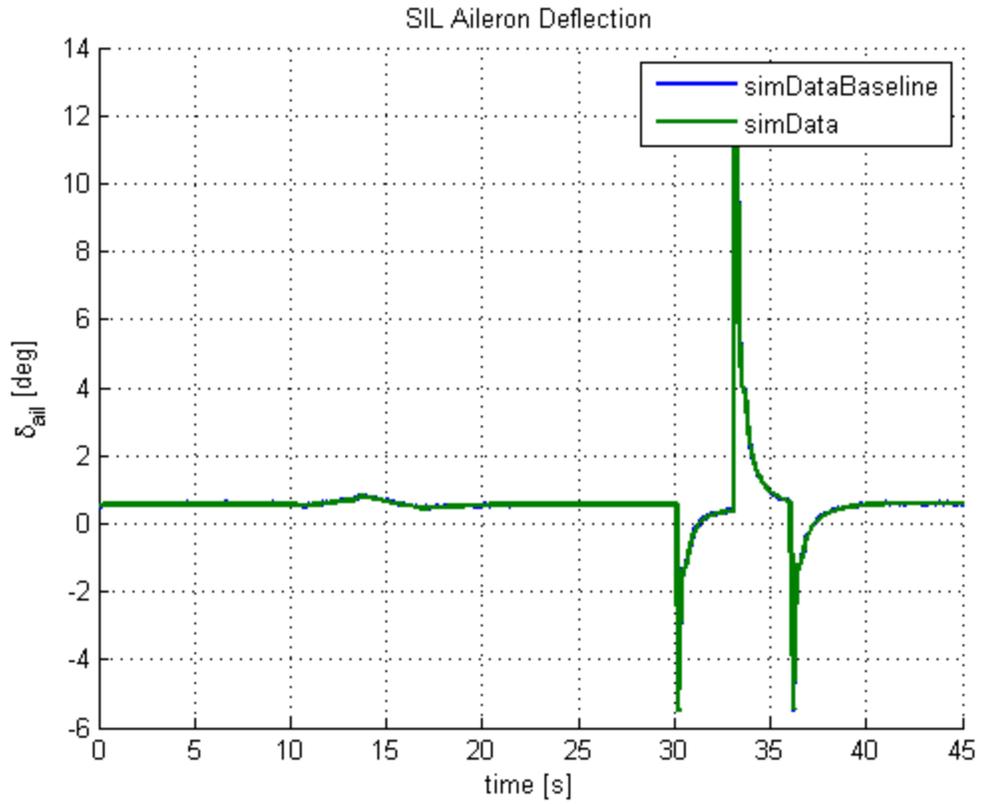
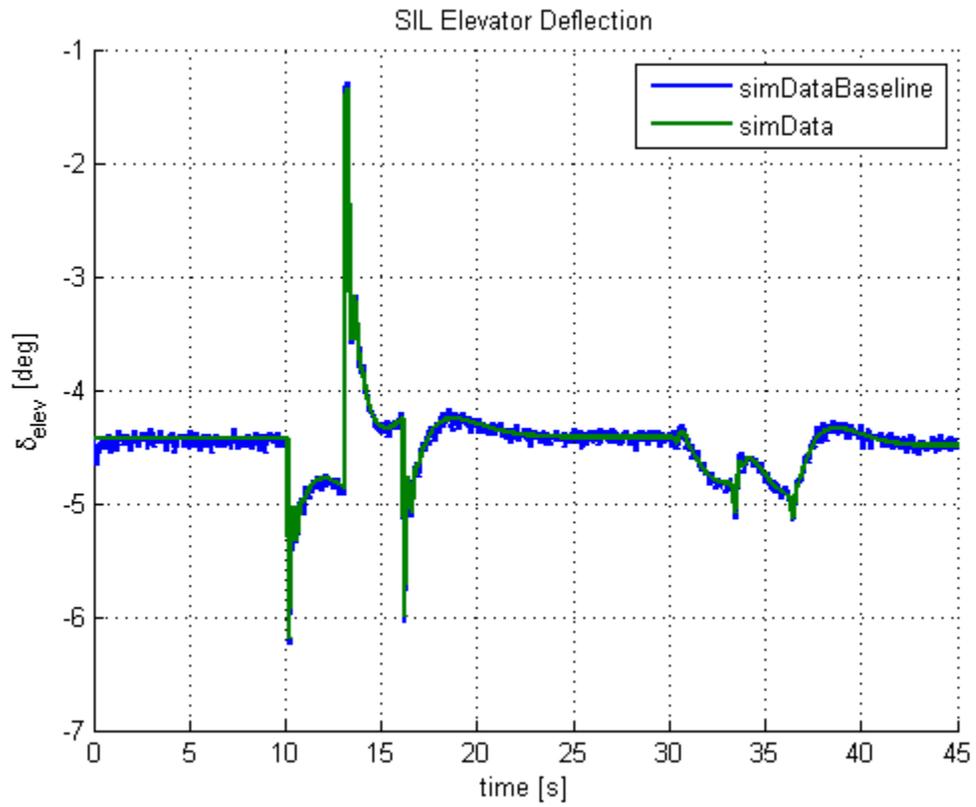
SVN Info: \$Id: model\_check.m 314 