

Euro-NCAP

Euro-NCAP
v1 | v2 | v3

Unnamed Report

Euro NCAP | Frontal-Impact against Rigid Wall with 100 % Overlap at 50 km/h
v1 | v2

Report Status

	v1	v2
Overall	OK	OK
Driver	OK	OK
Head	OK	OK
HIC 15	OK	OK
Head a3ms	OK	OK
Modifier for Unstable Airbag Contact	OK	OK
Modifier for Hazardous Airbag Deployment	OK	OK
Modifier for Incorrect Airbag Deployment	OK	OK
Modifier for Displacement of Steering Column	OK	OK
Neck	OK	OK
Neck My extension	OK	OK
Neck Fz tension	OK	OK
Neck Fx shear	OK	OK
Chest	OK	OK
Chest Deflection	OK	OK
Chest VC	OK	OK
Modifier Chest Steering Wheel Contact	OK	OK
Modifier Shoulder Belt Load	OK	OK
Femur	OK	OK

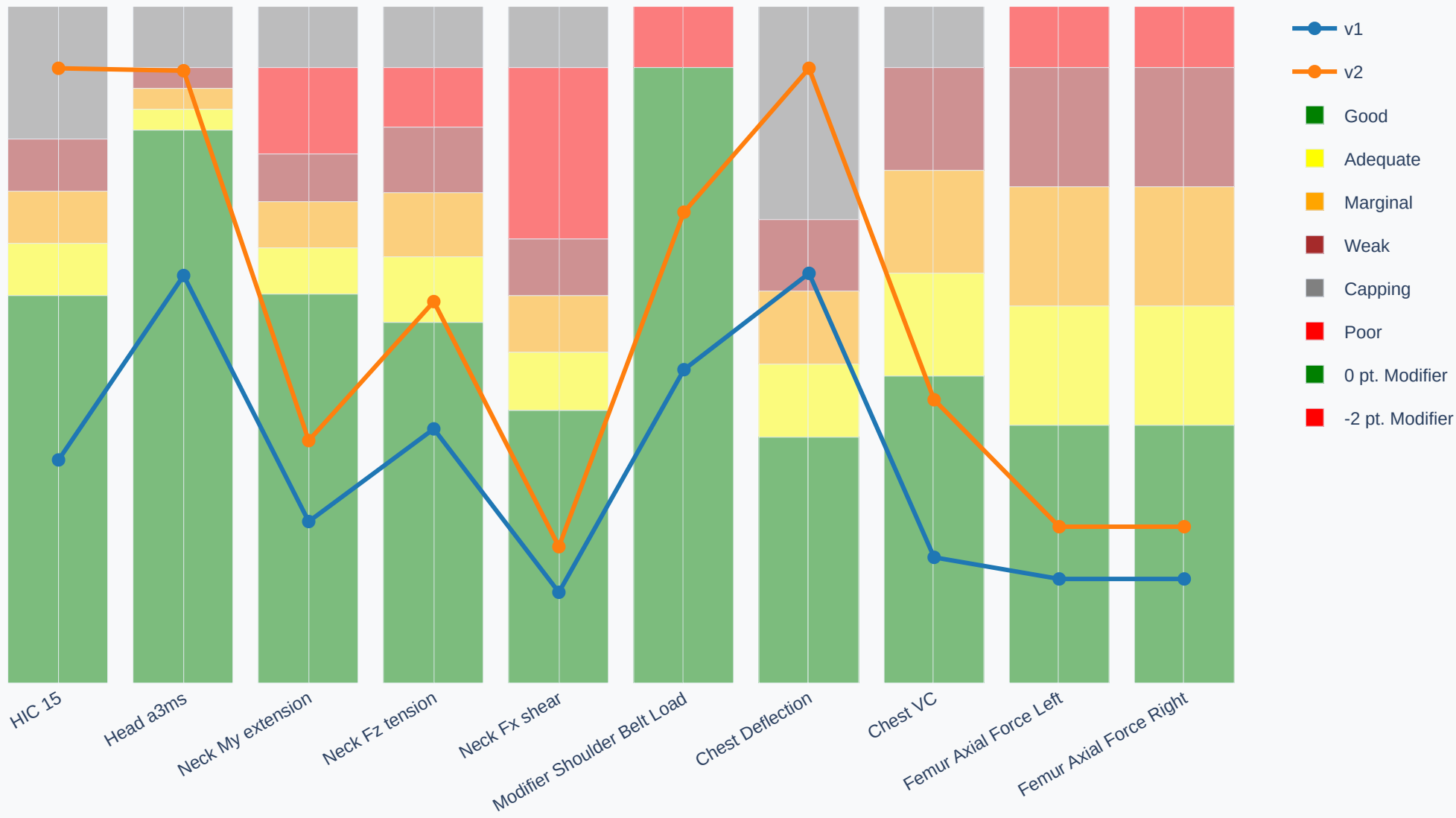
Manual Inputs

	Default	Source	v1	v2
front_passenger_meets_90_percent	True	test report	True	True
p_driver	'1'	test report	'1'	'1'
p_front_passenger	'3'	test report	'3'	'3'
p_rear_passenger	'6'	test report	'6'	'6'
steering_wheel_airbag_exists	True	test report	True	True
hard_contact	True	video	True	True (user)
unstable_airbag_contact	False	video	False	False
hazardous_airbag_deployment	False	video	False	False
incorrect_airbag_deployment	False	video	False	False
displacement_steering_column_lateral	0.0 mm	measurement	0.0 mm	0.0 mm
displacement_steering_column_rearwards	0.0 mm	measurement	0.0 mm	0.0 mm
displacement_steering_column_upwards	0.0 mm	measurement	0.0 mm	0.0 mm
steering_wheel_contact	False	video	False	False
submarining	False	video	False	False
hard_contact	True	video	True	True (user)
hazardous_airbag_deployment	False	video	False	False
incorrect_airbag_deployment	False	video	False	False
hard_contact	True	video	True	True
unstable_airbag_contact	False	video	False	False

Rating

	v1	v2
Driver	13.0	-inf
Front Passenger	13.0	-inf
Rear Passenger	13.0	-inf
Door Opening During Impact	0.0	0.0
Overall	6.5	0.0

Driver Result



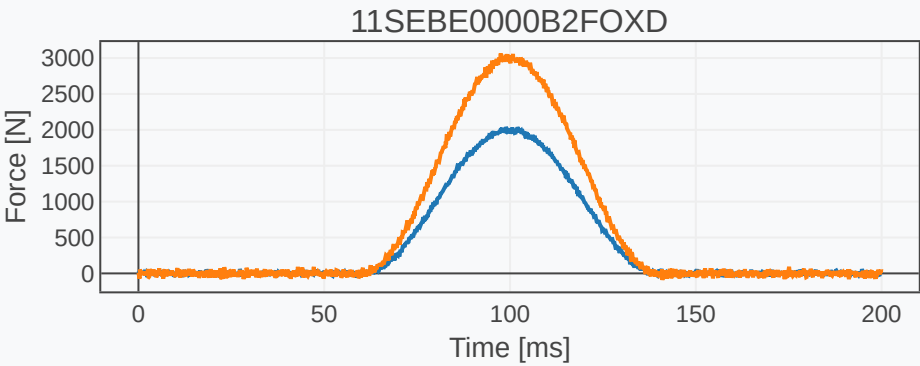
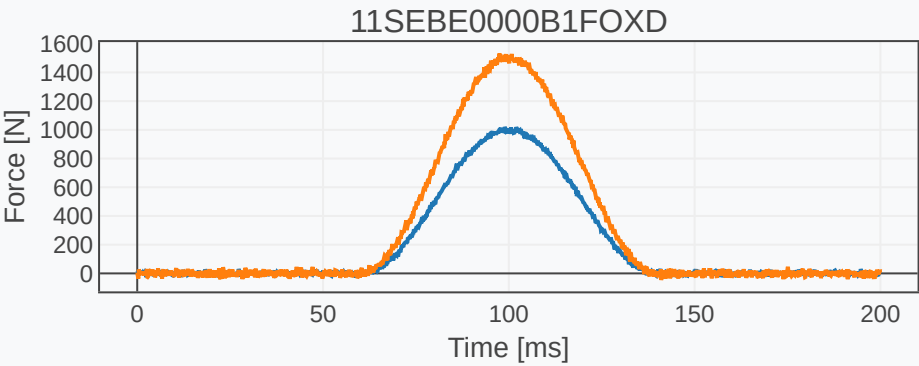
Driver Rating

	v1	v2
Head	4.0	-inf
Neck	4.0	3.6
Chest	1.0	-inf
Femur	4.0	4.0
Driver	13.0	-inf

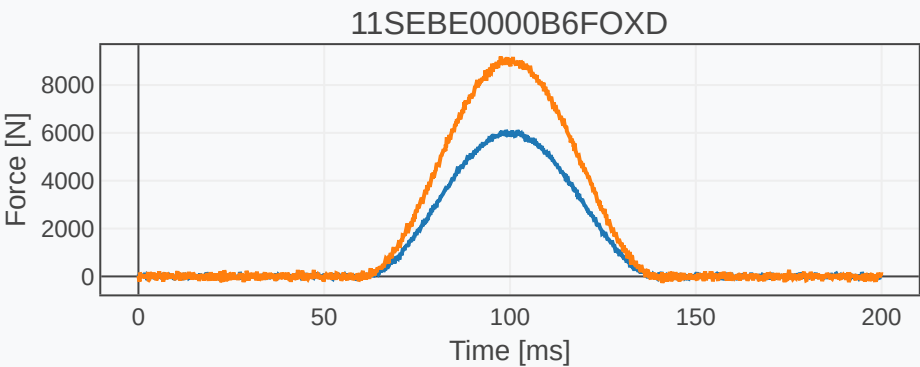
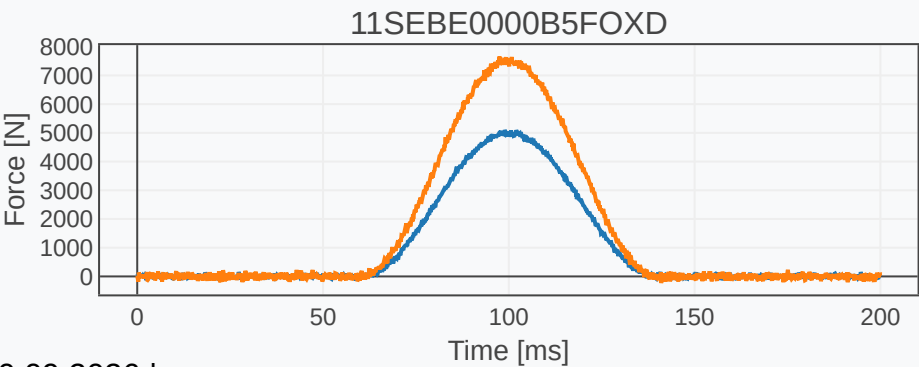
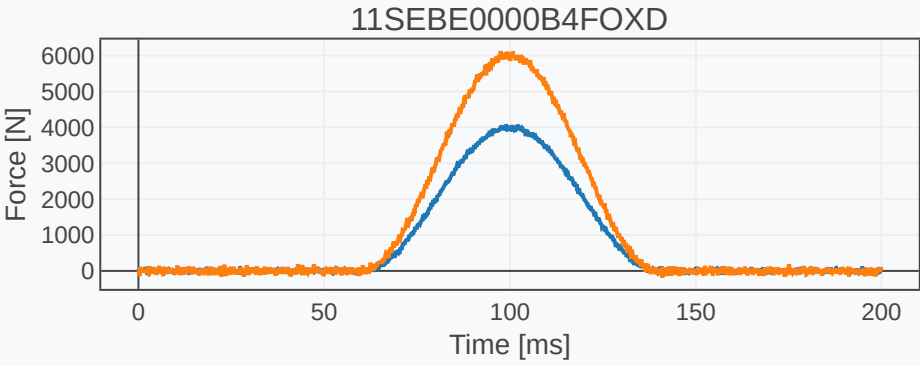
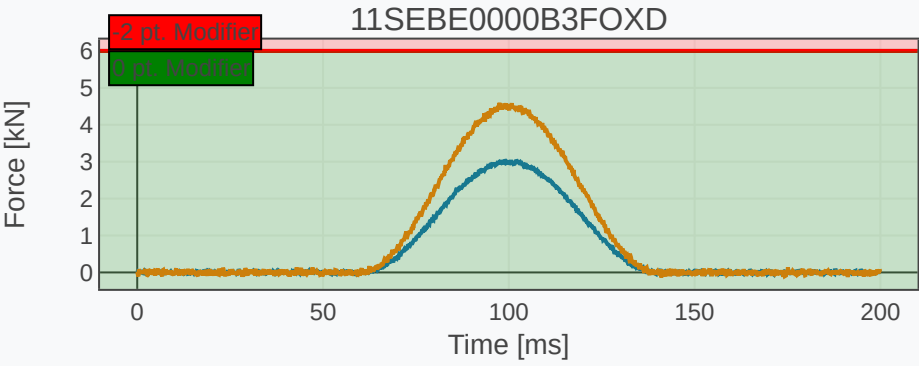
Driver Values

	v1	v2
HIC 15 []	287.9	792.3
Head a3ms [g0]	53.05	79.68
Neck My extension [N m]	-15	-22.5
Neck Fz tension [kN]	1.2	1.8
Neck Fx shear [kN]	0.4	0.6
Modifier Shoulder Belt Load [kN]	3.06	4.597
Chest Deflection [mm]	-30.04	-45.06
Chest VC [m / s]	-0.2049	-0.4611
Femur Axial Force Left [kN]	-1.053	-1.579
Femur Axial Force Right [kN]	-1.053	-1.579

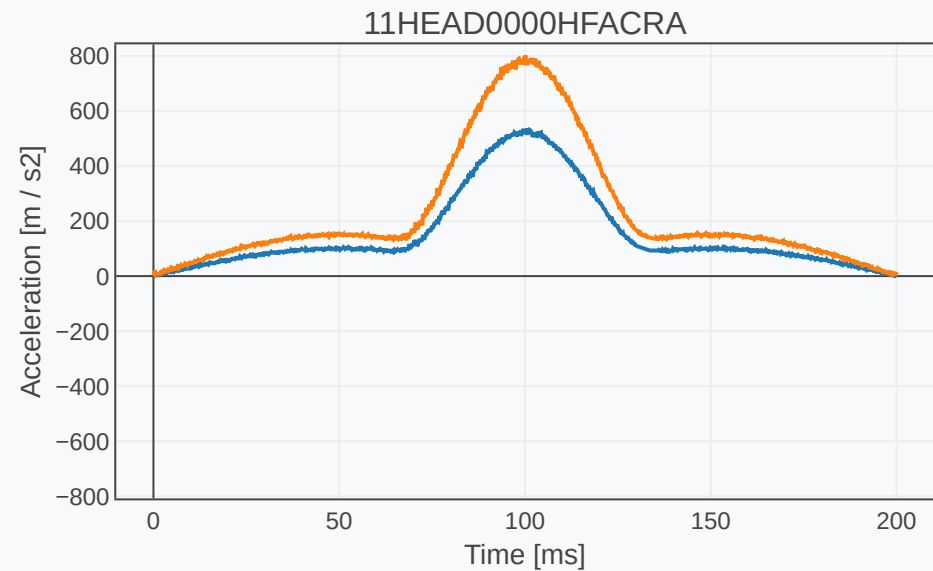
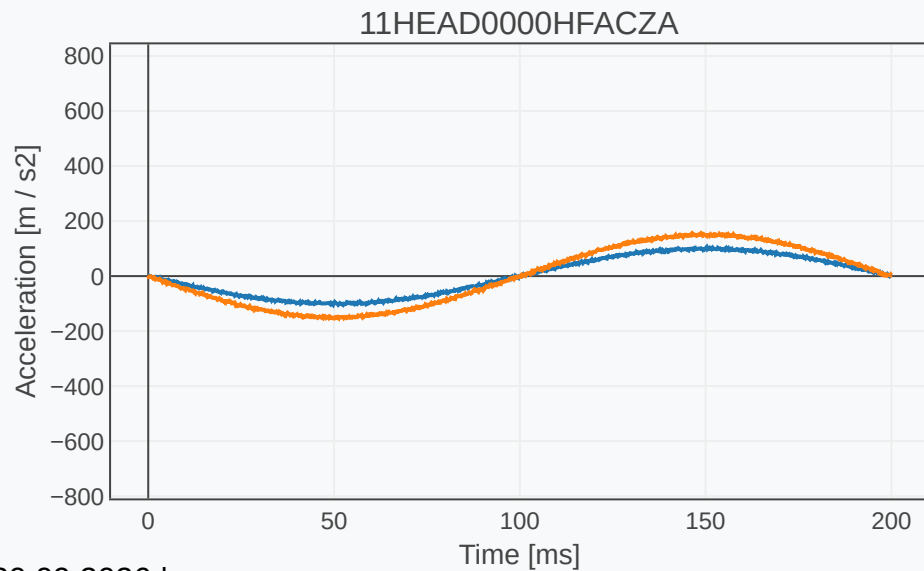
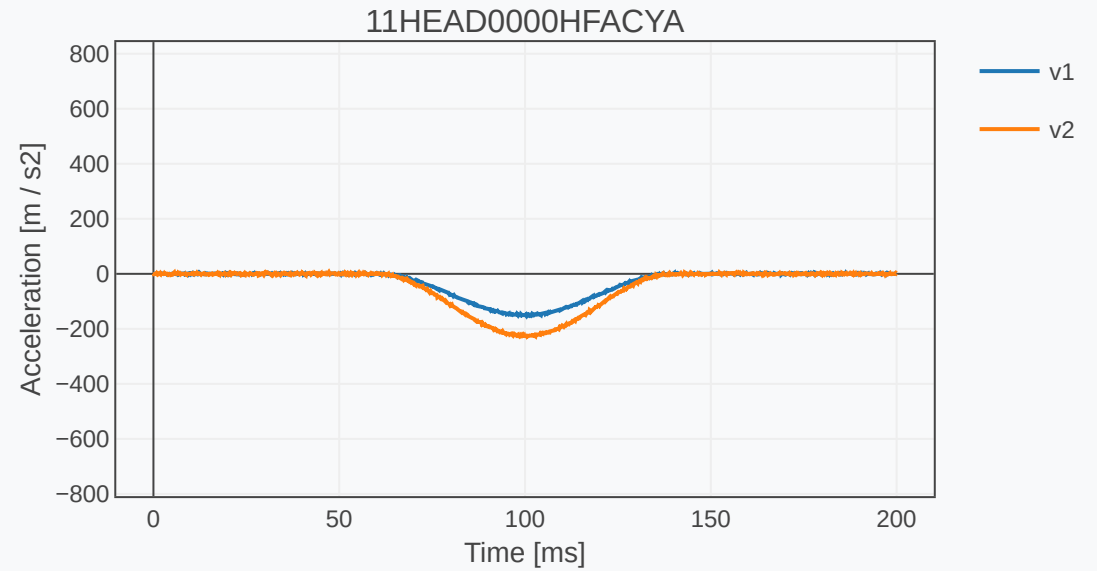
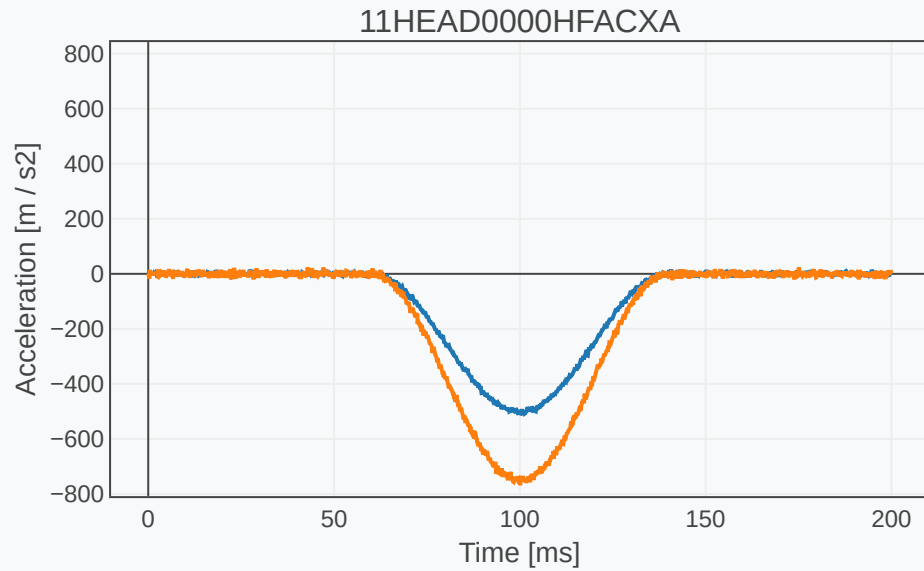
Driver Belt



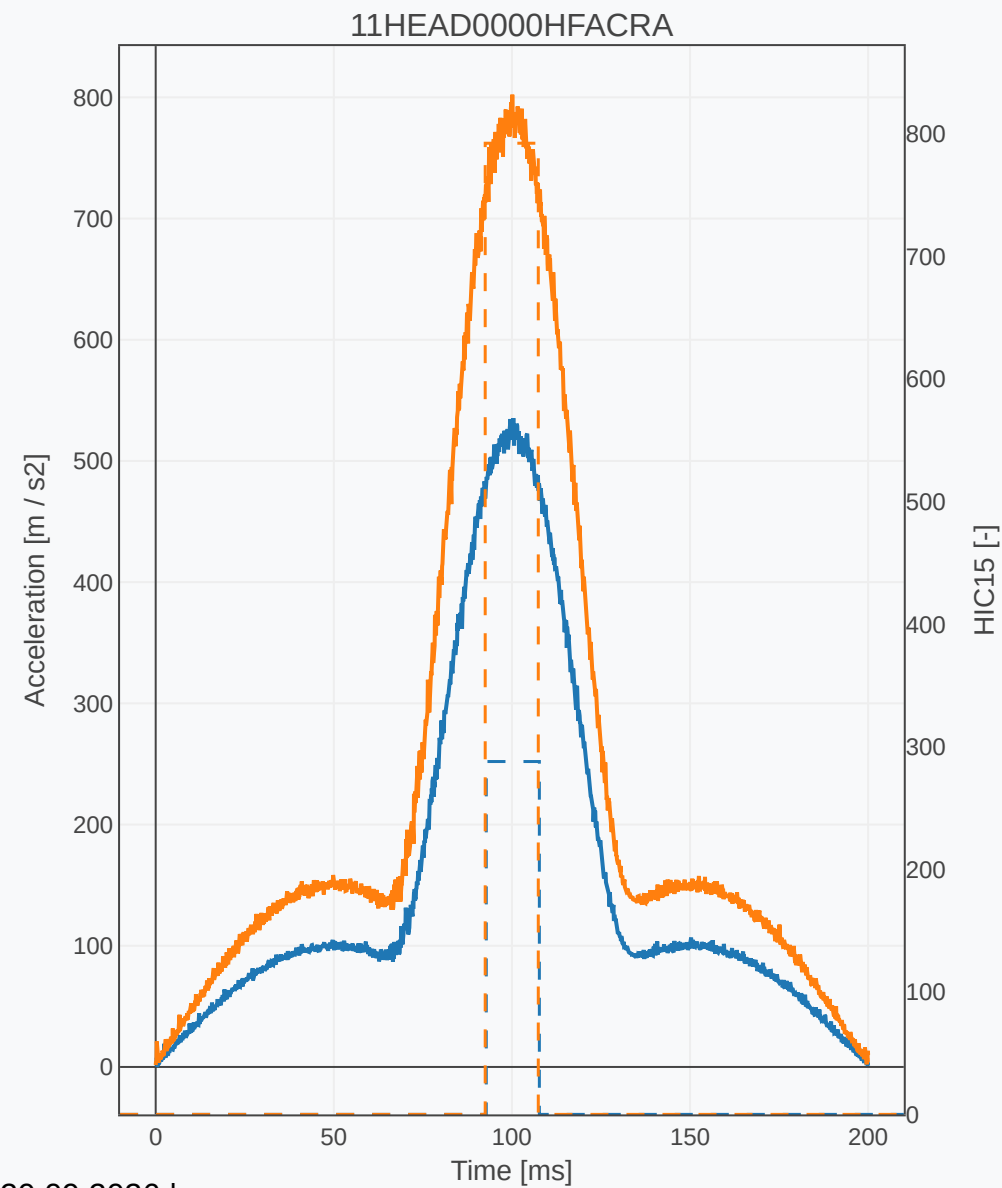
v1
v2



Driver Head Acceleration



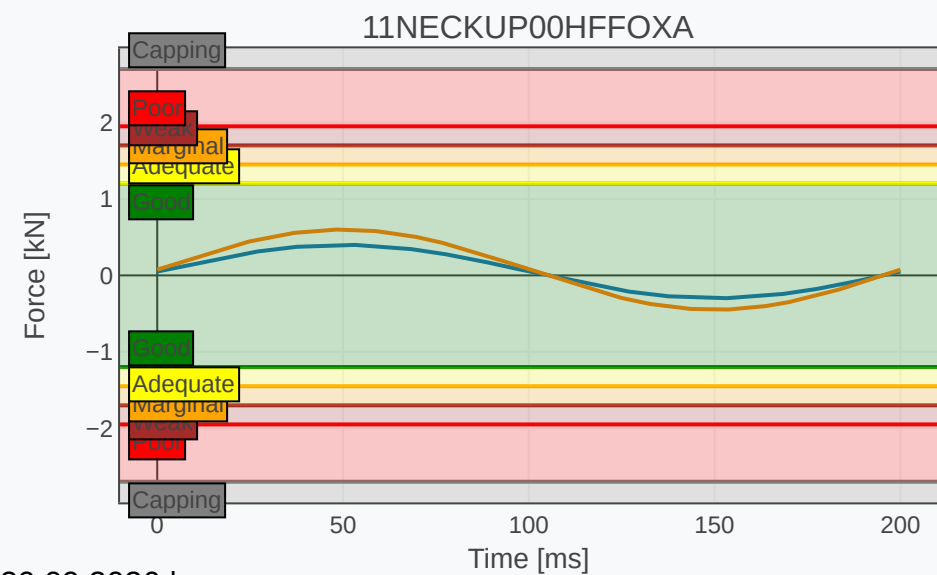
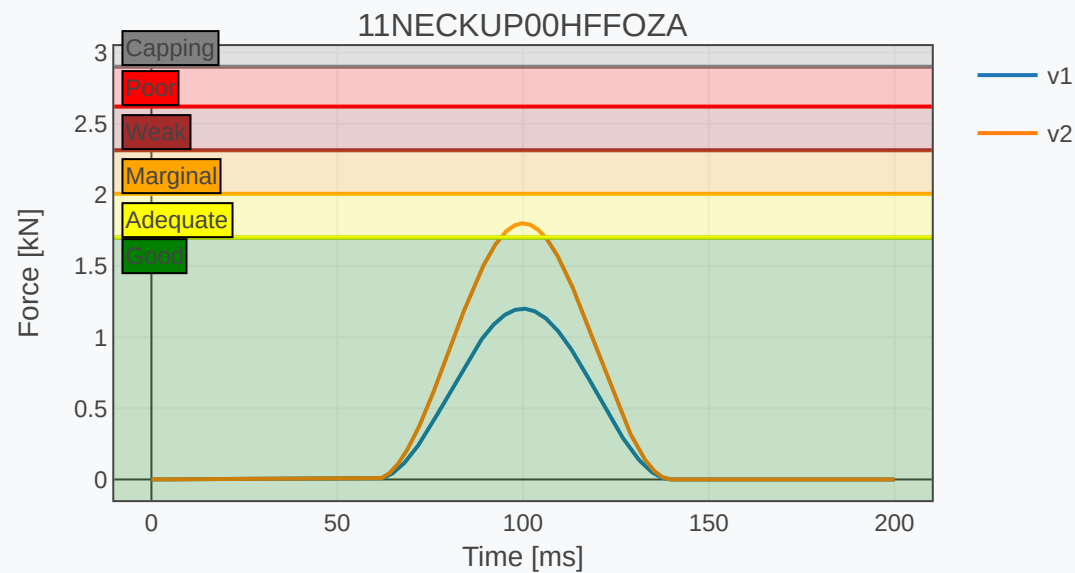
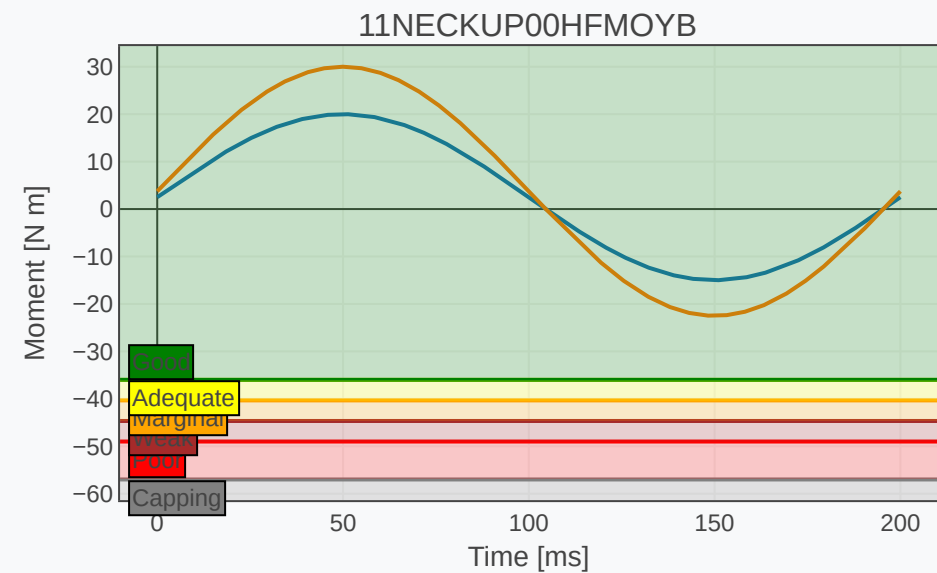
Driver HIC15



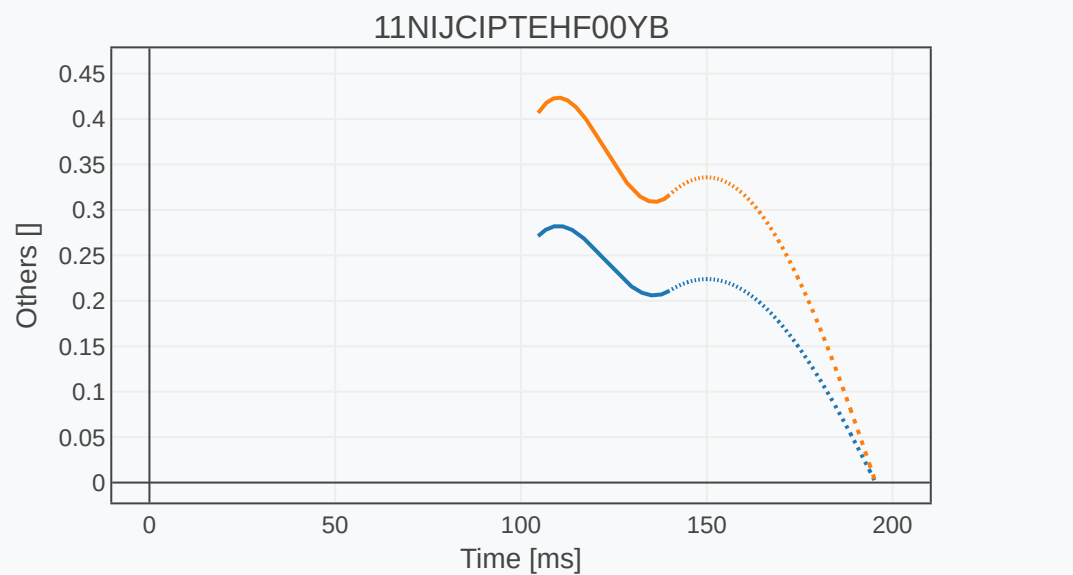
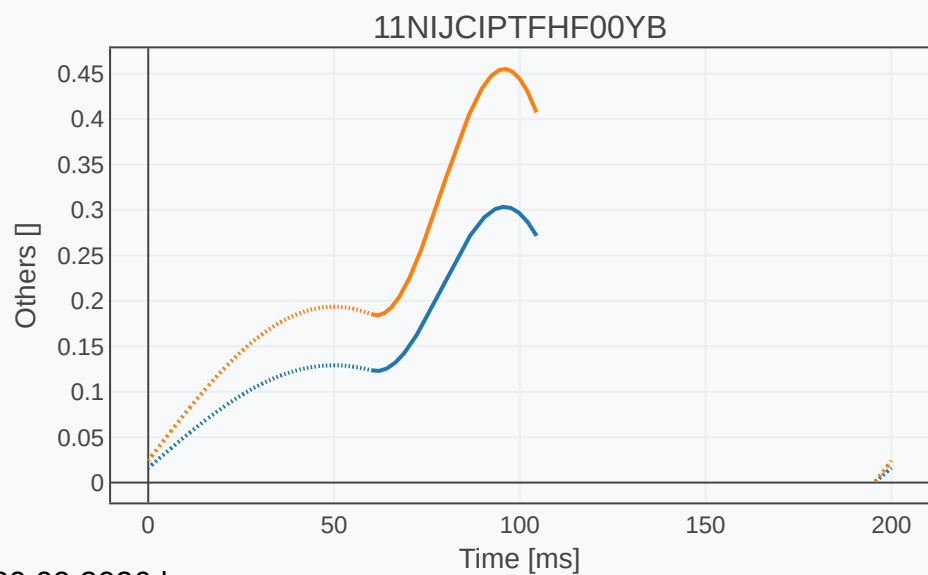
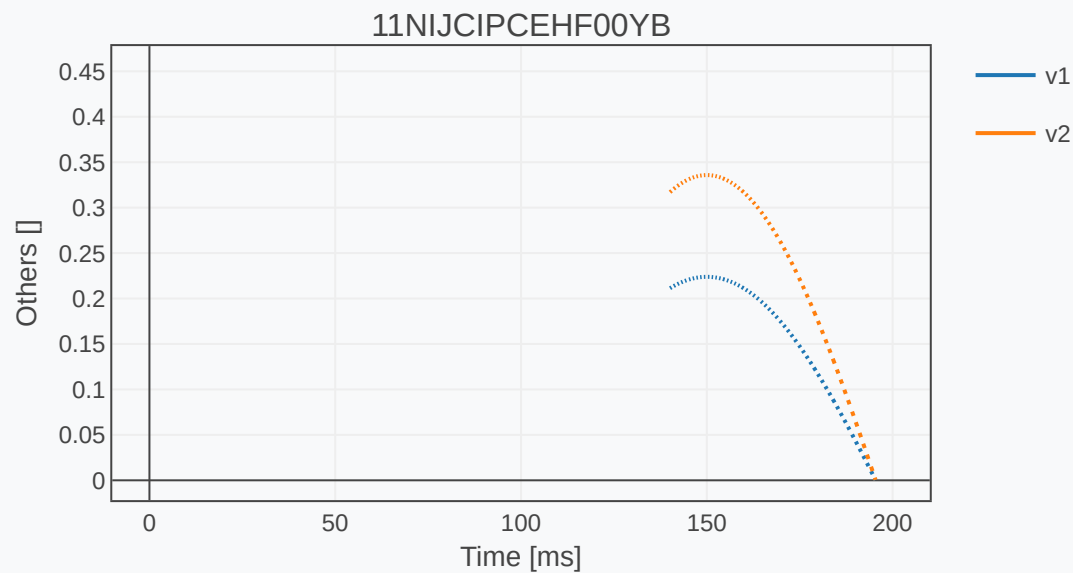
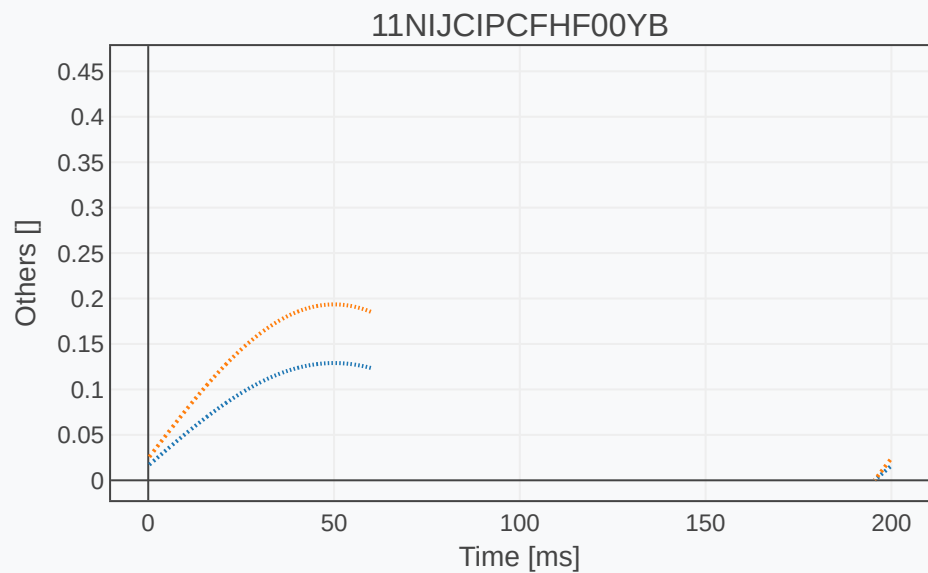
	HIC15	Start [ms]	End [ms]
v1	287.9	92.80	107.70
v2	792.3	92.50	107.40

- v1
- v2
- v1 HIC15
- v2 HIC15

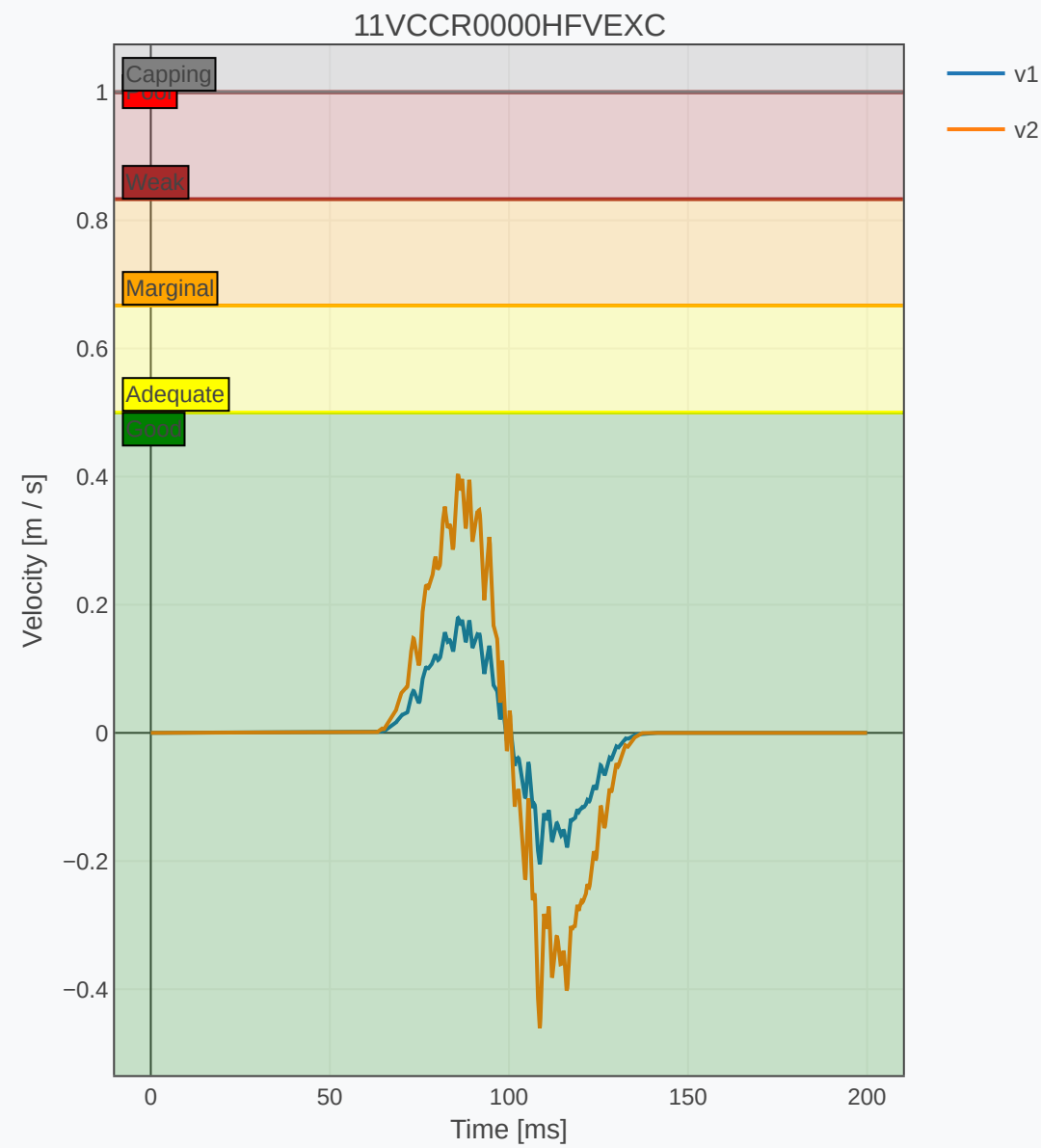
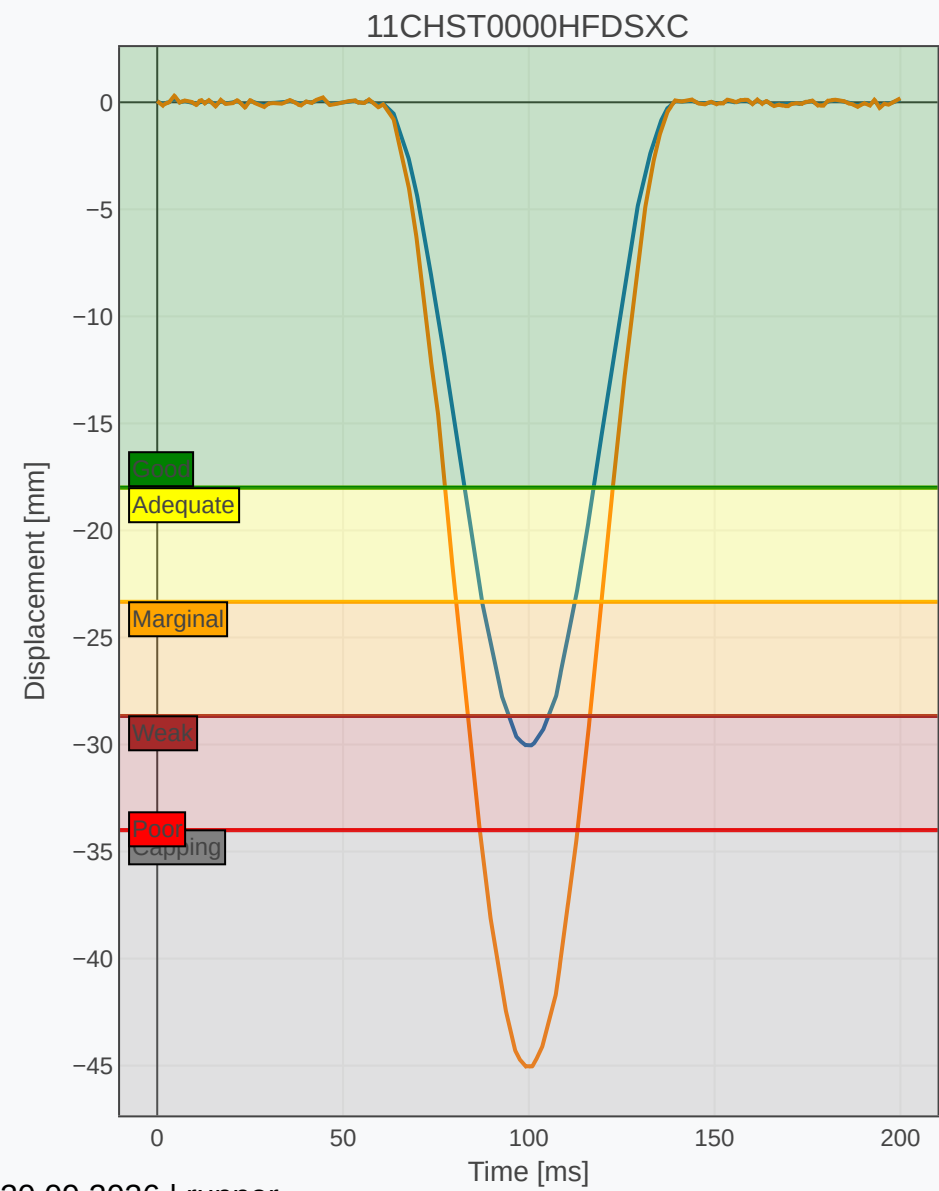
Driver Neck Load



