Report Generated by Test Manager

Title: Test Author: pass

Date: 08-Aug-2024 19:08:43

Test Environment

Platform: PCWIN64 MATLAB: (R2022b)

Summary

Name	Outcome	Duration (Seconds)
Results: 2024-Aug-08 19:07:18	Ø	6.191
New Test Suite 1	②	6.135
New Test Case 1	②	6.136

Results: 2024-Aug-08 19:07:18

Result Type: Result Set Parent: None

Start Time: 2024-08-08 19:07:28 End Time: 2024-08-08 19:07:34 Outcome: Total: 1, Passed: 1

Back to Report Summary

New Test Suite 1

Test Result Information

Result Type: Test Suite Result

Parent: Results: 2024-Aug-08 19:07:18

Start Time: 2024-08-08 19:07:28 End Time: 2024-08-08 19:07:34 Outcome: Total: 1, Passed: 1

Test Suite Information

Name: New Test Suite 1

Back to Report Summary

New Test Case 1

Test Result Information

Result Type: Test Case Result
Parent: New Test Suite 1
Start Time: 2024-08-08 19:07:28
End Time: 2024-08-08 19:07:34

Outcome: Passed

Test Case Information

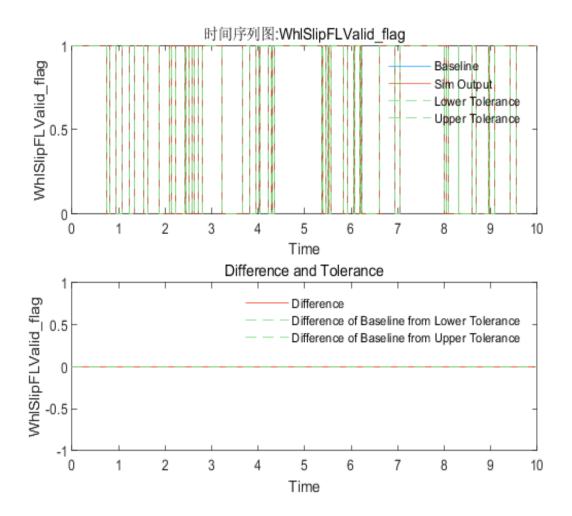
Name: New Test Case 1
Type: Baseline Test
Baseline Name: Scenario1

Baseline File: C:\Users\12045\Desktop\Vehicle_control_model\Vx SpdEsti\WhlSlipJudgementTestSHEET.xls

Baseline Comparison

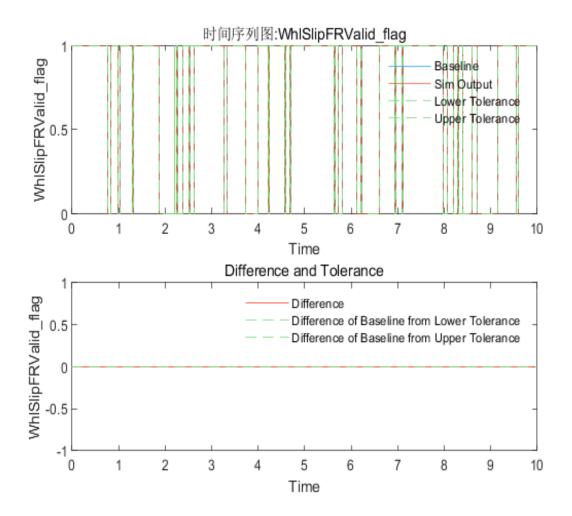
Name	Abs Tol		Lead Tol	_	Max Diff	Data Type 1	Units 1	Sampl e Tim e 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plo t
WhlSlipFL Valid_flag	0	0	0	0	0	boolean	 		boolean		0.01	zoh	union	<u>Link</u>
WhlSlipF RValid_flag	0	0	0	0	0	boolean	; 	; ; ; ; !	boolean	 	0.01	zoh	union	<u>Link</u>
WhlSlipR LValid_flag	0	0	0	0	0	boolean	i 	i 	boolean	i - 	0.01	zoh	union	<u>Link</u>
WhlSlipR RValid_flag	0	0	0	0	0	boolean	; 	; ; ; ; !	boolean	 	0.01	zoh	union	<u>Link</u>
☑ 加速度差	0	0	0_	0	0	boolean	⊦ – – -	i ⊦	boolean	⊦ – – -	0.01	zoh	union	<u>Link</u>
Divide:1	0	0	0	0	0	single	i ₊		single	i ⊦ – – -	0.01	zoh	union	<u>Link</u>
☑ 加速度差 的微分	0	0	0	0	0	boolean	i ! !		boolean		0.01	zoh	union	<u>Link</u>
Divide4:1	0	0	0_	0	0	single		. – – – -	single	i ⊦	0.01	zoh	union	<u>Link</u>
☑ 速差	0	0	0_	00	0	boolean	i + – – -	i ₊	boolean	i 	0.01	zoh	union	<u>Link</u>
Add:1	0	0	0_	0	0	single	i 	i 	single	i 	0.01	zoh	union	<u>Link</u>
WhlSlipFL Valid_flag	0	0	0	0	0	boolean	i ! !	i - -	boolean		0.01	zoh	union	<u>Link</u>
WhlSlipF RValid_flag	0	0	0	0	0	boolean	i ! !		boolean		0.01	zoh	union	<u>Link</u>
WhlSlipR LValid_flag	0	0	0	0	0	boolean		 	boolean		0.01	zoh	union	<u>Link</u>
WhlSlipR RValid_flag	0	0	0	0	0	boolean			boolean		0.01	zoh	union	<u>Link</u>
WhlSpdM ax_mps	0	0	0	0	0	single	 	 	single	 	0.01	zoh	union	<u>Link</u>