2011-04-05 16:53:30Z murch \$

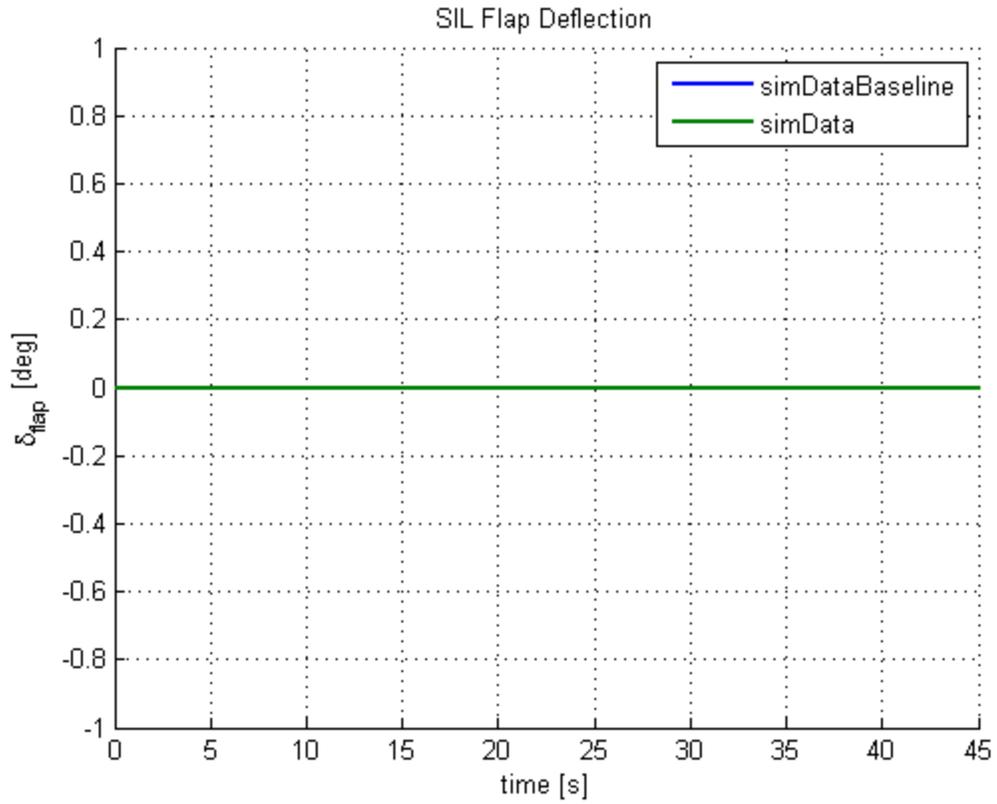
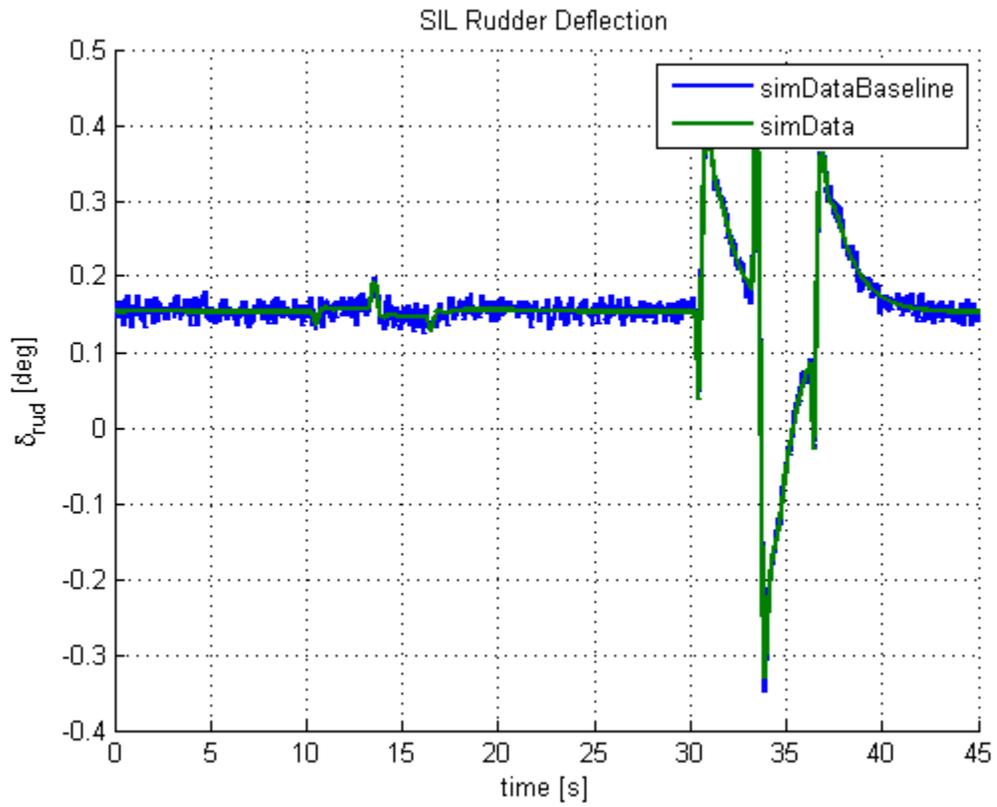