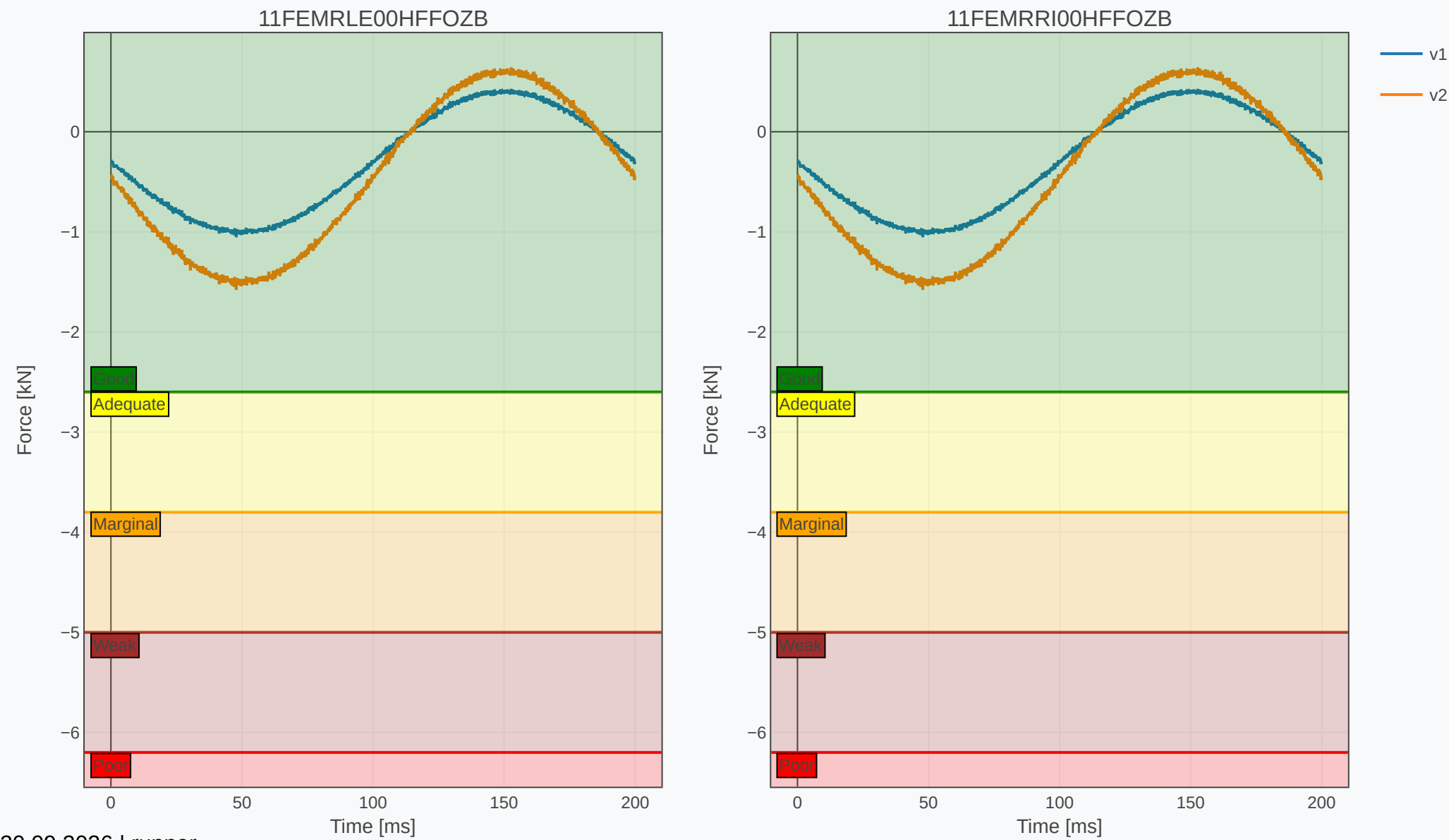
Driver Neck NIJ



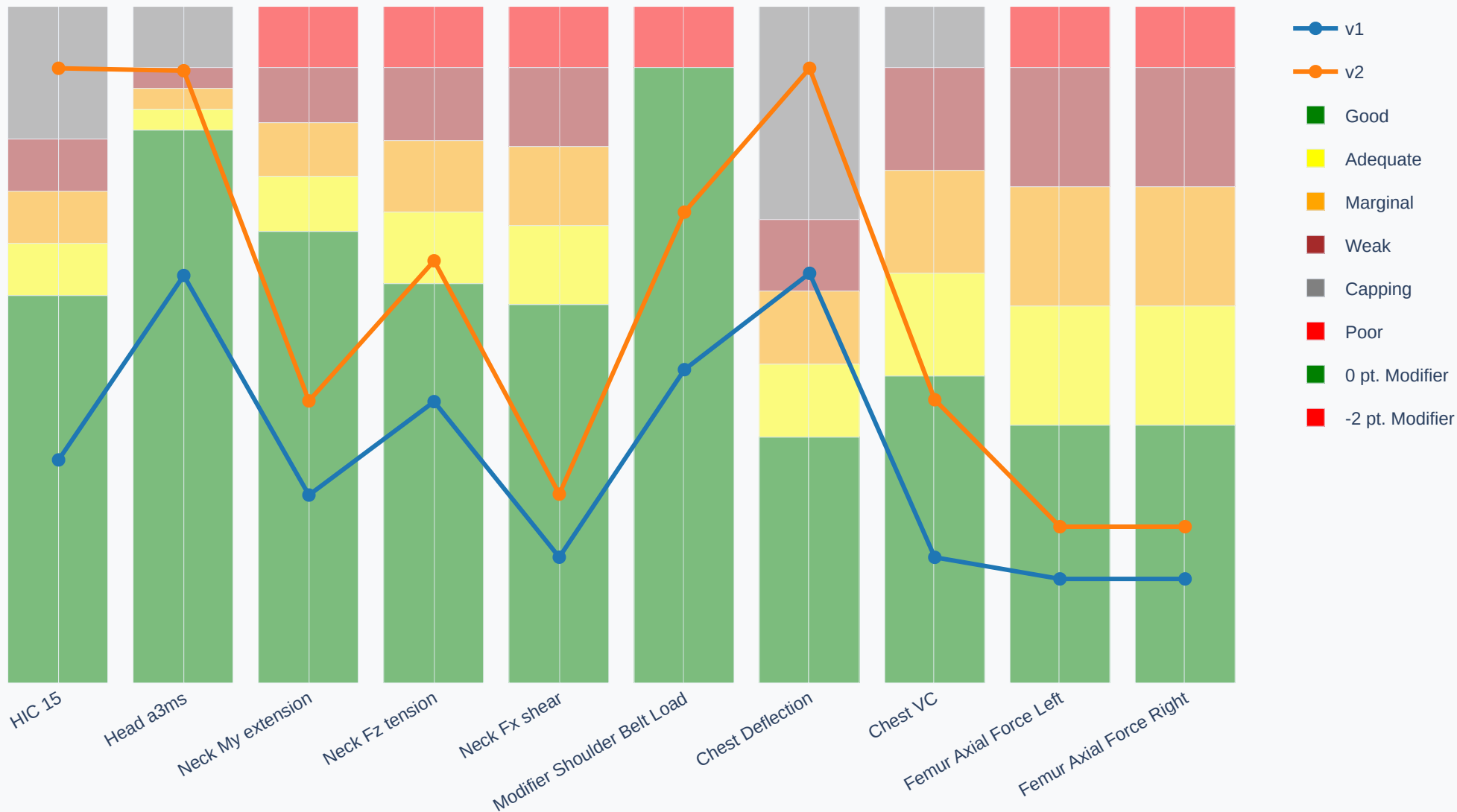
Driver Chest Deflection



Driver Femur Axial Force



Front Passenger Result



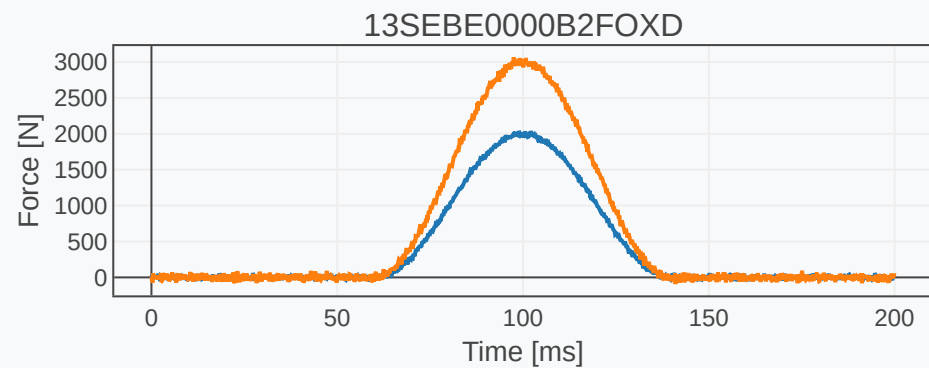
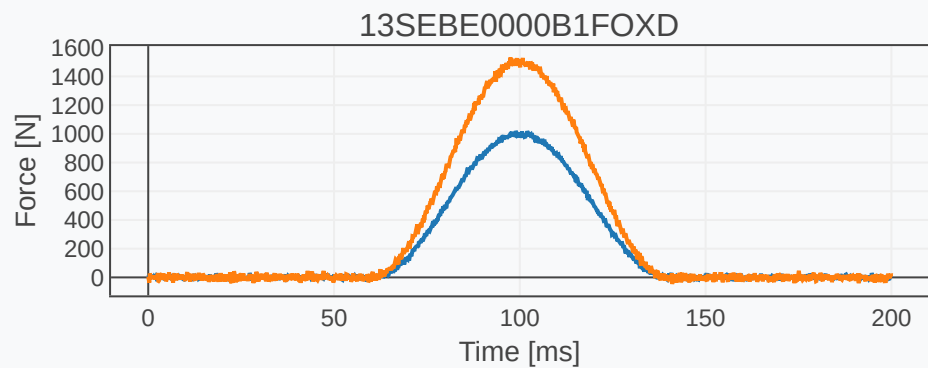
Front Passenger Rating

	v1	v2
Head	4.0	-inf
Neck	4.0	3.6
Chest	1.0	-inf
Femur	4.0	4.0
Front Passenger	13.0	-inf

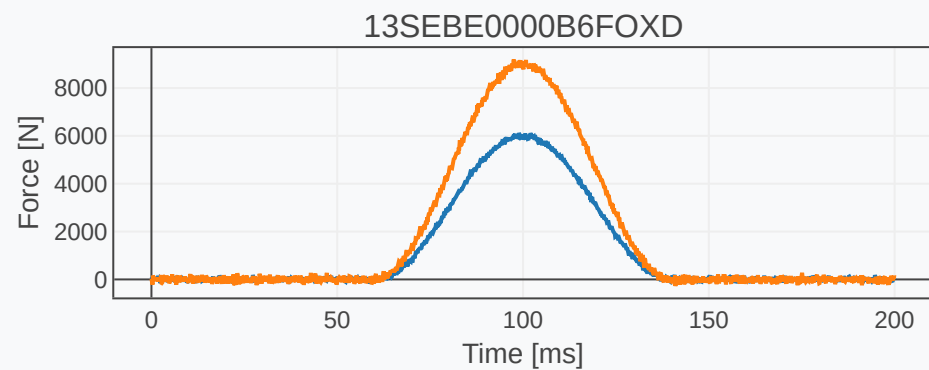
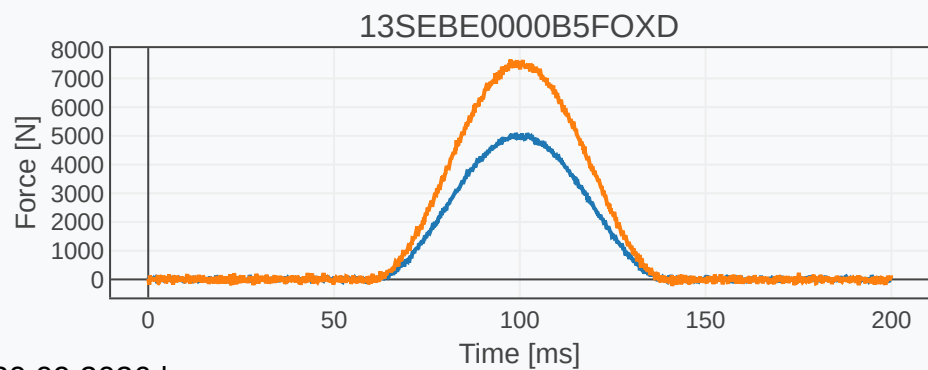
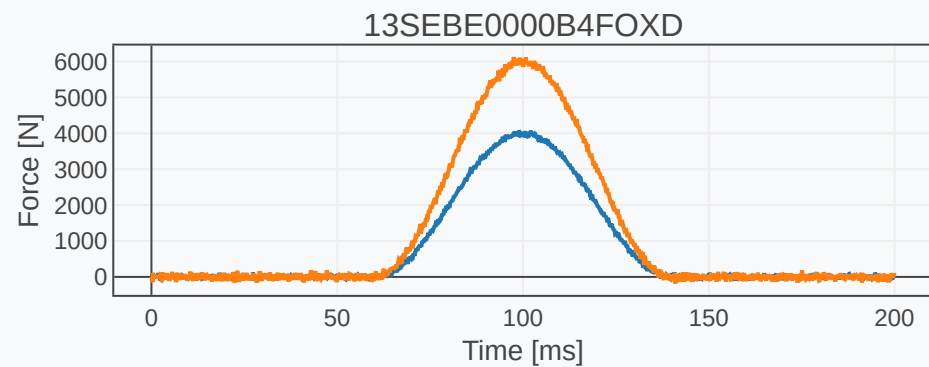
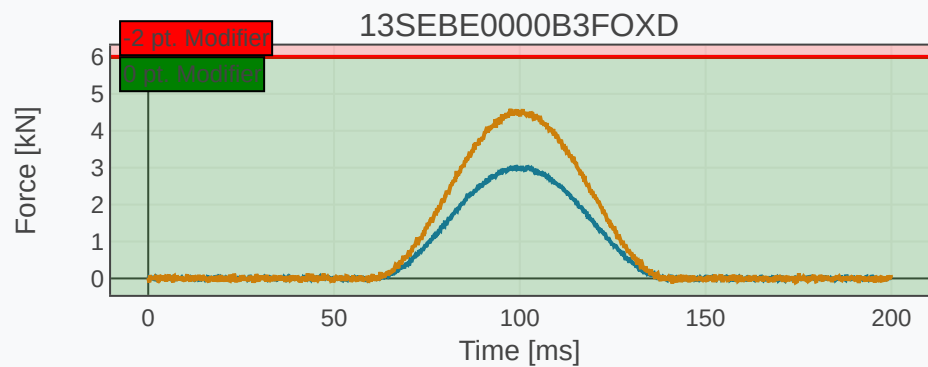
Front Passenger Values

	v1	v2
HIC 15 []	287.9	792.3
Head a3ms [g0]	53.05	79.68
Neck My extension [N m]	-15	-22.5
Neck Fz tension [kN]	1.2	1.8
Neck Fx shear [kN]	0.4	0.6
Modifier Shoulder Belt Load [kN]	3.06	4.597
Chest Deflection [mm]	-30.04	-45.06
Chest VC [m / s]	-0.2049	-0.4611
Femur Axial Force Left [kN]	-1.053	-1.579
Femur Axial Force Right [kN]	-1.053	-1.579

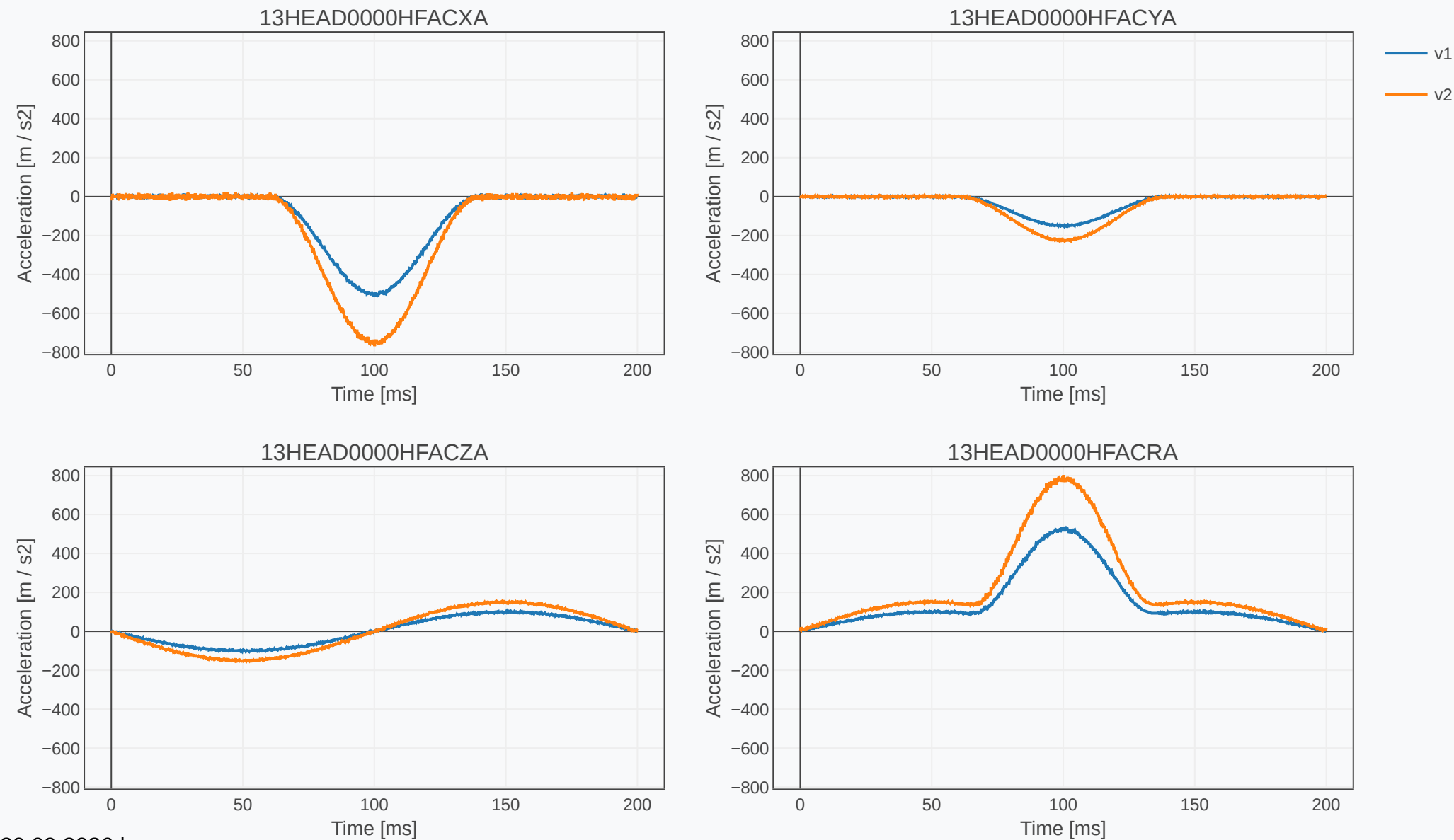
Front Passenger Belt



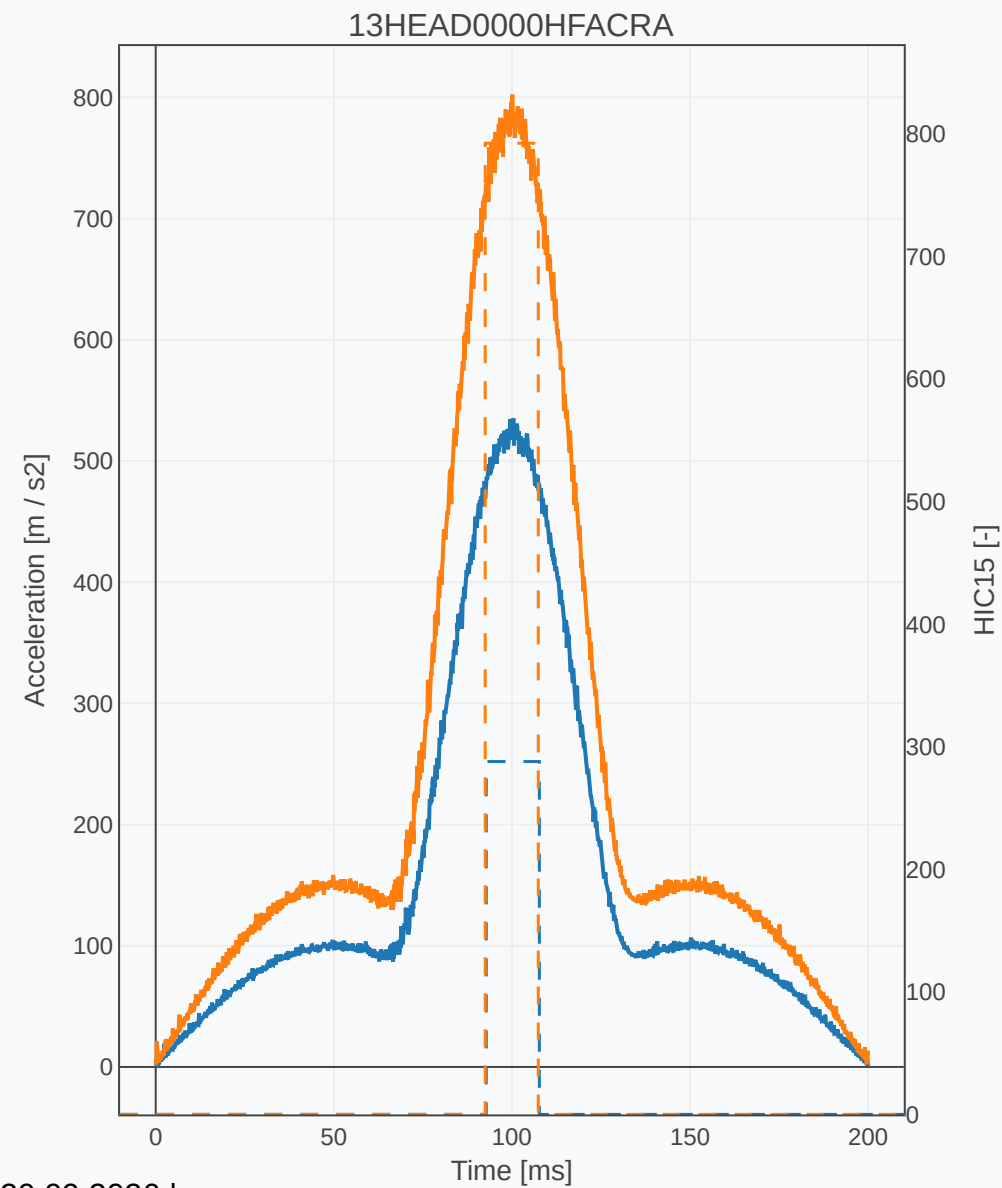
v1
v2



Front Passenger Head Acceleration



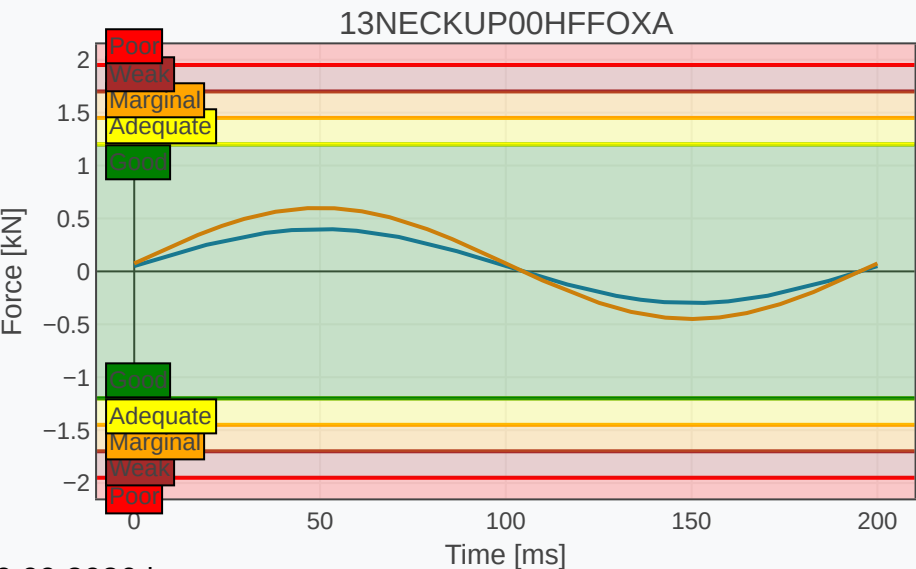
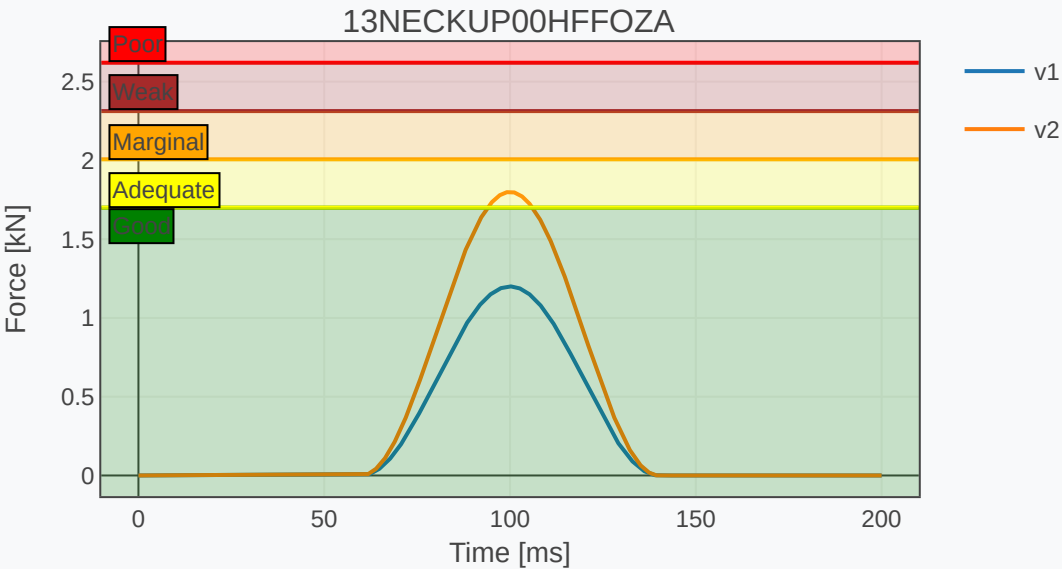
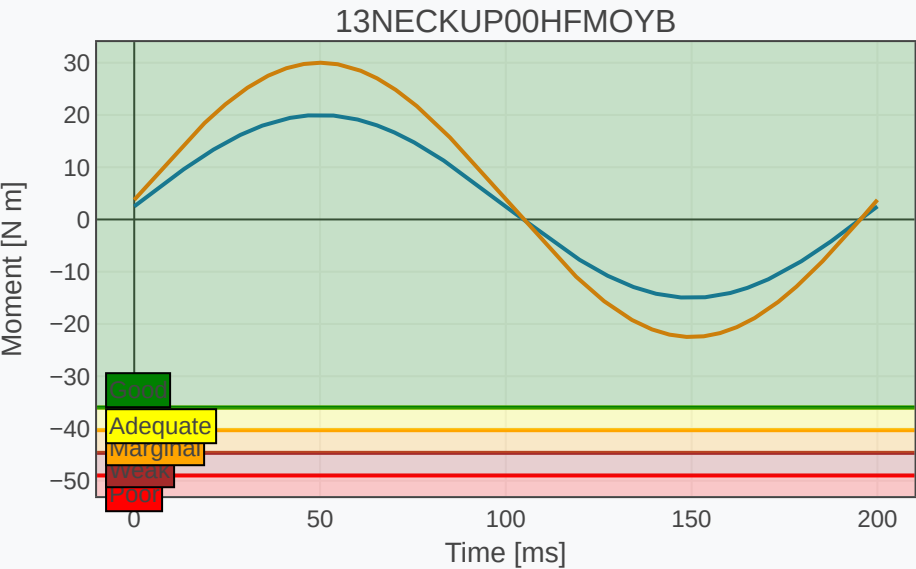
Front Passenger HIC15



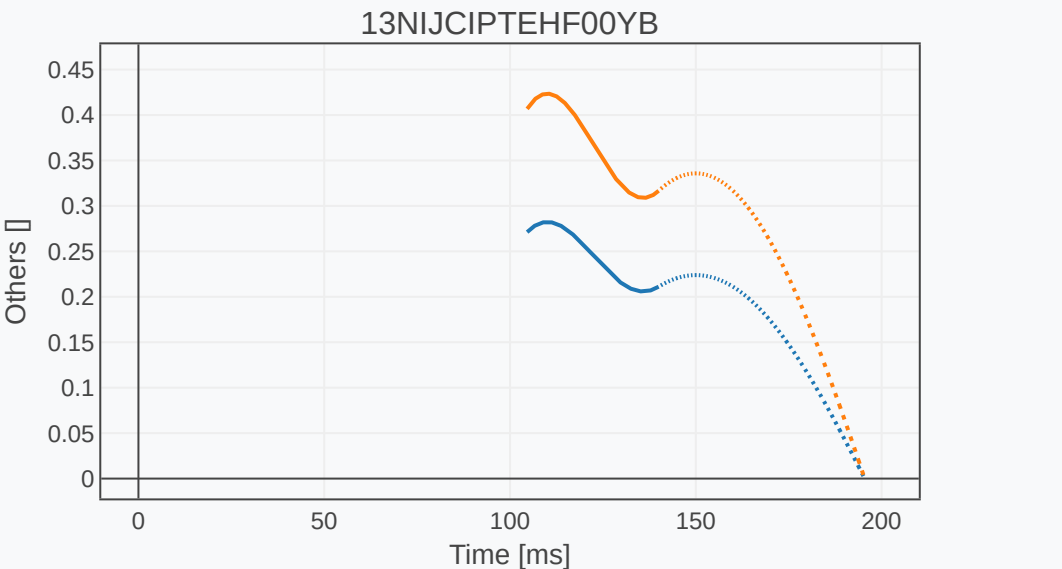
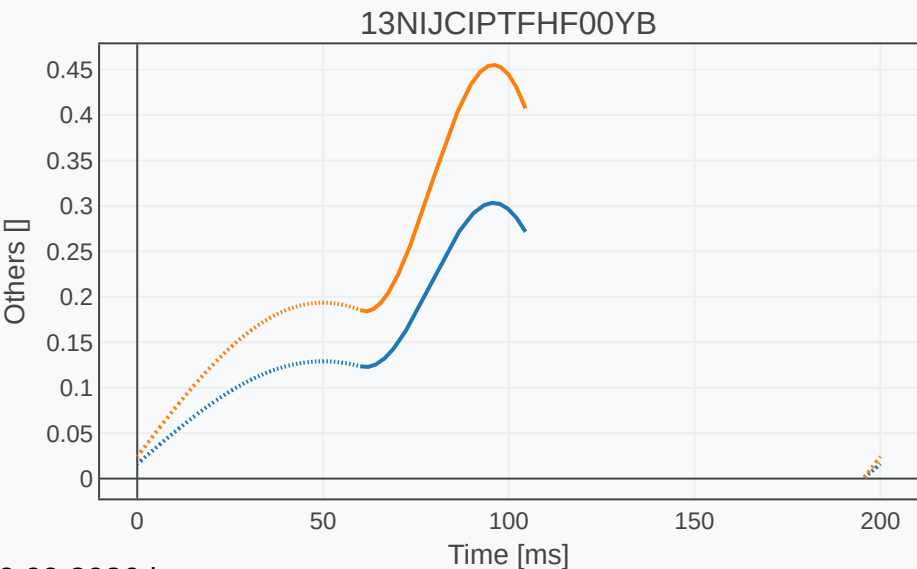
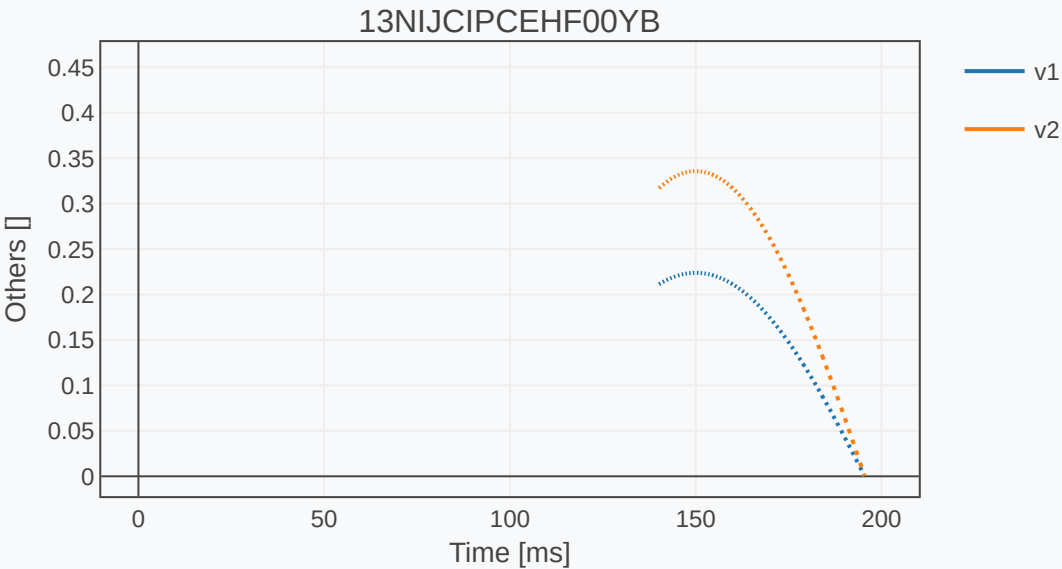
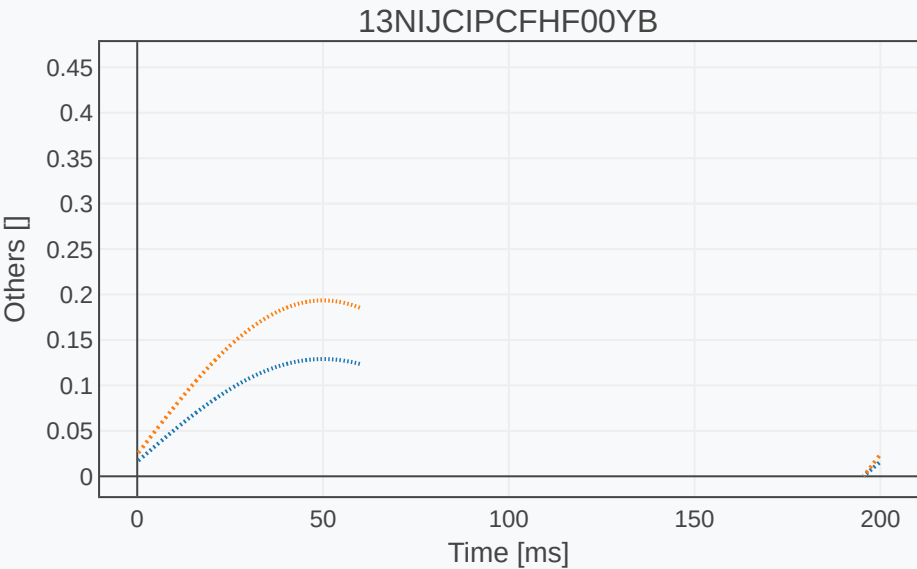
	HIC15	Start [ms]	End [ms]
v1	287.9	92.80	107.70
v2	792.3	92.50	107.40

- v1
- v2
- v1 HIC15
- v2 HIC15

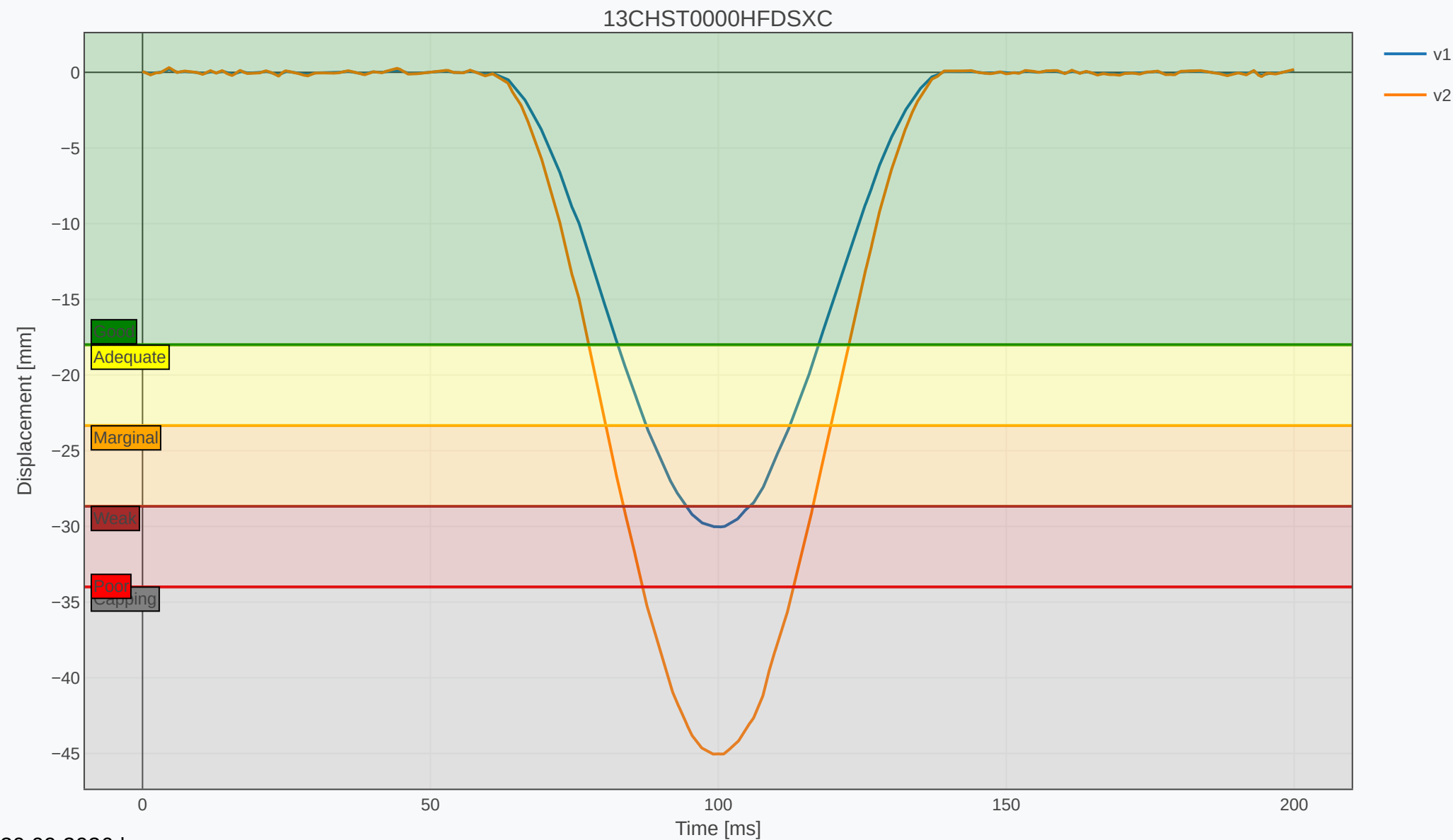
Front Passenger Neck Load



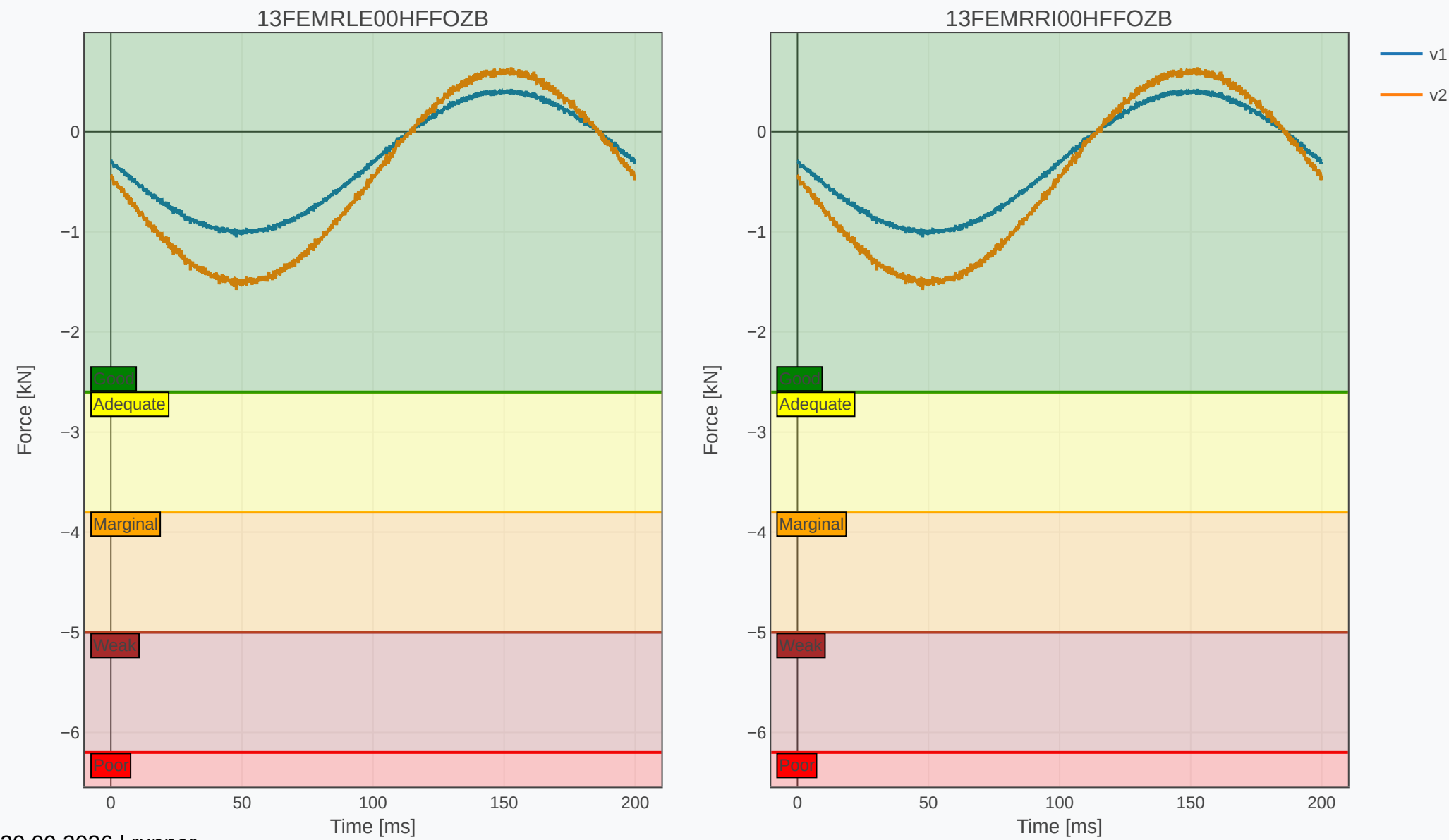
Front Passenger Neck NIJ



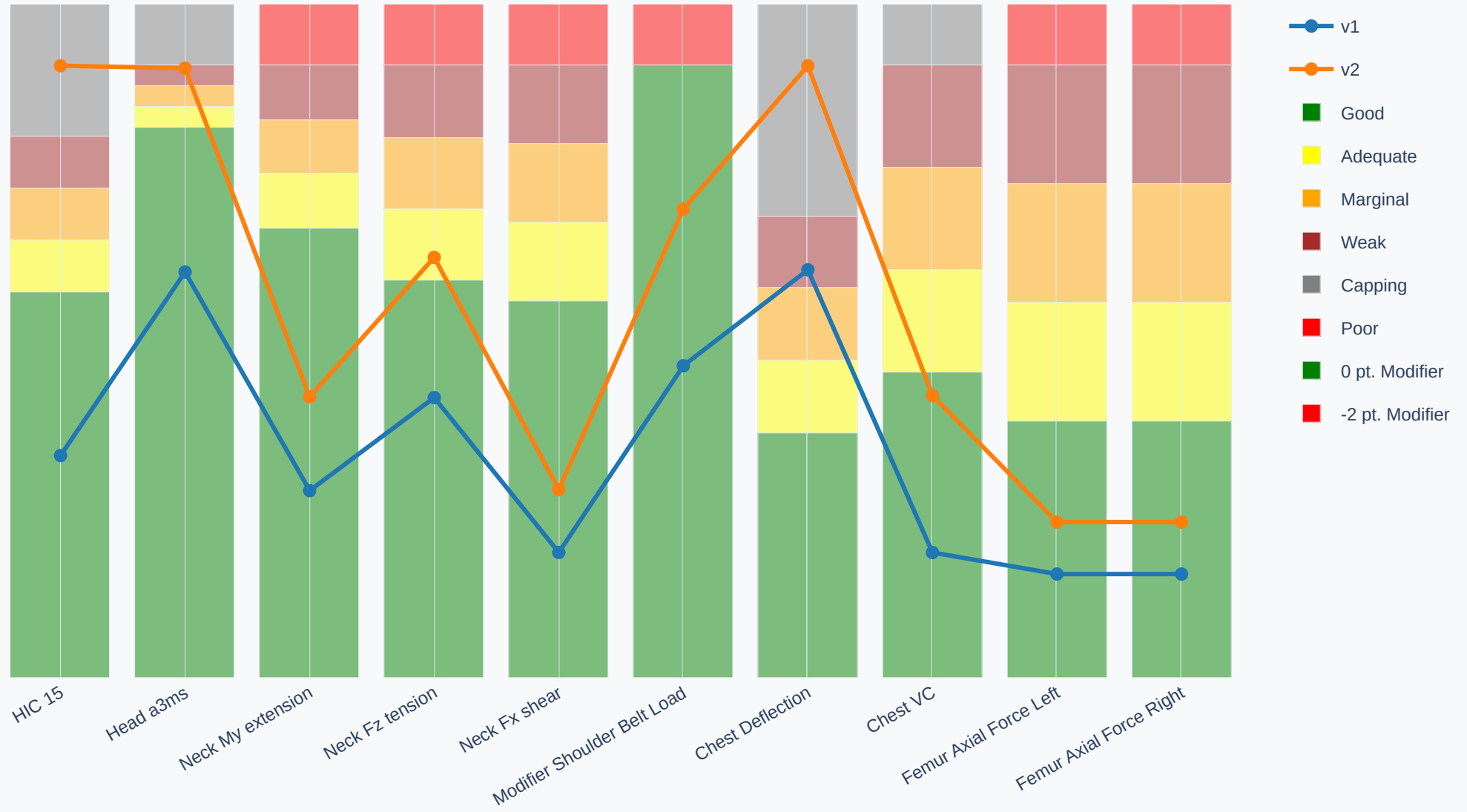
Front Passenger Chest Deflection



Front Passenger Femur Axial Force



Rear Passenger Result



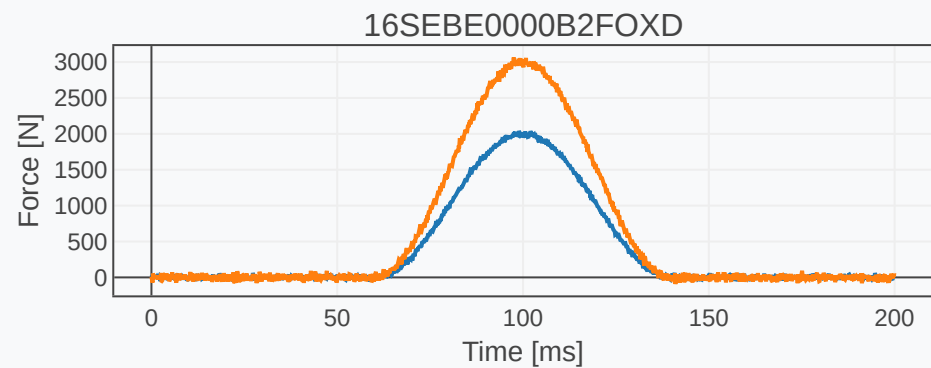
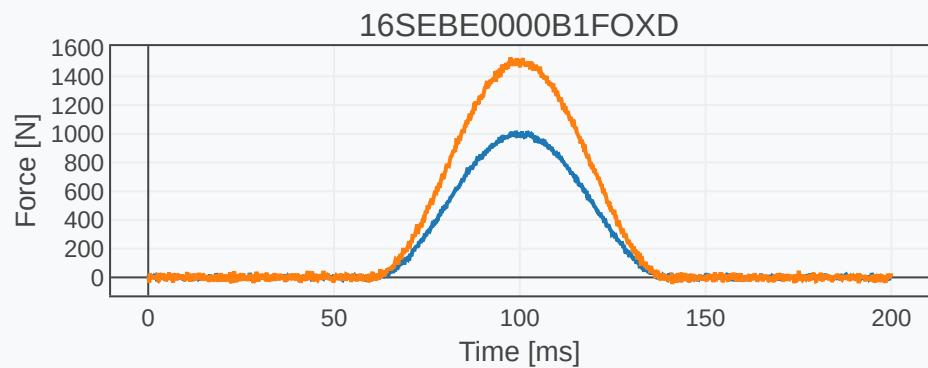
Rear Passenger Result

	v1	v2
Head	4.0	-inf
Neck	4.0	3.9
Chest	1.0	-inf
Femur	4.0	4.0
Rear Passenger	13.0	-inf