Name	Abs T ol	Rel To l	Lead T ol	Lag T ol	Max Di ff	Data Type 1	Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp	Sync
WhlSlipFL Valid_flag	0	0	0	0	0	boolean		boolean		0.01	zoh	union



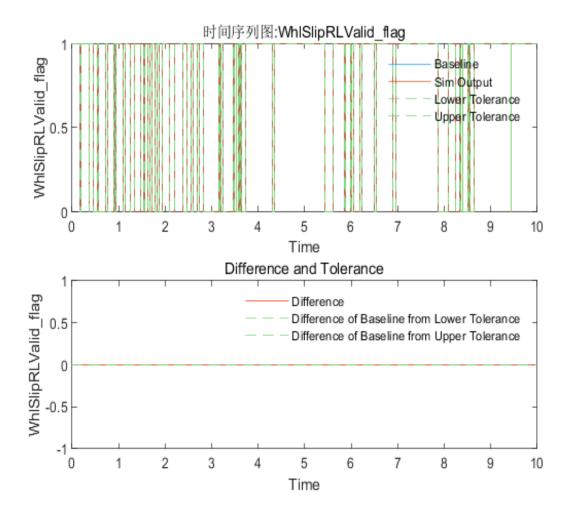
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T ol	Lag T ol	Max Di ff	Data Type 1		Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp Sync
WhlSlipF RValid_flag	0	0	0	0	0	boolean	i i i		boolean		0.01	zoh union



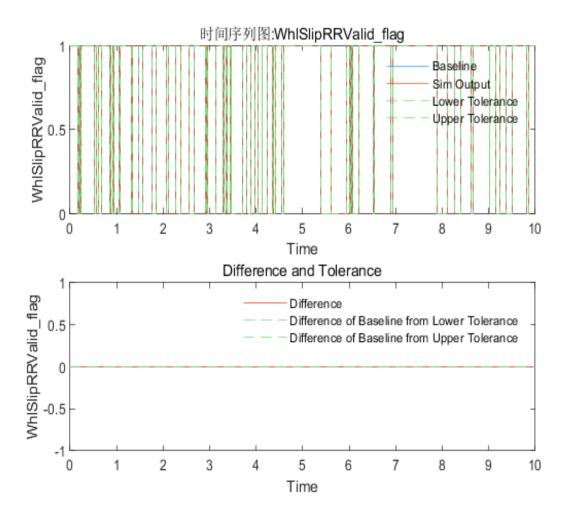
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T ol	Lag T ol	Max Di ff	Data Type 1		Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp Sync
WhlSlipR LValid_flag	0	0	0	0	0	boolean	 		boolean		0.01	zoh union



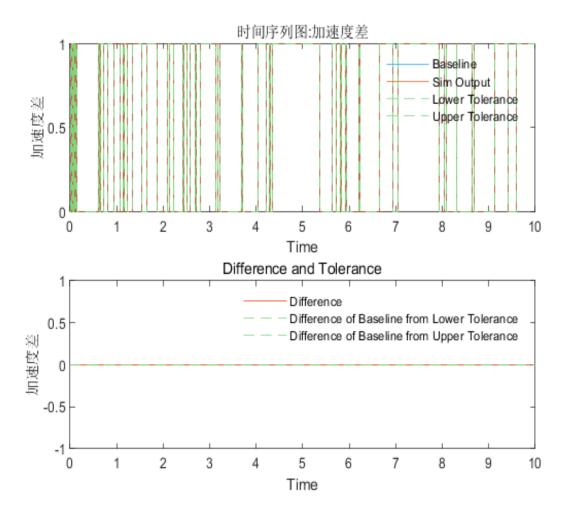
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T ol	Lag T ol	Max Di ff	Data Type 1		Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp Sync
WhlSlipR RValid_flag	0	0	0	0	0	boolean	 		boolean		0.01	zoh union