## Current Model and Controller Results

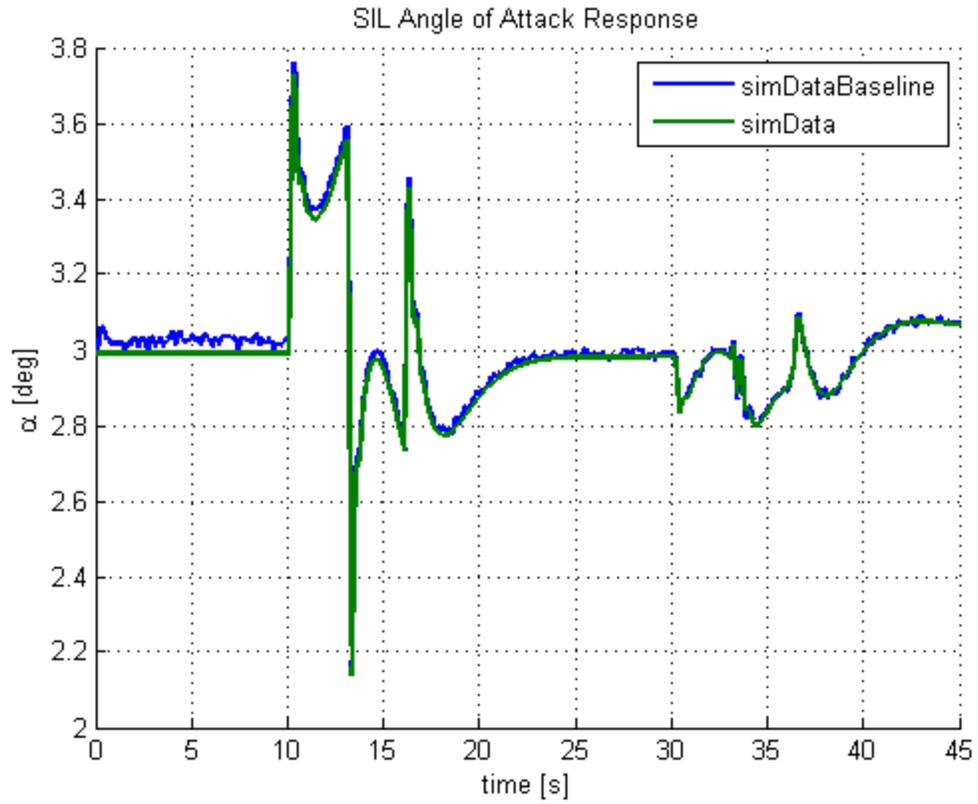
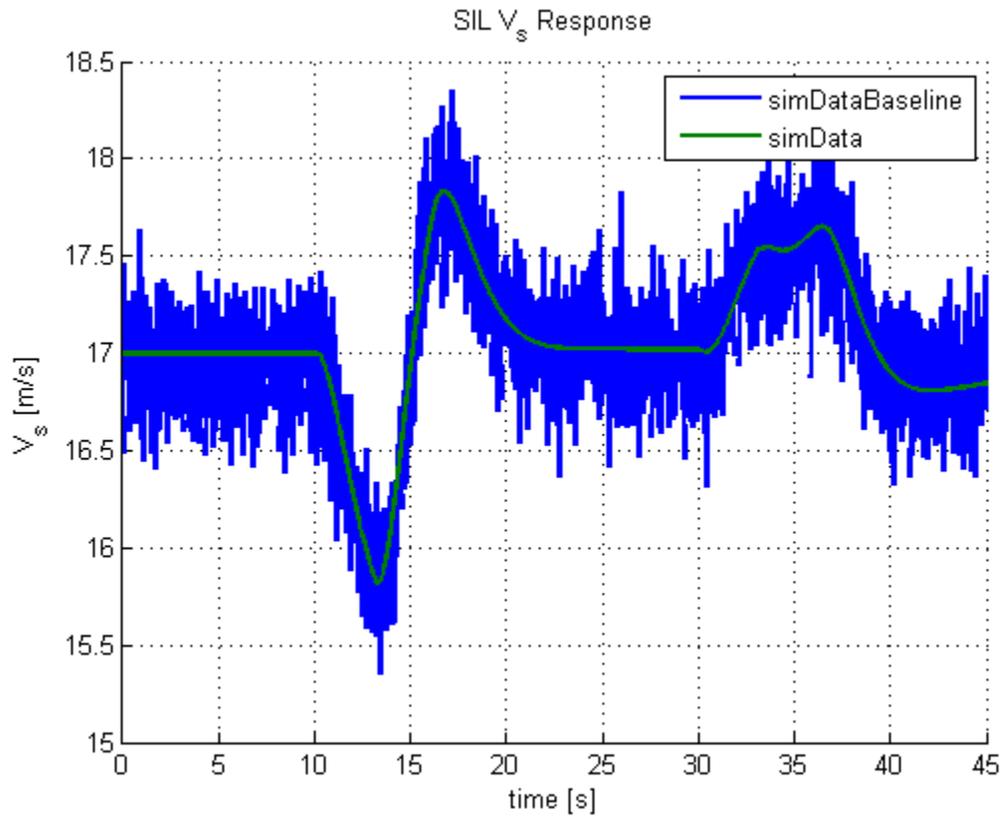