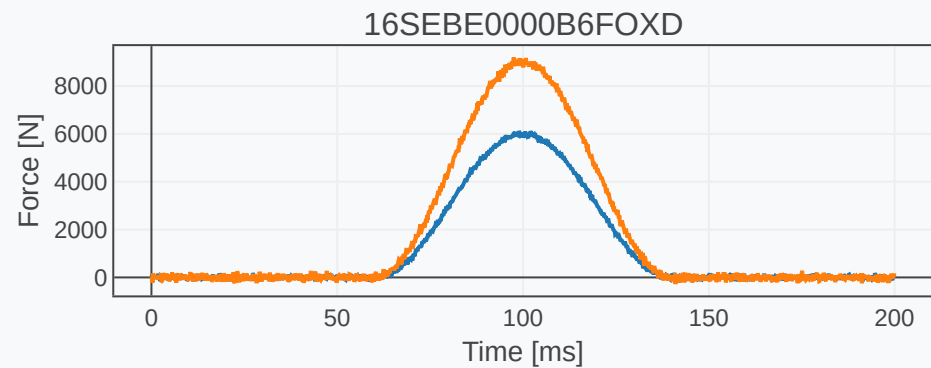
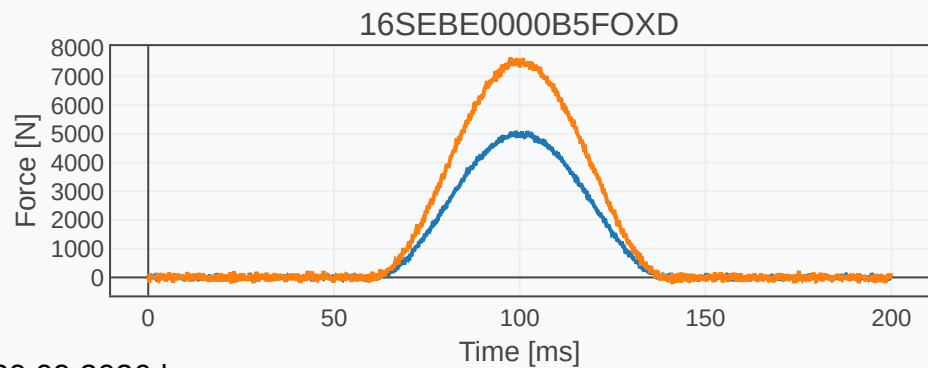
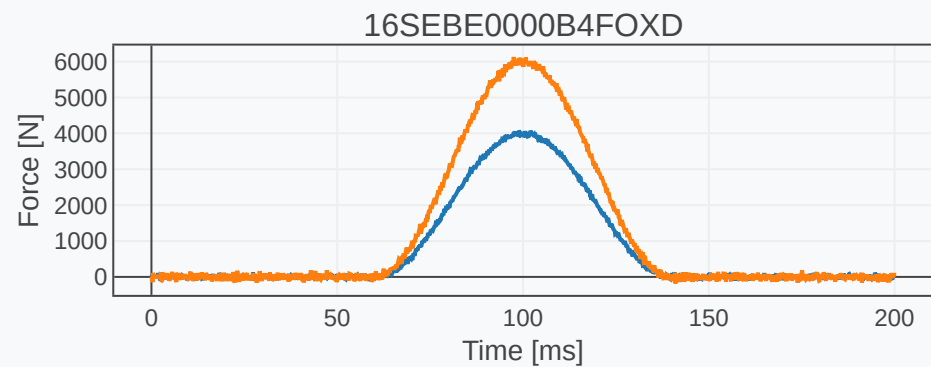
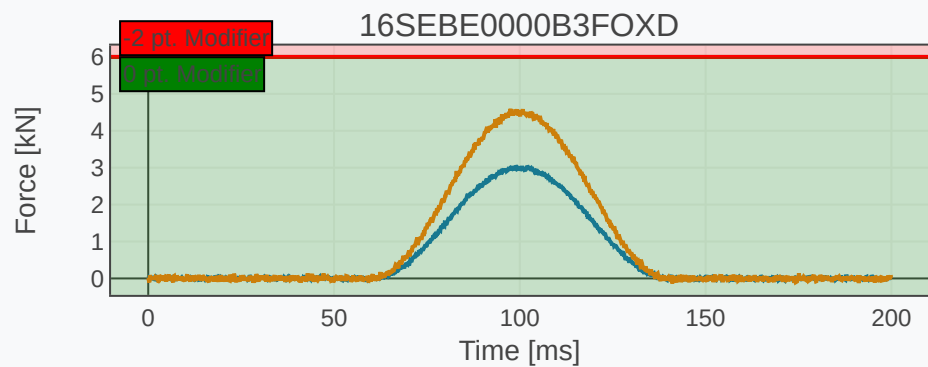
Rear Passenger Values

	v1	v2
HIC 15 []	287.9	792.3
Head a3ms [g0]	53.05	79.68
Neck My extension [N m]	-15	-22.5
Neck Fz tension [kN]	1.2	1.8
Neck Fx shear [kN]	0.4	0.6
Modifier Shoulder Belt Load [kN]	3.06	4.597
Chest Deflection [mm]	-30.04	-45.06
Chest VC [m / s]	-0.2049	-0.4611
Femur Axial Force Left [kN]	-1.053	-1.579
Femur Axial Force Right [kN]	-1.053	-1.579

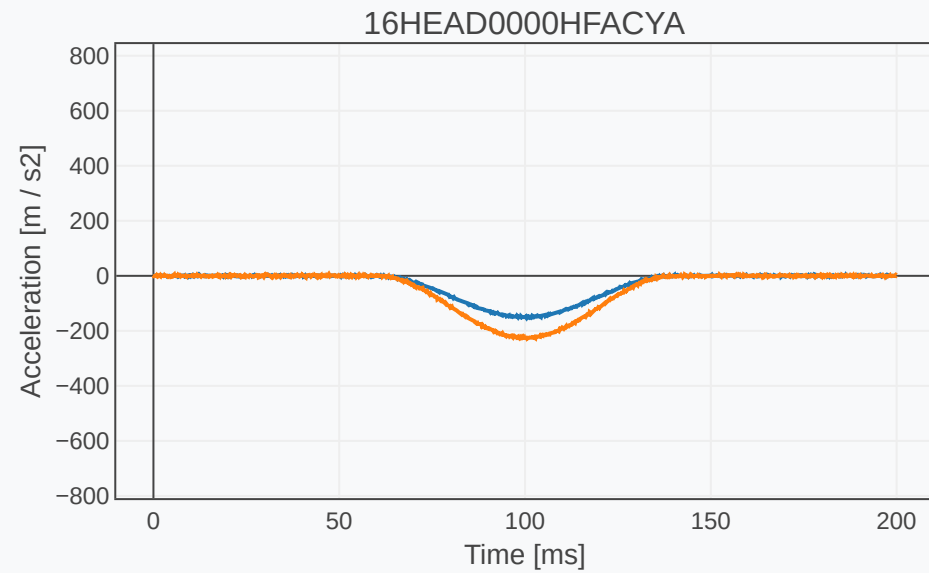
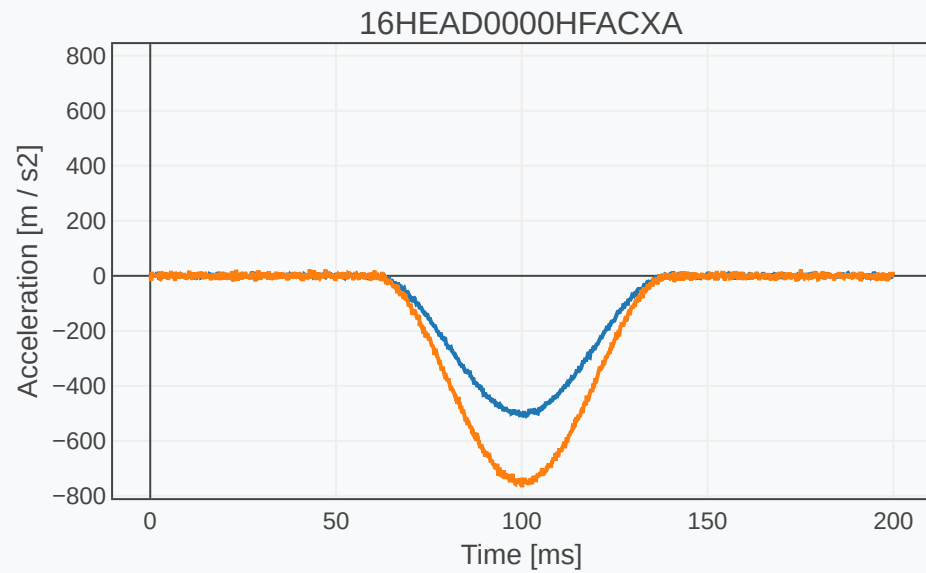
Rear Passenger Belt



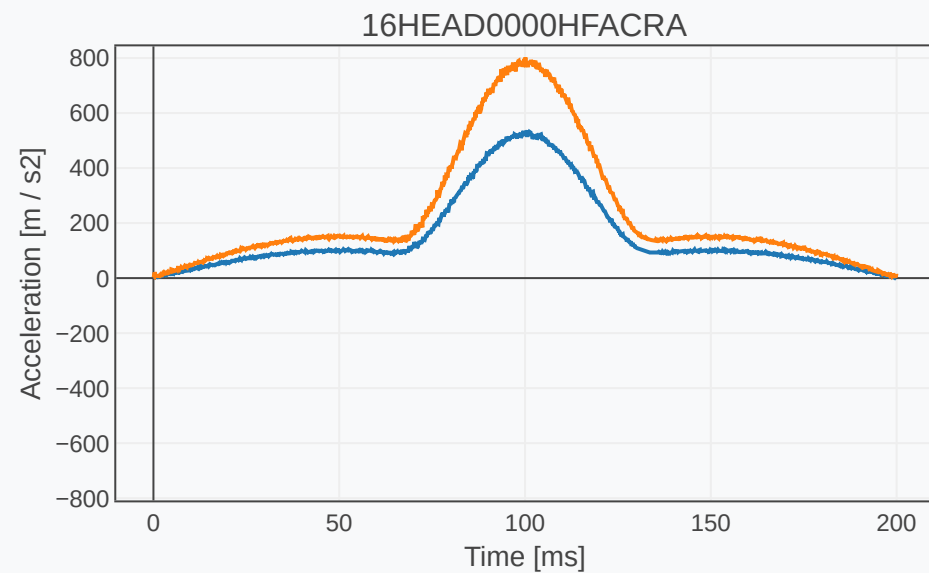
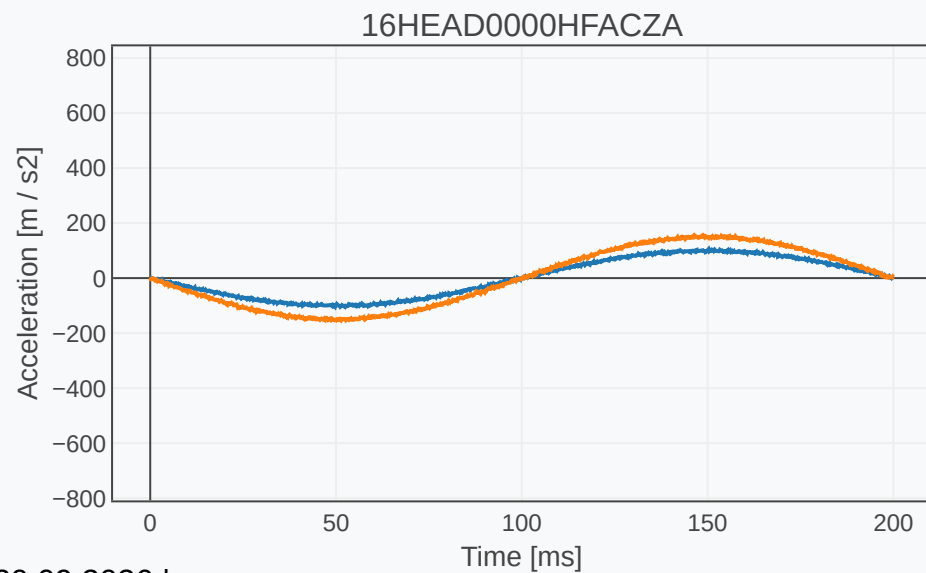
v1
v2



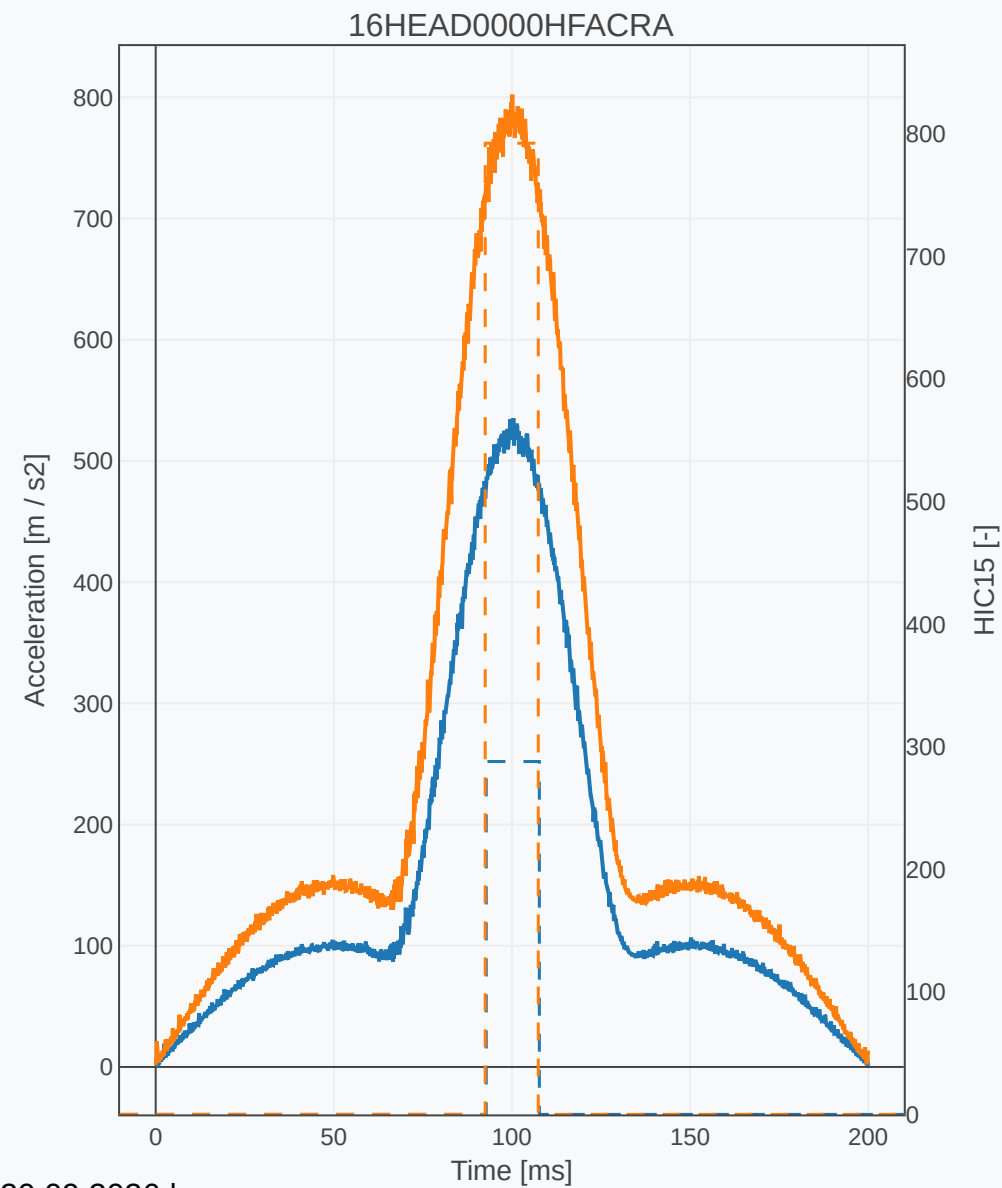
Rear Passenger Head Acceleration



v1
v2



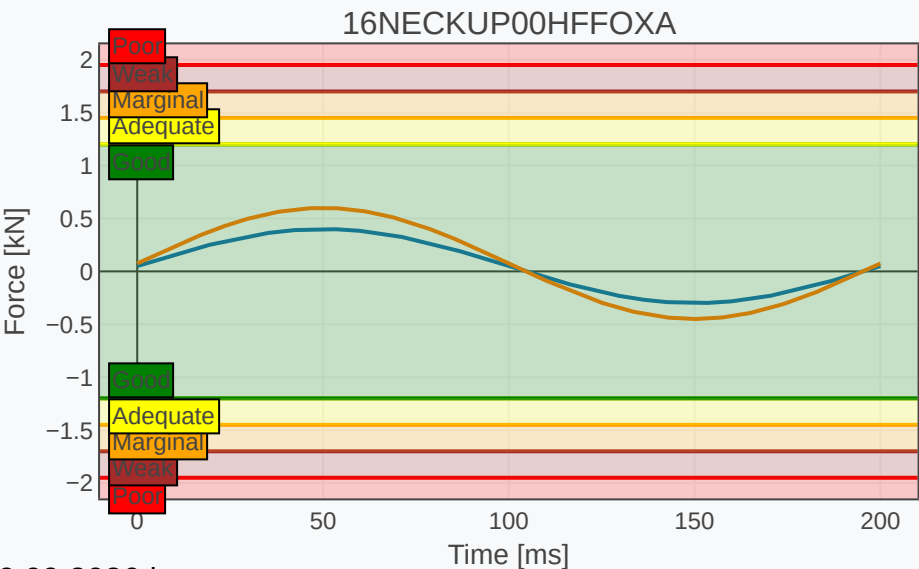
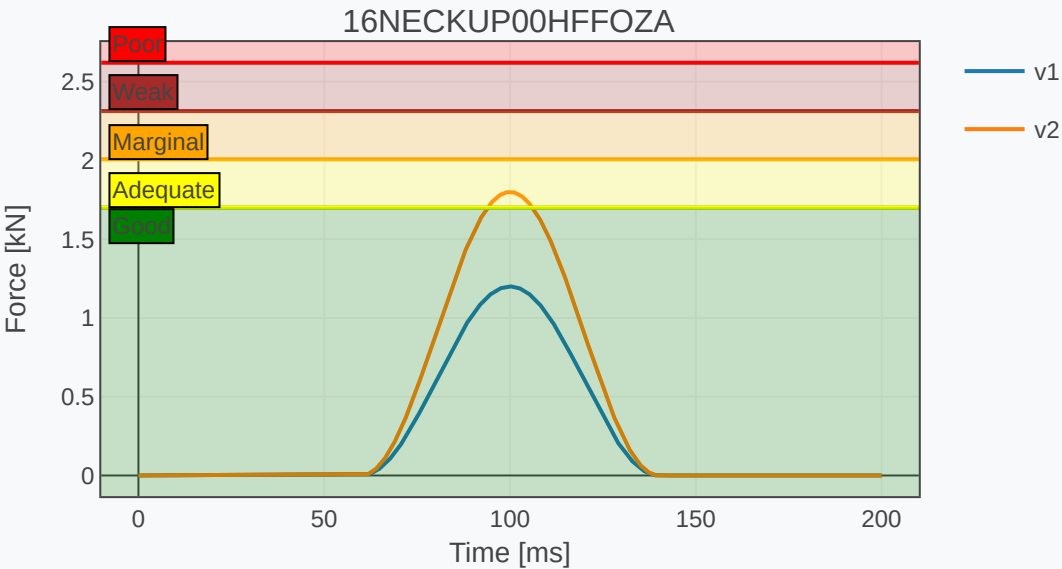
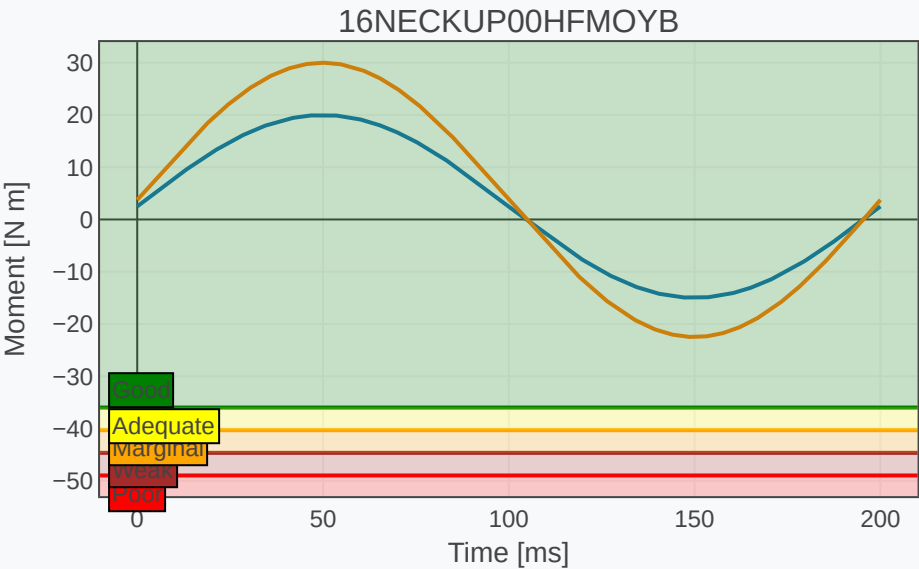
Rear Passenger HIC15



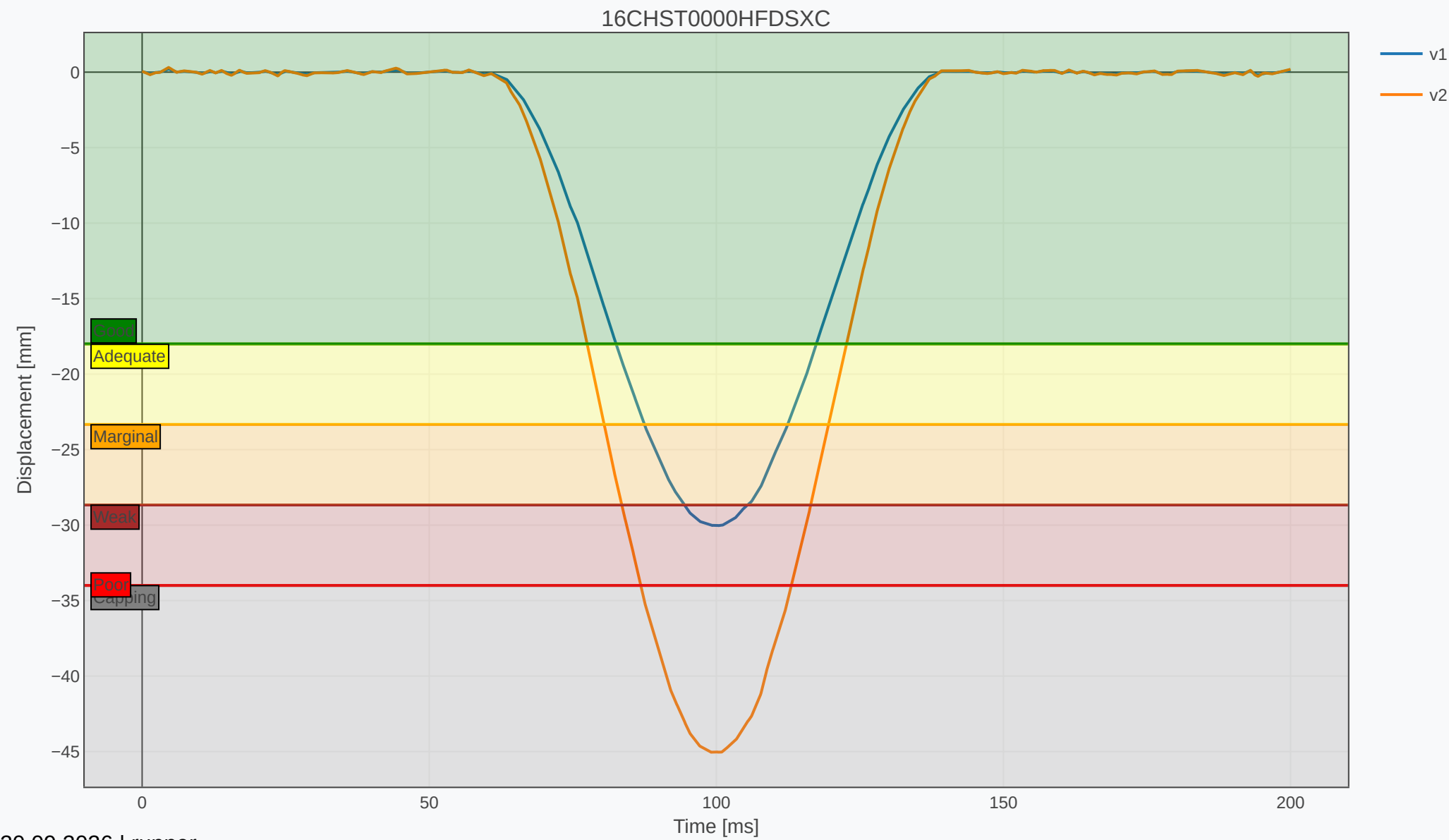
	HIC15	Start [ms]	End [ms]
v1	287.9	92.80	107.70
v2	792.3	92.50	107.40

- v1
- v2
- v1 HIC15
- v2 HIC15

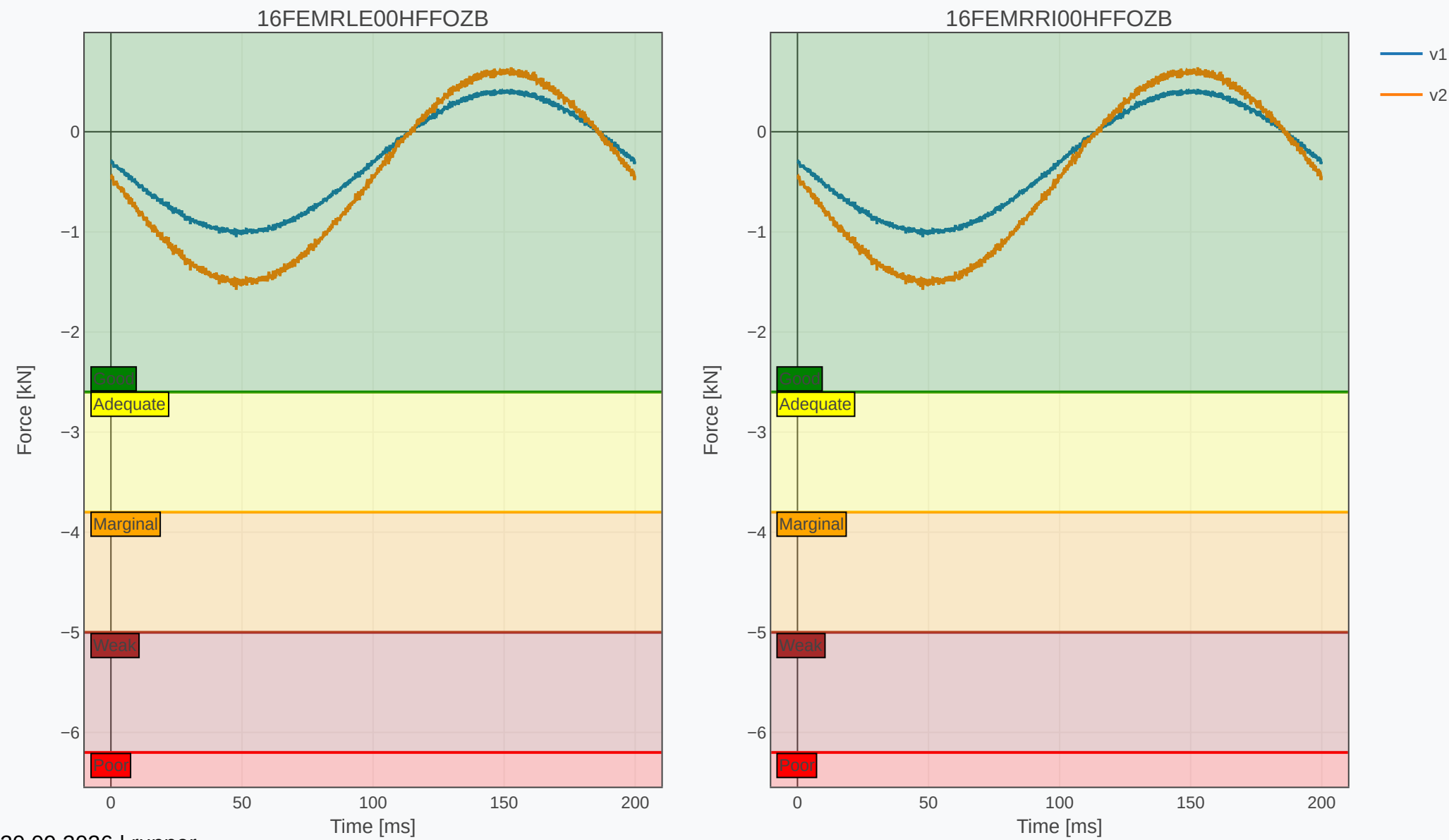
Rear Passenger Neck Load



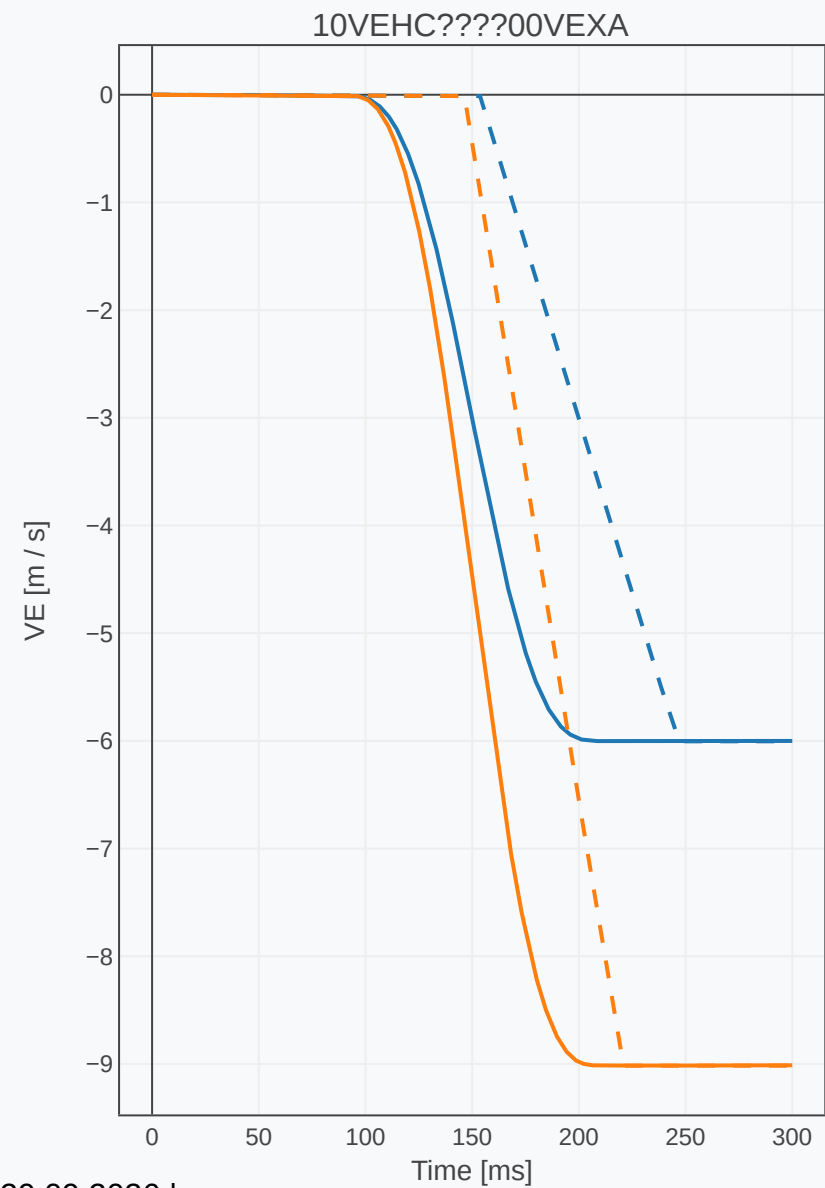
Rear Passenger Chest Deflection



Rear Passenger Femur Axial Force



Occupant Load Criterion (OLC)



	OLC [g]
v1	6.02
v2	12.24

- v1 10VEHCCG0000VEXA
- v1 10VEHC0OLC00VEXA
- v2 10VEHCCG0000VEXA
- v2 10VEHC0OLC00VEXA

Unnamed Report

Euro NCAP | Frontal-Impact against MPDB with 50 % Overlap at 50/50 km/h
v1 | v2 | v3

Report Status

	v1	v2	v3
Overall	OK	OK	OK
Driver	OK	OK	OK
Head & Neck	OK	OK	OK
Head	OK	OK	OK
HIC 15	OK	OK	OK
Head a3ms	OK	OK	OK
Modifier for Brain Injury - DAMAGE	OK	OK	OK
Modifier for Unstable Airbag Contact	OK	OK	OK
Modifier for Hazardous Airbag Deployment	OK	OK	OK
Modifier for Incorrect Airbag Deployment	OK	OK	OK
Modifier for Displacement of Steering Column	OK	OK	OK
Neck	OK	OK	OK
Neck My extension	OK	OK	OK
Neck Fz tension	OK	OK	OK
Neck Fx shear	OK	OK	OK
Chest and Abdomen	OK	OK	OK
Chest	OK	OK	OK
Chest Compression	OK	OK	OK
Modifier Shoulder Belt Load	OK	OK	OK

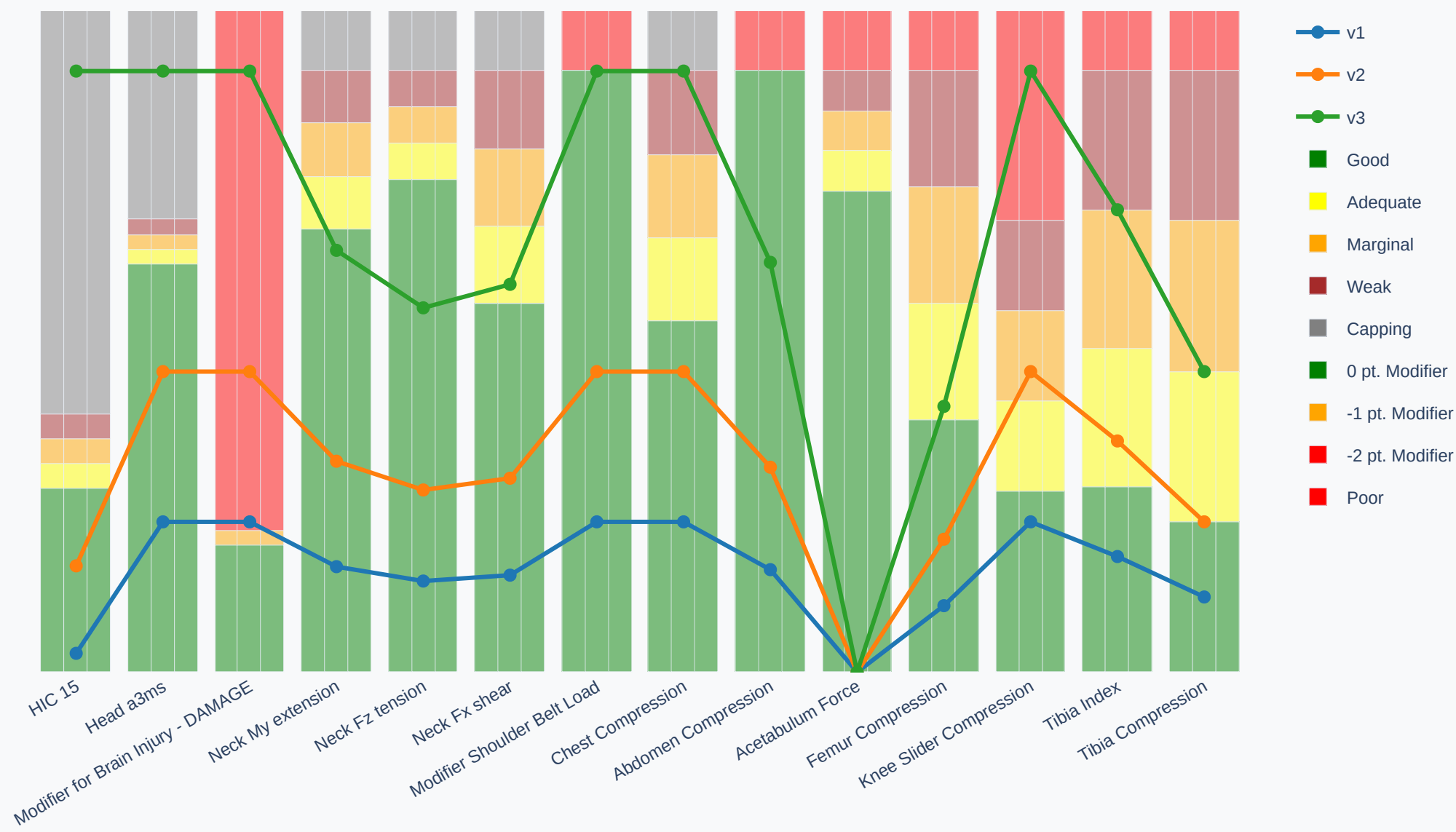
Manual Inputs

	Default	Source	v1	v2	v3
p_driver	'1'	test report	'1'	'1'	'1'
p_passenger	'3'	test report	'3'	'3'	'3'
steering_wheel_airbag_exists	True	test report	True	True	True
hard_contact	True	video	True	True	True (user)
unstable_airbag_contact	False	video	False	False	False
hazardous_airbag_deployment	False	video	False	False	False
incorrect_airbag_deployment	False	video	False	False	False
displacement_steering_column_lateral	0.0 mm	measurement	0.0 mm	0.0 mm	0.0 mm
displacement_steering_column_rearwards	0.0 mm	measurement	0.0 mm	0.0 mm	0.0 mm
displacement_steering_column_upwards	0.0 mm	measurement	0.0 mm	0.0 mm	0.0 mm
steering_wheel_contact	False	video	False	False	False
displacement_a_pillar	0.0 mm	measurement	0.0 mm	0.0 mm	0.0 mm
compartment_integrity_compromised	False	test report	False	False	False
submarining	False	video	False	False	False
variable_contact_left	False	knee mapping	False	False	False
variable_contact_right	False	knee mapping	False	False	False
concentrated_loading_left	False	knee mapping	False	False	False
concentrated_loading_right	False	knee mapping	False	False	False
pedal_rearward_displacement	0 mm	measurement	0 mm	0 mm	0 mm

Rating

	v1	v2	v3
Driver	15.0	12.8	-inf
Passenger	16.0	12.2	-inf
Compatibility Modifier	0.0	0.0	-0.1
Door Opening During Impact	0.0	0.0	0.0
Overall	7.5	5.6	0.0

Driver Result



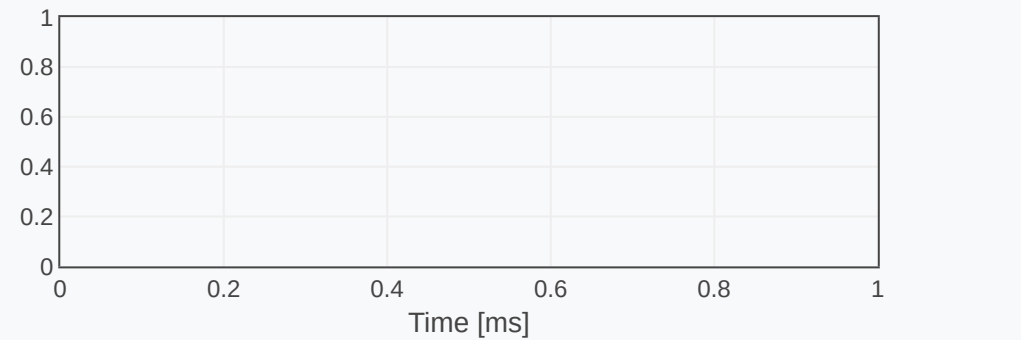
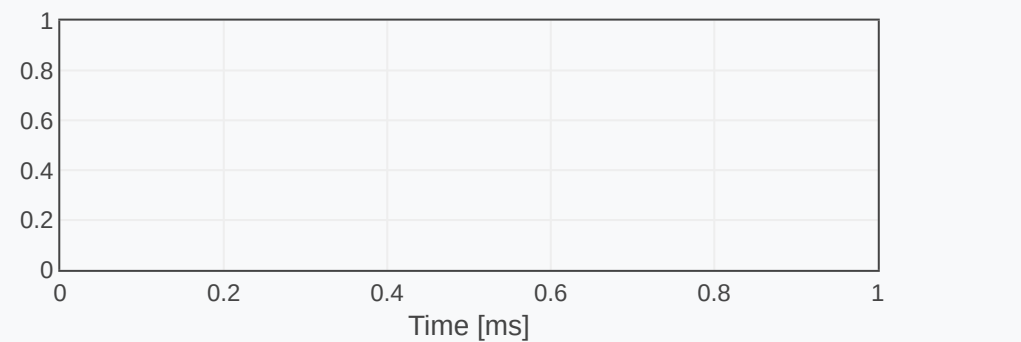
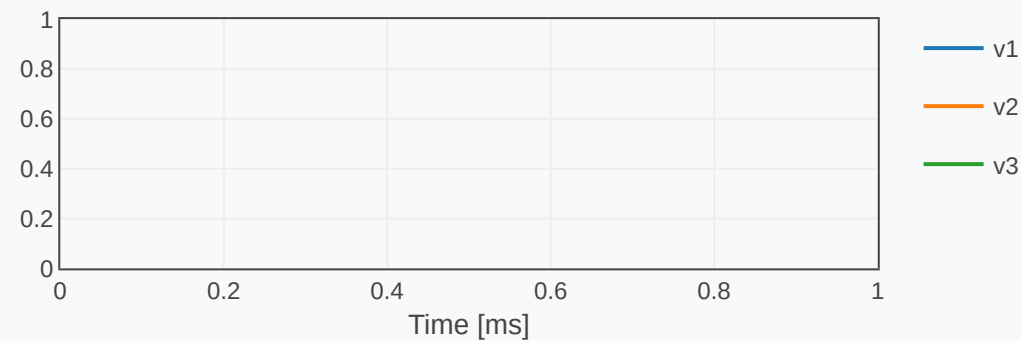
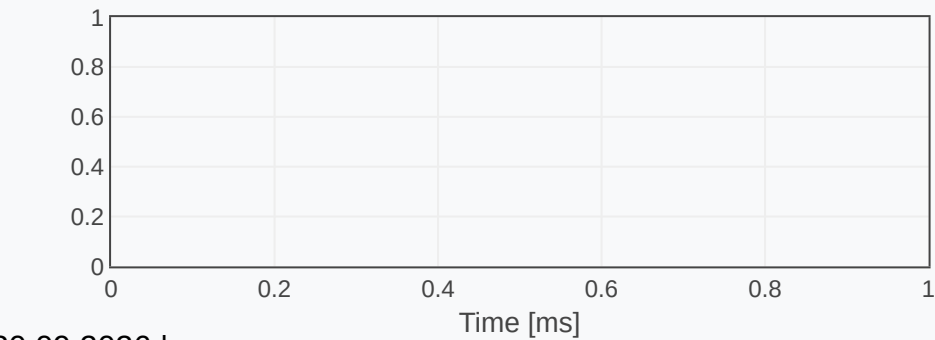
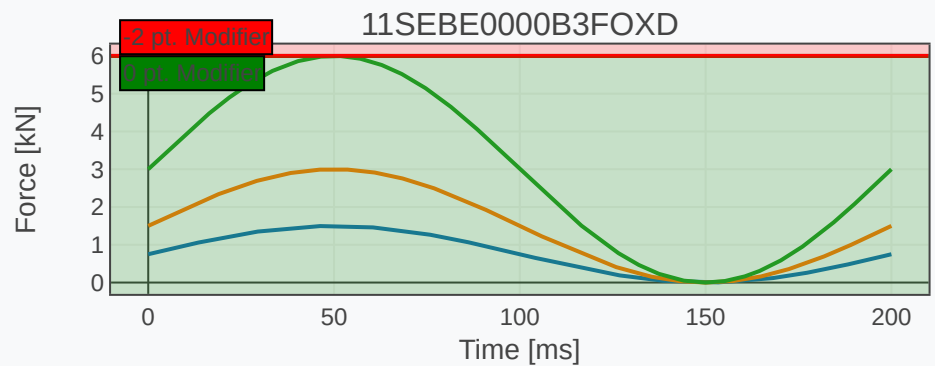
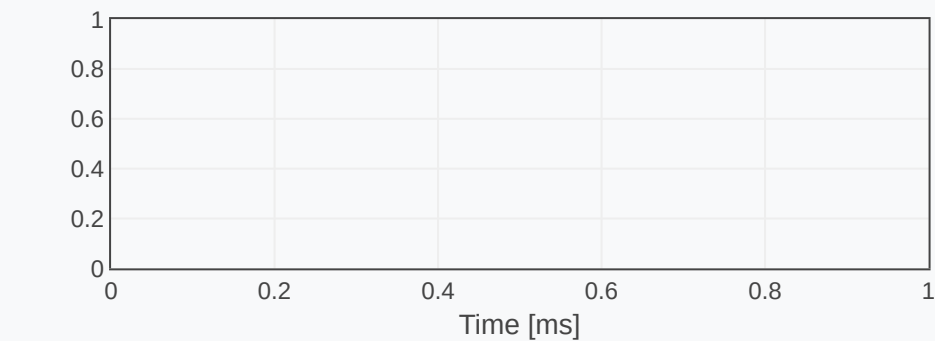
Driver Rating

	v1	v2	v3
Head & Neck	3.0	3.0	-inf
Chest and Abdomen	4.0	4.0	-2.0
Knee	4.0	2.2	0.0
Lower Leg, Foot and Ankle	4.0	3.6	1.3
Driver	15.0	12.8	-inf

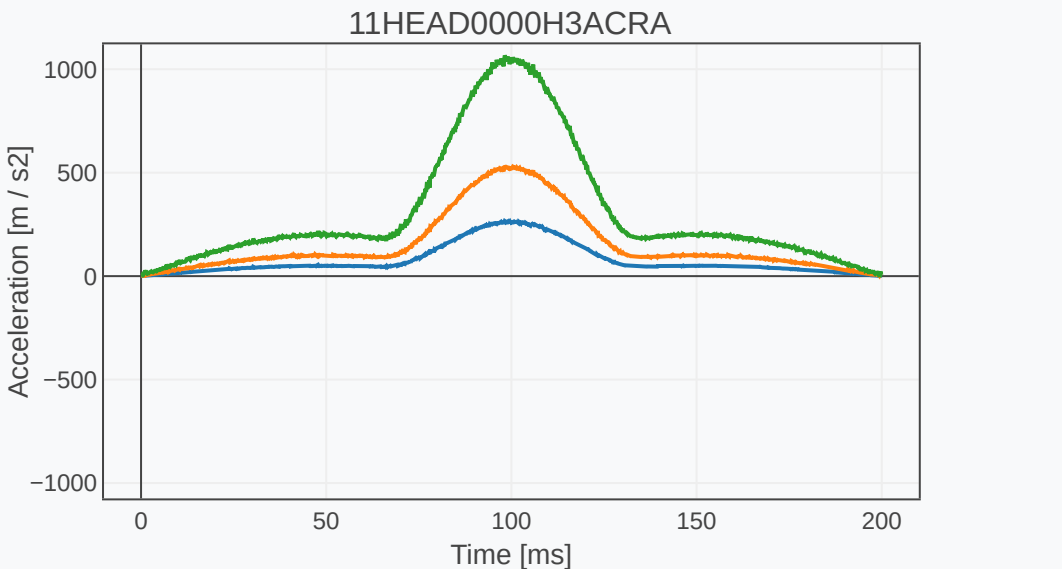
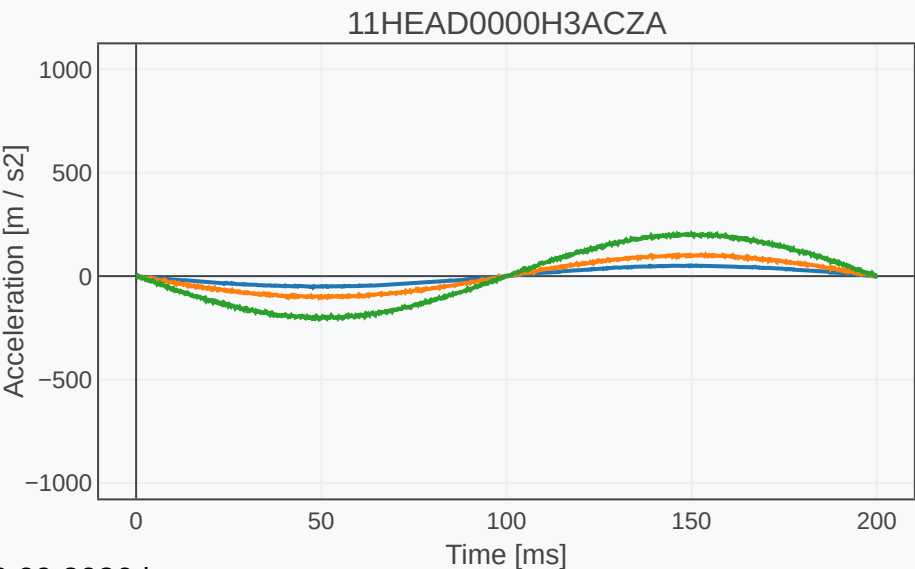
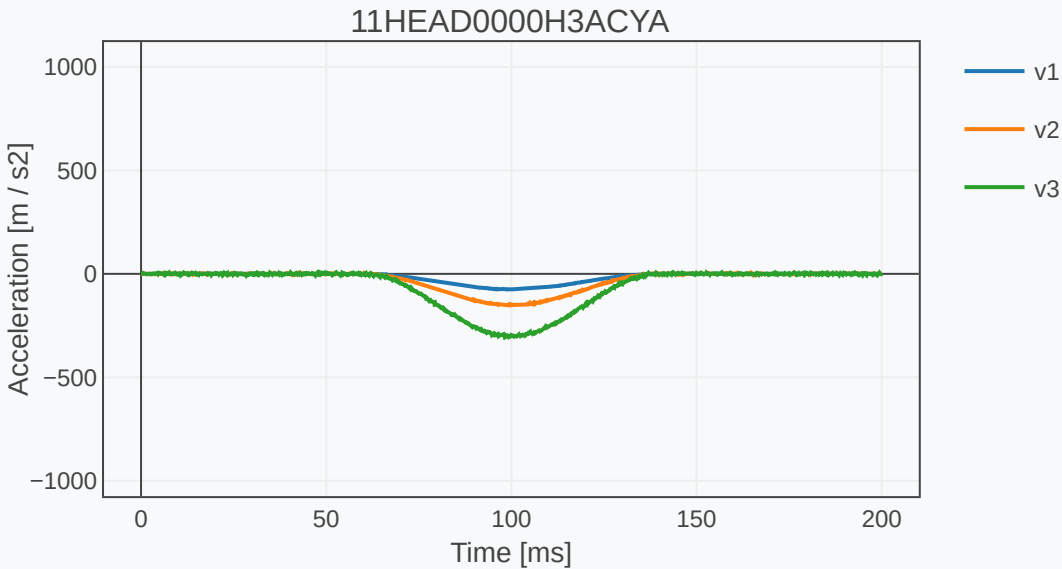
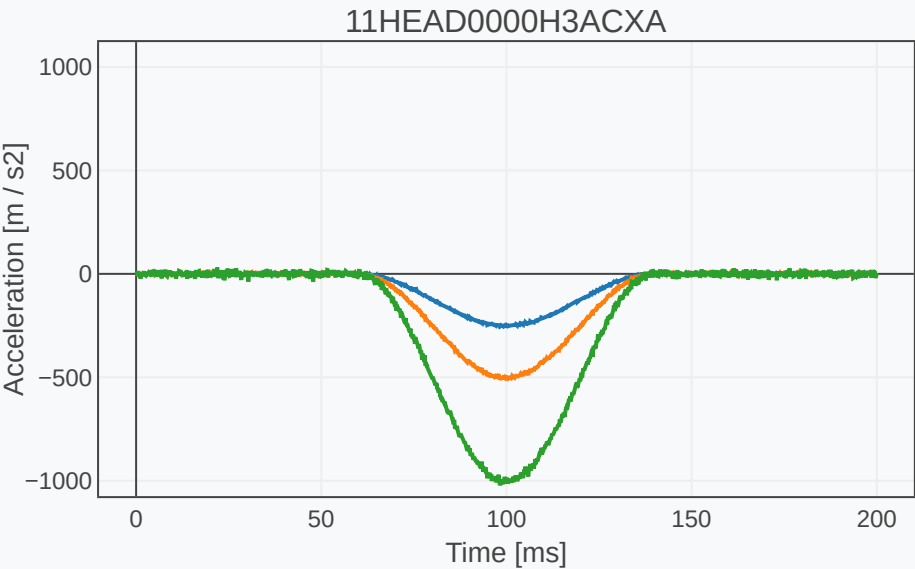
Driver Values

	v1	v2	v3
HIC 15 []	51.02	288.6	1633
Head a3ms [g0]	26.56	53.11	106.2
Modifier for Brain Injury - DAMAGE [rad / s2]	0.5	1	2
Neck My extension [N m]	-10	-20	-40
Neck Fz tension [kN]	0.5	1	2
Neck Fx shear [kN]	0.5	1	2
Modifier Shoulder Belt Load [kN]	1.5	3	6
Chest Compression [mm]	-15	-30	-60
Abdomen Compression [mm]	-15	-30	-60
Acetabulum Force [kN]	0	0	0
Femur Compression [kN]	-1	-2	-4
Knee Slider Compression [mm]	-5	-10	-20
Tibia Index []	0.25	0.5	1
Tibia Compression [kN]	-1	-2	-4