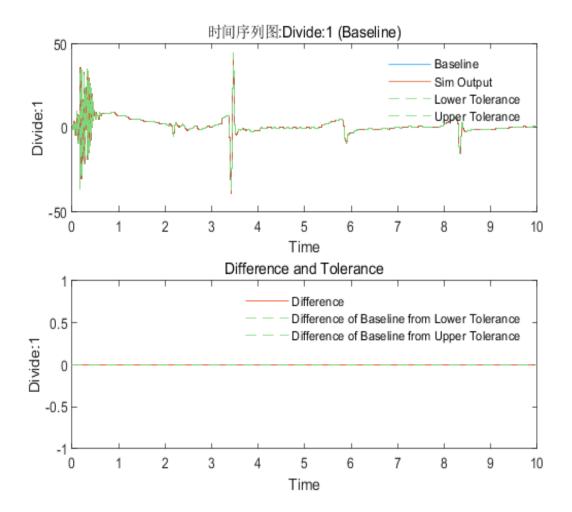
Back to Report SummaryBack to Criteria Results

Name	Abs T	Rel To l	Lead T ol	Lag T ol	Max Di ff	Data Type 1	Sample Ti me 1	Data Type 2	Sample Tim e 2	Interp S	Sync
							 +		 	+-	
🥑 加速度差	0	0	0	0	0	boolean	I	boolean	0.01	zoh u	ınion



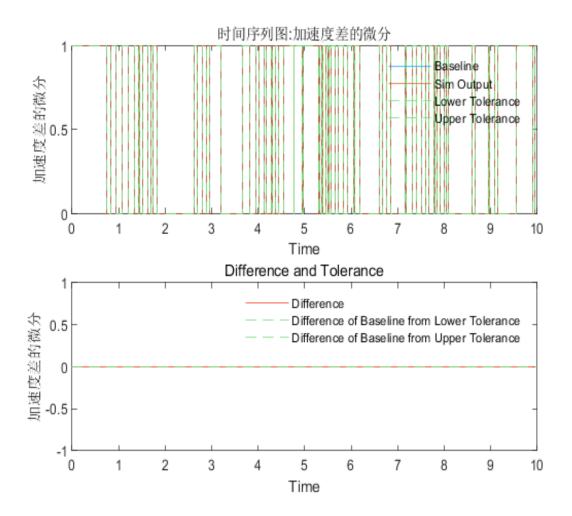
Back to Report SummaryBack to Criteria Results

Name	Abs T	Rel To	Lead T	Lag T	Max Di	Data Type 1		Sample Ti	Data Type 2		Sample Tim	Interp	Svnc
	ol	1	ol	ol	ff		1	me 1		2	e 2		,
Divide:1	0	0	0	0	0	single		į	single		0.01	zoh เ	union



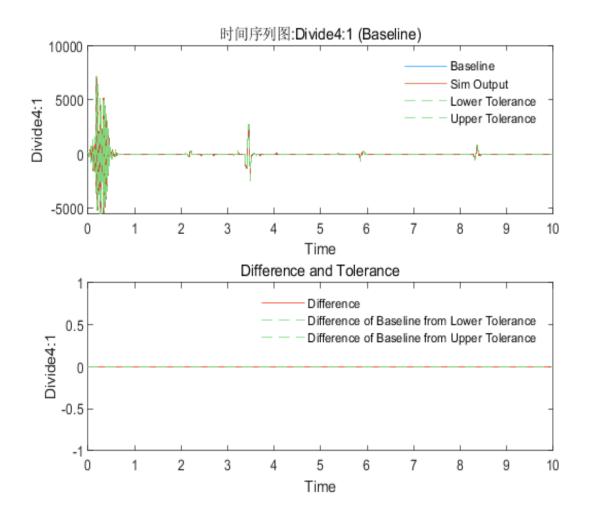
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T ol	Lag T ol	Max Di ff	Data Type 1		Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp Sync
☑ 加速度差的微分	0	0	0	0	0	boolean	i i i		boolean		0.01	zoh union



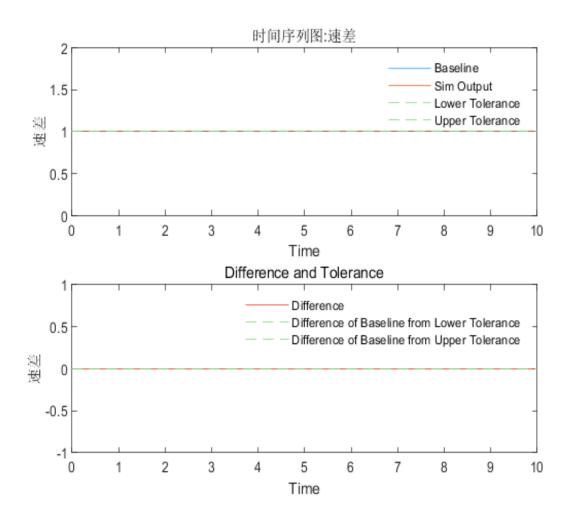
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To l	Lead T ol	Lag T ol	Max Di ff	Data Type 1	Sample Ti me 1	Data Type 2	Sample Tim e 2	Interp Sync	
Divide4:1	0	0	0	0	0	single		single	0.01	zoh union	