This section shows the current simulation results.

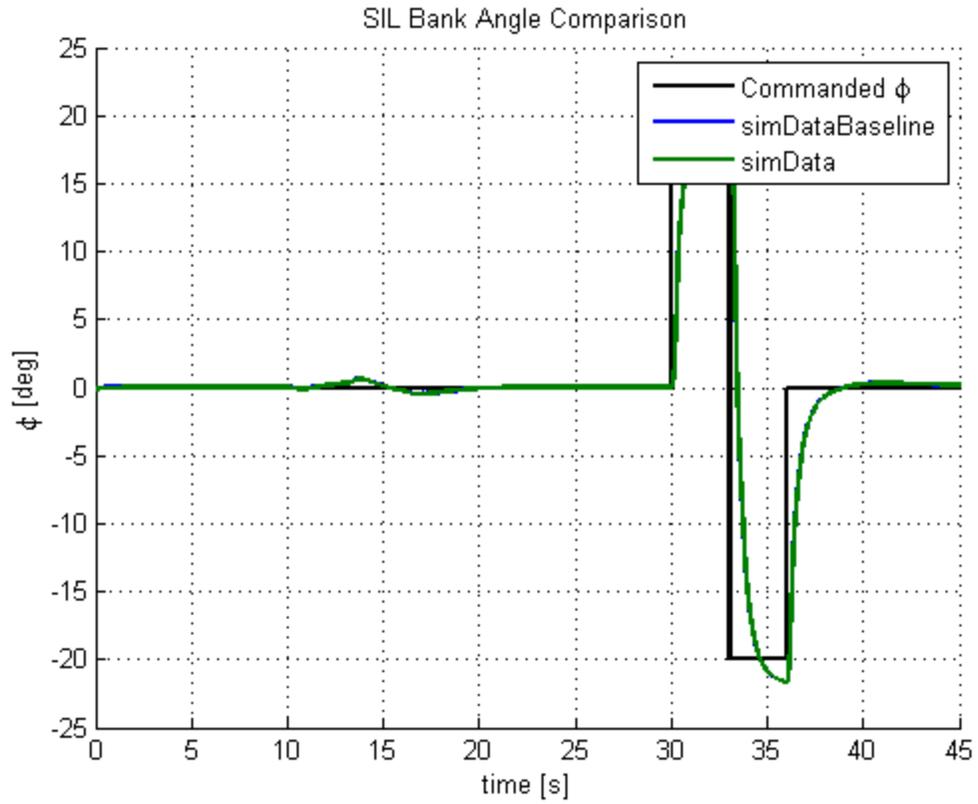
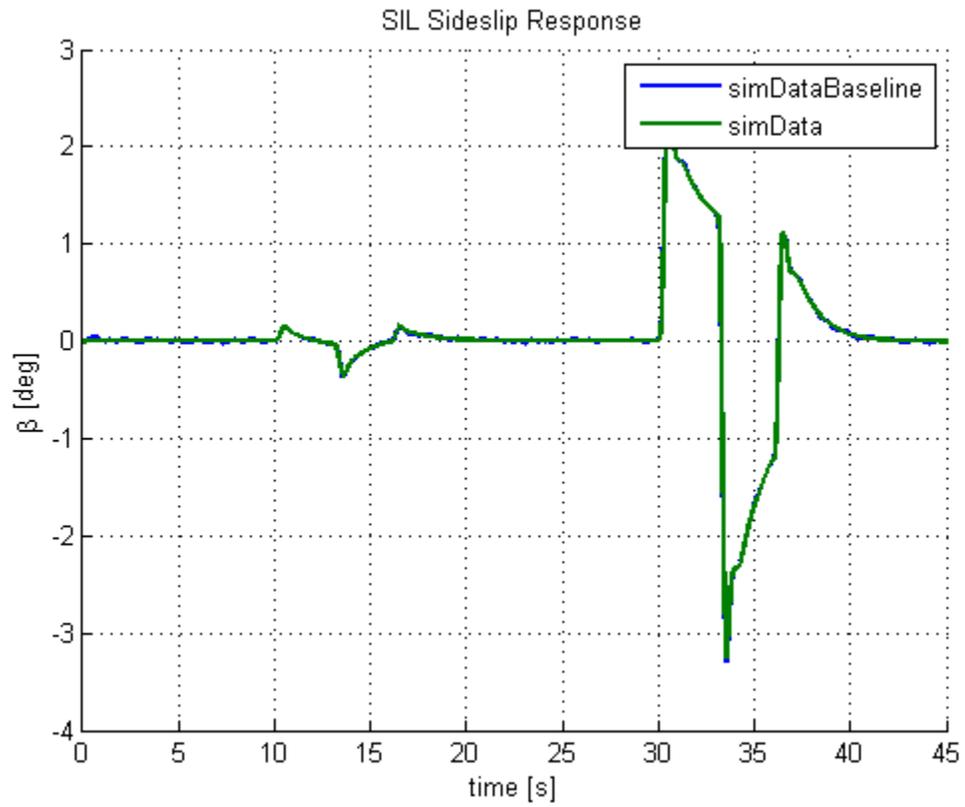