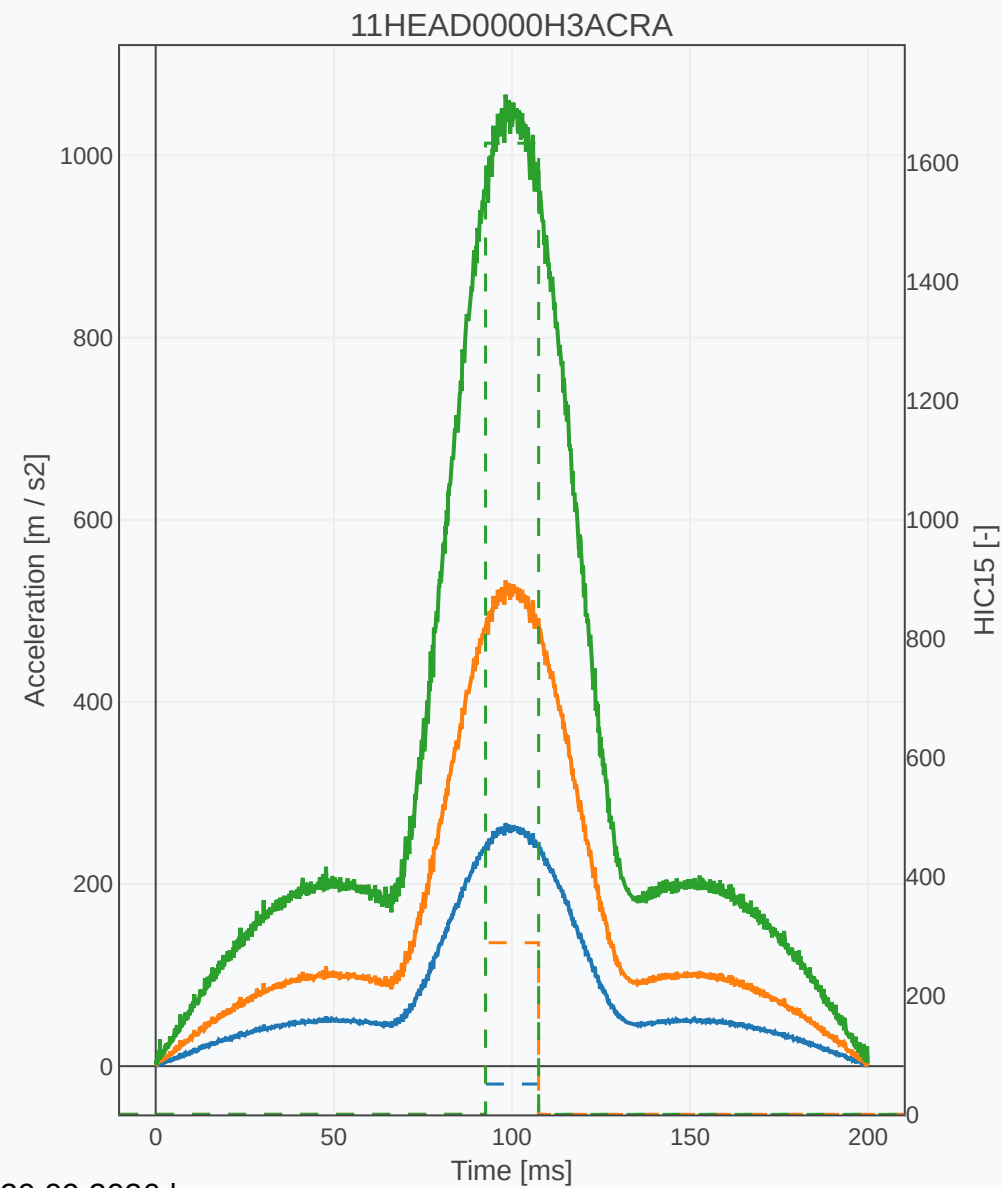
Driver Belt



Driver Head Acceleration



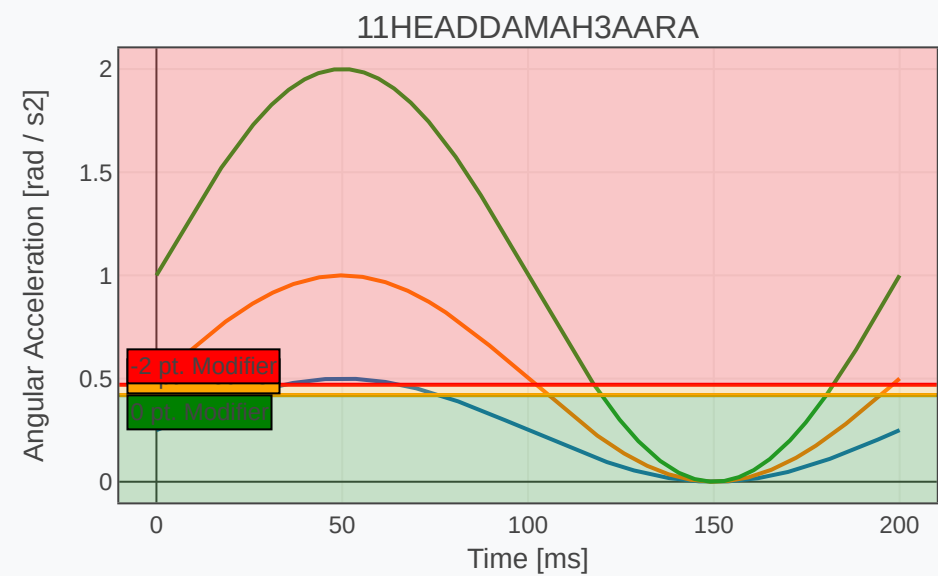
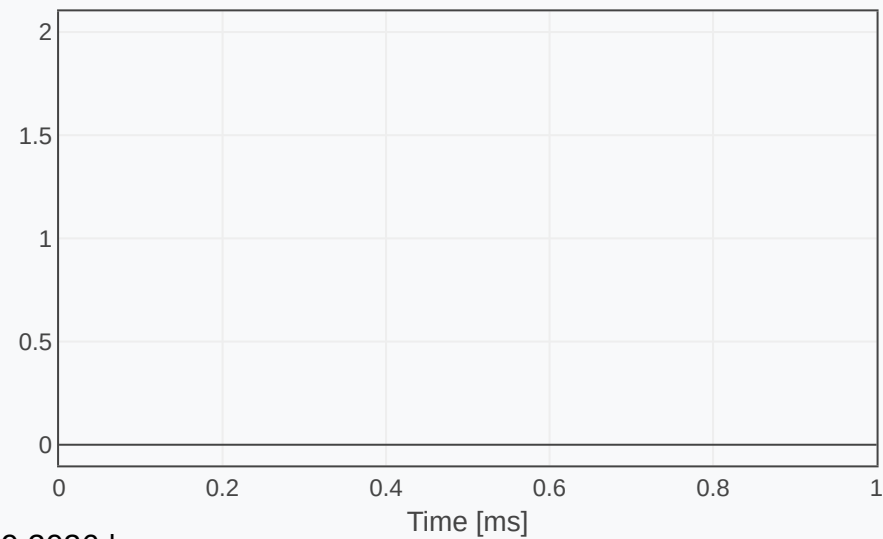
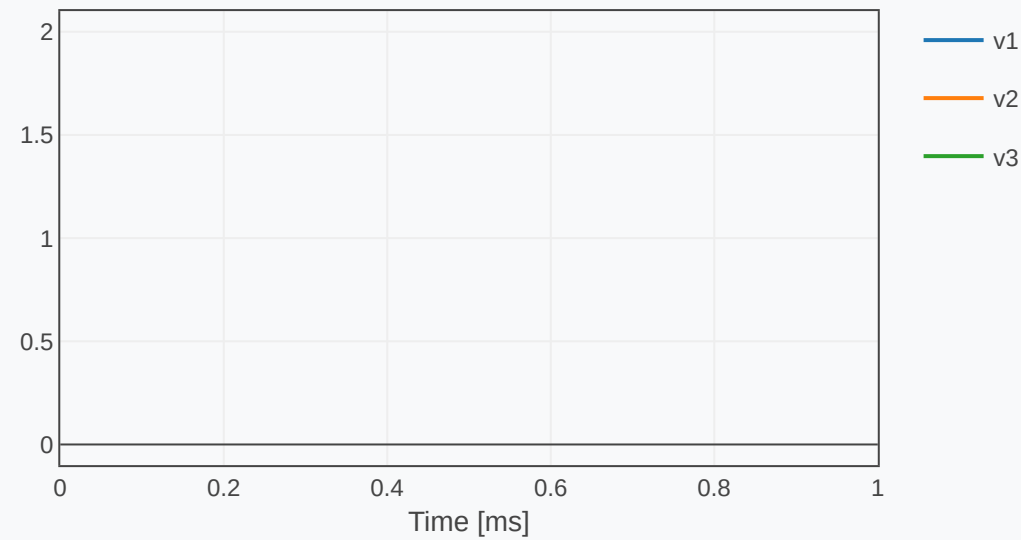
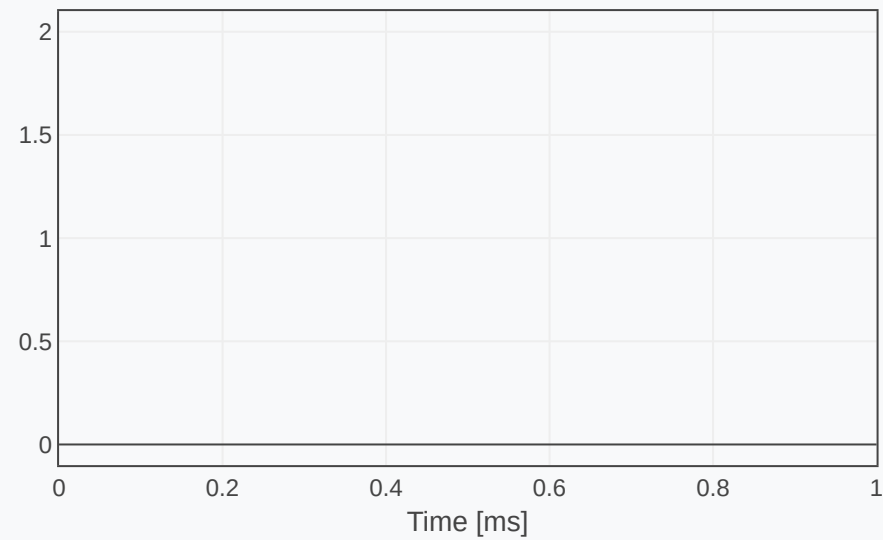
Driver HIC15



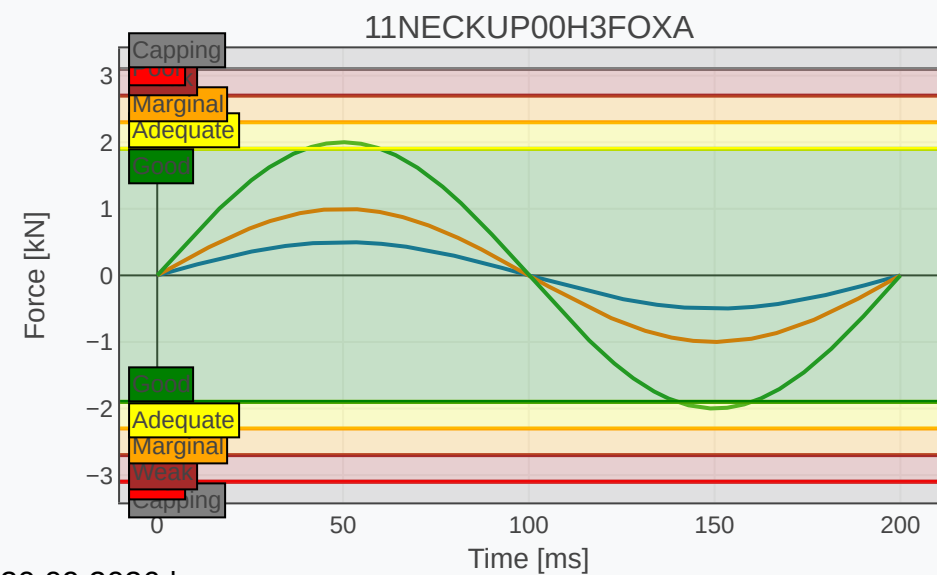
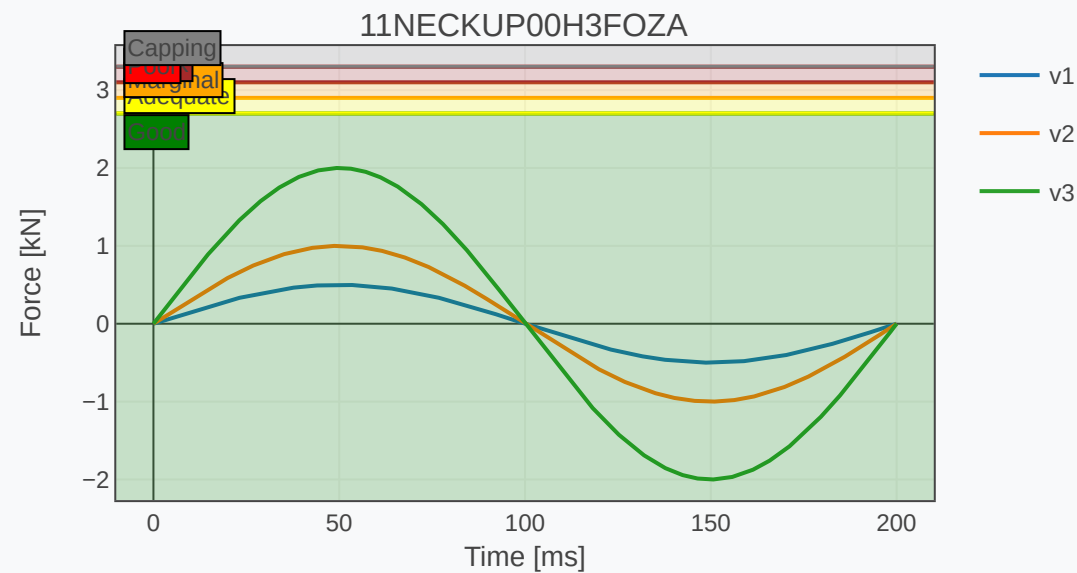
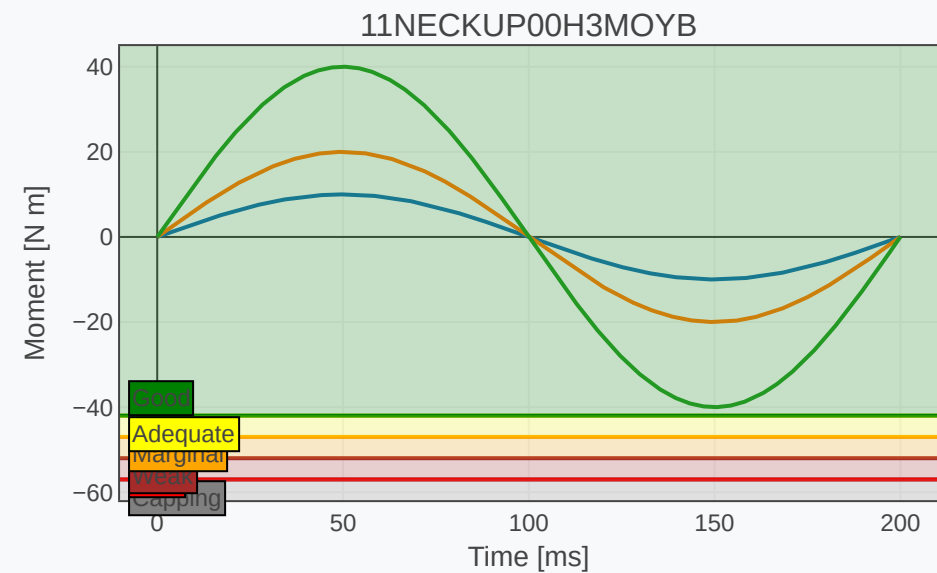
	HIC15	Start [ms]	End [ms]
v1	51.0	92.60	107.50
v2	288.6	92.60	107.50
v3	1632.6	92.60	107.50

- v1
- v2
- v3
- v1 HIC15
- v2 HIC15
- v3 HIC15

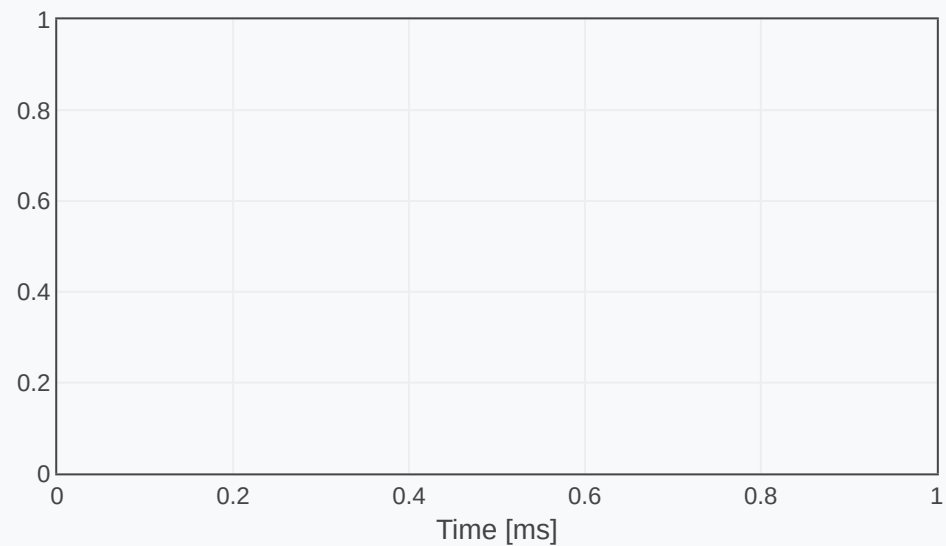
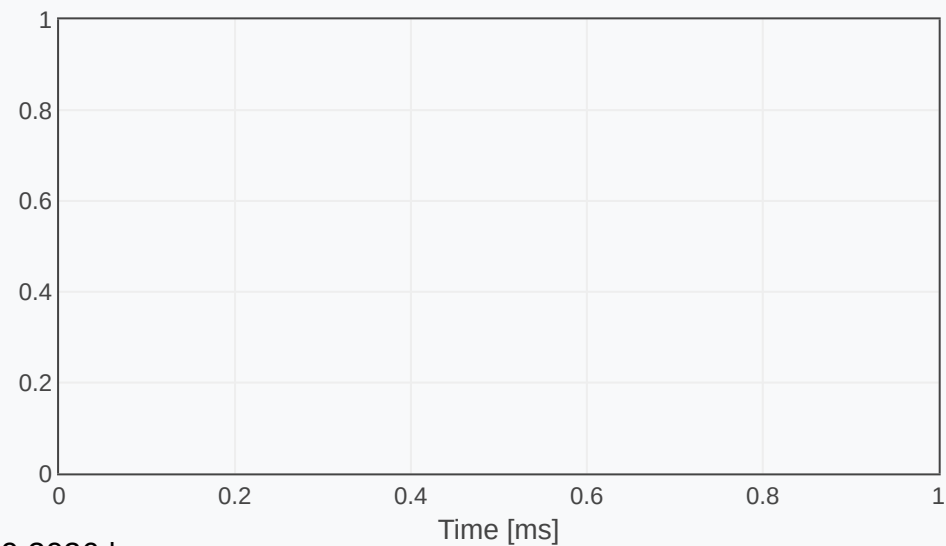
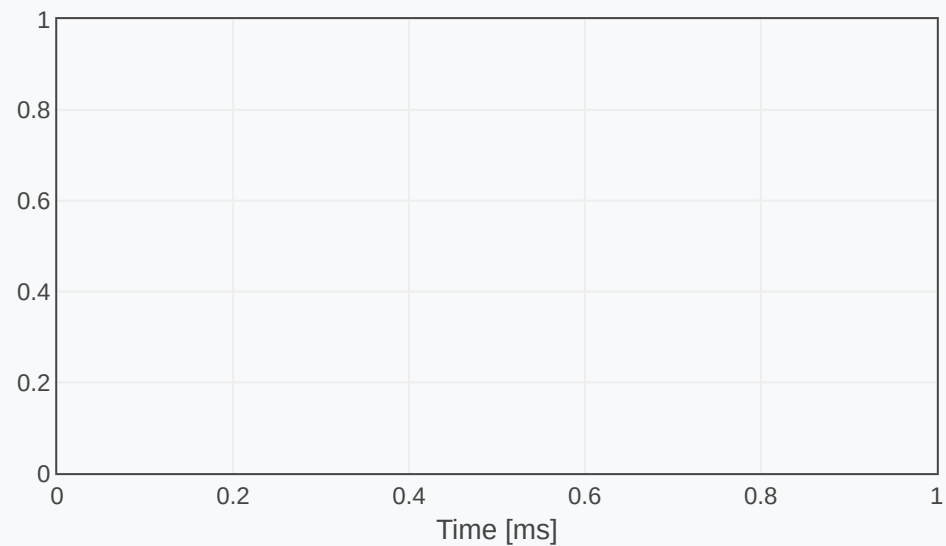
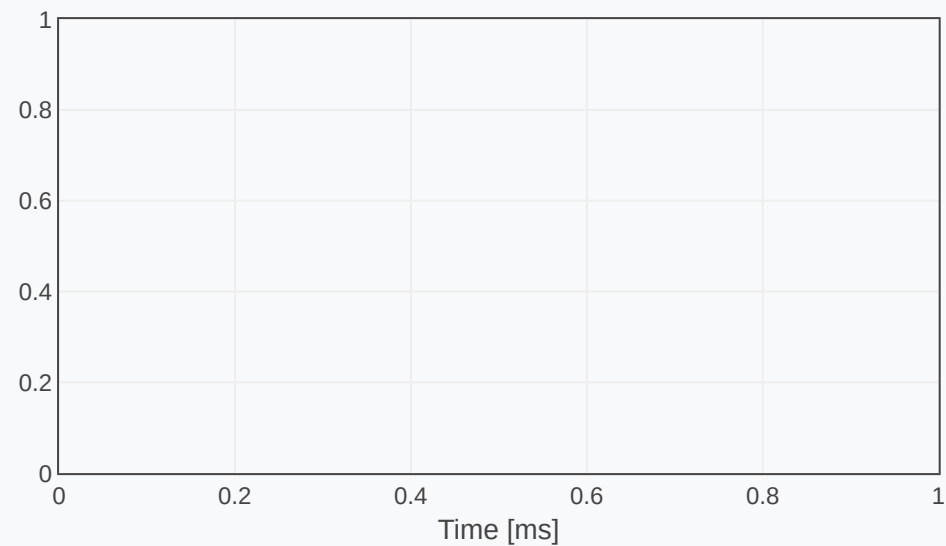
Driver Head DAMAGE



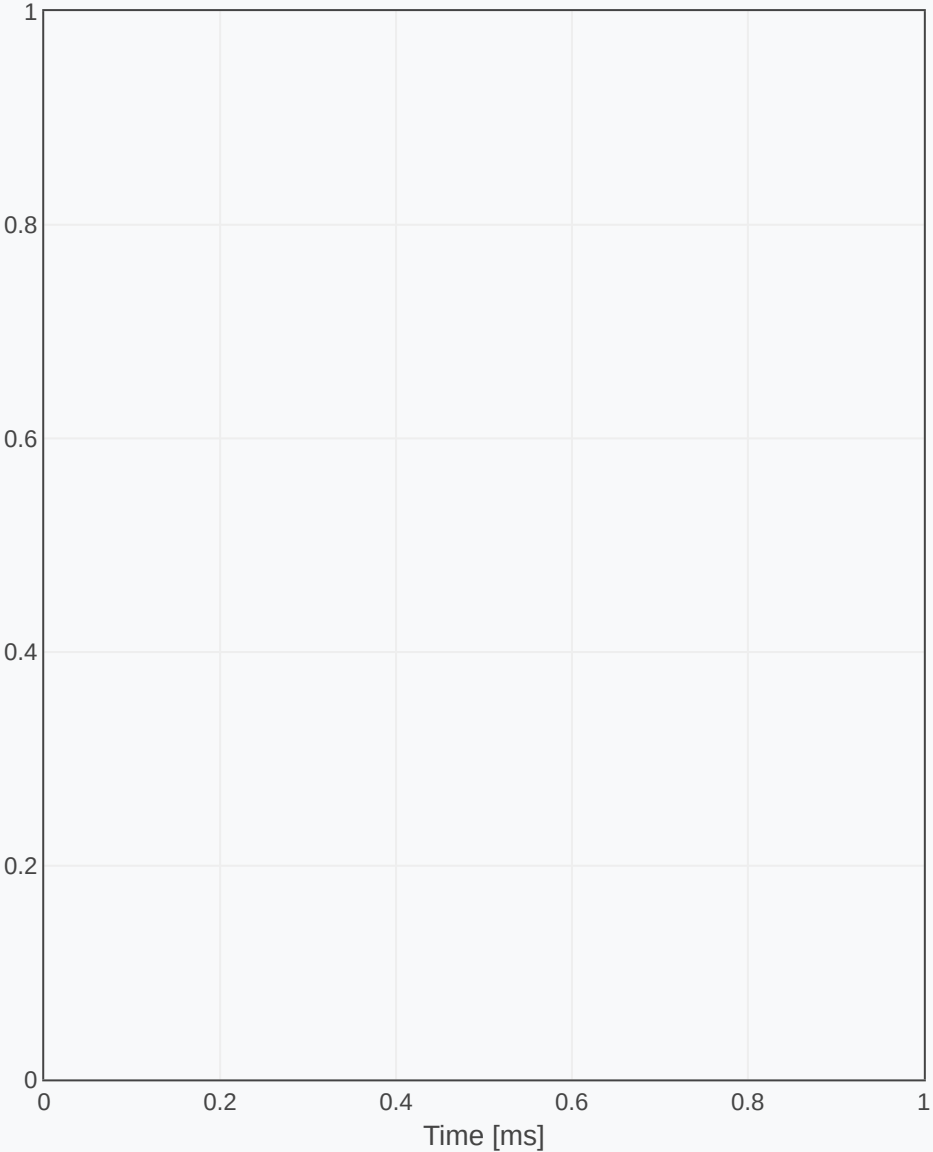
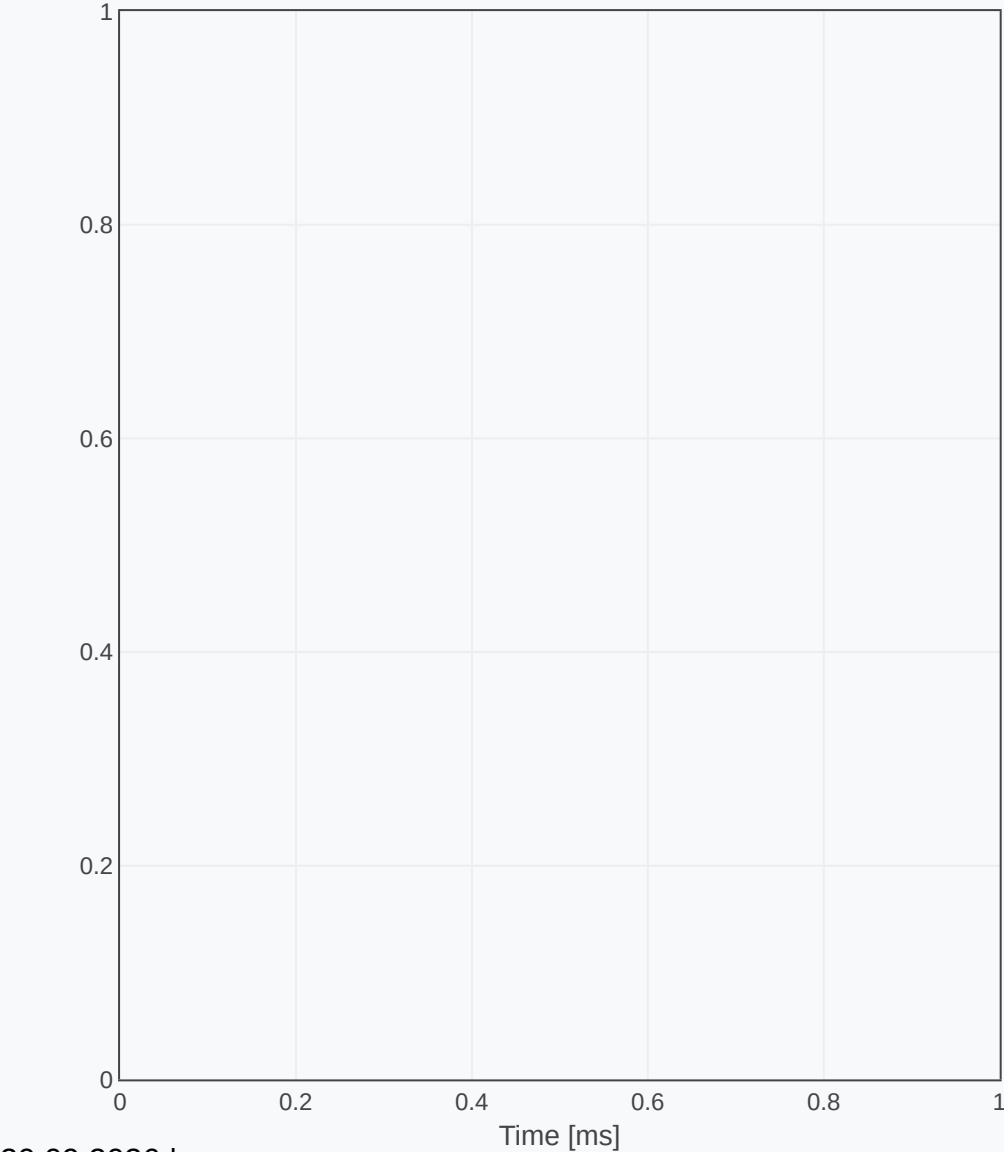
Driver Neck Load



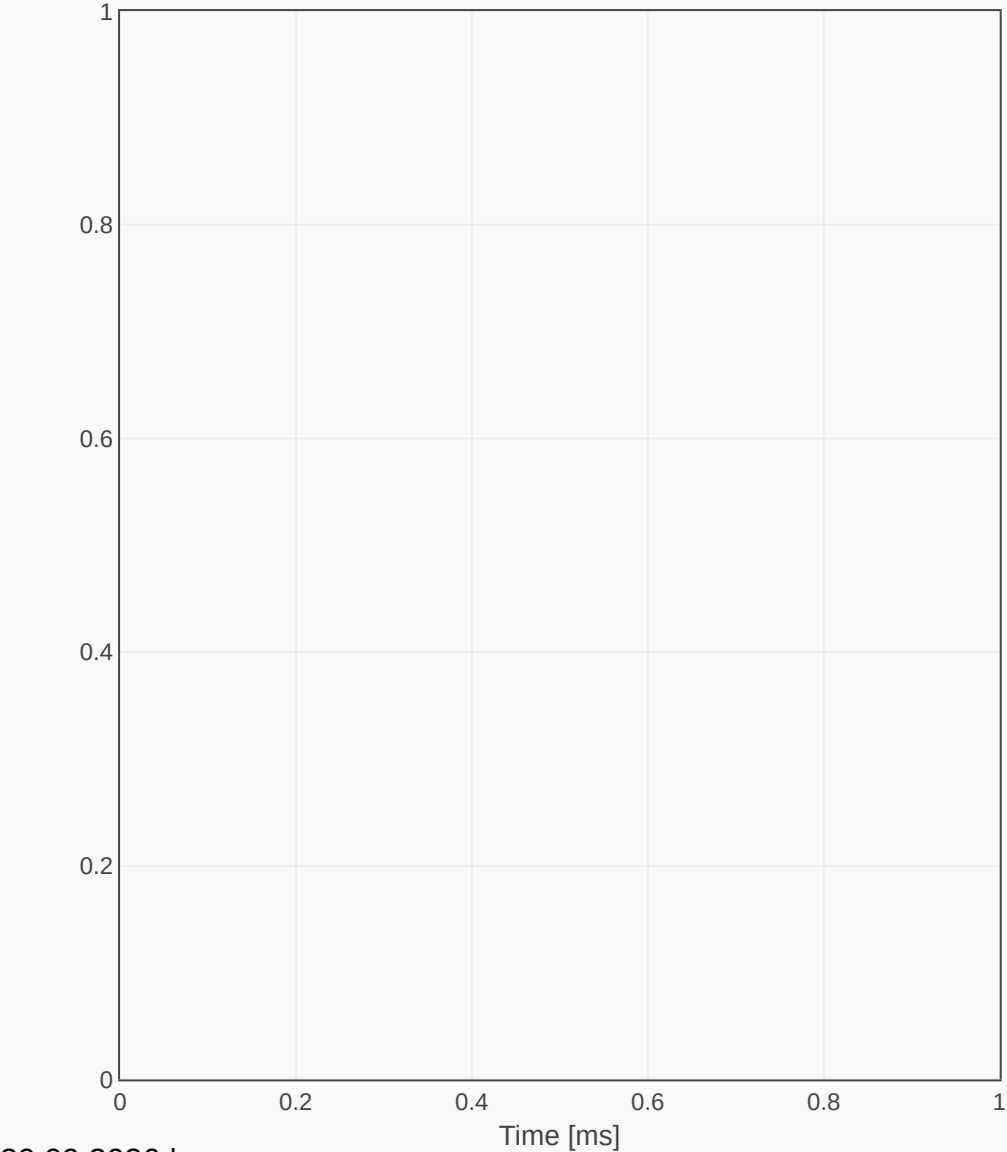
Driver Chest Compression



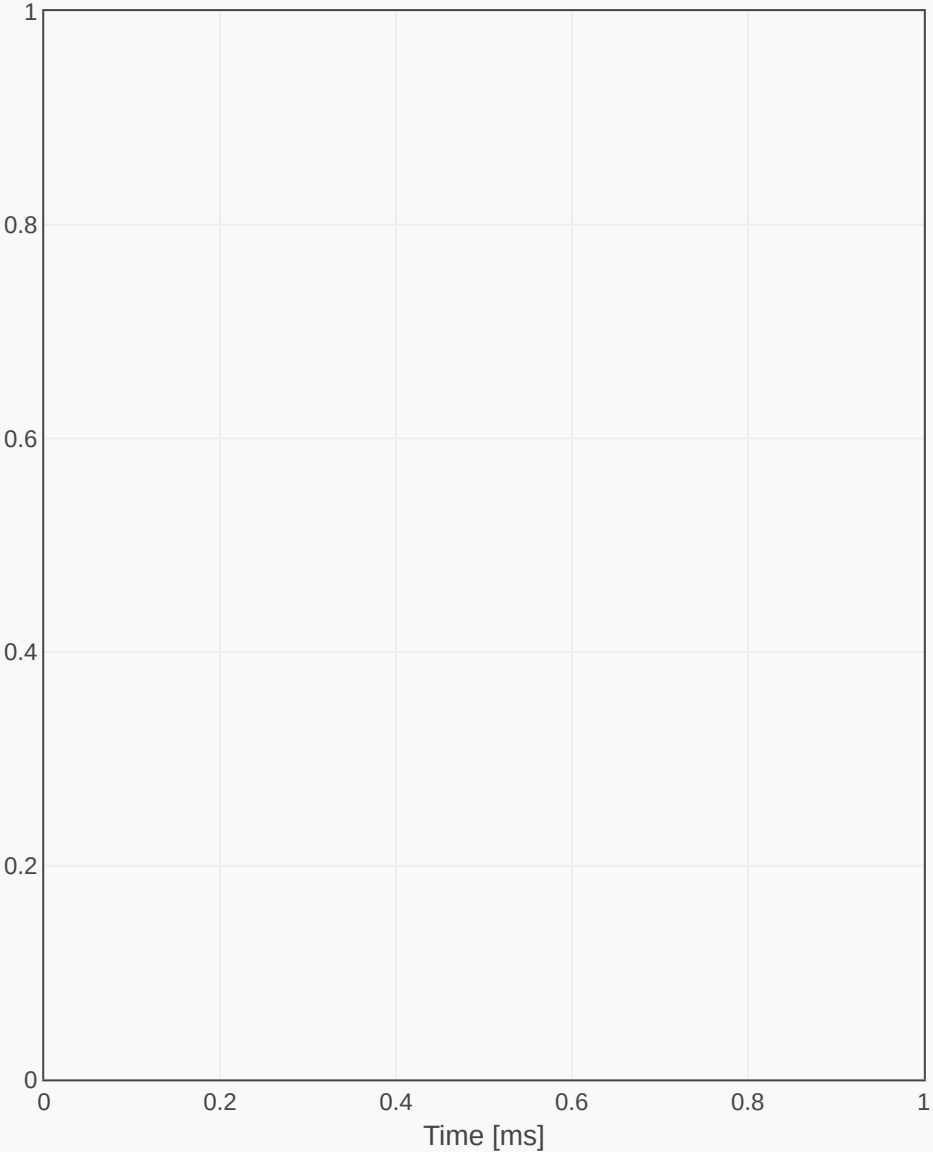
Driver Abdomen Compression



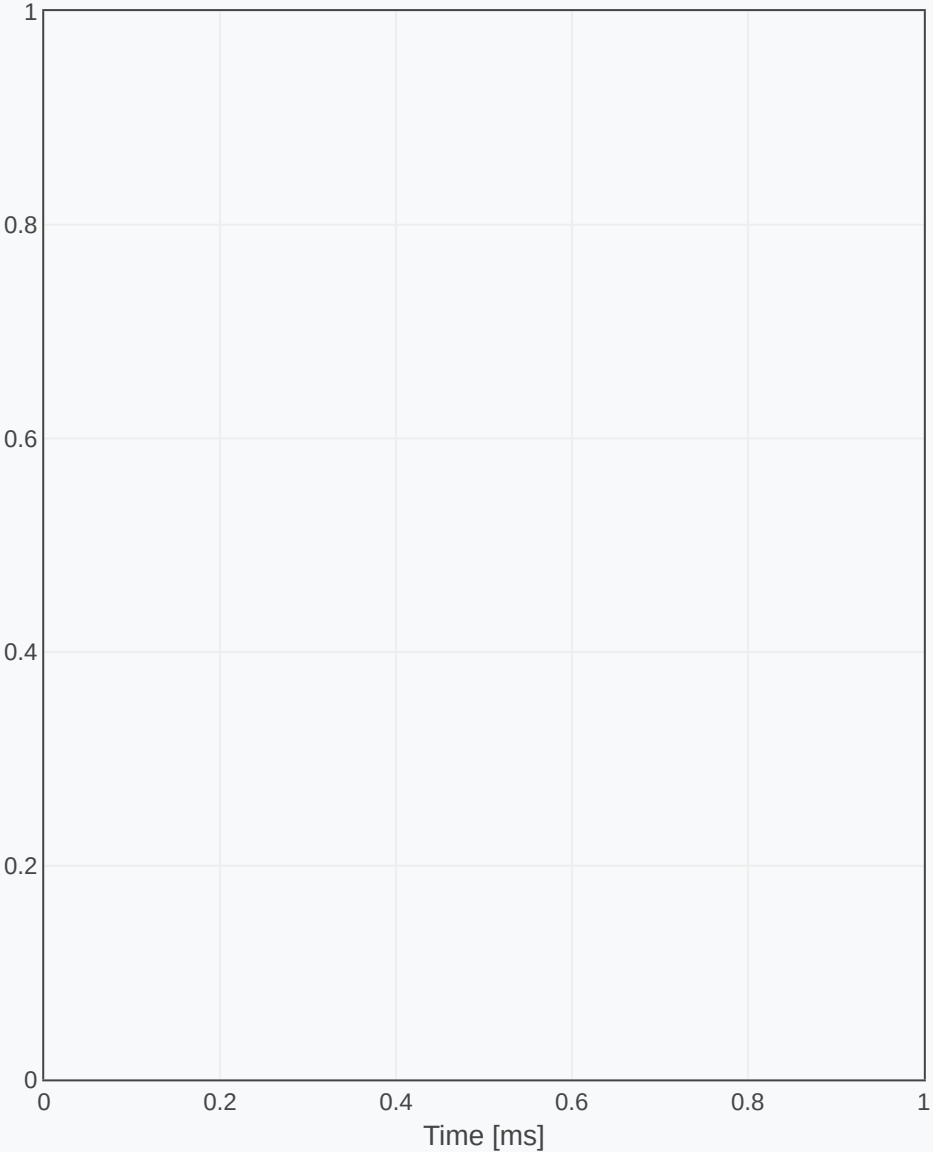
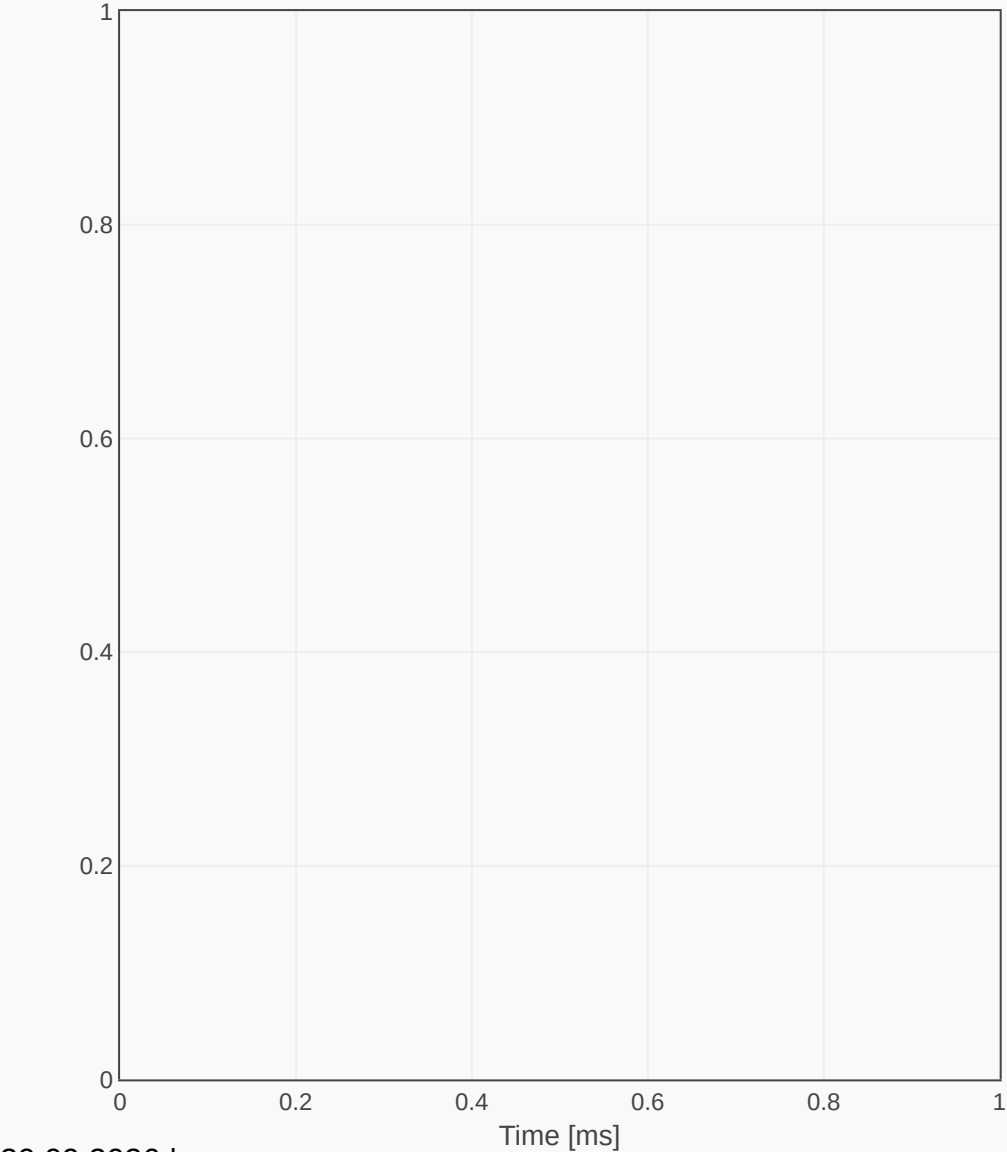
Driver Femur Axial Force