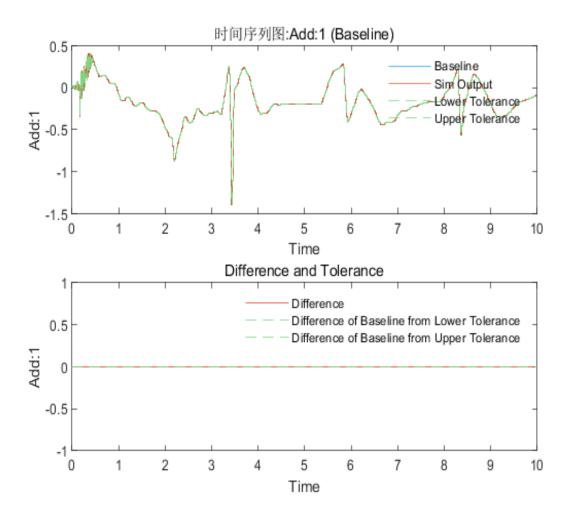
Back to Report SummaryBack to Criteria Results

☑ 速差	boolean 0.01 zoh unio	n



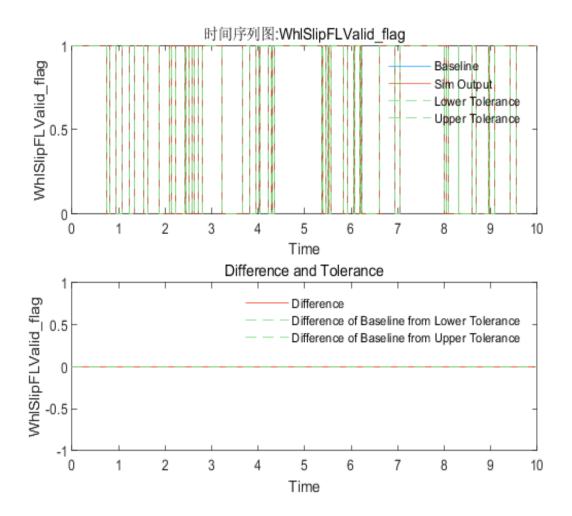
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T ol	Lag T ol	Max Di ff	Data Type 1	Sample Ti me 1	Data Type 2	Sample Tim e 2	Interp Sync	
🗸 Add:1	0	. 0	0	. 0	0	single	 ļ	single	 0.01	zoh union	L



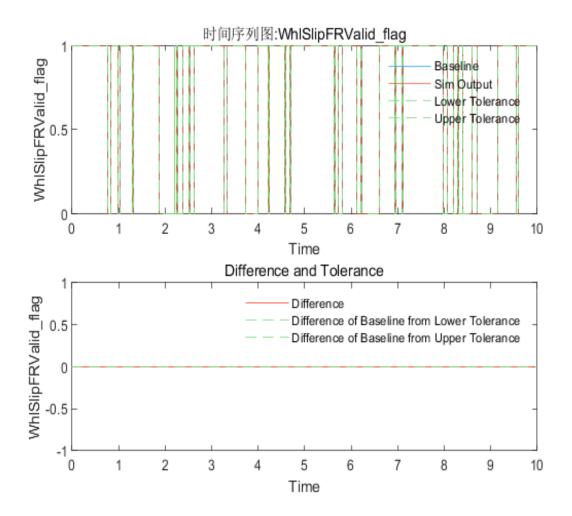
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T	Lag T ol	Max Di ff	Data Type 1		Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp	Sync
WhlSlipFL Valid_flag	0	0	0	0	0	boolean	i i i		boolean		0.01	zoh	union



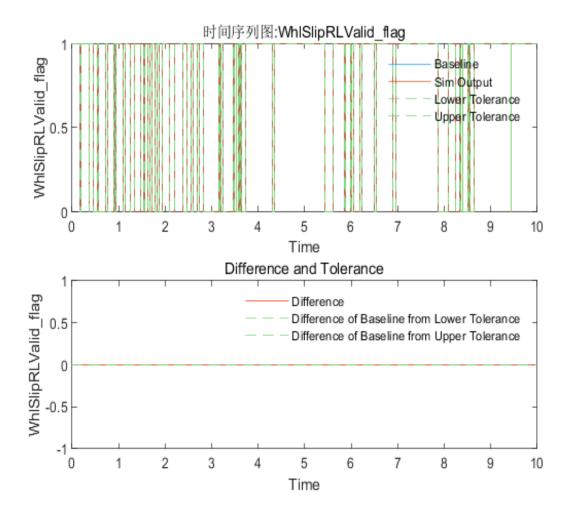
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T ol	Lag T ol	Max Di ff	Data Type 1		Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp Sync
WhlSlipF RValid_flag	0	0	0	0	0	boolean	i i i		boolean		0.01	zoh union