## Current Model and Controller Compared to Checkcase Data

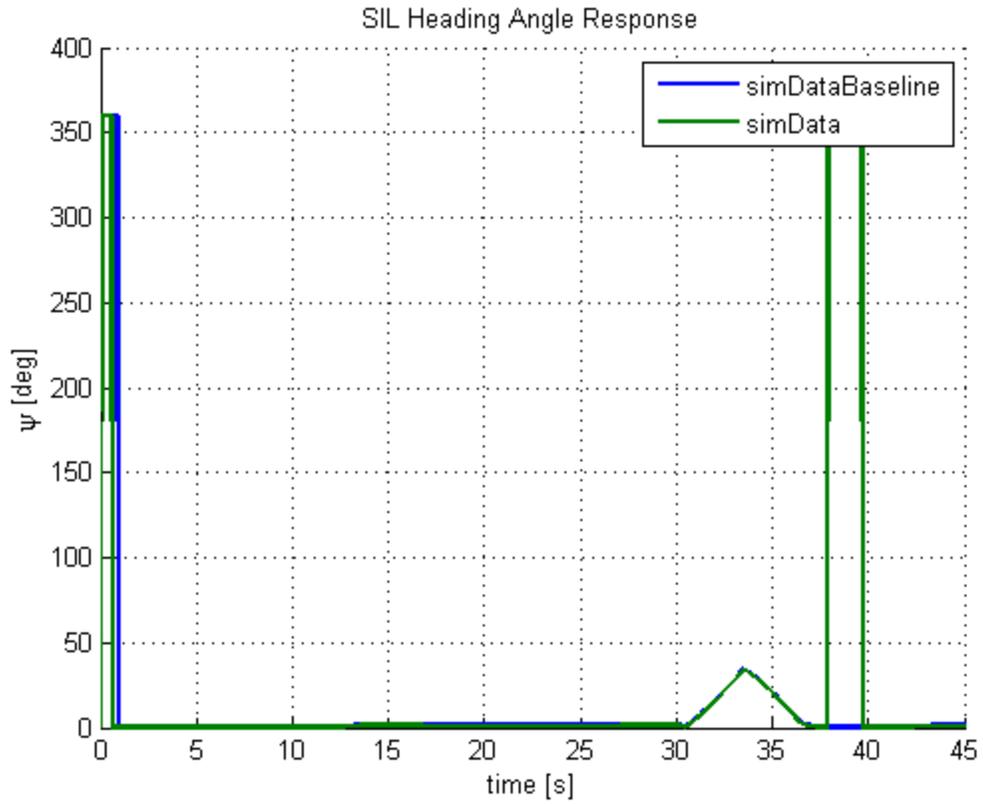