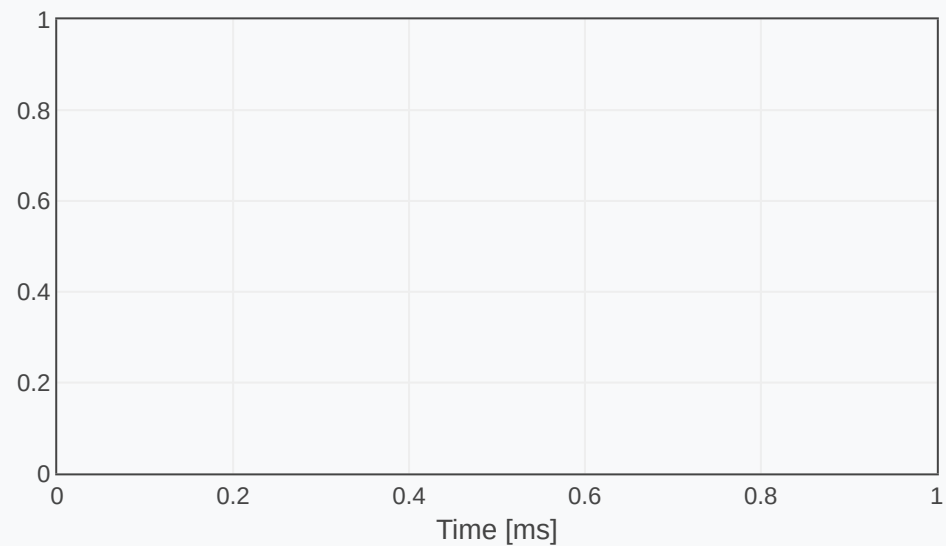
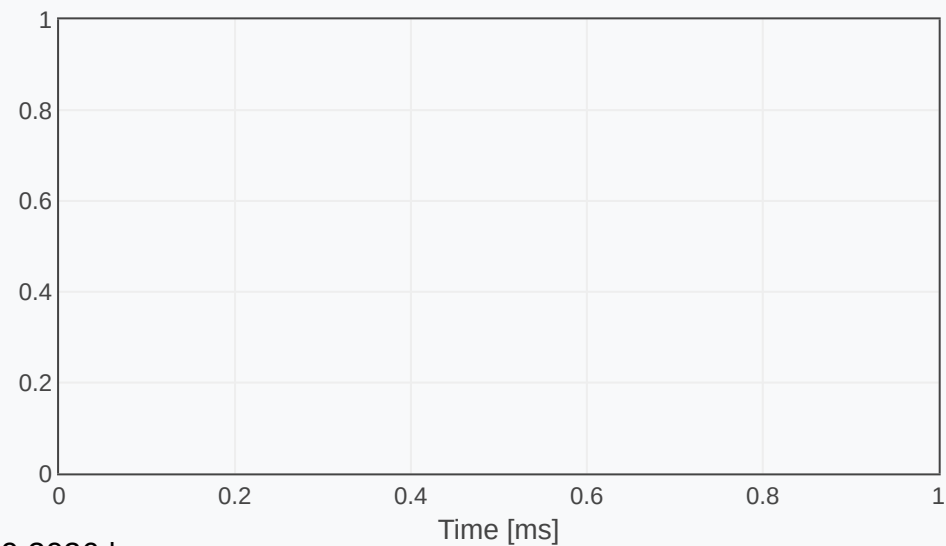
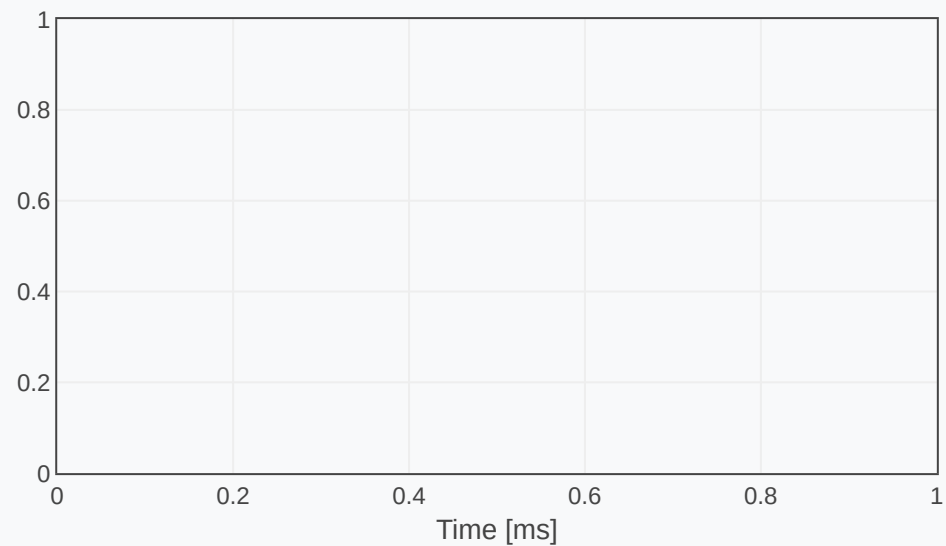
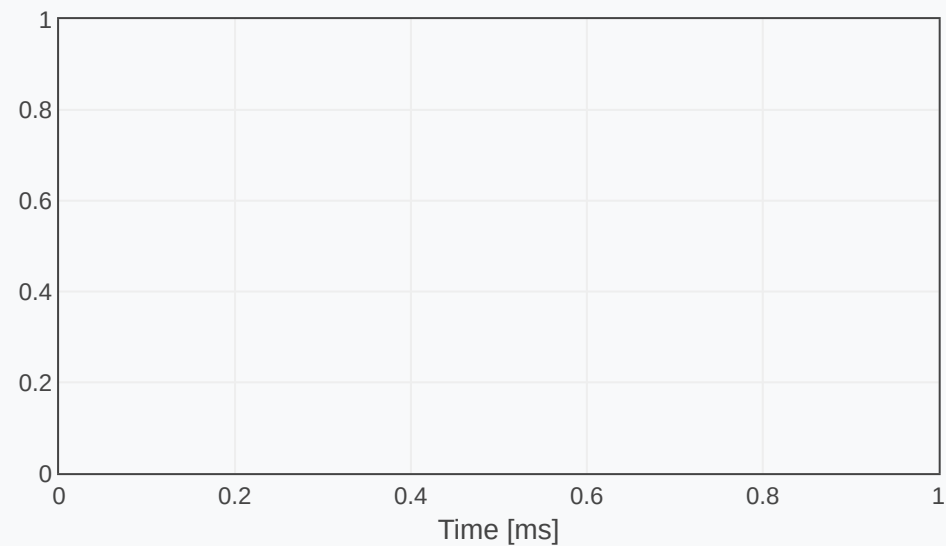
20.09.2026 | runner



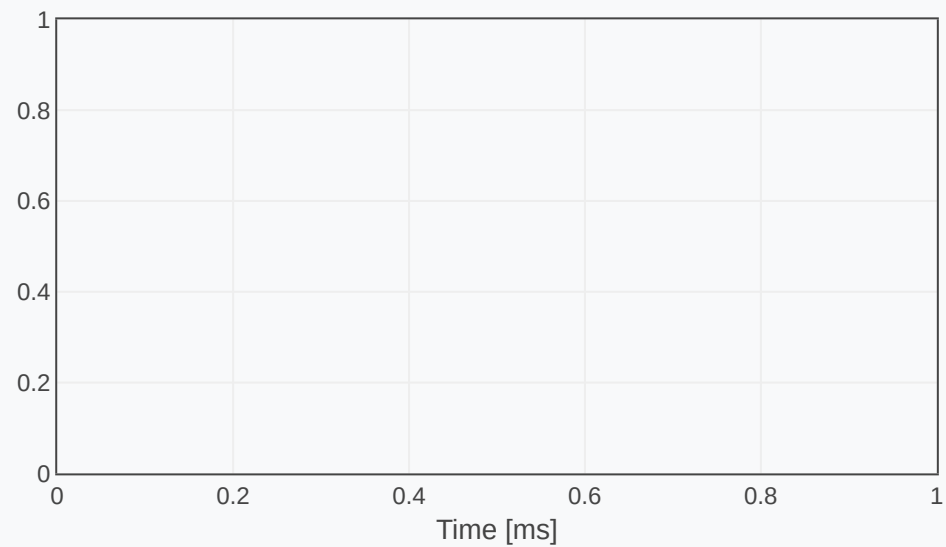
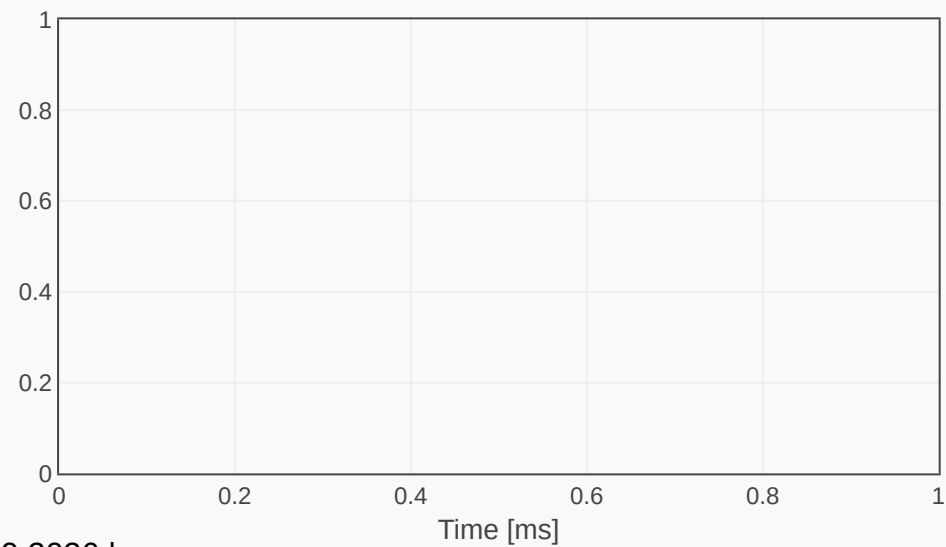
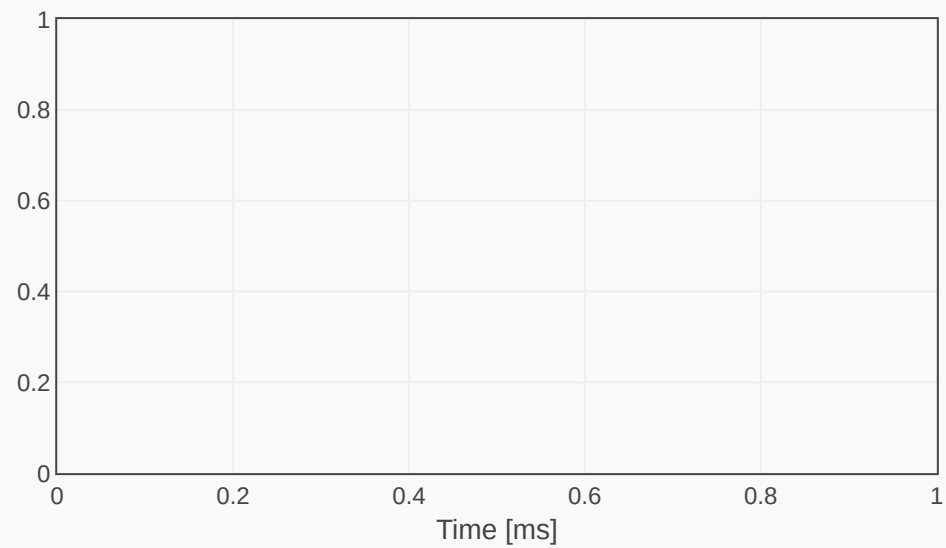
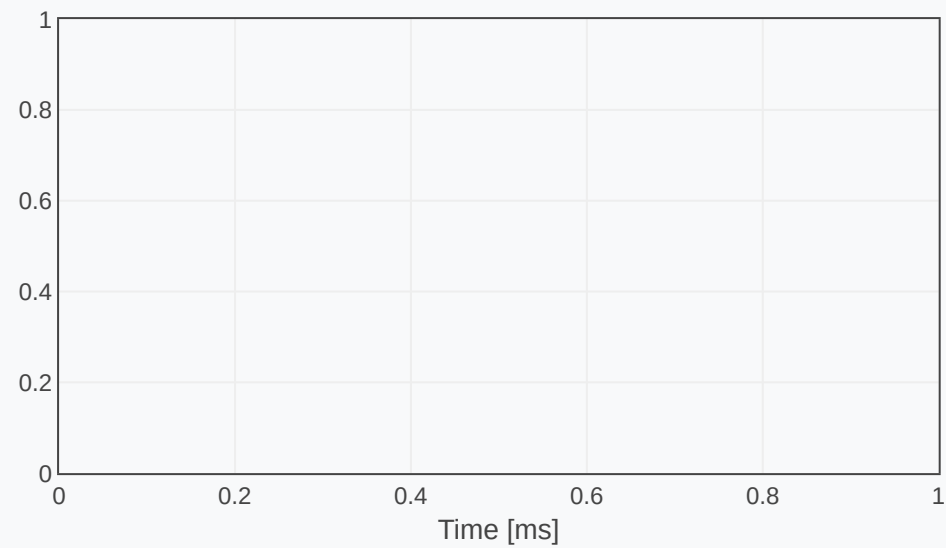
Driver Knee Slider Compression



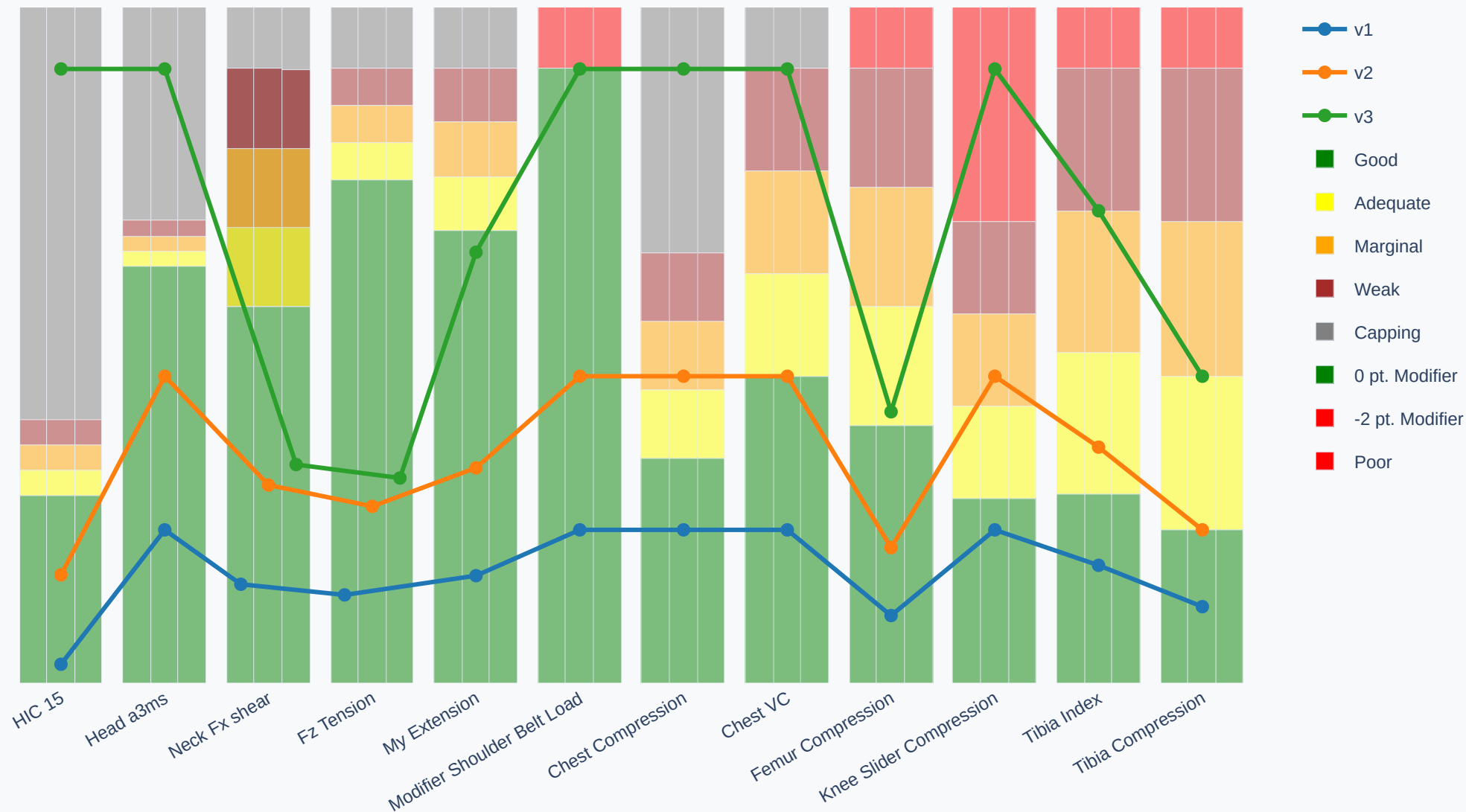
Driver Tibia Compression



Driver Tibia Index



Passenger Result



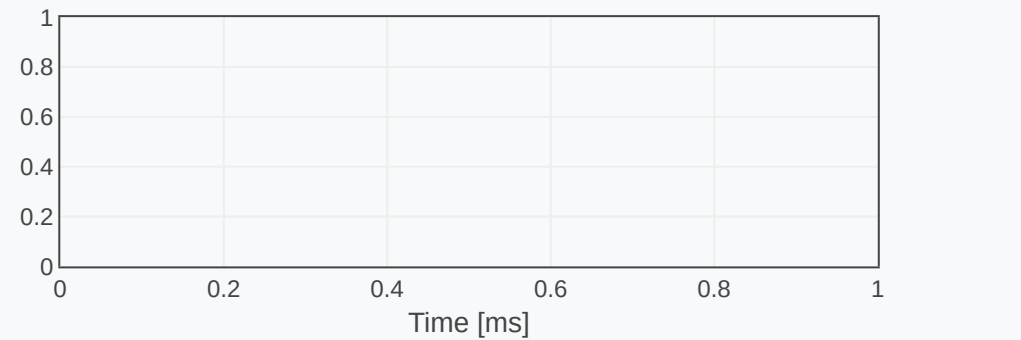
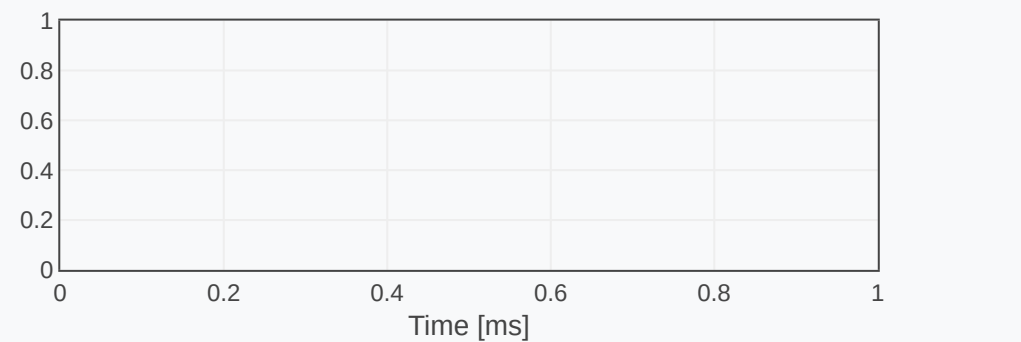
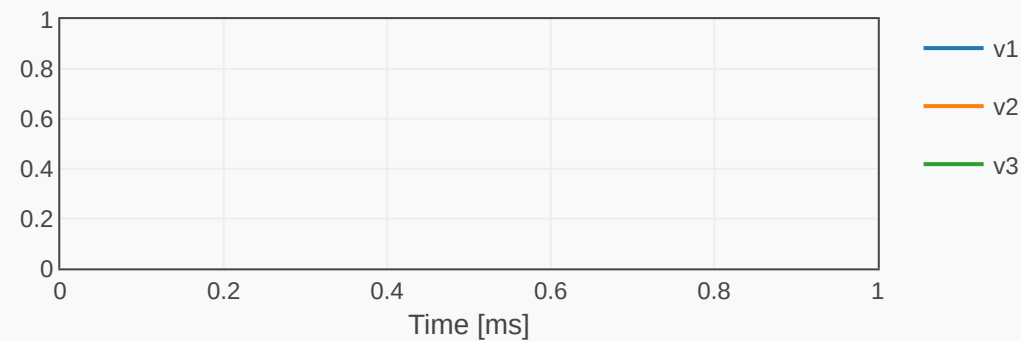
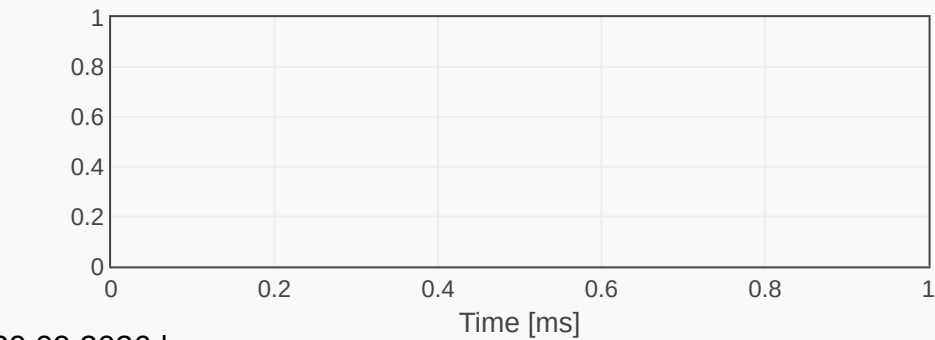
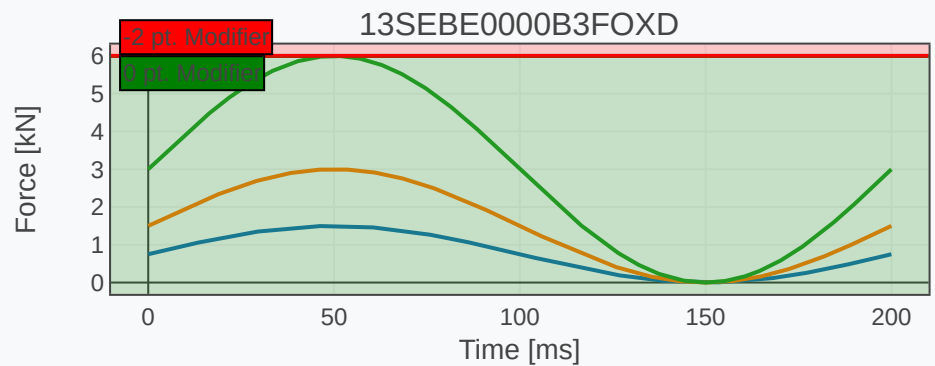
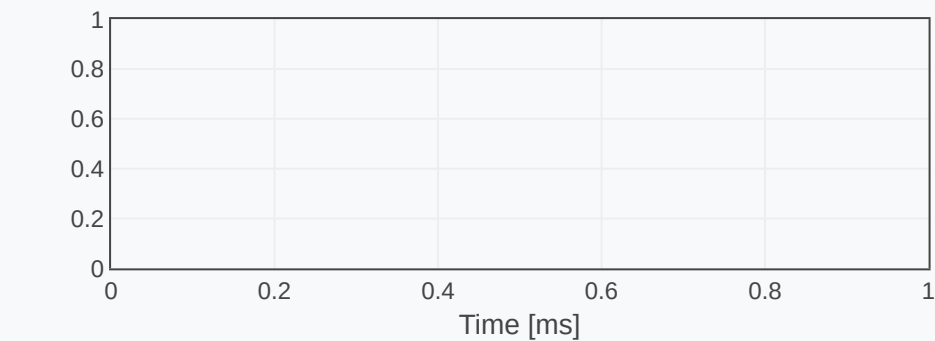
Passenger Rating

	v1	v2	v3
Head and Neck	4.0	4.0	-inf
Chest	4.0	2.4	-inf
Knee, Femur and Pelvis	4.0	2.2	0.0
Lower Leg	4.0	3.6	1.3
Passenger	16.0	12.2	-inf

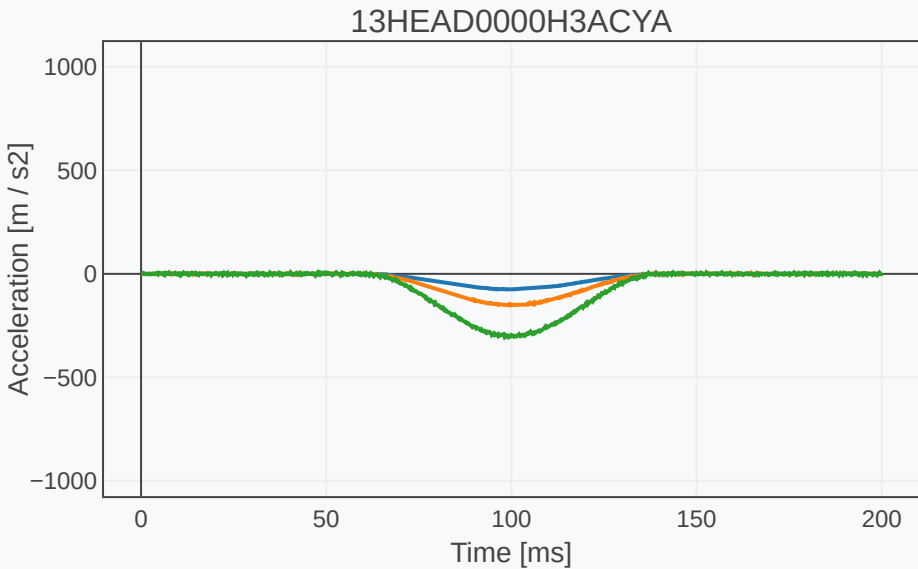
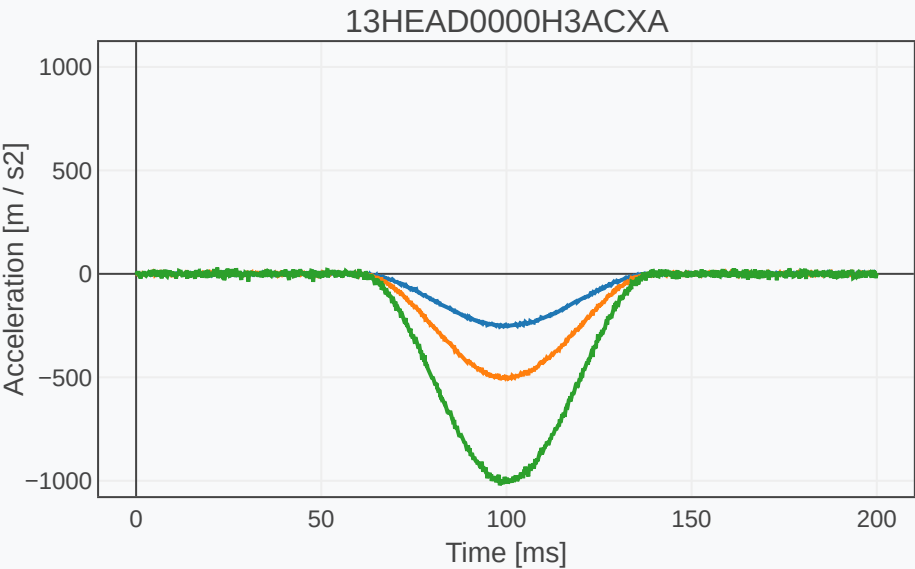
Passenger Values

	v1	v2	v3
HIC 15 []	51.02	288.6	1633
Head a3ms [g0]	26.56	53.11	106.2
Neck Fx shear [kN]	0.5	1	1.103
Fz Tension [kN]	0.4755	0.9511	1.103
My Extension [N m]	-10	-20	-40
Modifier Shoulder Belt Load [kN]	1.5	3	6
Chest Compression [mm]	-15	-30	-60
Chest VC [m / s]	0.25	0.5	1
Femur Compression [kN]	-1	-2	-4
Knee Slider Compression [mm]	-5	-10	-20
Tibia Index []	0.25	0.5	1
Tibia Compression [kN]	-1	-2	-4

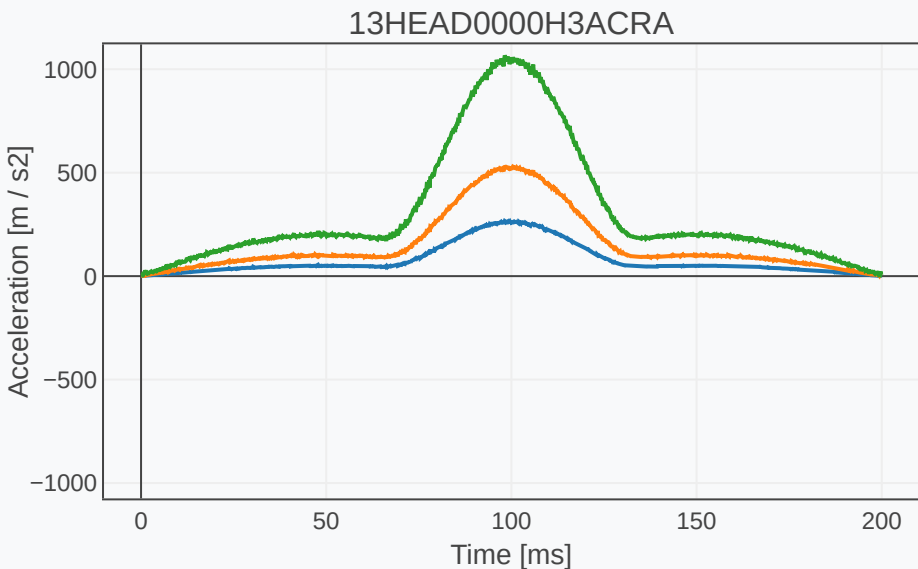
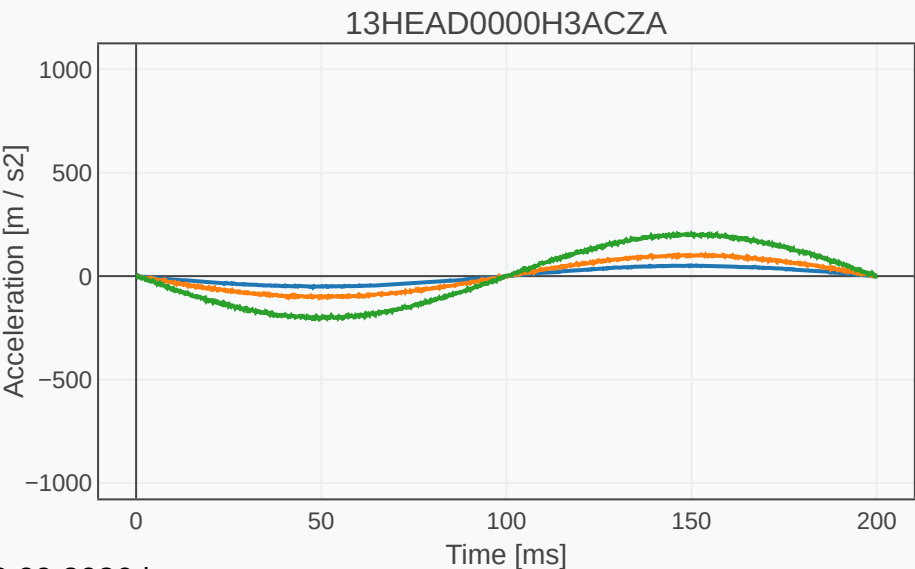
Passenger Belt



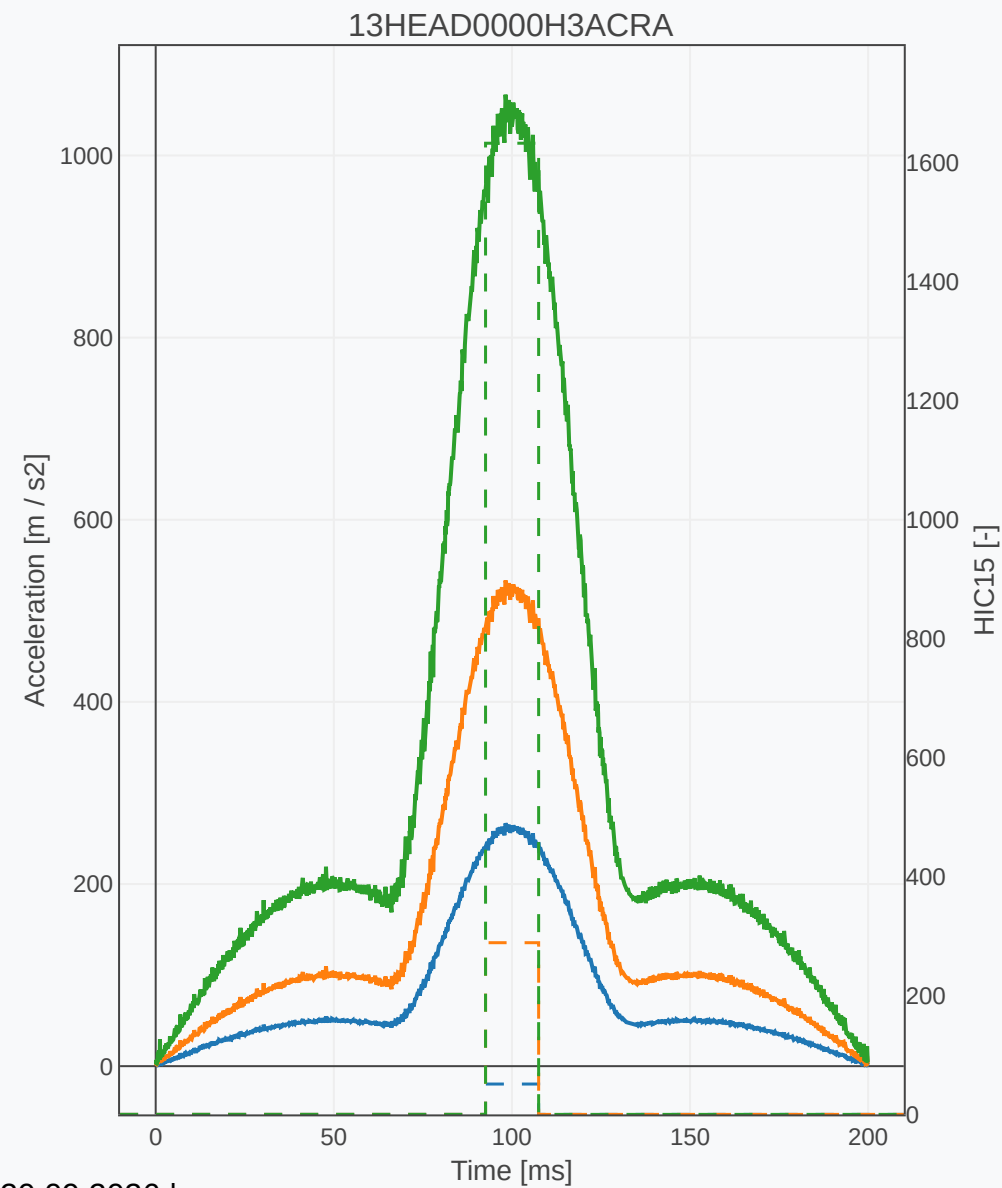
Passenger Head Acceleration



v1
v2
v3



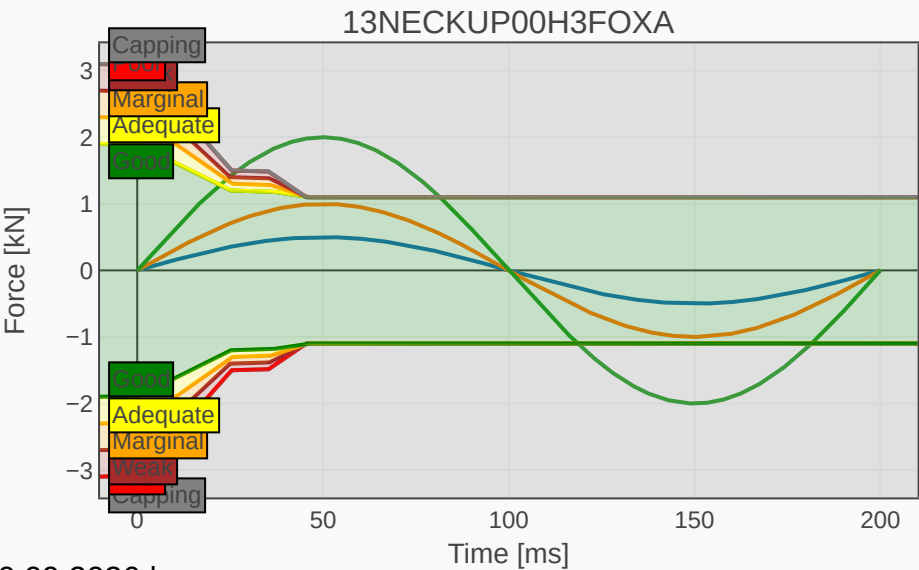
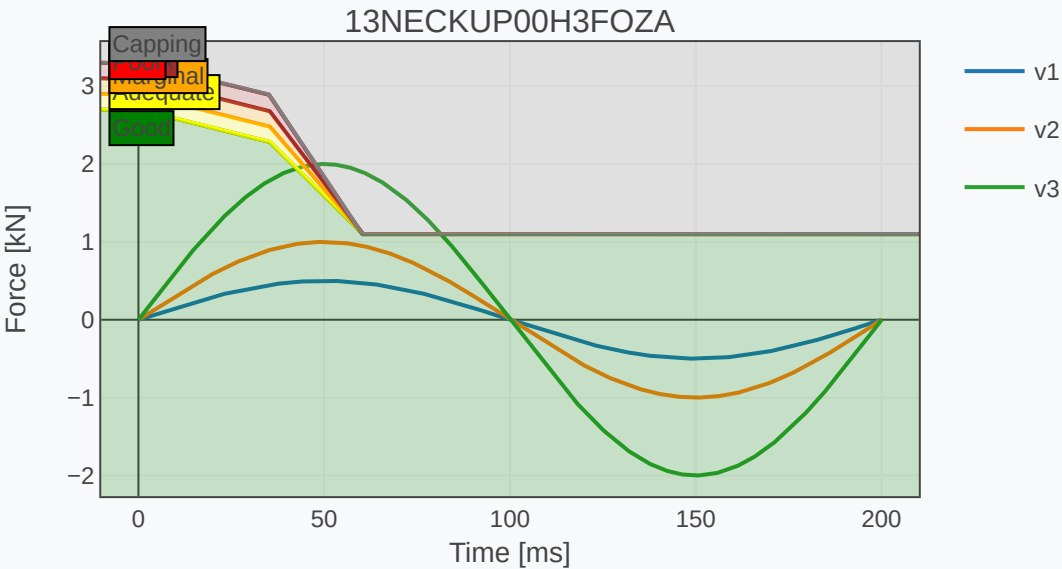
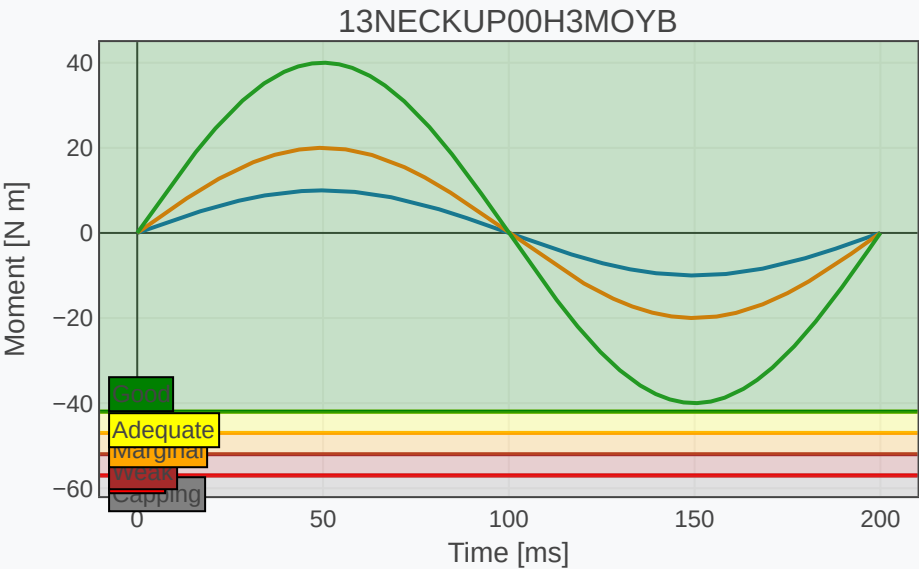
Passenger HIC15



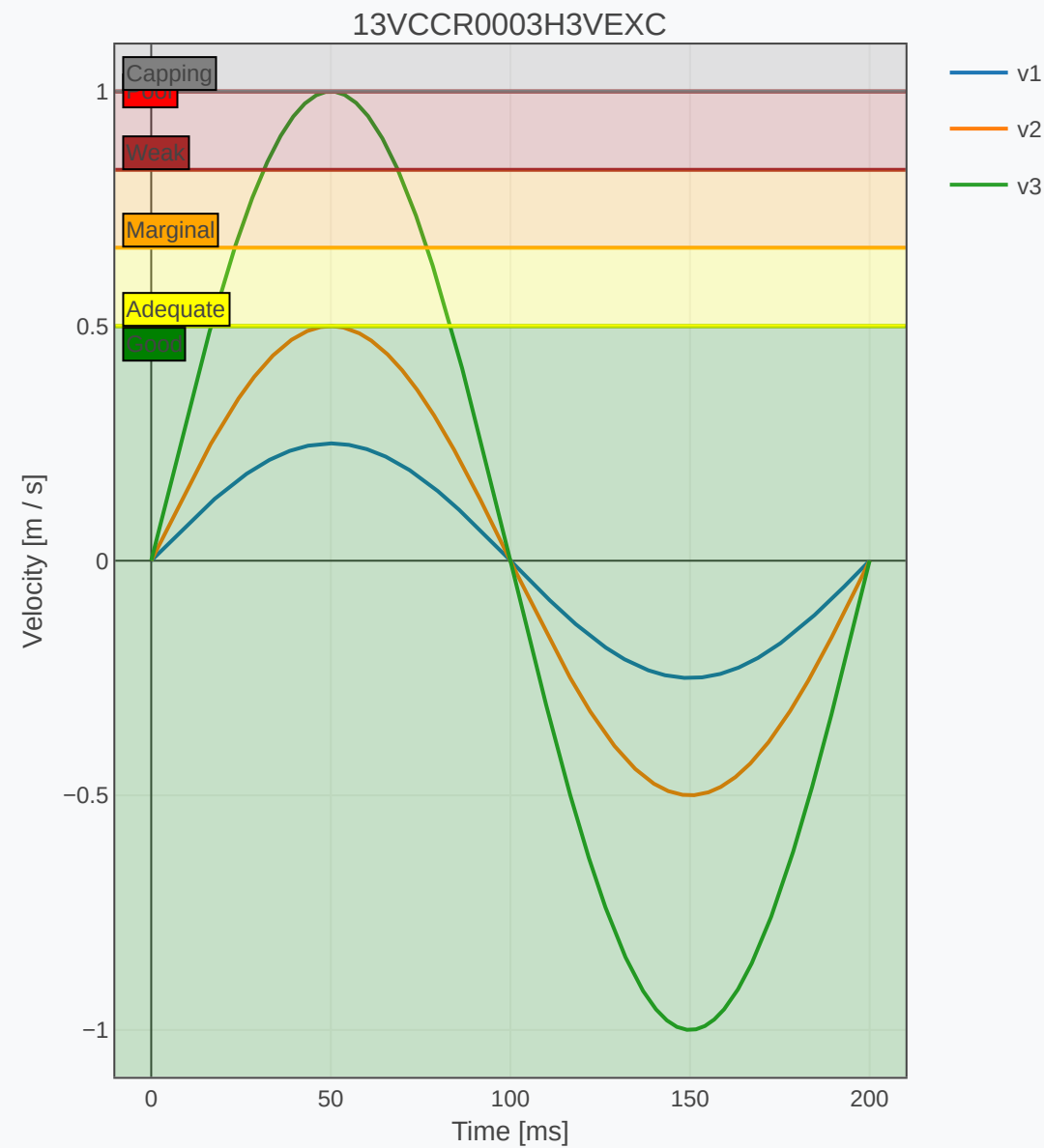
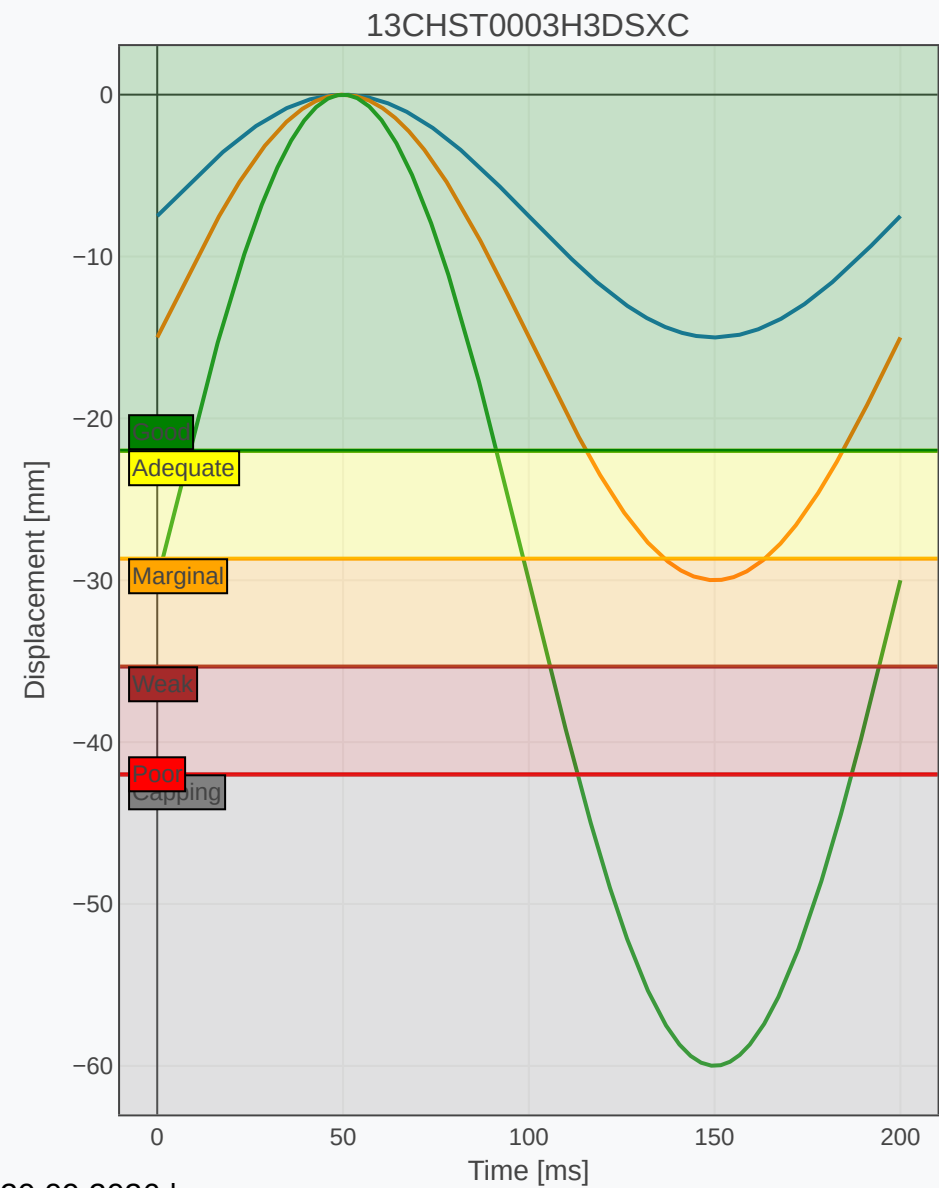
	HIC15	Start [ms]	End [ms]
v1	51.0	92.60	107.50
v2	288.6	92.60	107.50
v3	1632.6	92.60	107.50