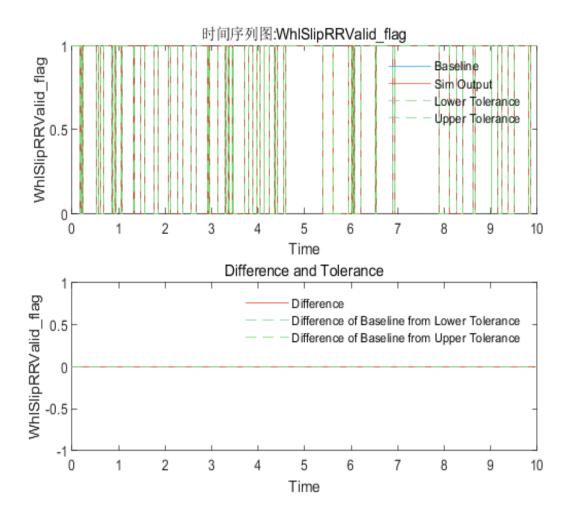
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T ol	Lag T ol	Max Di ff	Data Type 1		Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp Sync
WhlSlipR LValid_flag	0	0	0	0	0	boolean	 		boolean		0.01	zoh union



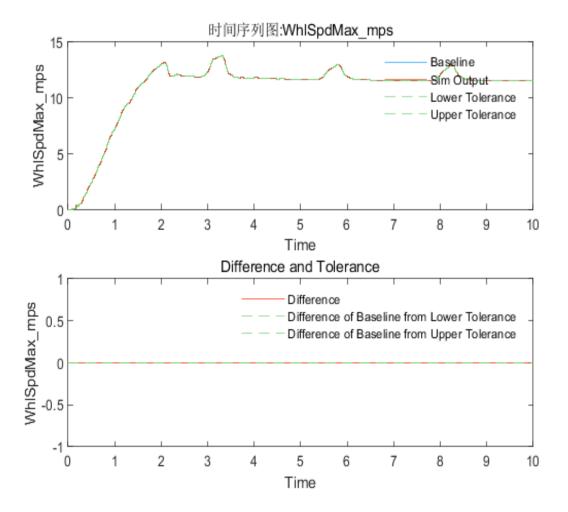
Back to Report SummaryBack to Criteria Results

Name	Abs T ol	Rel To	Lead T ol	Lag T ol	Max Di ff	Data Type 1		Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp Sync
WhlSlipR RValid_flag	0	0	0	0	0	boolean	 		boolean		0.01	zoh union



Back to Report SummaryBack to Criteria Results

Name	Abs T	Rel To	Lead T	Lag T ol	Max Di ff	Data Type 1	Sample Ti me 1	Data Type 2	Units 2	Sample Tim e 2	Interp Syn	ıc
WhlSpdM ax_mps	0	0	0	0	0	single		single		0.01	zoh unio	on



Back to Report SummaryBack to Criteria Results

Simulation

System Under Test Information

Model: SlipJudgement

Harness: SlipJudgement_Harness1

Harness Owner: SlipJudgement

Release: Current Simulation Mode: normal

Override SIL or PIL 0

Mode:

Configuration Set: Configuration1
External Input Name: Scenario1

External Input File: C:\Users\12045\Desktop\Vehicle_control_model\Vx

SpdEsti\WhlSlipJudgementTestSHEET.xls

Start Time: 0 Stop Time: 10

Checksum: 1233358531 359967911 262810233 3129330749

Simulink Version: 10.6 Model Version: 1.0 User ID: 12045

Model Path: C:\Users\12045\Desktop\SlipJudgement.slx

Machine Name: YIR

Solver Name: FixedStepDiscrete

Solver Type: Fixed-Step

Fixed Step Size: 0.01

Simulation Start Time: 2024-08-08 19:07:28 Simulation Stop Time: 2024-08-08 19:07:28

Platform: PCWIN64

Parameter Overrides

Workspace Variab	Value	Source	Model Element
le			
<i>C:\Users\12045\Desk</i>	top Vehicle_control_	model VxSpdEsti Wl	hlSlipJudgementTestSHEET.xls
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	
BiasAdd	0	mask workspace	

BiasAdd	0	mask workspace
BiasAdd	0	mask workspace
BiasAdd	0	mask workspace
BiasAdd	0	mask workspace
BiasBase	Bias1	mask workspace
BiasMult	1	mask workspace
IfRefDouble	double	mask workspace

IfRefDouble	double	mask workspace
IfRefDouble	double	mask workspace
IfRefSingle	single	mask workspace
IsSigned	IsSigned1	mask workspace

IsSigned	IsSigned1	mask workspace
IsSigned	IsSigned1	mask workspace
NumBitsAdd	0	mask workspace
NumBitsAllowFinal	1:128	mask workspace