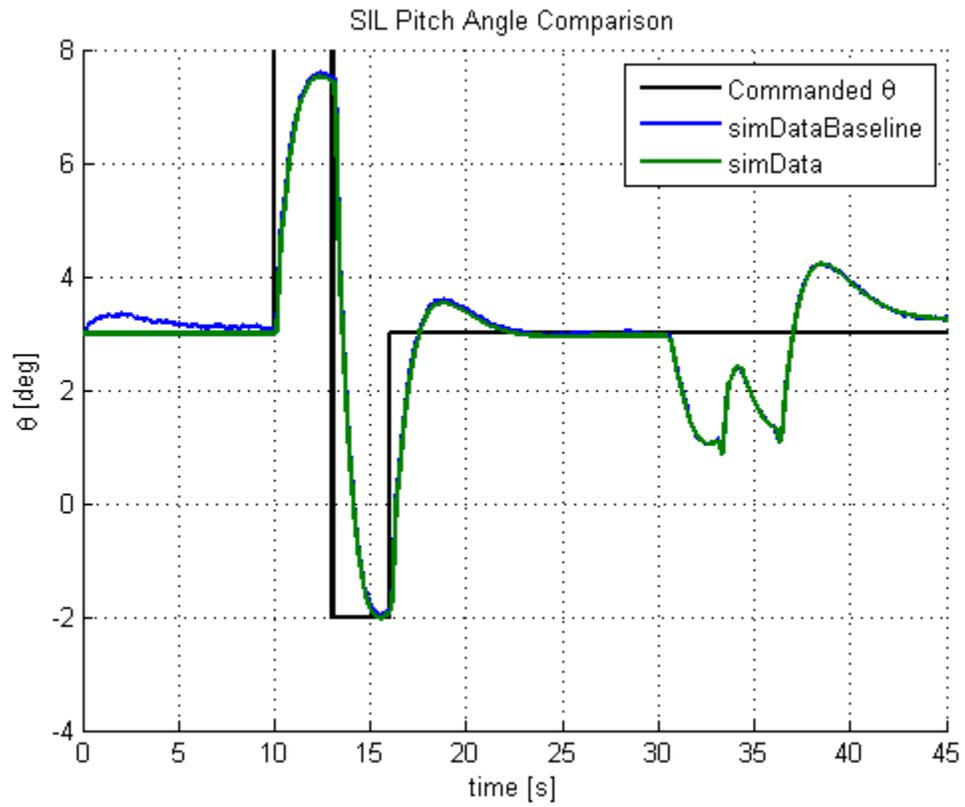
Here the current model results (green) are compared to the checkcase data (blue).