- v1
- v2
- v3
- v1 HIC15
- v2 HIC15
- v3 HIC15

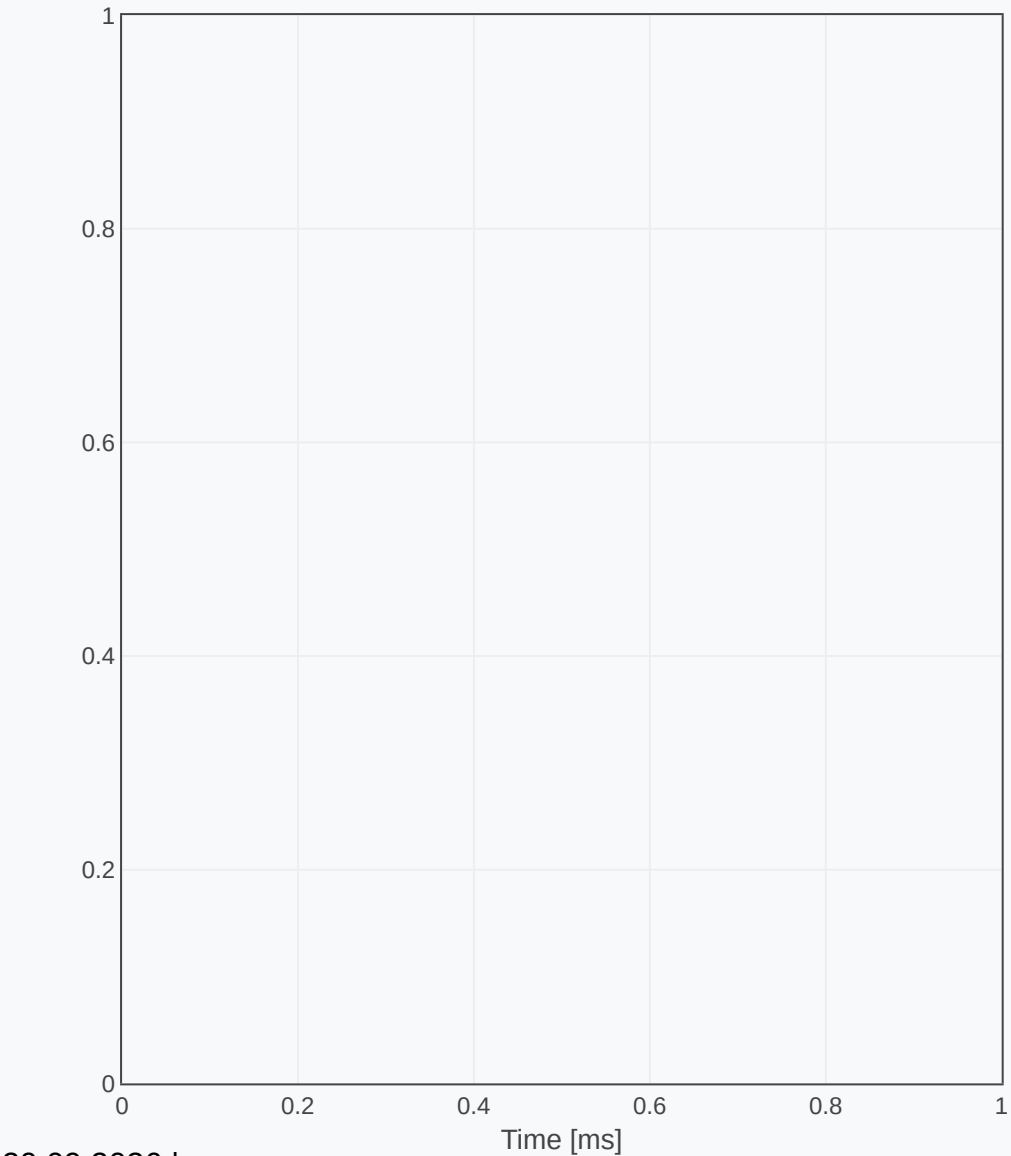
Passenger Neck Load



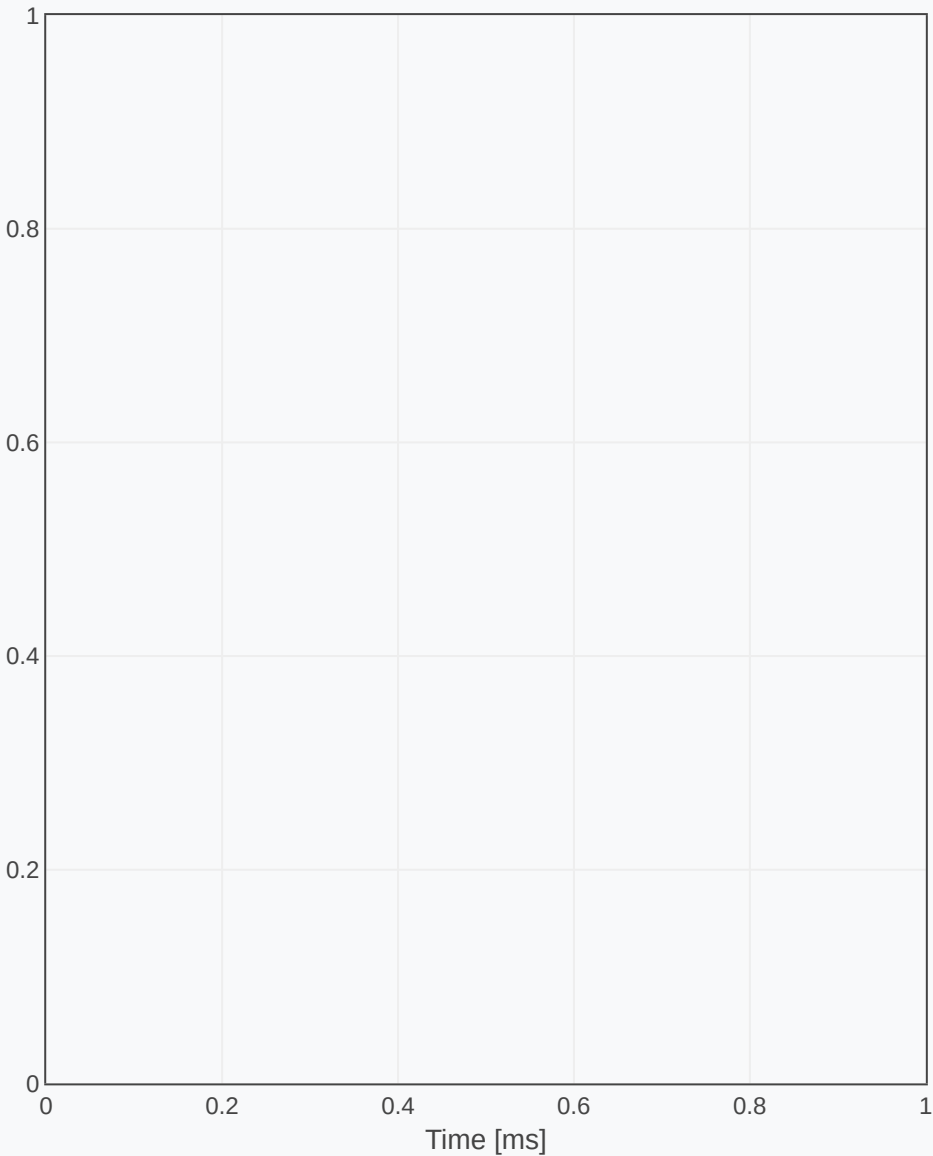
Passenger Chest Deflection



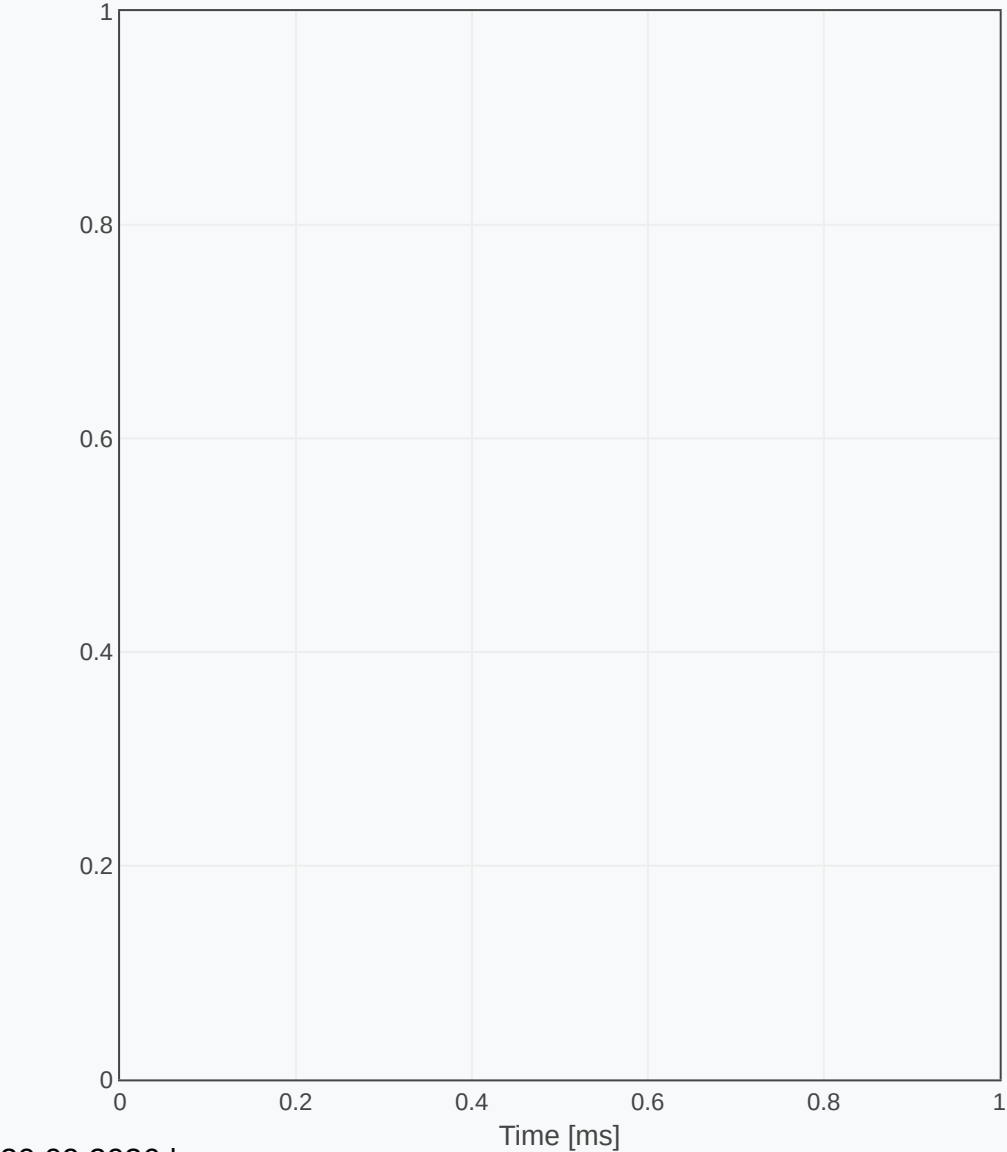
Passenger Femur Axial Force



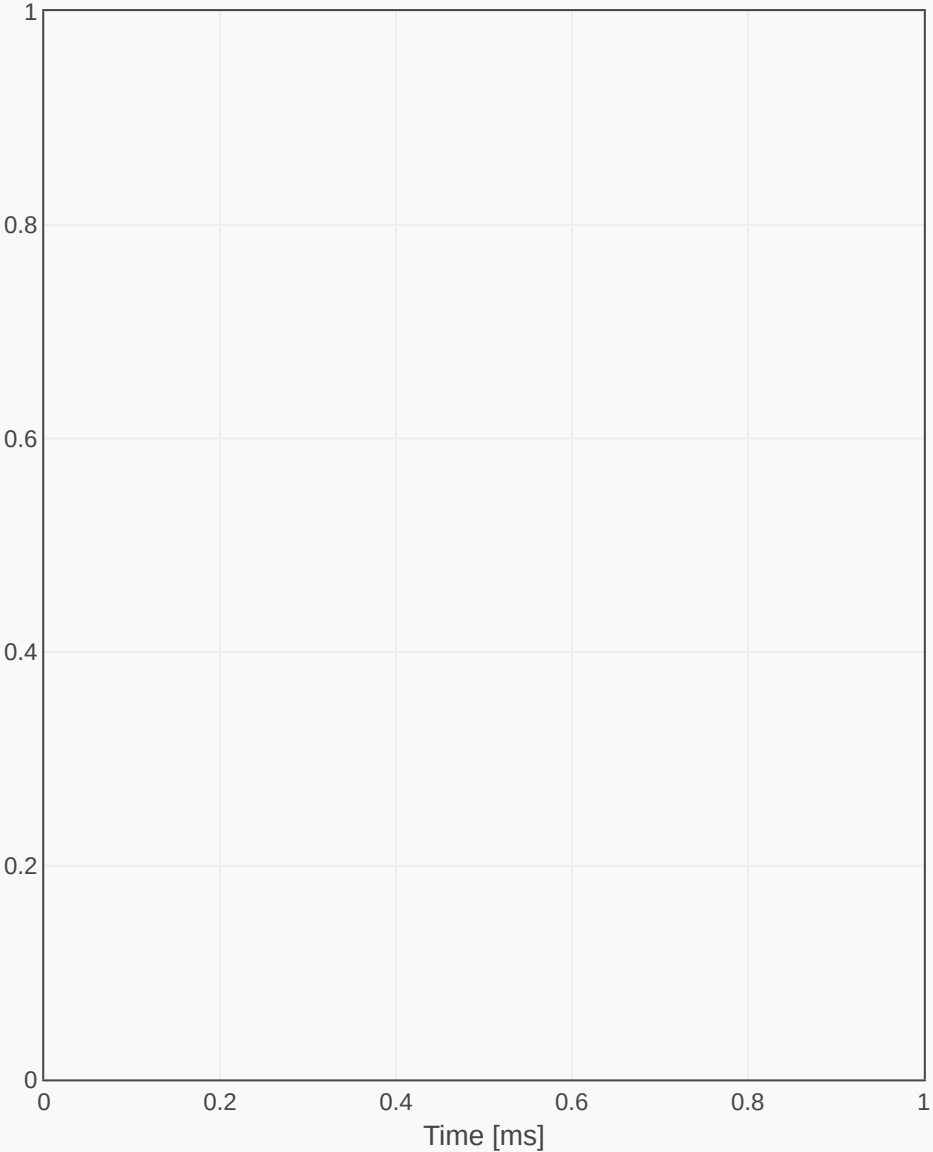
20.09.2026 | runner



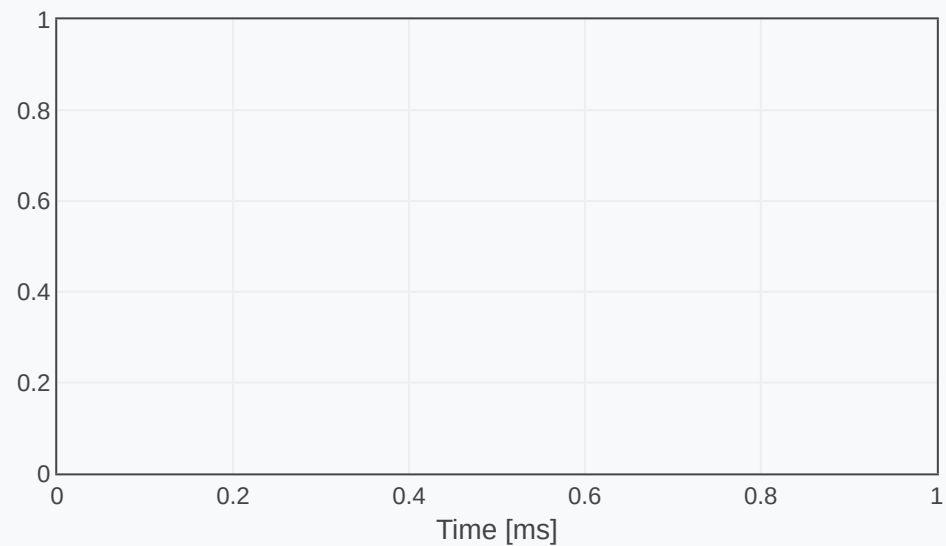
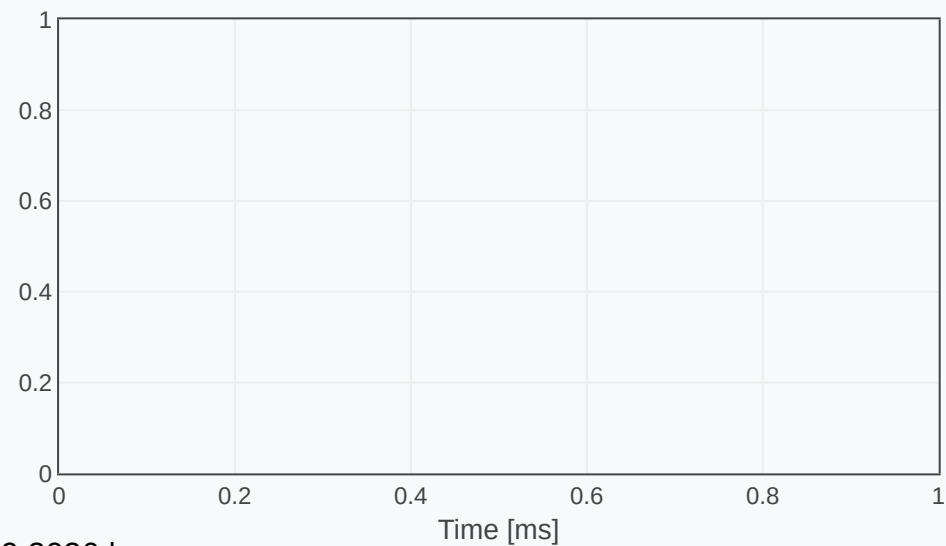
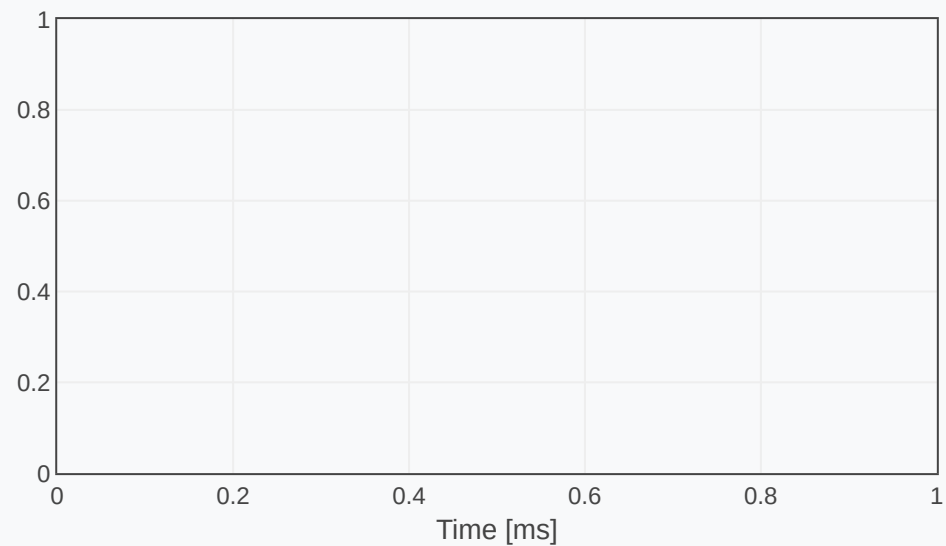
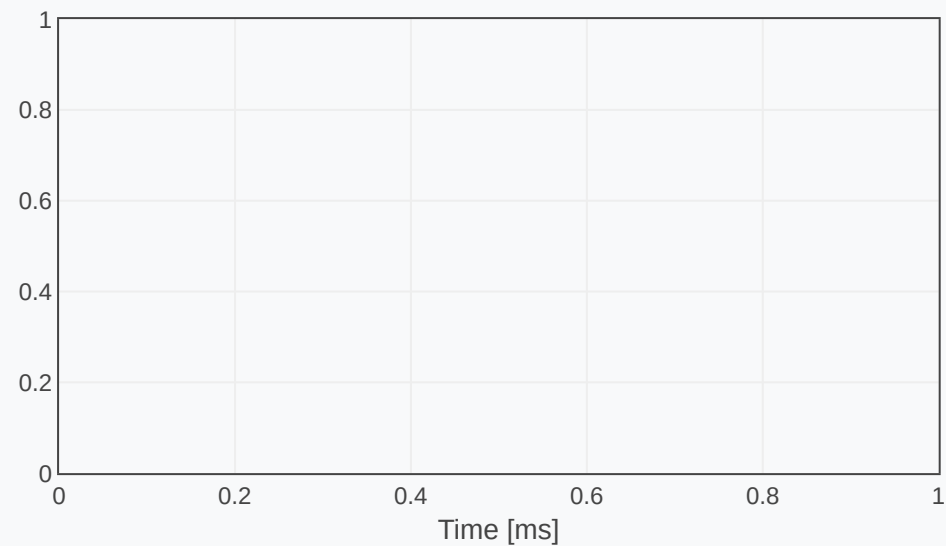
Passenger Knee Slider Compression



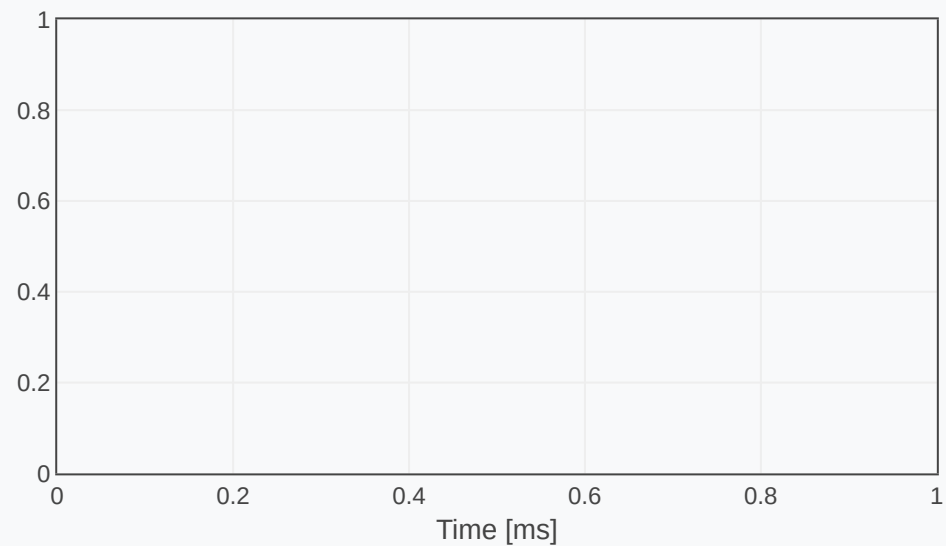
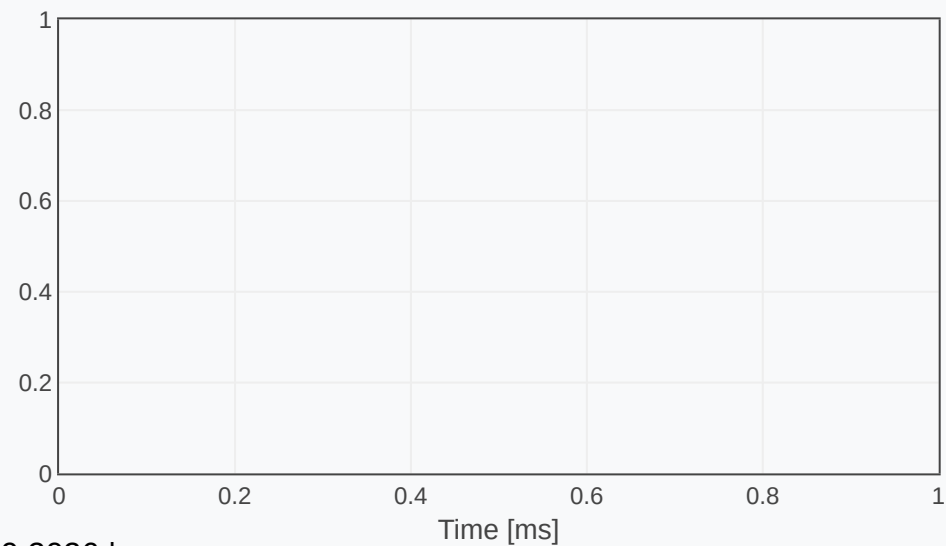
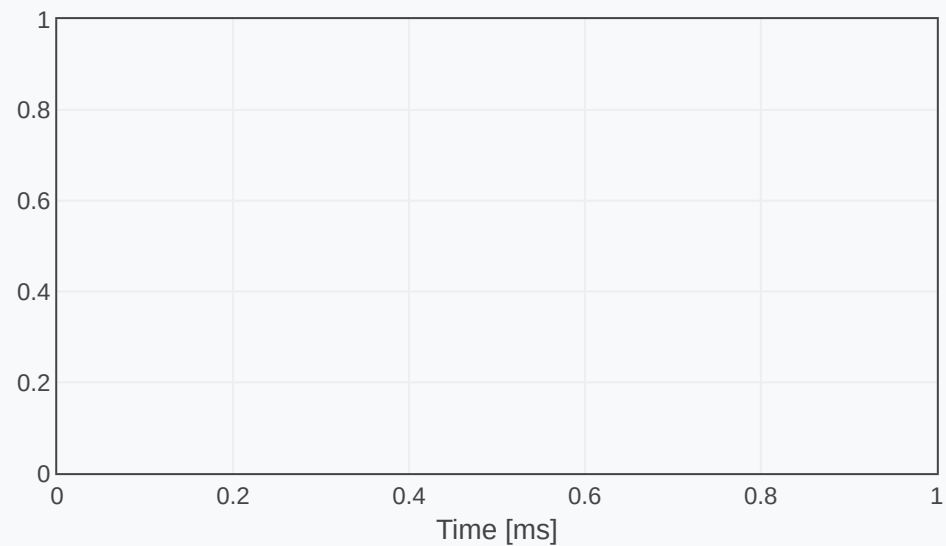
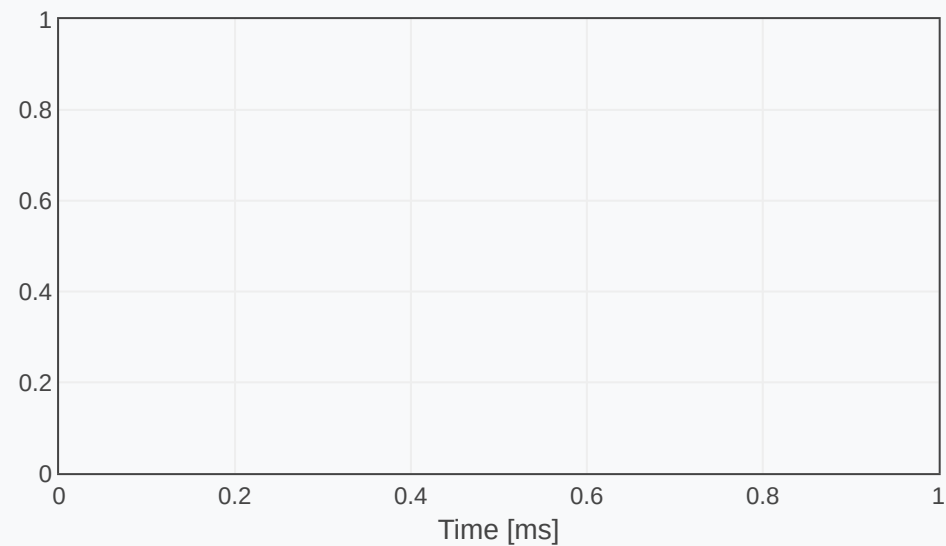
20.09.2026 | runner



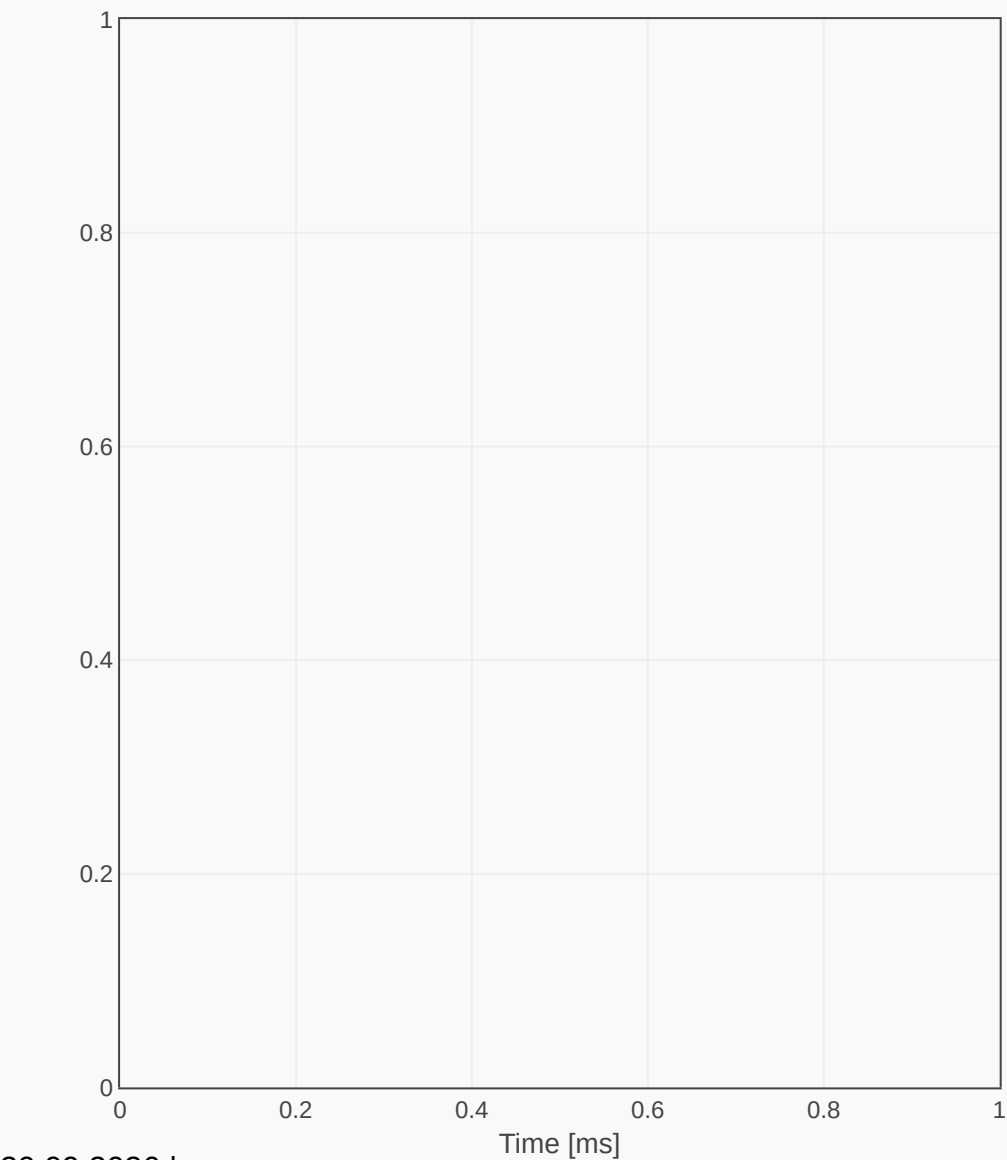
Passenger Tibia Compression



Passenger Tibia Index

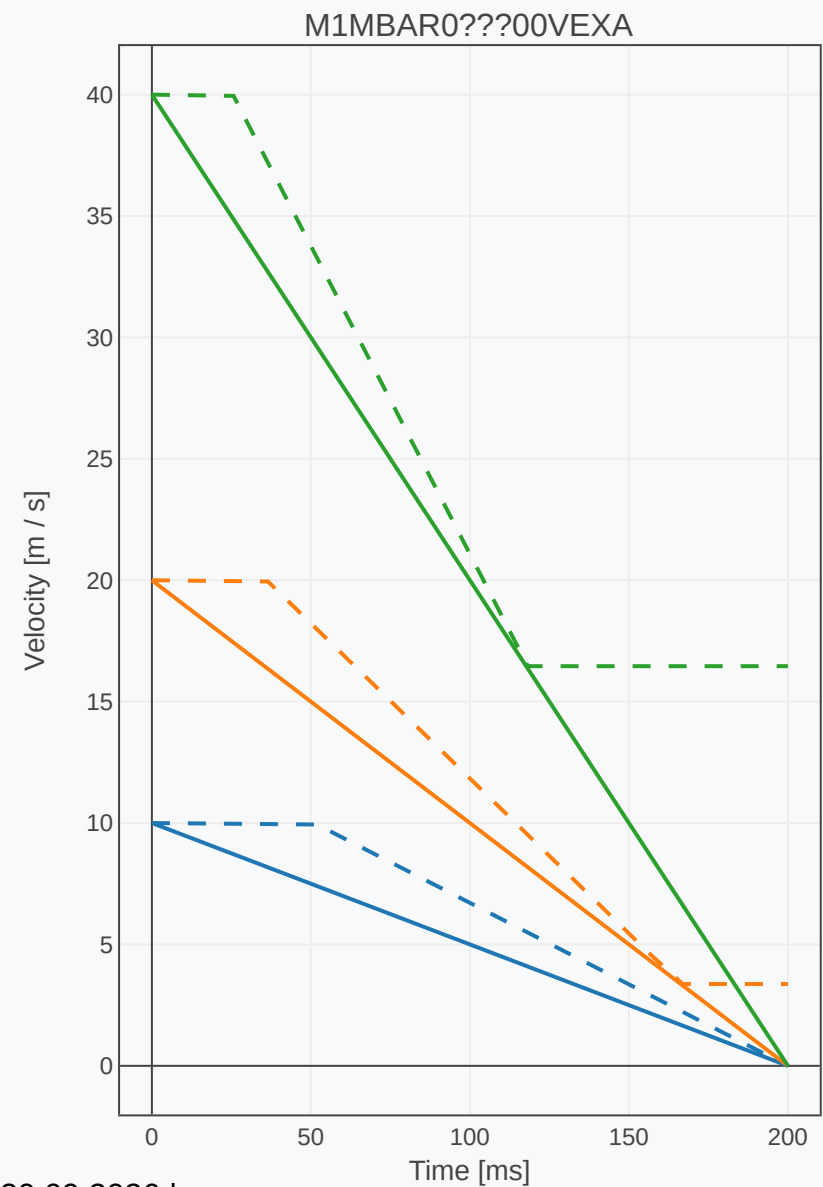


Occupant Load Criterion (OLC)



	OLC [g]
v1	nan
v2	nan
v3	nan

Occupant Load Criterion (OLC) of Trolley



	OLC [g]
v1	6.84
v2	13.02
v3	26.03

- v1 M1MBAR000000VEXA
- v1 M1MBAR0OLC00VEXA
- v2 M1MBAR000000VEXA
- v2 M1MBAR0OLC00VEXA
- v3 M1MBAR000000VEXA
- v3 M1MBAR0OLC00VEXA

Unnamed Report

Euro NCAP | Pole Side Impact at 32 km/h
v1 | v2 | v3

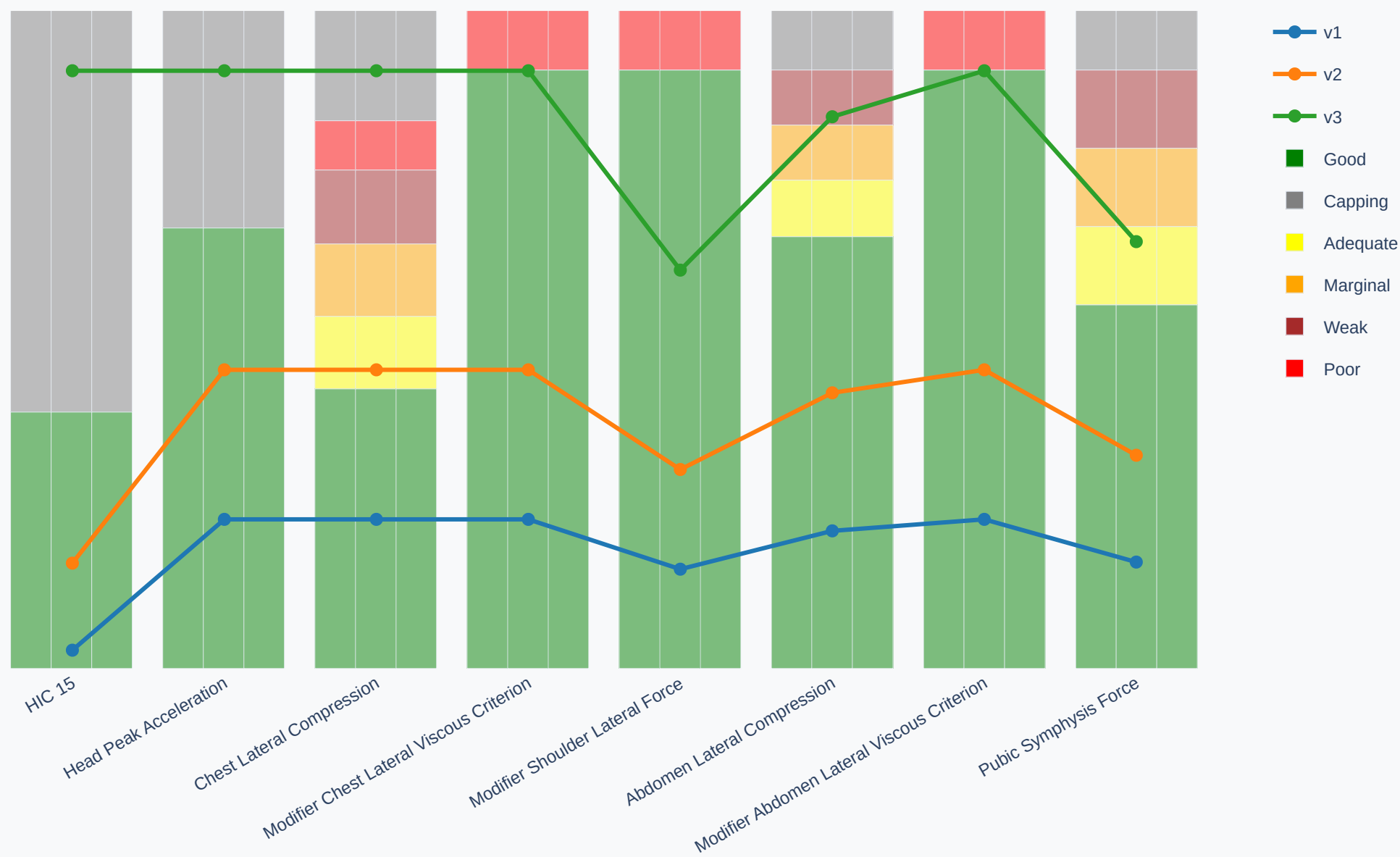
Report Status

	v1	v2	v3
Overall	OK	OK	OK
Head	OK	OK	OK
HIC 15	OK	OK	OK
Head Peak Acceleration	OK	OK	OK
Direct head contact with the pole	OK	OK	OK
Chest	OK	OK	OK
Chest Lateral Compression	OK	OK	OK
Modifier Chest Lateral Viscous Criterion	OK	OK	OK
Modifier Shoulder Lateral Force	OK	OK	OK
Abdomen	OK	OK	OK
Abdomen Lateral Compression	OK	OK	OK
Modifier Abdomen Lateral Viscous Criterion	OK	OK	OK
Pelvis	OK	OK	OK
Pubic Symphysis Force	OK	OK	OK
Modifier for Side Head Protection Device	OK	OK	OK
Modifier for Incorrect Airbag Deployment	OK	OK	OK
Door Opening During Impact	OK	OK	OK

Manual Inputs

	Default	Source	v1	v2	v3
p	'1'	test report	'1'	'1'	'1'
direct_head_contact_with_the_pole	False	video	False	False	False
head_protection_device_insufficient_front	False	geometric assessment	False	False	False
head_protection_device_insufficient_rear	False	geometric assessment	False	False	False
number_of_body_regions_with_incorrect_airbag_deployment	0	test report	0	0	0
number_of_door_openings_during_impact	0	test report	0	0	0

Values



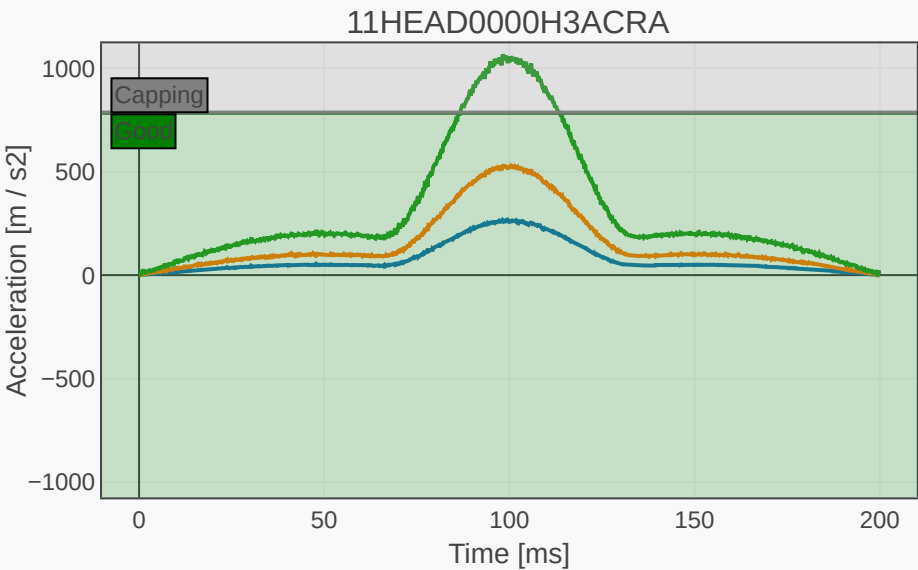
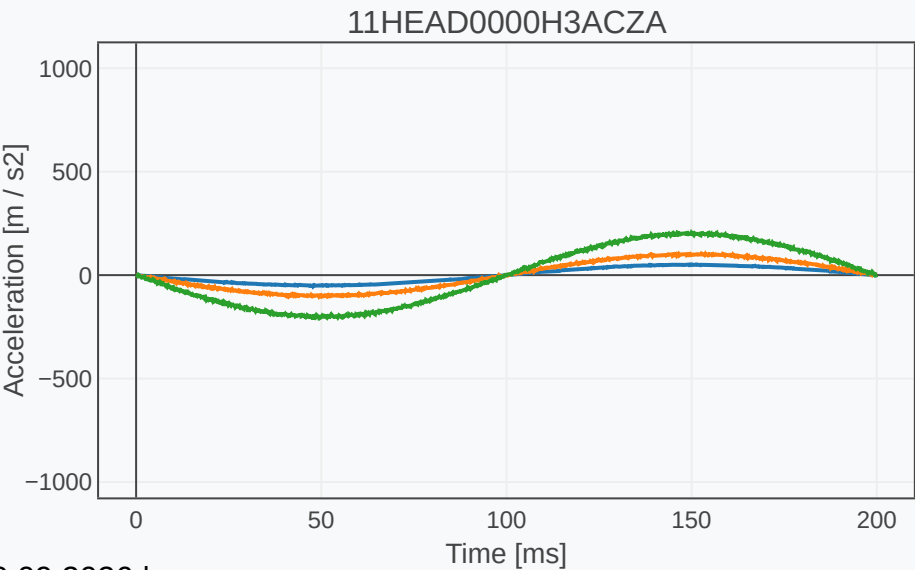
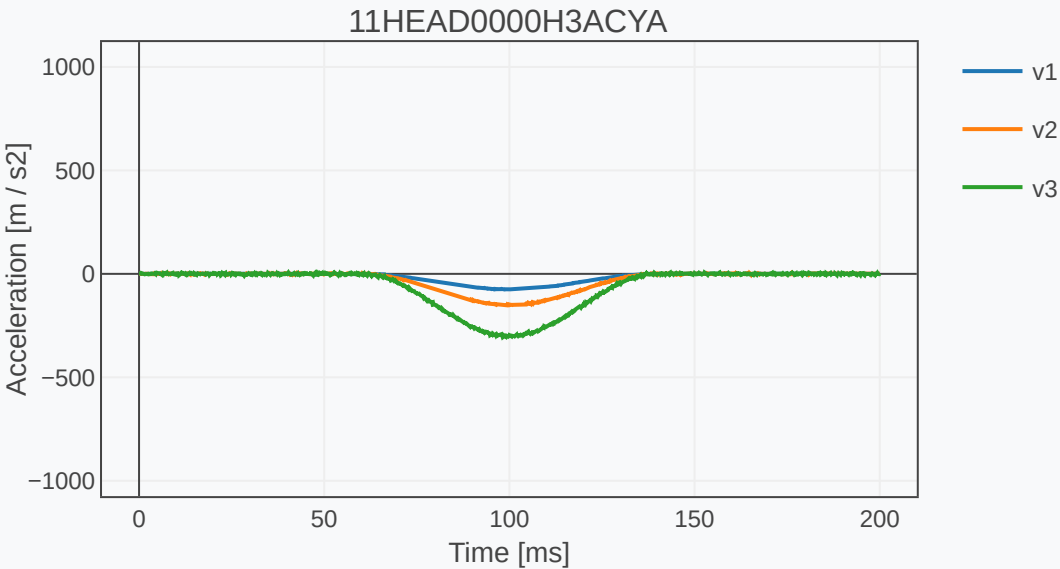
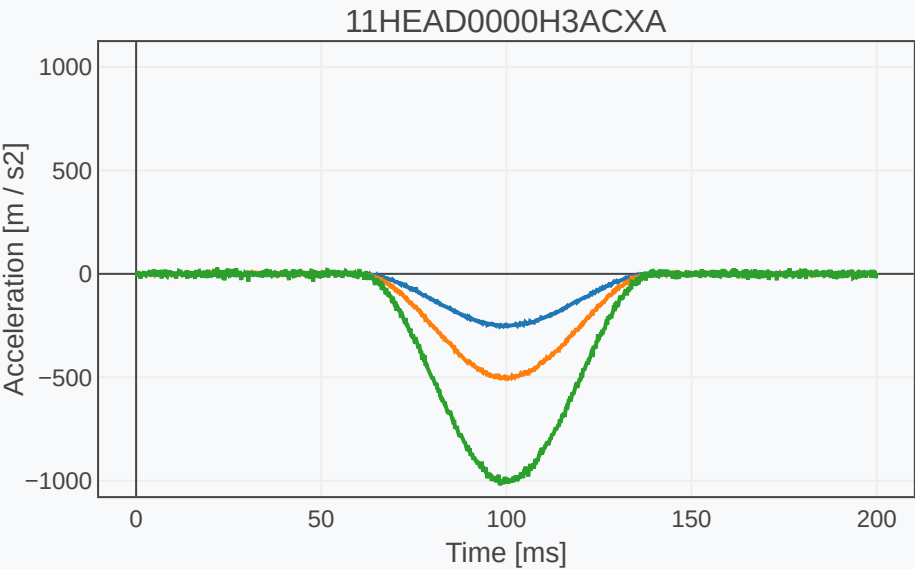
Rating

	v1	v2	v3
Head	4.0	4.0	-inf
Chest	4.0	3.6	-inf
Abdomen	4.0	4.0	1.1
Pelvis	4.0	4.0	2.9
Overall	16.0	15.6	0.0

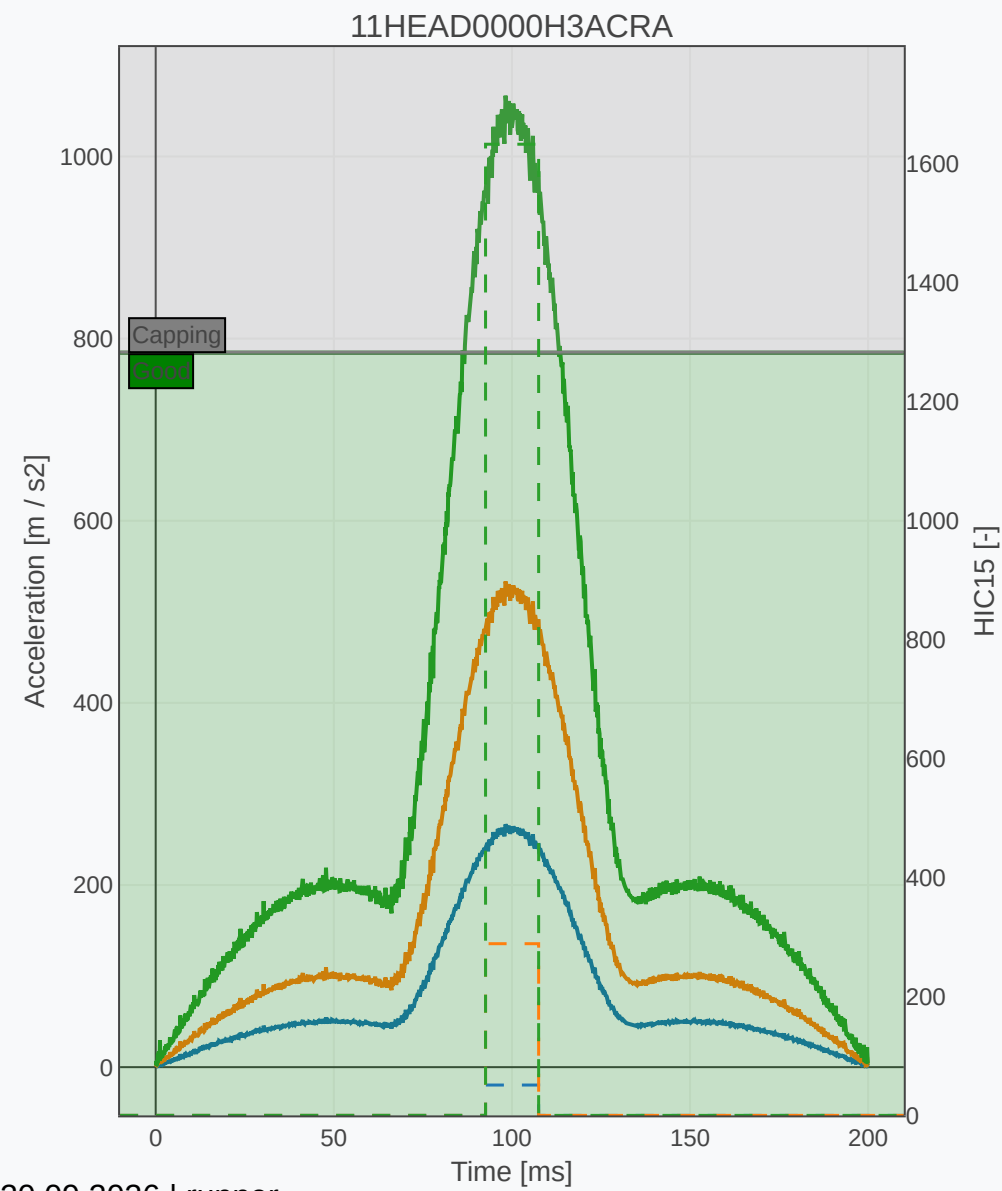
Values

	v1	v2	v3
HIC 15 []	51.02	288.6	1633
Head Peak Acceleration [g0]	27.2	54.39	108.8
Chest Lateral Compression [mm]	-15	-30	-60
Modifier Chest Lateral Viscous Criterion [m / s]	0.25	0.5	1
Modifier Shoulder Lateral Force [kN]	0.5	1	2
Abdomen Lateral Compression [mm]	-15	-30	-60
Modifier Abdomen Lateral Viscous Criterion [m / s]	0.25	0.5	1
Pubic Symphysis Force [kN]	0.5	1	2