NumBitsAllowFinal	1:128	mask workspace
NumBitsAllowFinal	1:128	mask workspace
NumBitsBase	NumBits1	mask workspace
NumBitsMult	1	mask workspace

OutMax	\square	mask workspace
OutMax	\square	mask workspace
OutMax	\square	mask workspace
OutMax		mask workspace
OutMax	\square	mask workspace
OutMax	II	mask workspace
OutMax	Π	mask workspace
OutMin	Π	mask workspace
OutMin	\square	mask workspace
OutMin	Π	mask workspace
OutMin	\square	mask workspace
OutMin	Π	mask workspace
OutMin	II	mask workspace
OutMin	II	mask workspace
OutMin	\square	mask workspace
OutMin	Π	mask workspace
PropDataType	fixdt(1, 16)	mask workspace
PropDataType	fixdt(1, 16)	mask workspace
PropDataType	fixdt(1, 16)	mask workspace
PropDataType	fixdt(1, 16)	mask workspace
PropDataType	fixdt(1, 16)	mask workspace

PropDataType	fixdt(1, 16)	mask workspace
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PropDataType	fixdt(1, 16)	mask workspace
PropDataType	fixdt(1, 16)	mask workspace
PropDataType	fixdt(1, 16)	mask workspace
PropDataType	fixdt(1, 16)	mask workspace
PropDataTypeMod	Inherit via propaga	mask workspace
e	tion rule	mask workspace
PropDataTypeMod		mask workspace
e	tion rute	mask workspace
PropDataTypeMod	Inherit via propaga	mask workspace
e	tion rute	Thurst Workspace
PropDataTypeMod		mask workspace
e	uon ruie	This is a second of the second
PropDataTypeMod	Inherit via propaga	mask workspace
e	tion rute	1
PropDataTypeMod		mask workspace
e D D. (. T M)	tion rute	1
	Inherit via propaga	mask workspace
Prom Data Trum a Mad	tion rute	-
	Inherit via propaga tion rule	mask workspace
PropDataTimeMed	Inherit via propaga	
	tion rule	mask workspace
PropDataTypoMod	Inherit via propaga	
e e	tion rule	mask workspace
PropDataTypeMod	Inherit via propaga	
e	tion rule	mask workspace
	Inherit via propaga	, ,
е	tion rule	mask workspace
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e	tion rule	mask workspace

PropDataTypeMod	Inherit via propaga	mask workspace	
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PropDataTypeMod	Inherit via propaga	mask workspace	
e	tion rute	mask workspace	
PropDataTypeMod	Inherit via propaga	mask workspace	
e	tion rute	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScaling	2^-10	mask workspace	
PropScalingMode	Inherit via propaga tion rule	mask workspace	
PropScalingMode	Inherit via propaga tion rule	mask workspace	
PropScalingMode	Inherit via propaga tion rule	mask workspace	
PropScalingMode	Inherit via propaga tion rule	mask workspace	
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PropScalingMode	tion rute	mask workspace	
PropScalingMode	Inherit via propaga tion rule	mask workspace	

PropScalingMode	Inherit via propaga tion rule	mask workspace
PropScalingMode	Inherit via propaga tion rule	mask workspace
PropScalingMode	Inherit via propaga tion rule	mask workspace
PropScalingMode	Inherit via propaga tion rule	mask workspace
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PropScalingMode	Inherit via propaga tion rule	mask workspace
PropScalingMode	Inherit via propaga tion rule	mask workspace
PropScalingMode	Inherit via propaga tion rule	mask workspace
PropScalingMode	Inherit via propaga tion rule	mask workspace
SlopeAdd	0	mask workspace
SlopeBase	Slope1	mask workspace
SlopeBase	Slope1	mask workspace
SlopeBase	Slope1	mask workspace

SlopeBase	Slope1	mask workspace
SlopeBase	Slope1	mask workspace
SlopeMult	1	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace

ValuesUsedBestPre	[5 -7]	ma alt zwankana aa
c	[5 -/]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
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ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
ValuesUsedBestPre c	[5 -7]	mask workspace
const	thr1	mask workspace
const	thr2	mask workspace
const	thr3	mask workspace
const	thr3	mask workspace
const		mask workspace
const	thr3	mask workspace