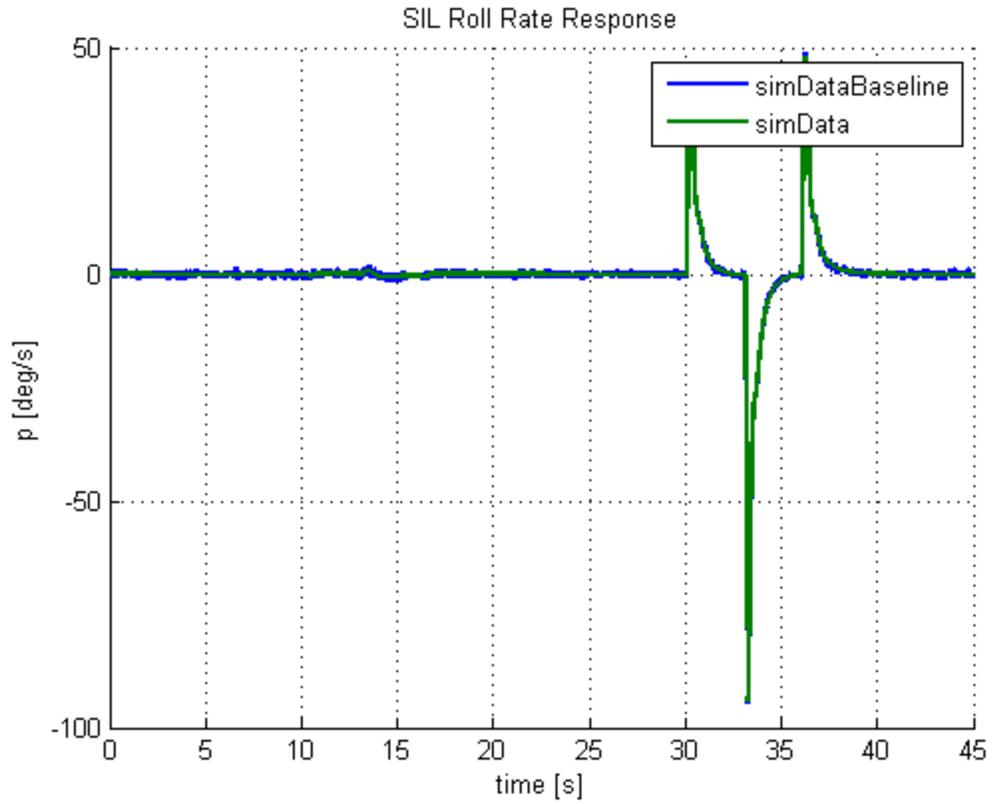
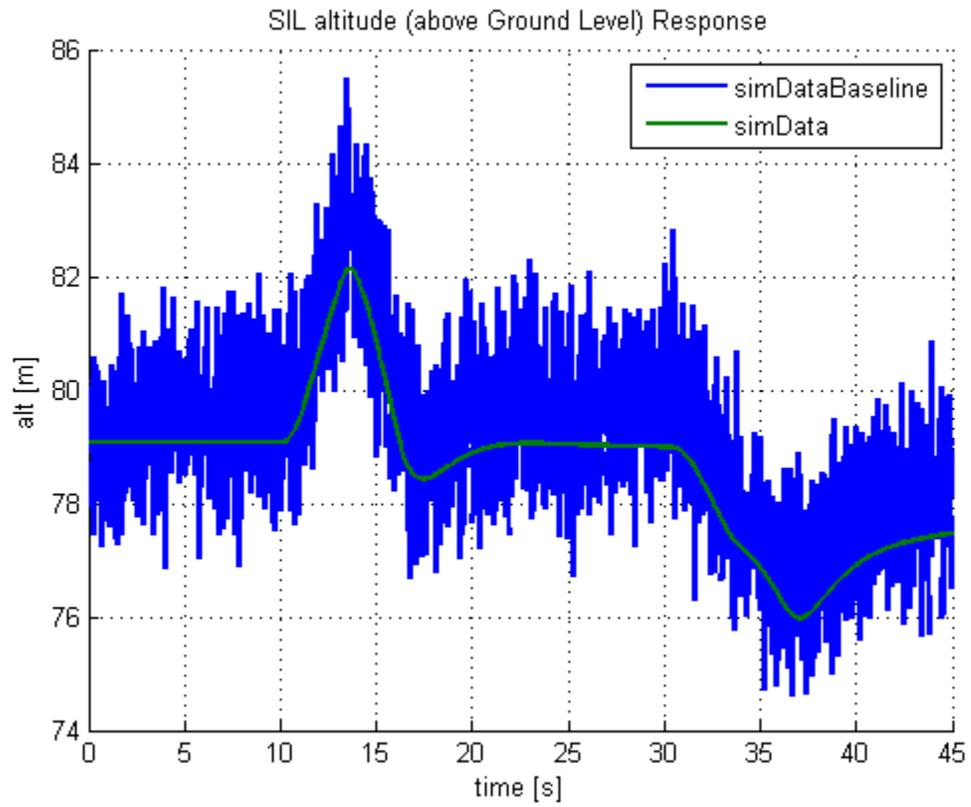


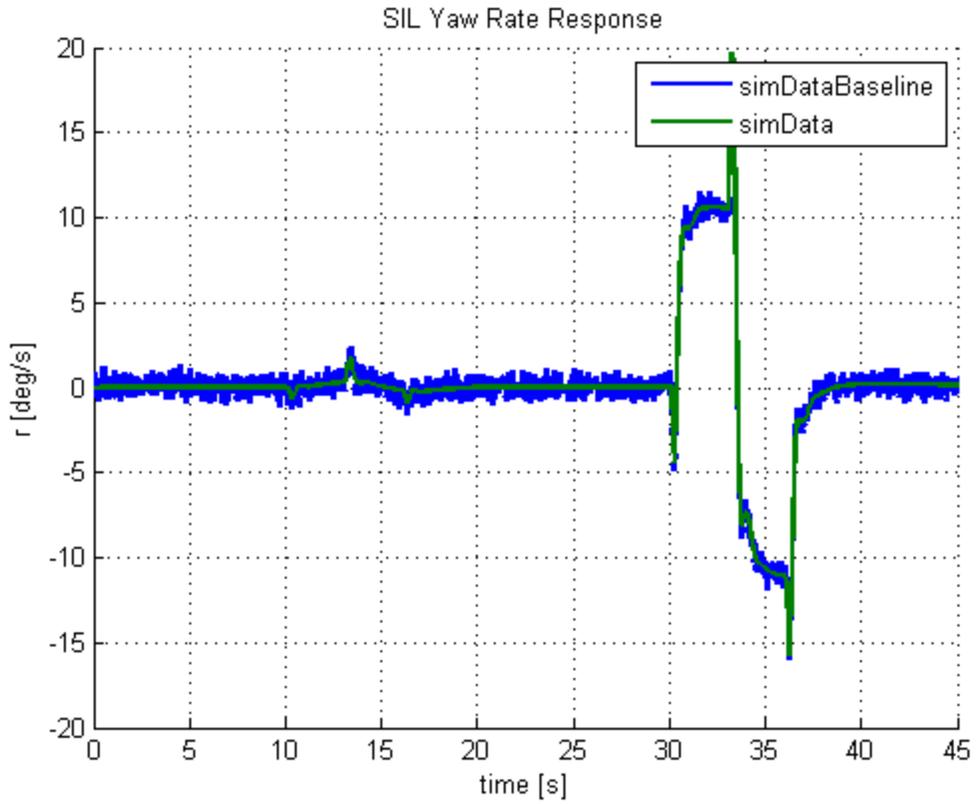