Head Acceleration



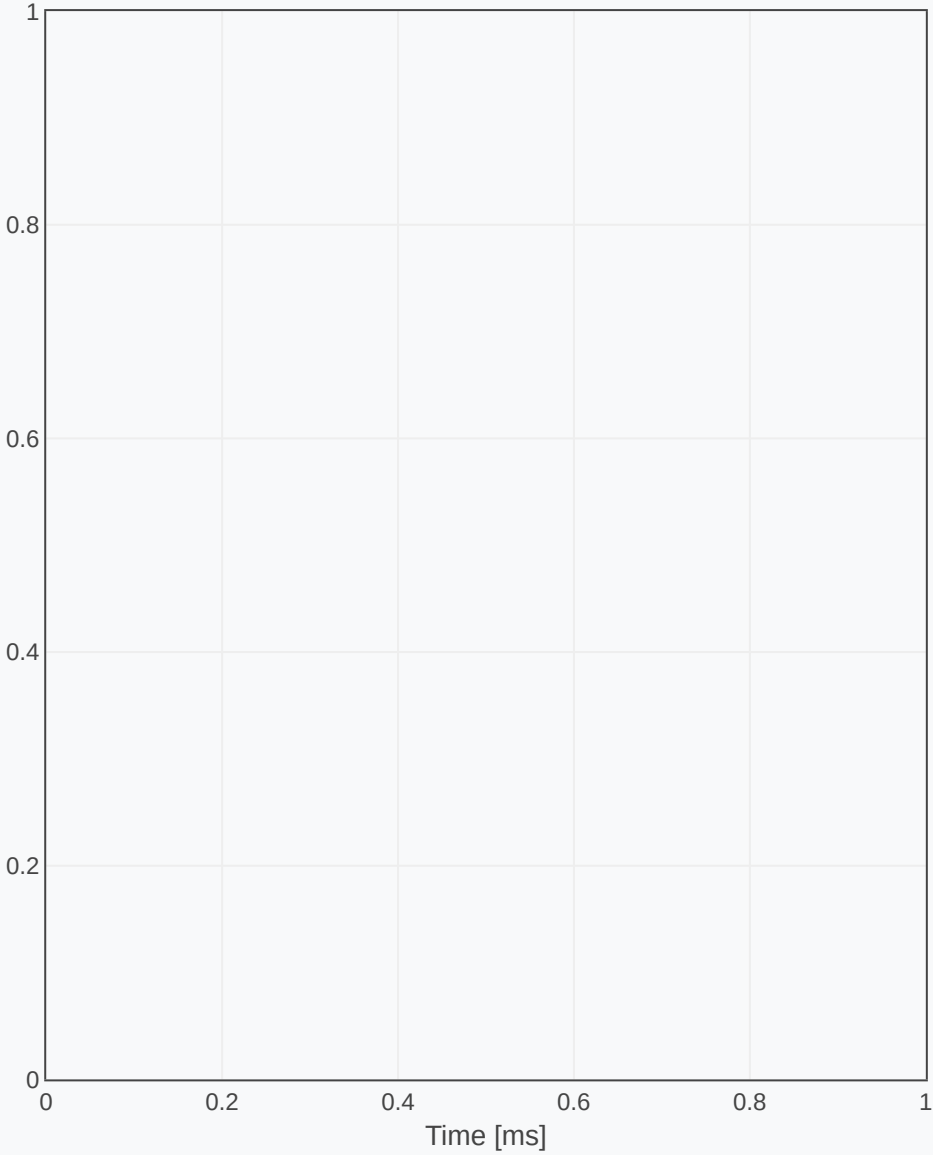
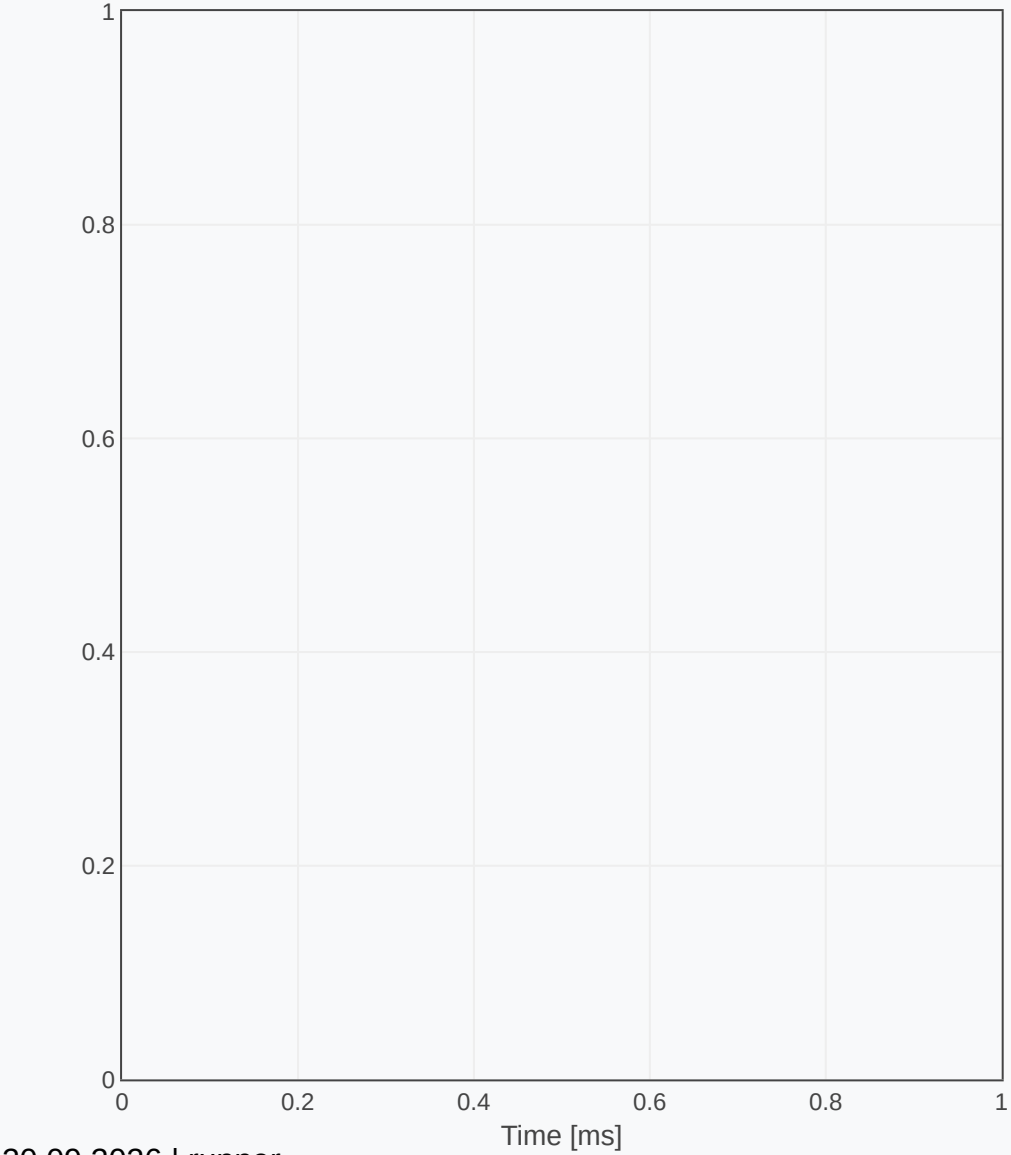
HIC15



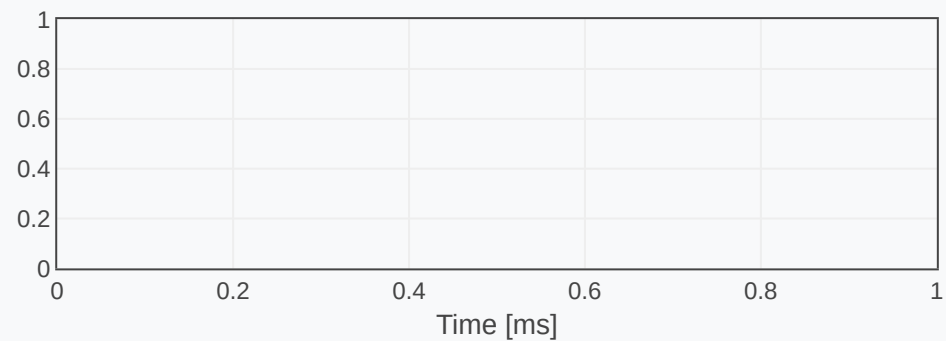
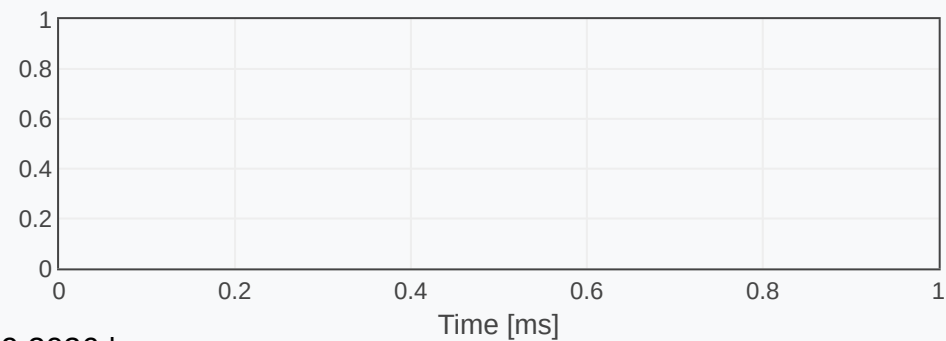
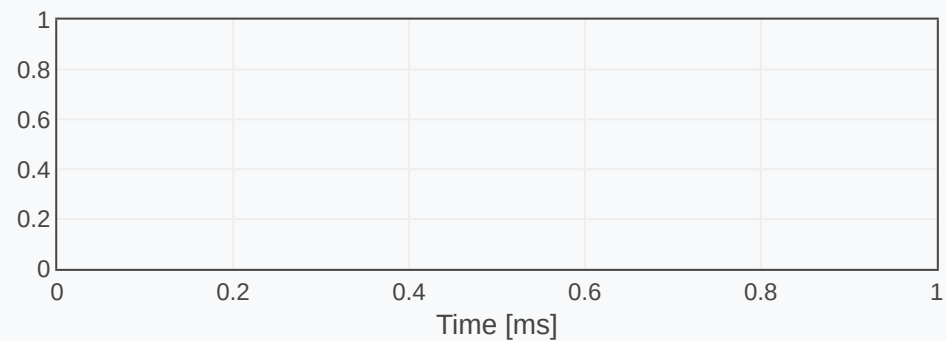
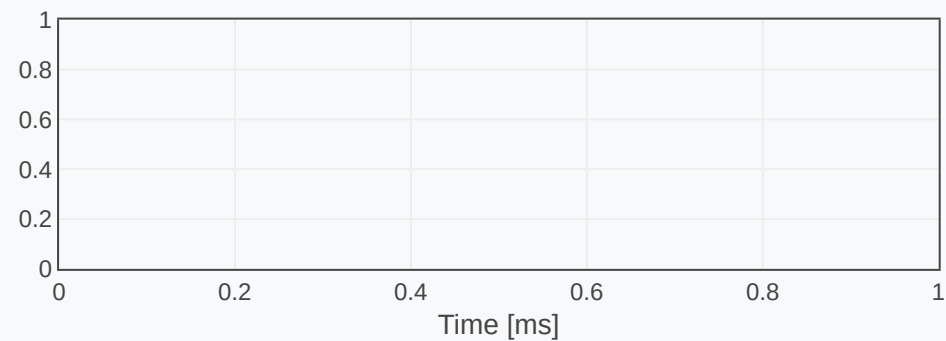
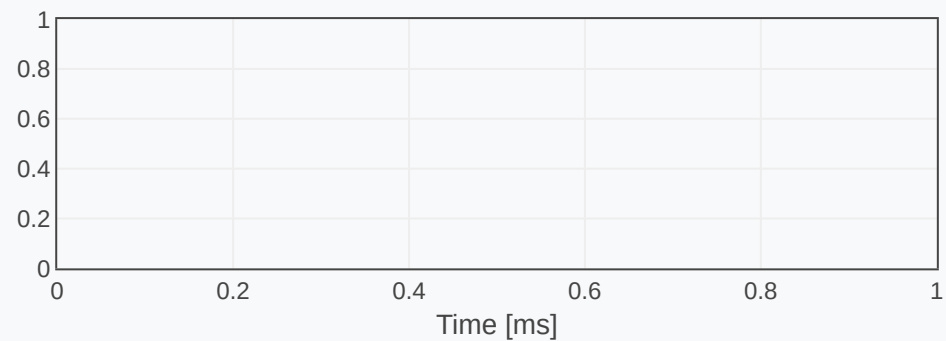
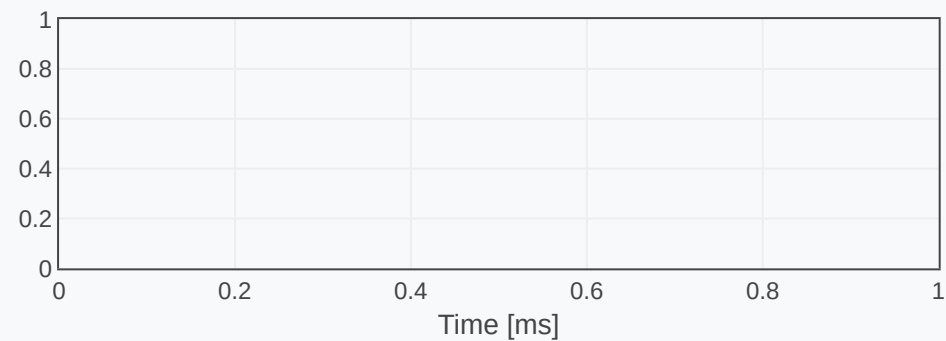
	HIC15	Start [ms]	End [ms]
v1	51.0	92.60	107.50
v2	288.6	92.60	107.50
v3	1632.6	92.60	107.50

- v1
- v2
- v3
- v1 HIC15
- v2 HIC15
- v3 HIC15

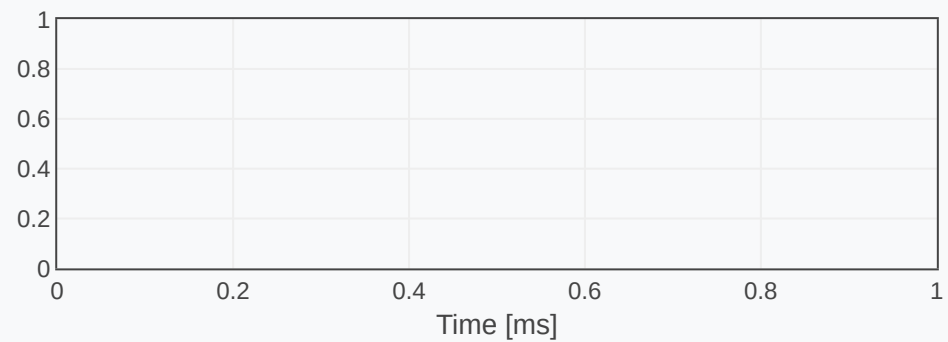
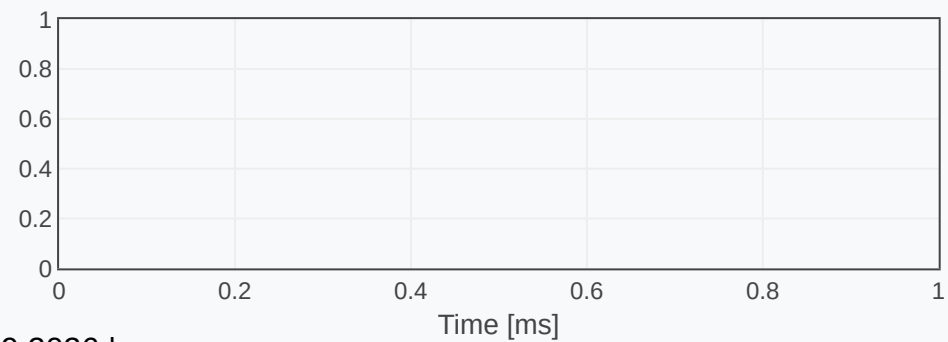
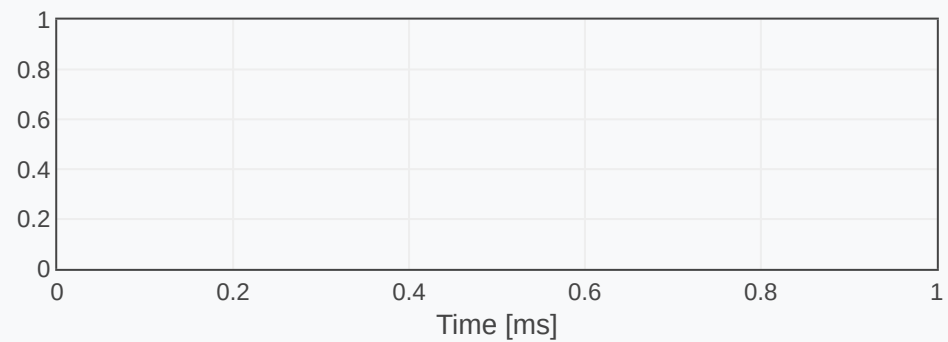
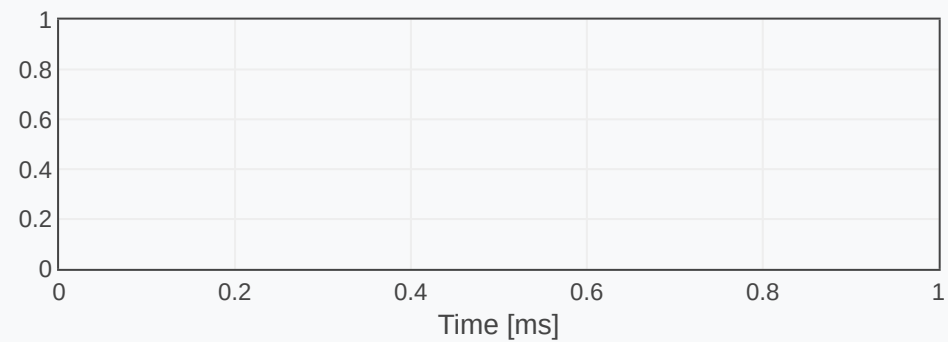
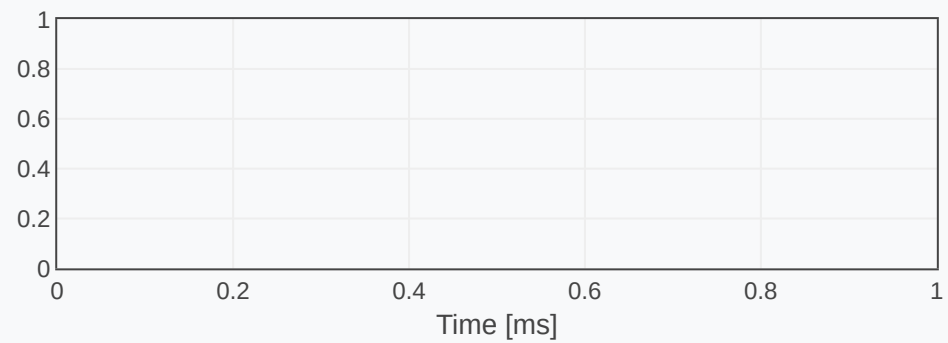
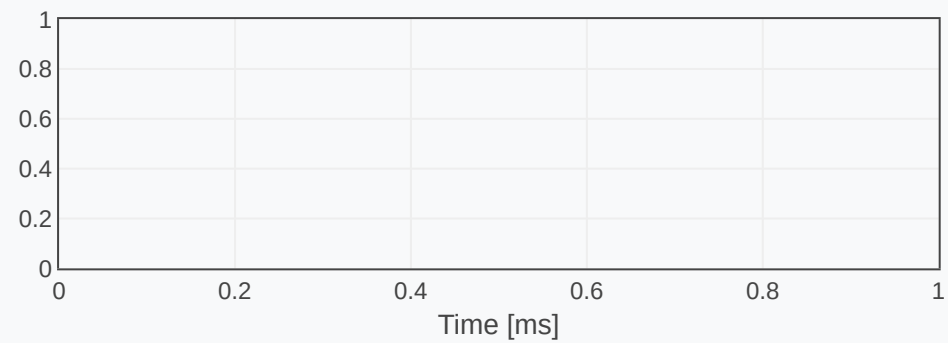
Shoulder Lateral Force



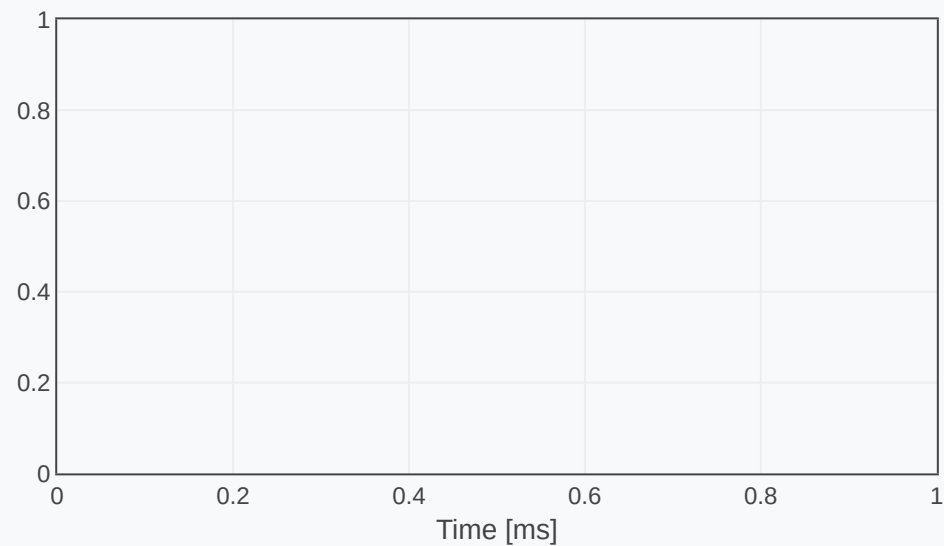
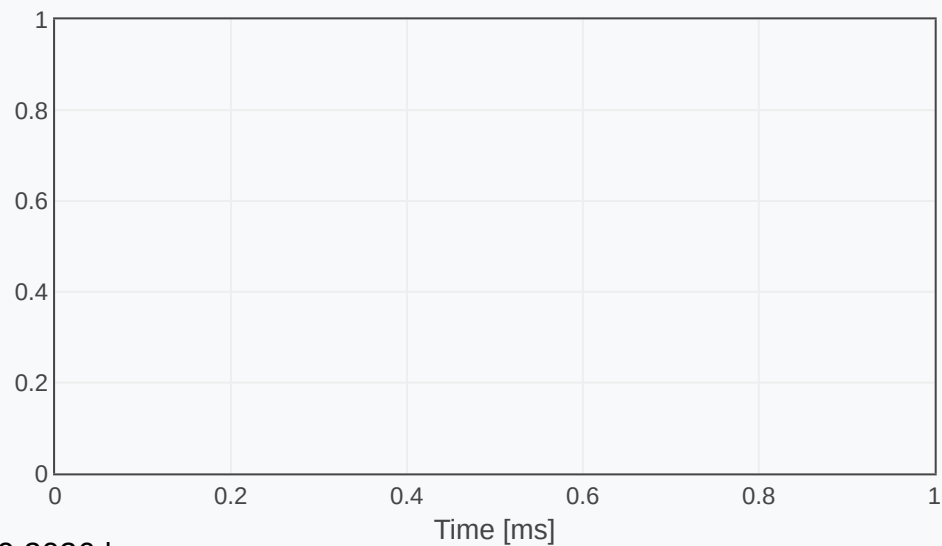
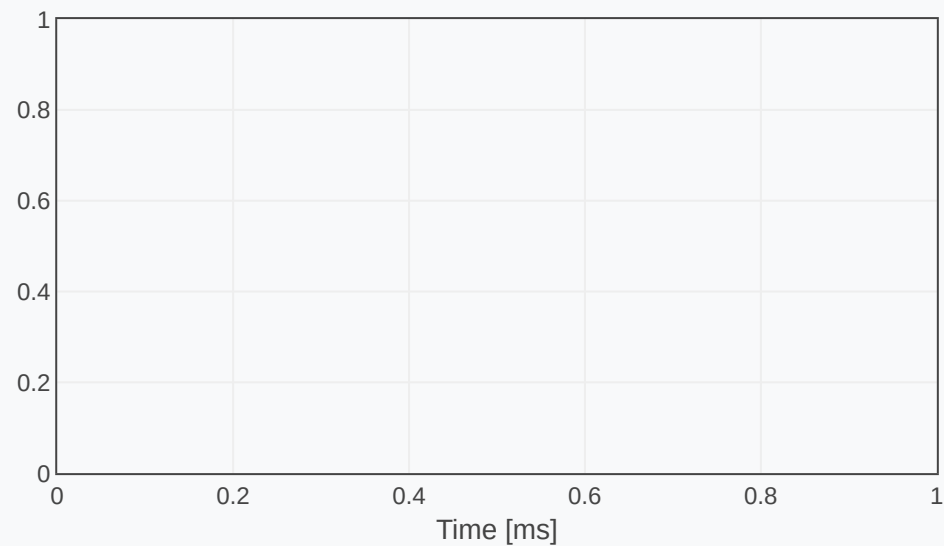
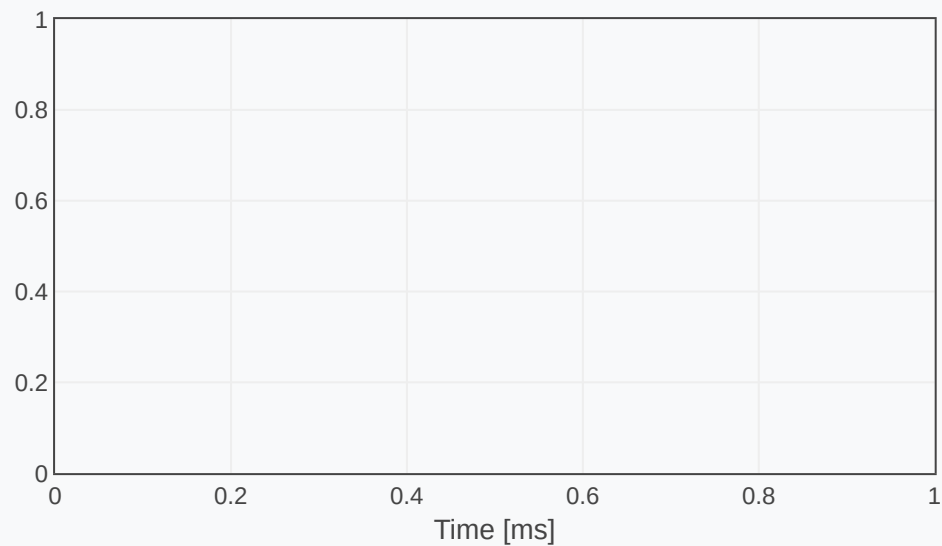
Chest Lateral Compression



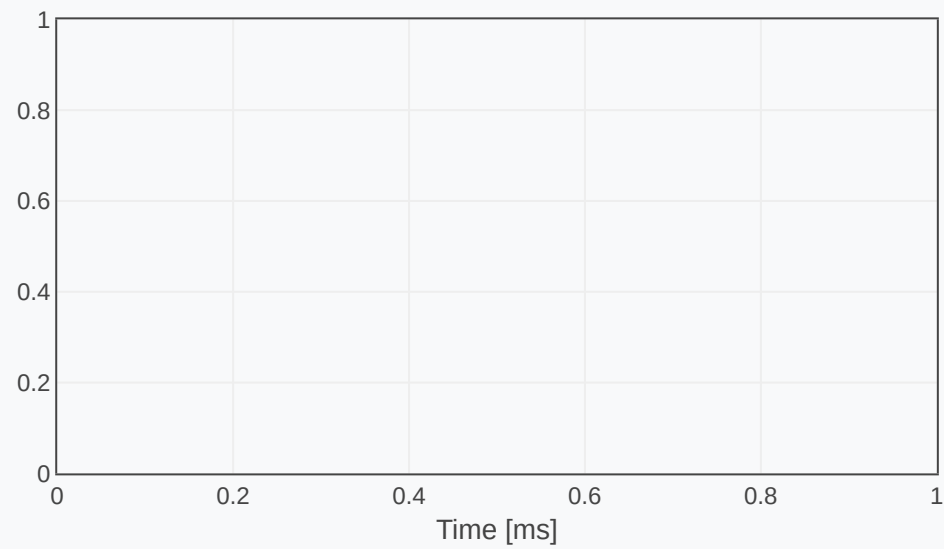
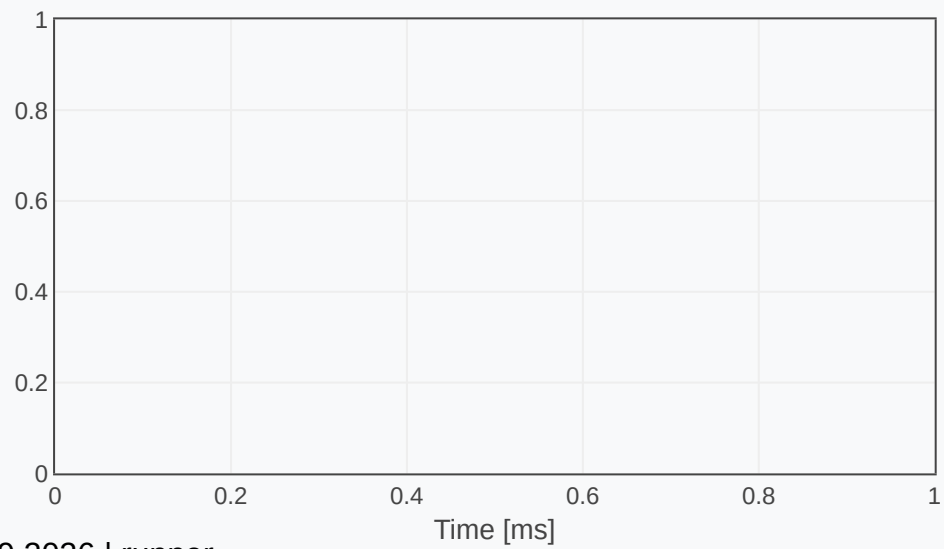
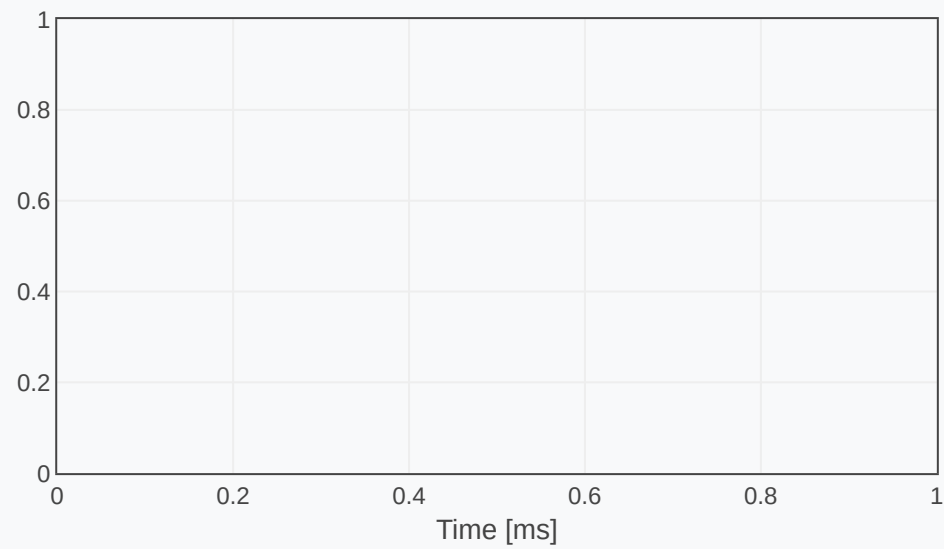
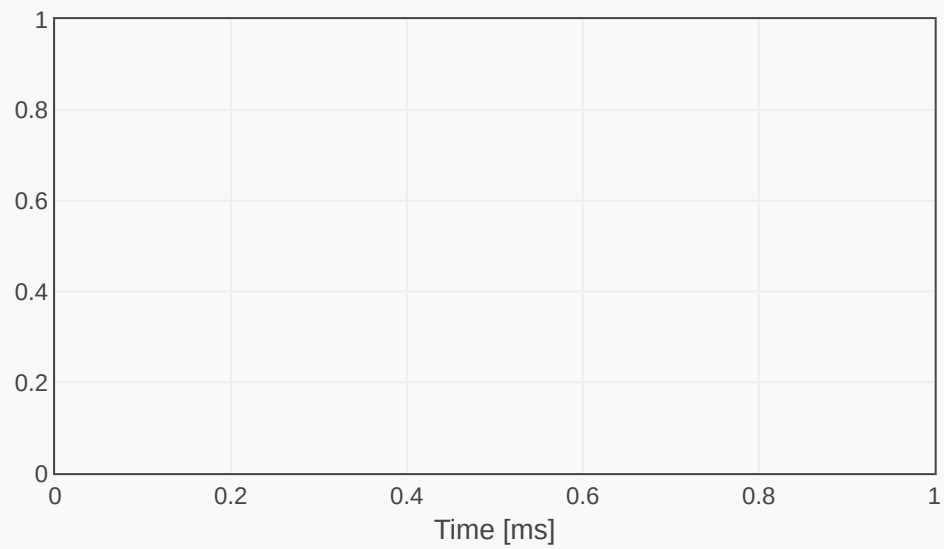
Chest Lateral VC



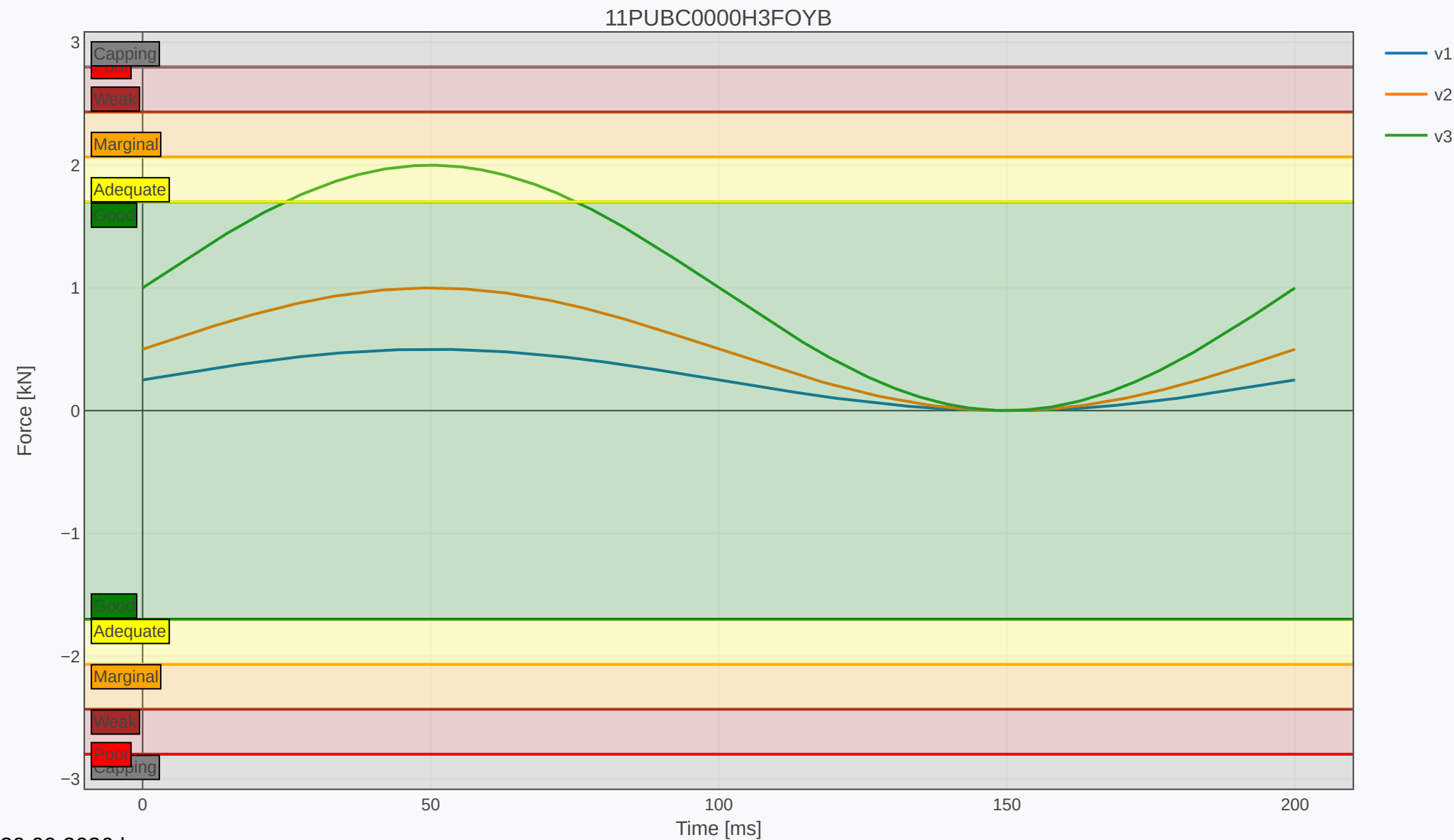
Abdomen Lateral Compression



Abdomen Lateral VC



Pubic Symphysis Force



Unnamed Report

Euro NCAP | Barrier Side Impact (AE-MDB) at 60 km/h
v1 | v2 | v3

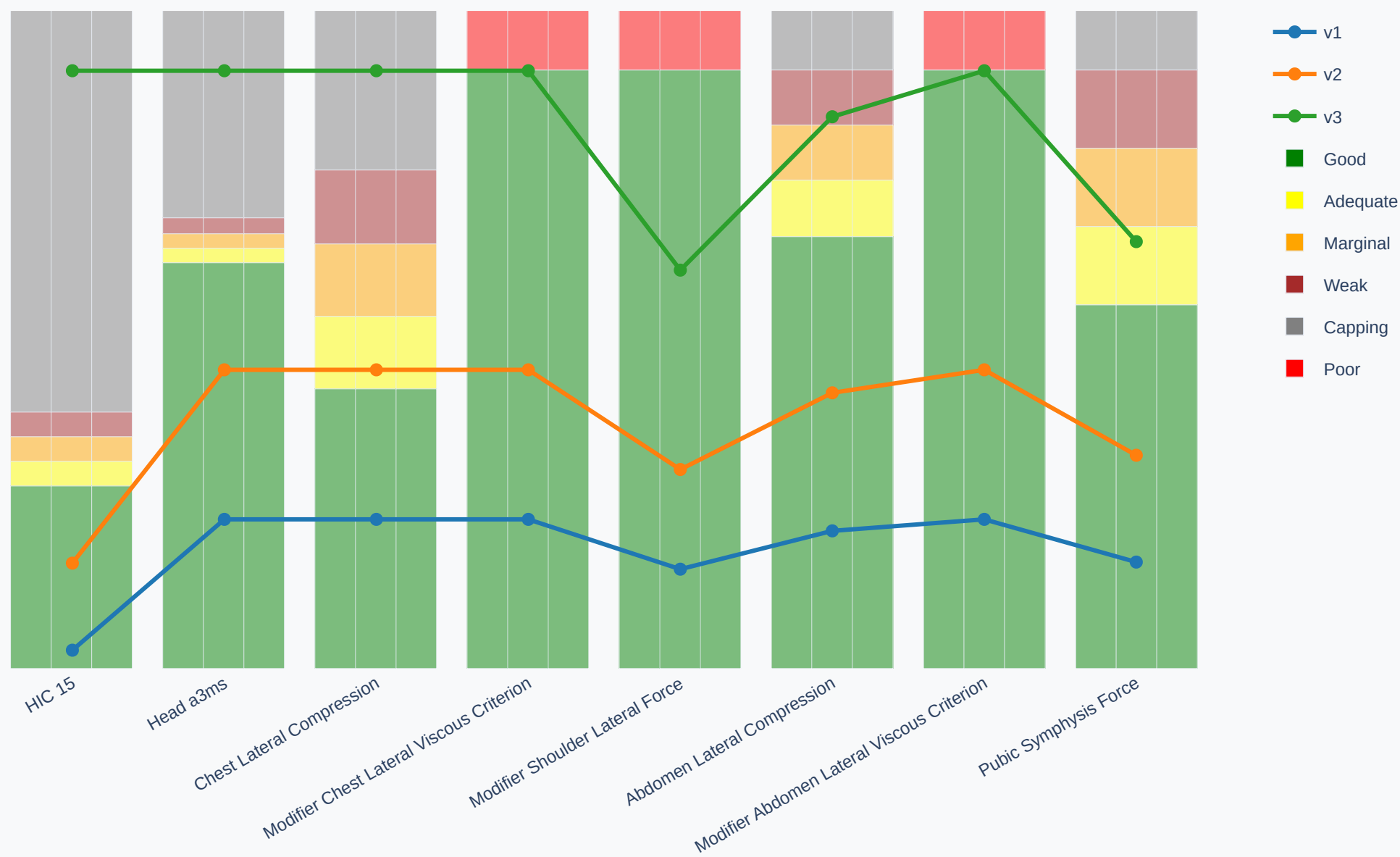
Report Status

	v1	v2	v3
Overall	OK	OK	OK
Head	OK	OK	OK
HIC 15	OK	OK	OK
Head a3ms	OK	OK	OK
Chest	OK	OK	OK
Chest Lateral Compression	OK	OK	OK
Modifier Chest Lateral Viscous Criterion	OK	OK	OK
Modifier Shoulder Lateral Force	OK	OK	OK
Abdomen	OK	OK	OK
Abdomen Lateral Compression	OK	OK	OK
Modifier Abdomen Lateral Viscous Criterion	OK	OK	OK
Pelvis	OK	OK	OK
Pubic Symphysis Force	OK	OK	OK
Modifier for Incorrect Airbag Deployment	OK	OK	OK
Door Opening During Impact	OK	OK	OK

Manual Inputs

	Default	Source	v1	v2	v3
p	'1'	test report	'1'	'1'	'1'
number_of_body_regions_with_incorrect_airbag_deployment	0	test report	0	0	0
number_of_door_openings_during_impact	0	test report	0	0	0

Values



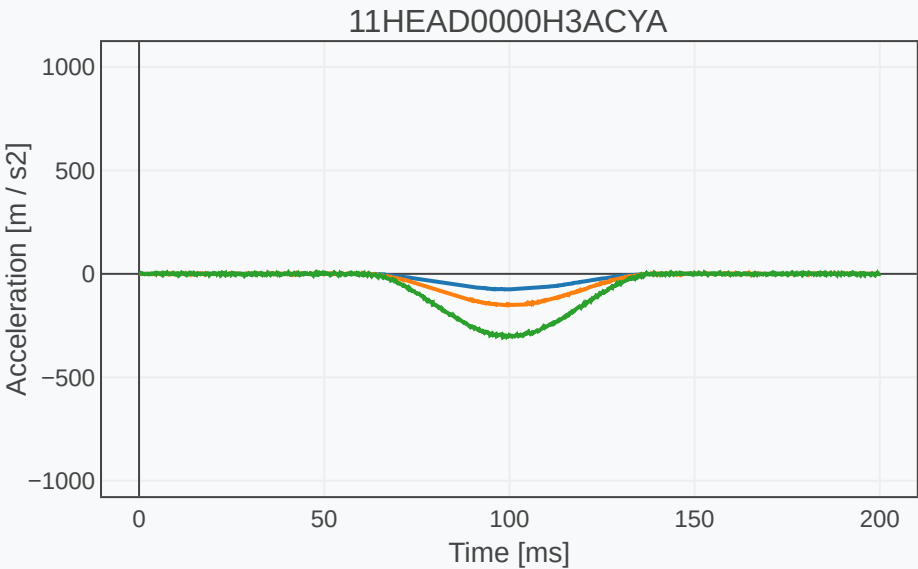
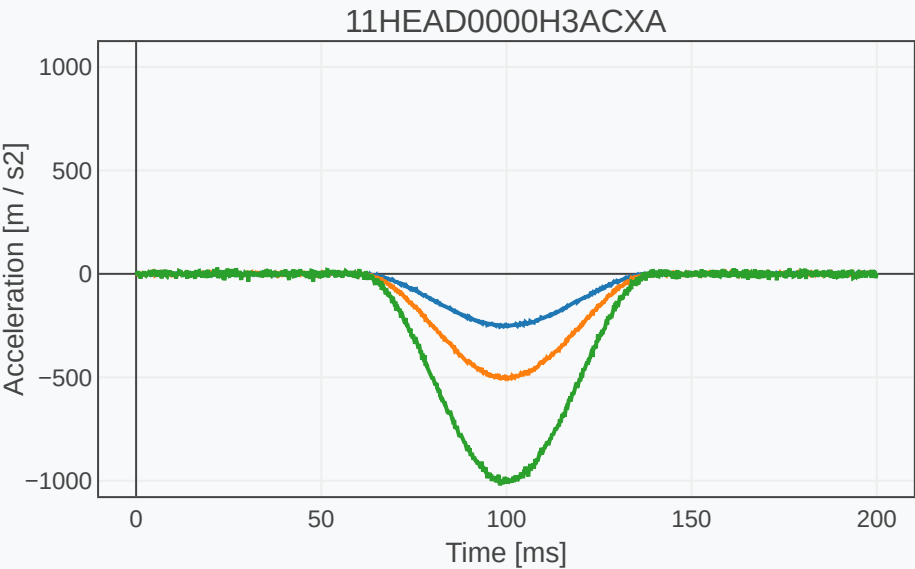
Rating

	v1	v2	v3
Head	4.0	4.0	-inf
Chest	4.0	3.6	-inf
Abdomen	4.0	4.0	1.1
Pelvis	4.0	4.0	2.9
Overall	16.0	15.6	0.0