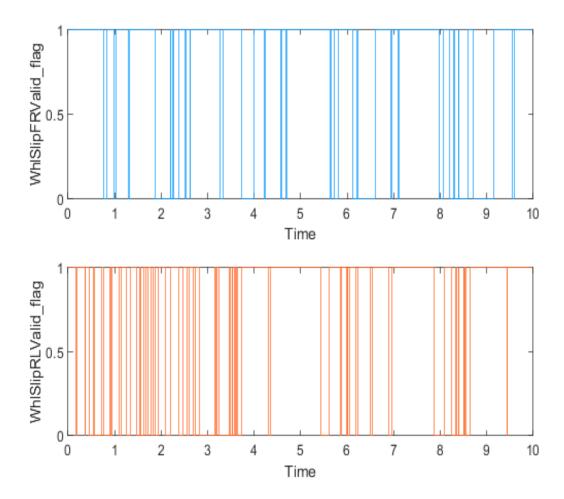
thr1	2	base workspace	SlipJudgement/Subsystem/速 差判断/Compare To Constant, SlipJudgement/S ubsystem/速差判断/Compare To Constant1, SlipJudgement/ Subsystem/速差判断/Compare To Constant2, SlipJudgement/ Subsystem/速差判断/Compare To Constant3
thr2	0.5	base workspace	SlipJudgement/Subsystem/加速度差判断/Compare To Constant, SlipJudgement/Subsystem/加速度差判断/Compare To Constant1, SlipJudgement/Subsystem/加速度差判断/Compare To Constant2, SlipJudgement/Subsystem/加速度差判断/Compare To Constant3
thr3	0.8	base workspace	SlipJudgement/Subsystem/加速度差的微分的判断/Compare To Constant, SlipJudgement/Subsystem/加速度差的微分的判断/Compare To Constant1, SlipJudgement/Subsystem/加速度差的微分的判断/Compare To Constant2, SlipJudgement/Subsystem/加速度差的微分的判断/Compare To Constant3

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plo
WhlSlipFRValid_flag	boolean	!	0.01	zoh	union	<u>Link</u>

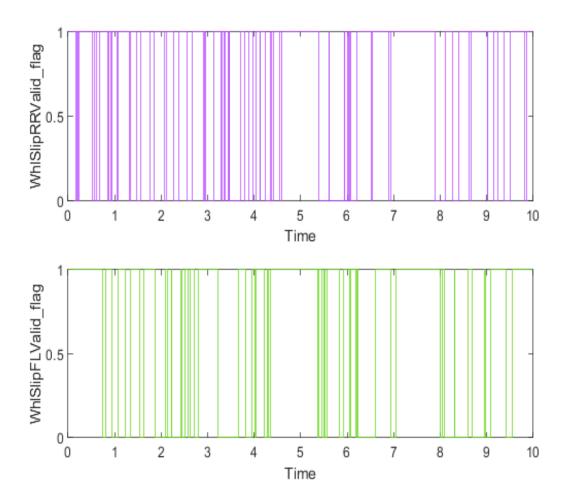
WhlSlipRLValid_flag	boolean	0.01	zoh	union	<u>Link</u>
WhlSlipRRValid_flag	boolean	0.01	zoh	union	<u>Link</u>
WhlSlipFLValid_flag	boolean	0.01	zoh	union	<u>Link</u>
加速度差	boolean	0.01	zoh	union	<u>Link</u>
加速度差的微分	boolean	0.01	zoh	union	<u>Link</u>
速差	boolean	0.01	zoh	union	<u>Link</u>
Divide:1	single	0.01	zoh	union	<u>Link</u>
Divide4:1	single	0.01	zoh	union	<u>Link</u>
Add:1	single	0.01	zoh	union	<u>Link</u>
WhlSlipFLValid_flag	boolean	0.01	zoh	union	<u>Link</u>
WhlSlipFRValid_flag	boolean	0.01	zoh	union	<u>Link</u>
WhlSlipRLValid_flag	boolean	0.01	zoh	union	<u>Link</u>
WhlSlipRRValid_flag	boolean	0.01	zoh	union	<u>Link</u>
WhlSpdMax_mps	single	0.01	zoh	union	<u>Link</u>

Name	Data Type	Units	Sample Time	Interp	Sync
WhlSlipFRValid_flag	boolean	i	0.01	zoh	union
WhlSlipRLValid_flag	boolean		0.01	zoh	union



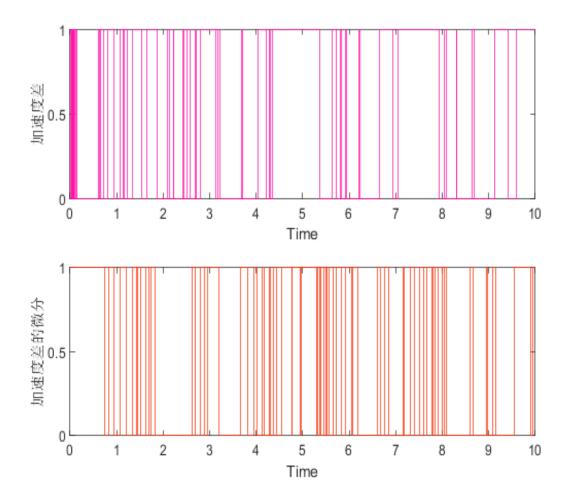
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
WhlSlipRRValid_flag	boolean		0.01	zoh	union
WhlSlipFLValid_flag	boolean		0.01	zoh	union