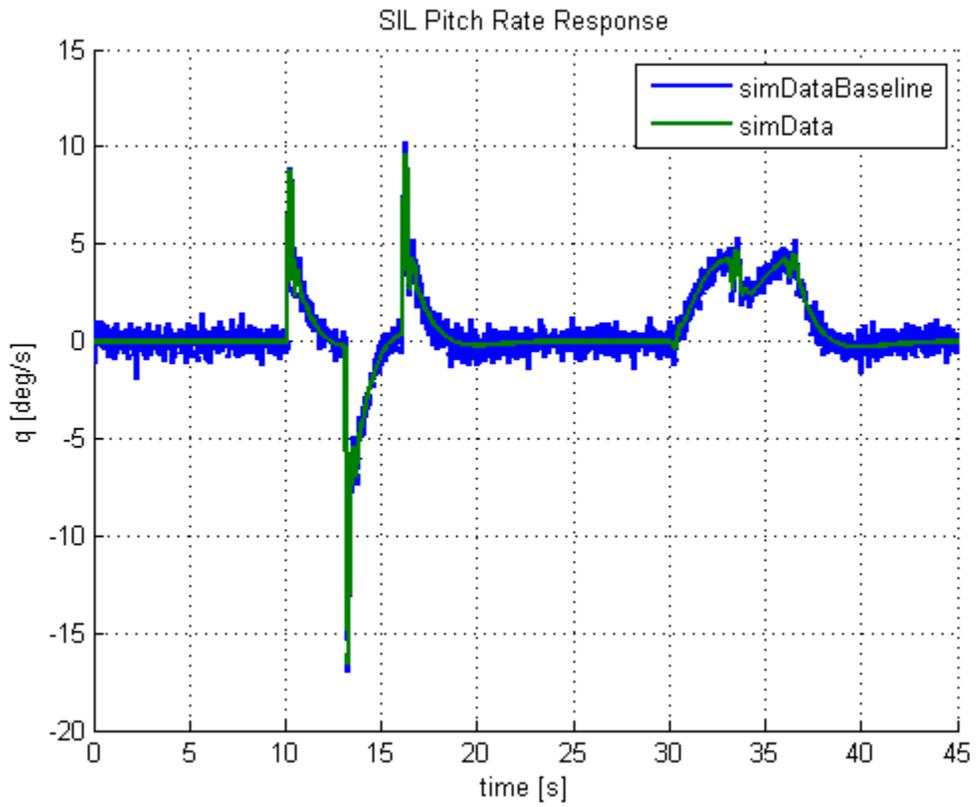












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