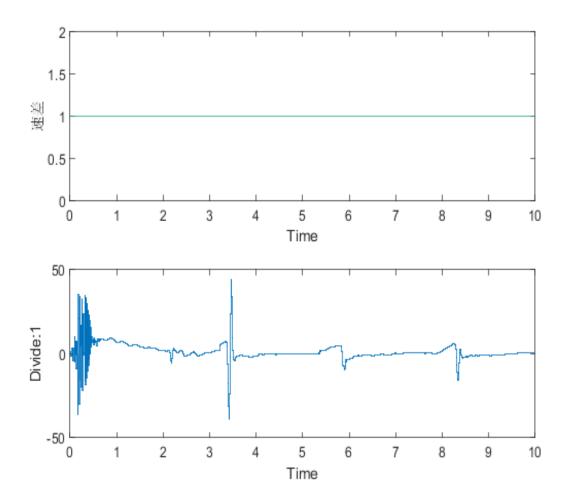
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
加速度差	boolean		0.01	zoh	union
加速度差的微分	boolean		0.01	zoh	union



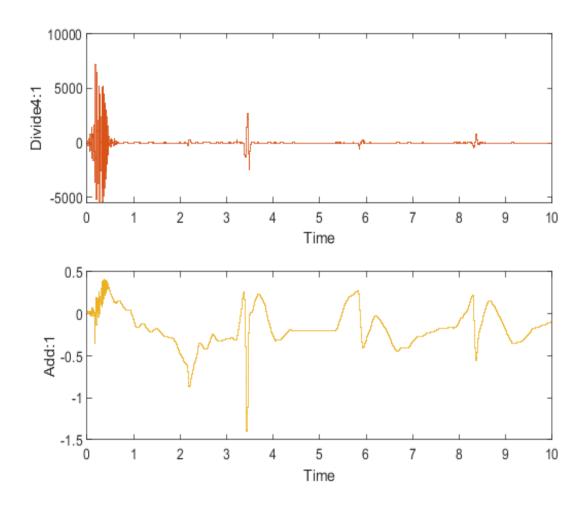
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
速差	boolean		0.01	zoh	union
Divide:1	single		0.01	zoh	union



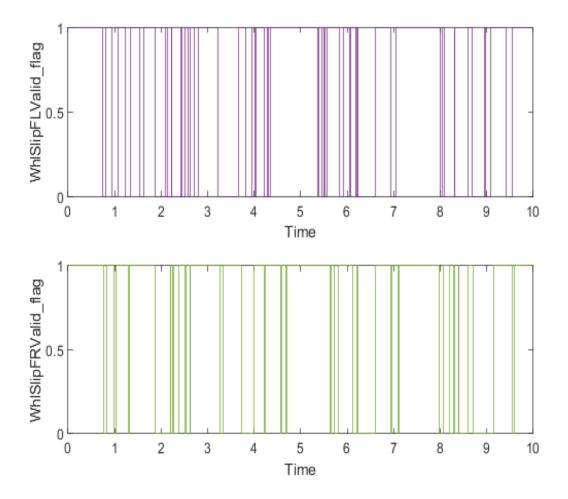
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Divide4:1	single		0.01	zoh	union
Add:1	single		0.01	zoh	union



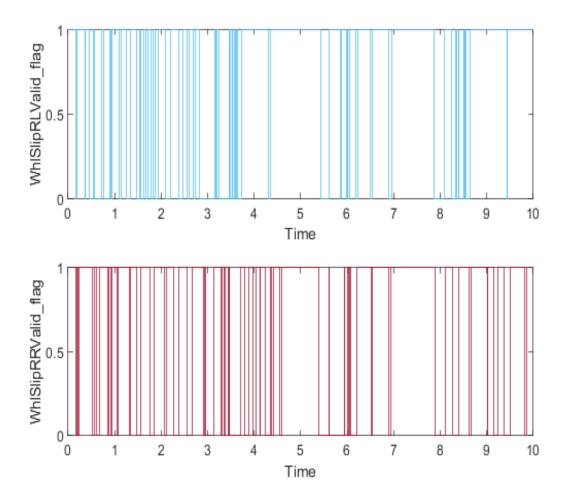
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
WhlSlipFLValid_flag	boolean		0.01	zoh	union
WhlSlipFRValid_flag	boolean		0.01	zoh	union



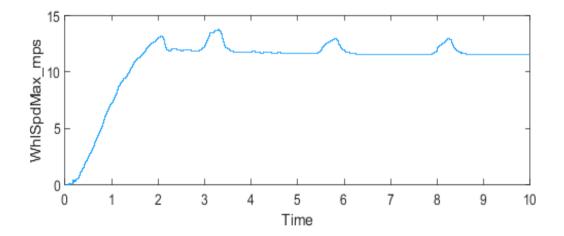
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
WhlSlipRLValid_flag	boolean		0.01	zoh	union
WhlSlipRRValid_flag	boolean		0.01	zoh	union



Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
WhlSpdMax_mps	single		0.01	zoh	union



Back to Report SummaryBack to Signal Summary