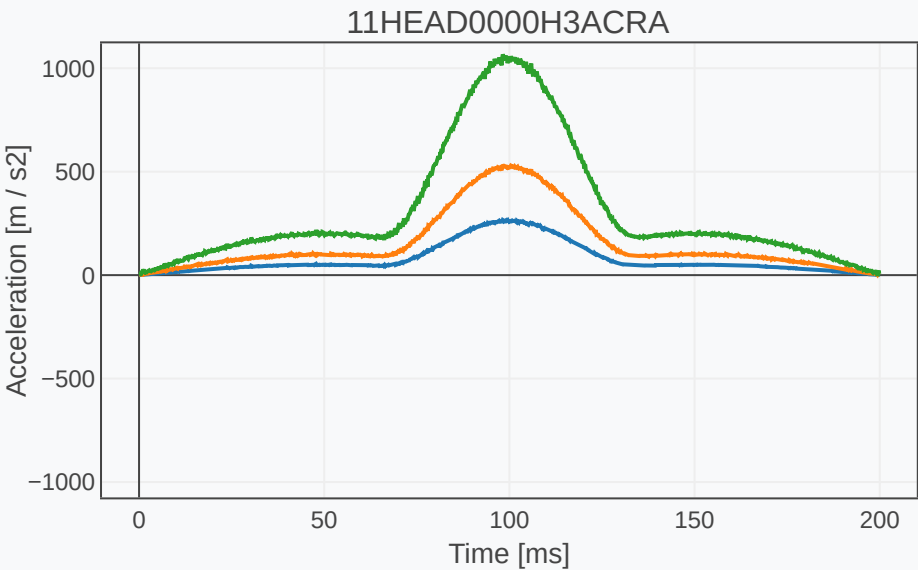
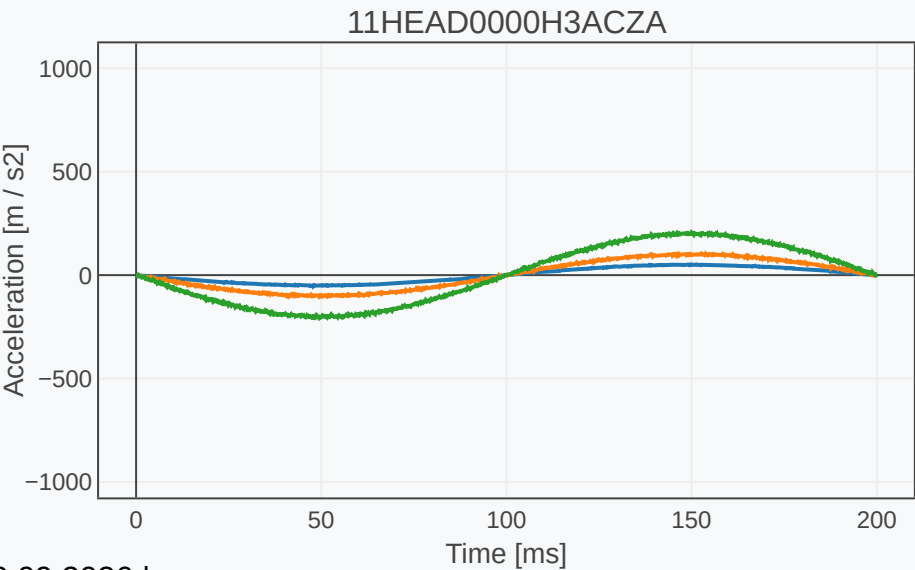
Values

	v1	v2	v3
HIC 15 []	51.02	288.6	1633
Head a3ms [g0]	26.56	53.11	106.2
Chest Lateral Compression [mm]	-15	-30	-60
Modifier Chest Lateral Viscous Criterion [m / s]	0.25	0.5	1
Modifier Shoulder Lateral Force [kN]	0.5	1	2
Abdomen Lateral Compression [mm]	-15	-30	-60
Modifier Abdomen Lateral Viscous Criterion [m / s]	0.25	0.5	1
Pubic Symphysis Force [kN]	0.5	1	2

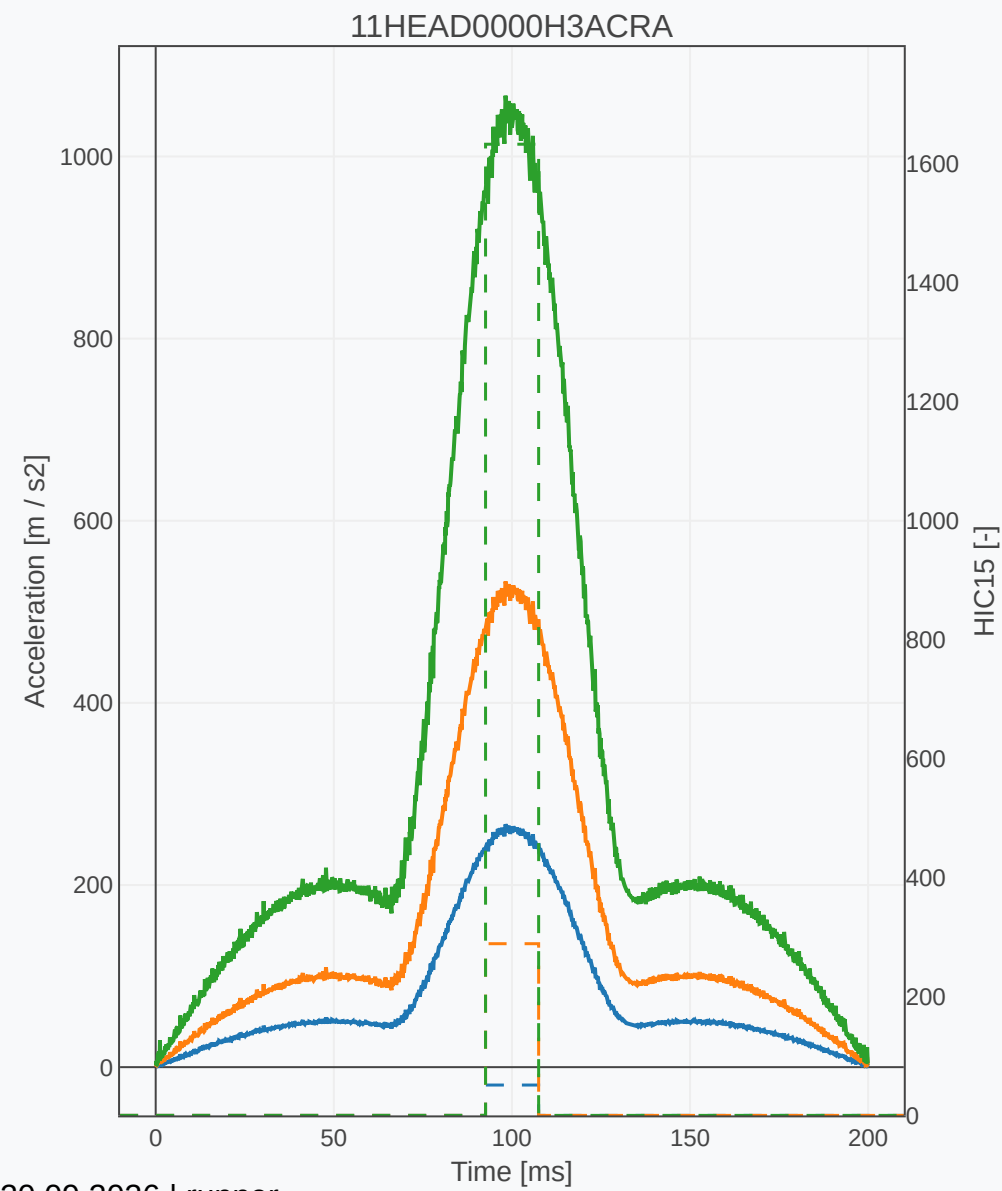
Head Acceleration



v1
v2
v3



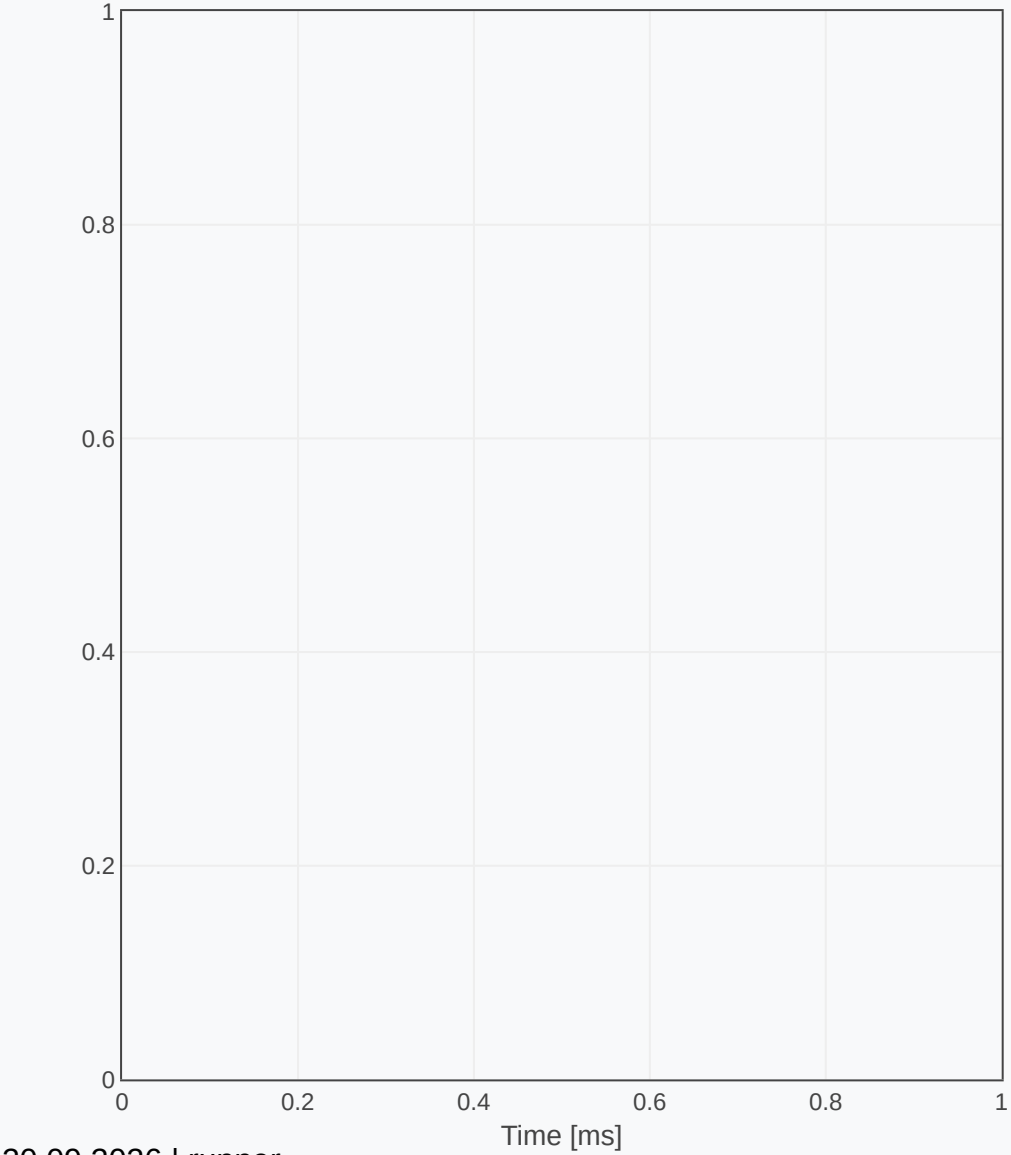
HIC15



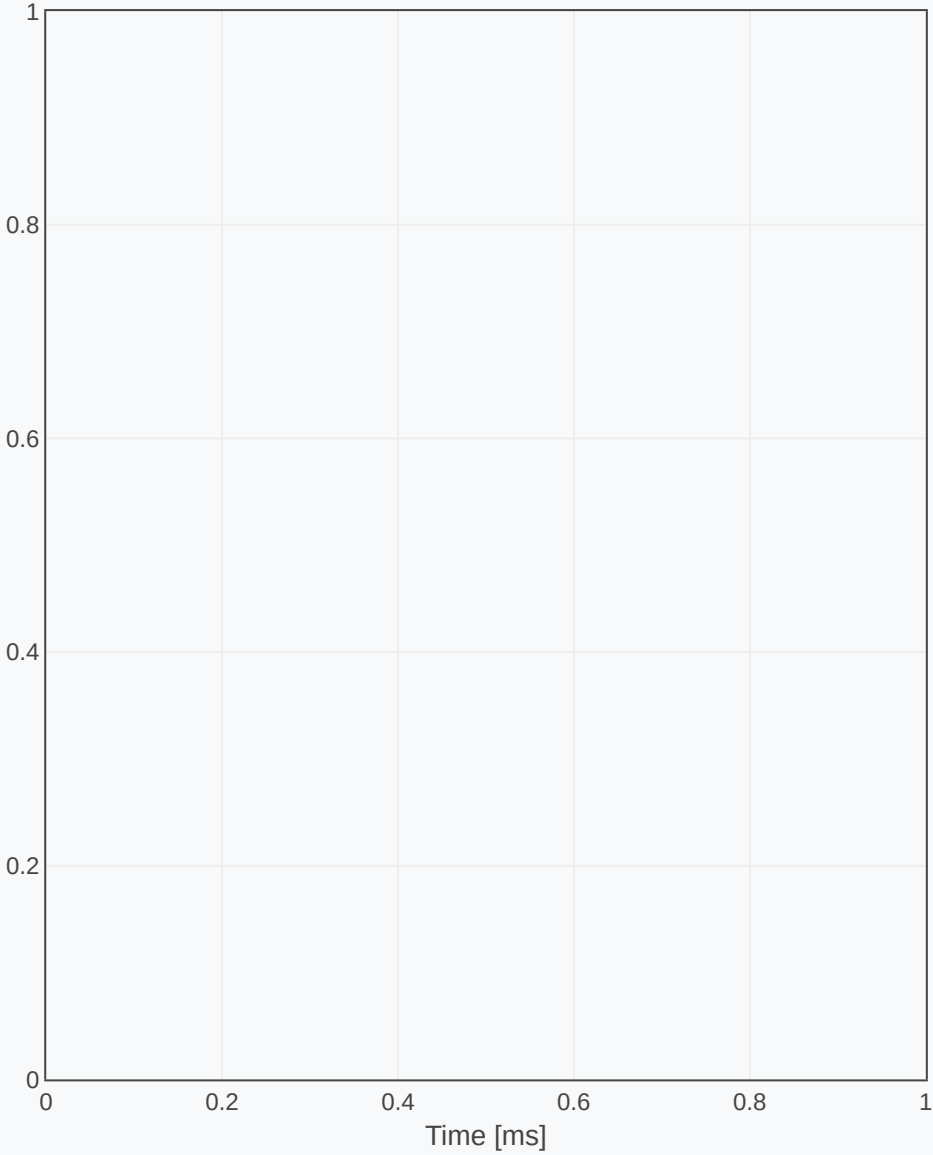
	HIC15	Start [ms]	End [ms]
v1	51.0	92.60	107.50
v2	288.6	92.60	107.50
v3	1632.6	92.60	107.50

- v1
- v2
- v3
- v1 HIC15
- v2 HIC15
- v3 HIC15

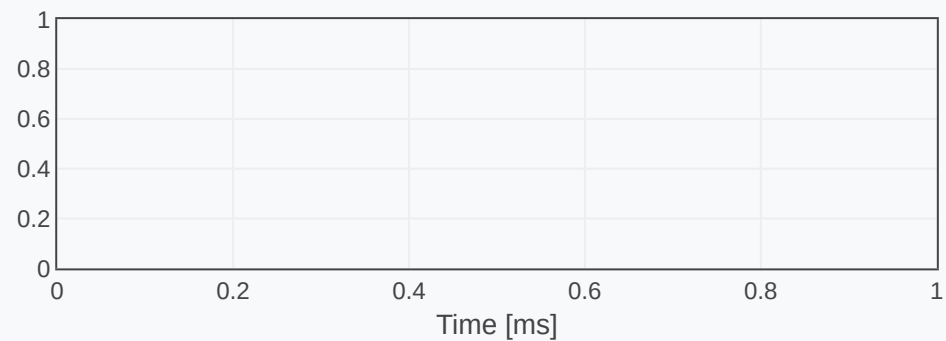
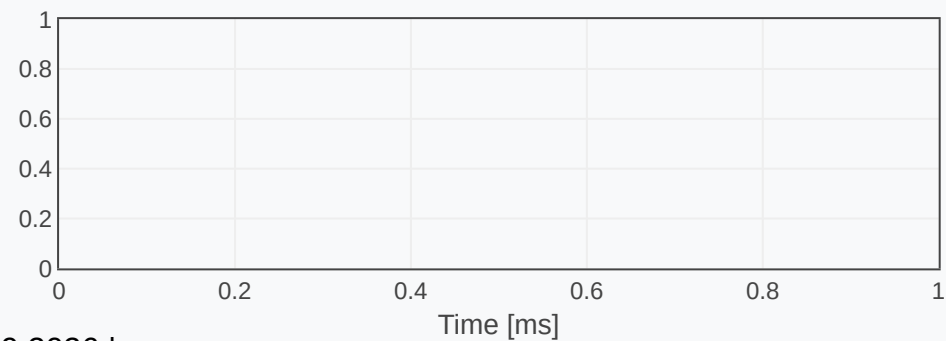
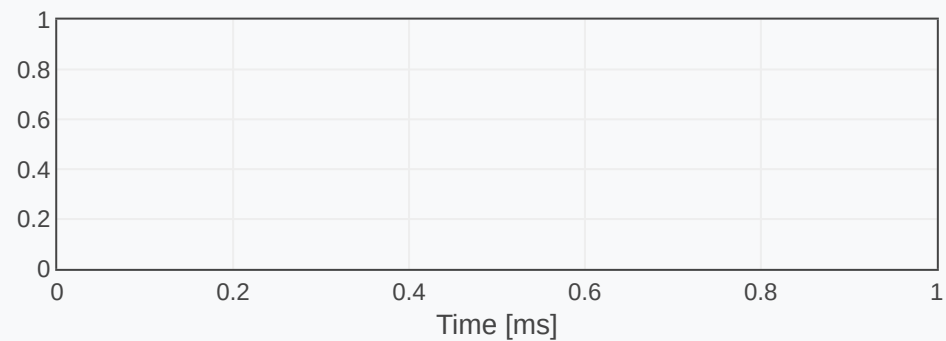
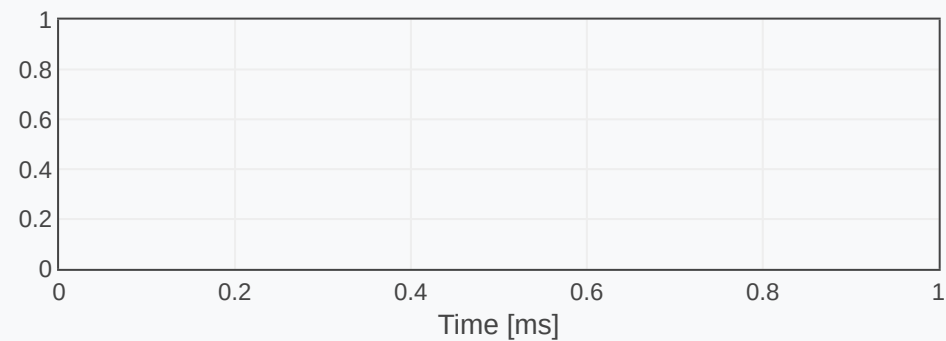
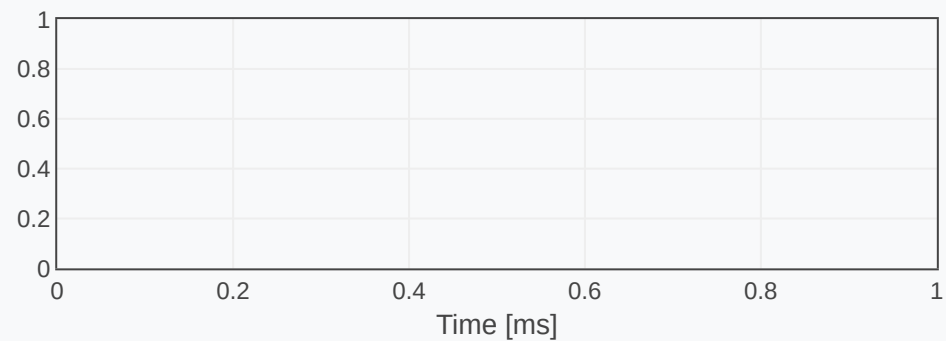
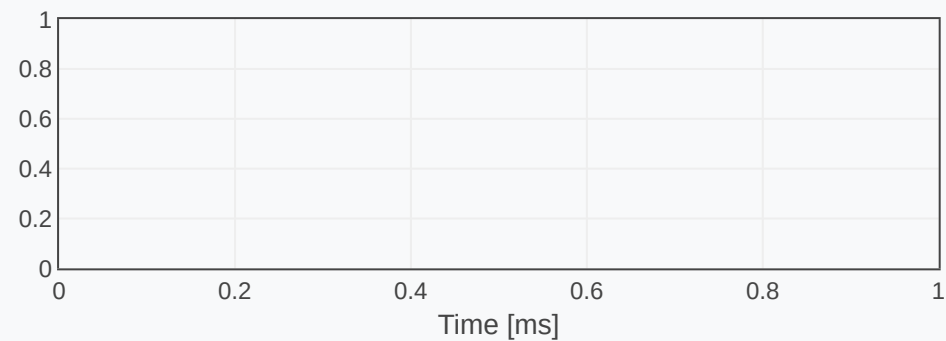
Shoulder Lateral Force



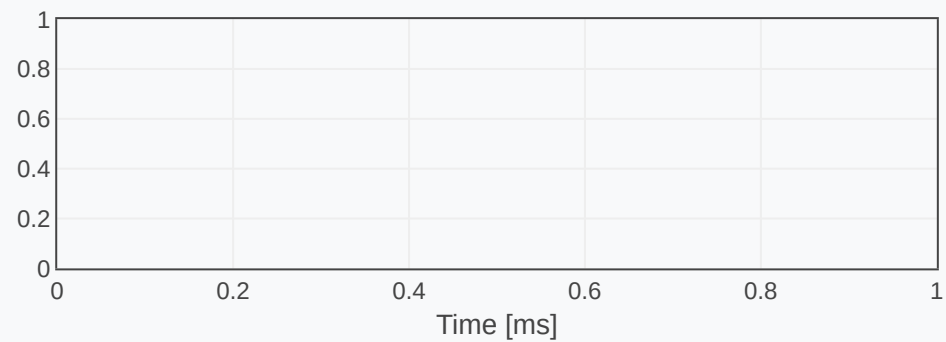
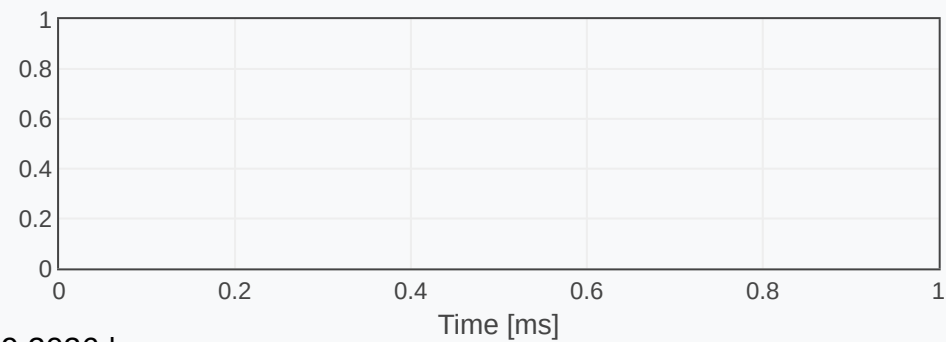
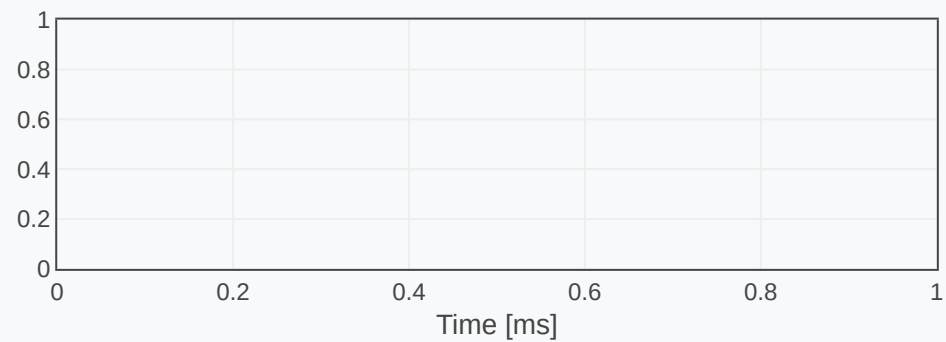
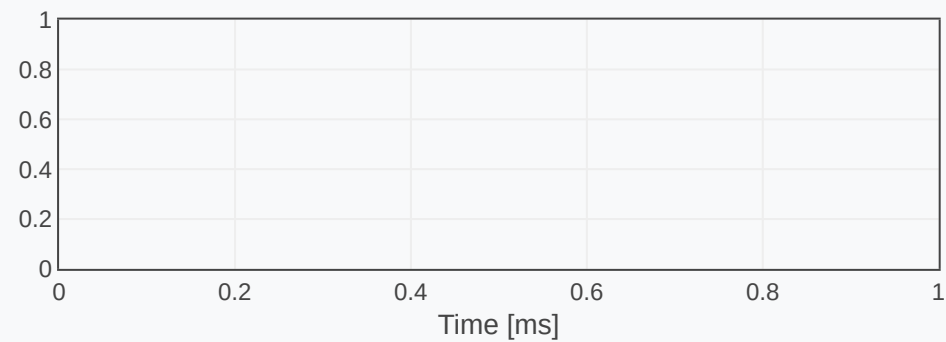
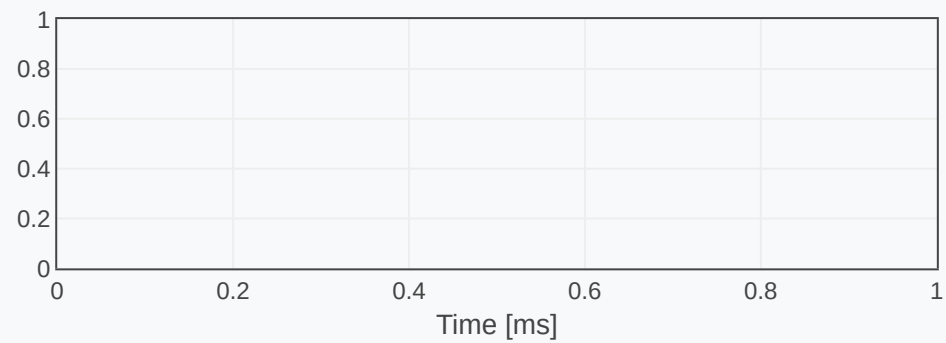
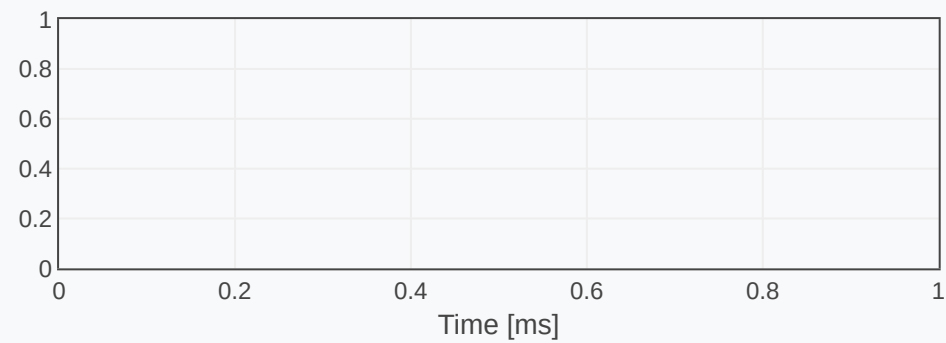
20.09.2026 | runner



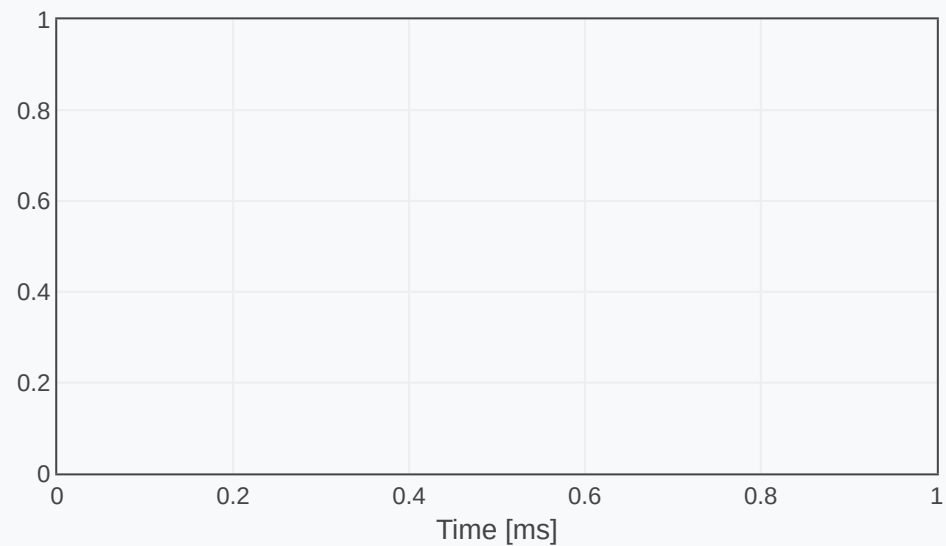
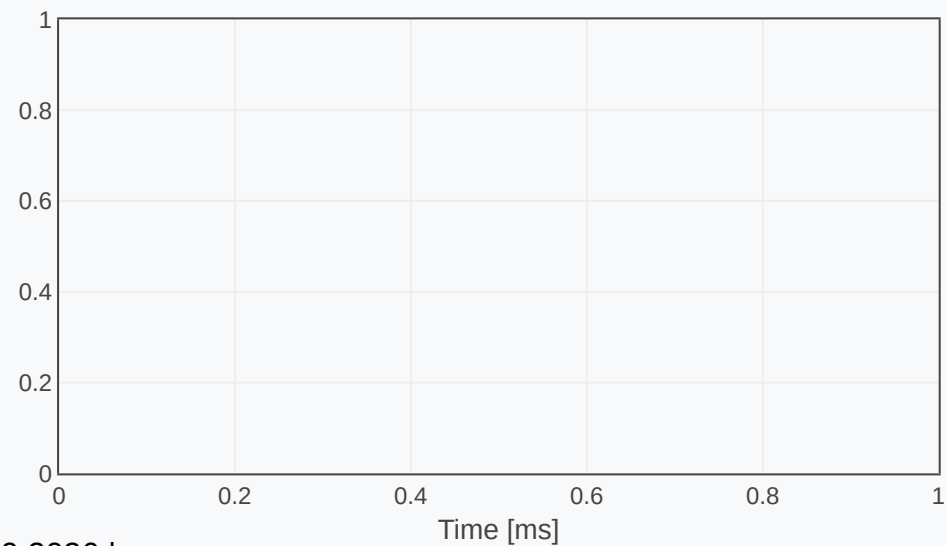
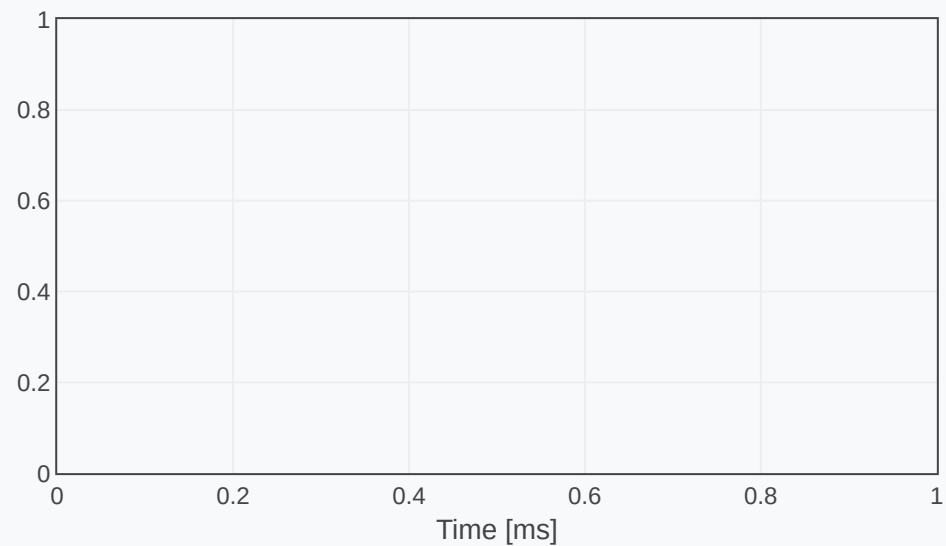
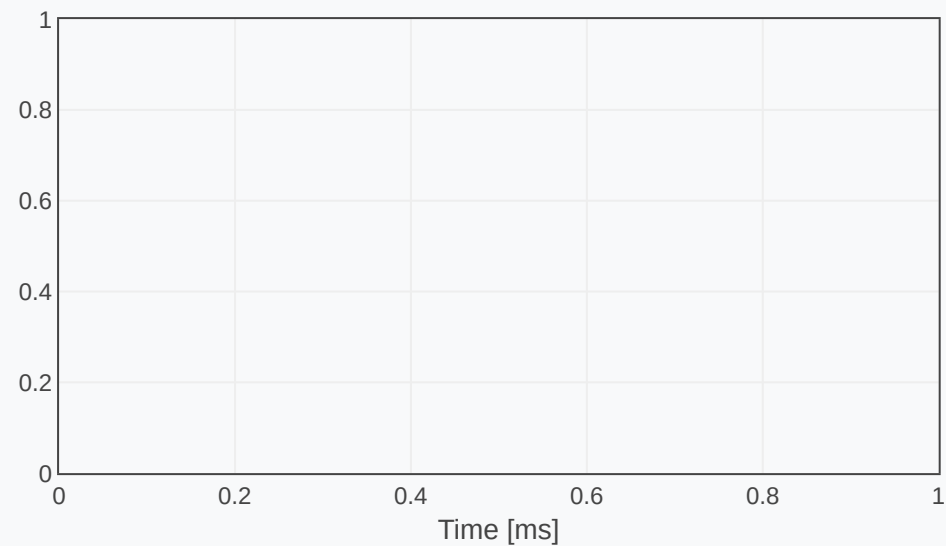
Chest Lateral Compression



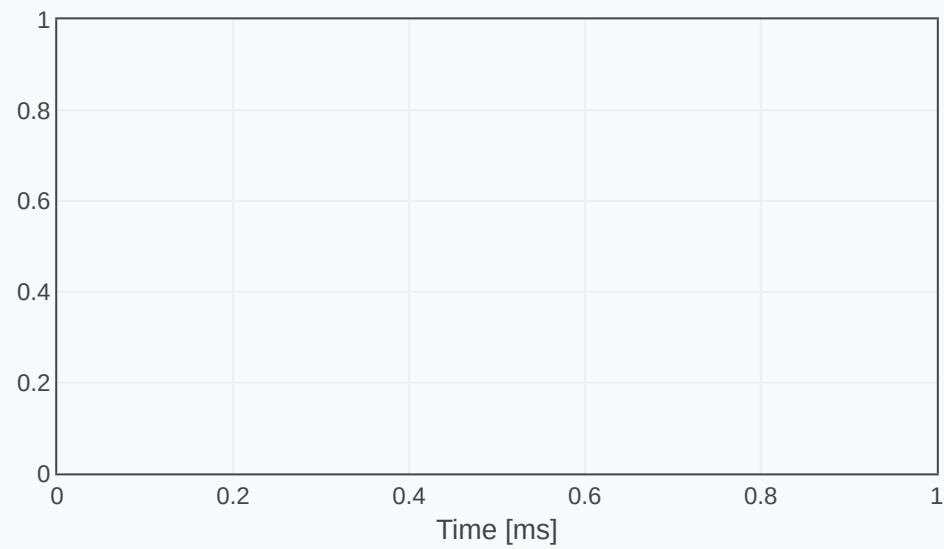
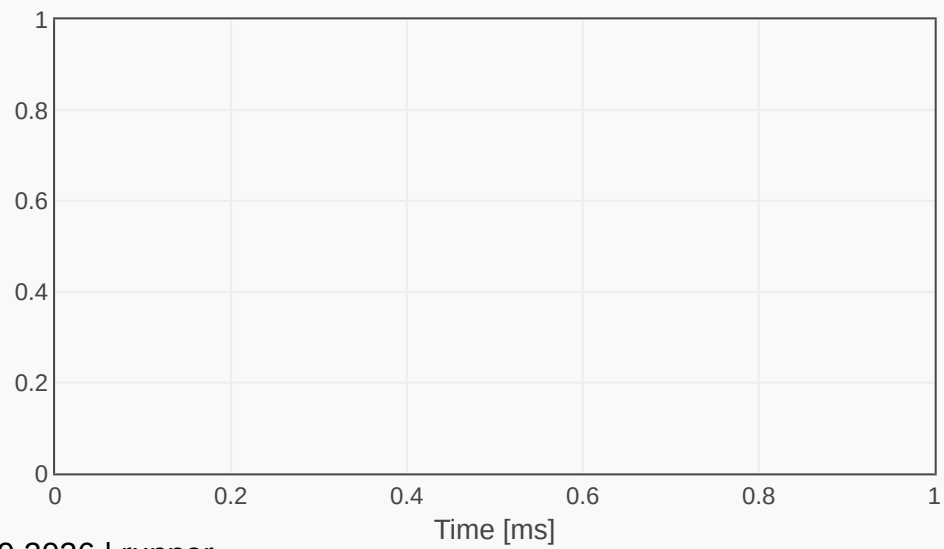
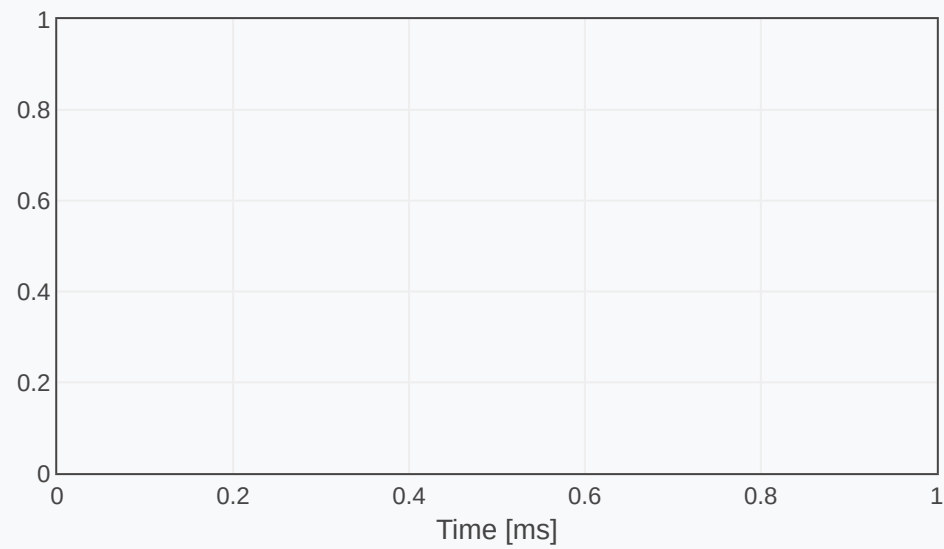
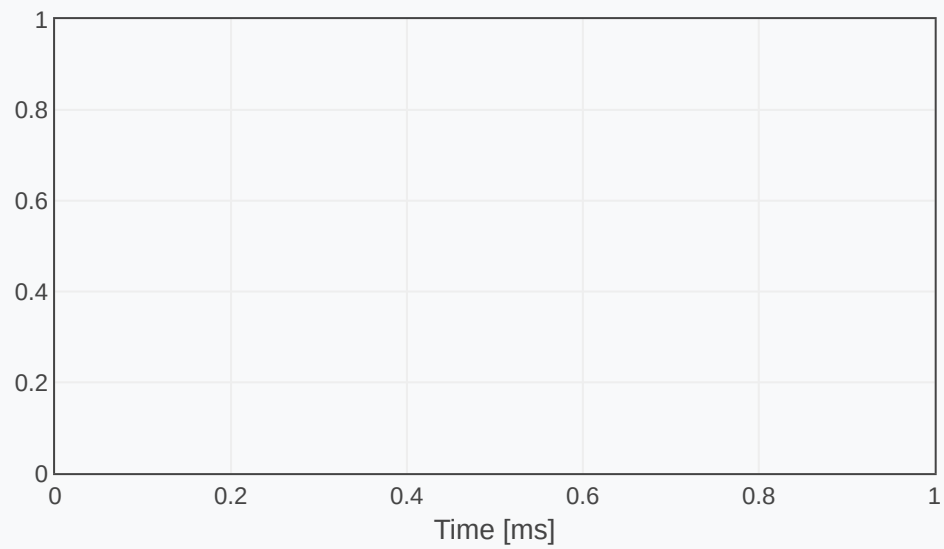
Chest Lateral VC



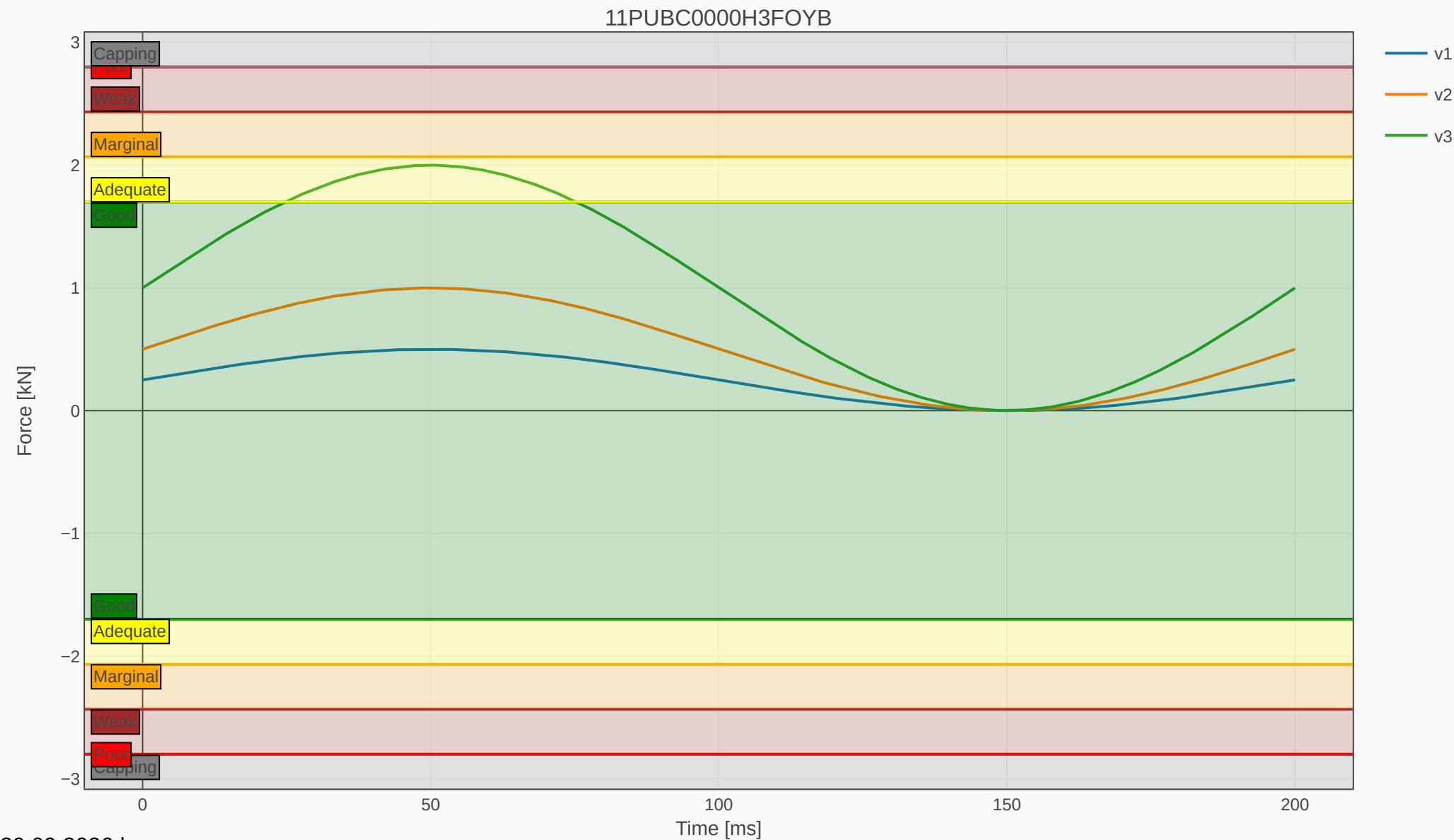
Abdomen Lateral Compression



Abdomen Lateral VC



Pubic Symphysis Force



Unnamed Report

Euro NCAP | Far Side Occupant Protection Sled Test
v1 | v2 | v3

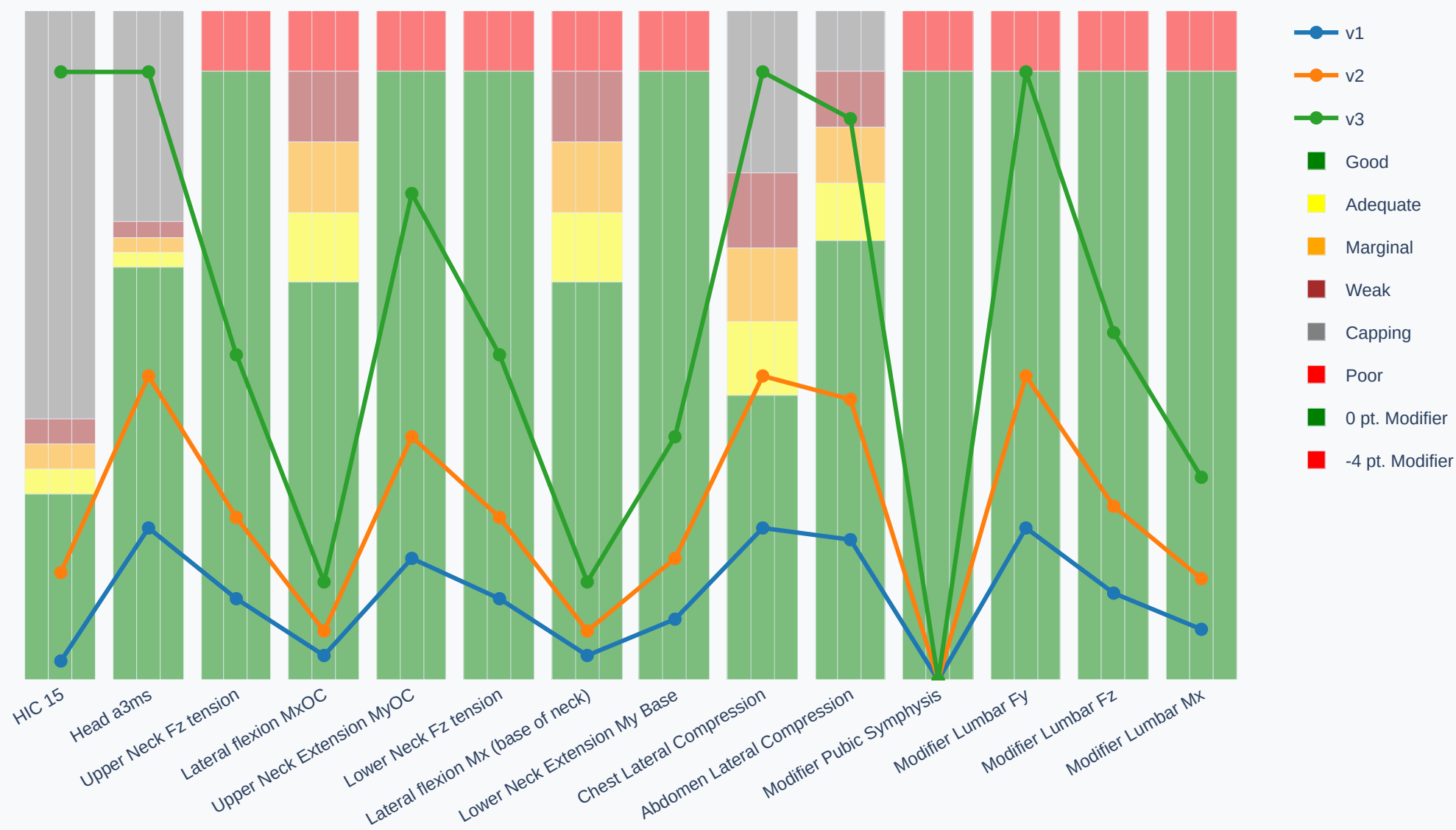
Report Status

	v1	v2	v3
Overall	OK	OK	OK
Head Excursion	OK	OK	OK
Head	OK	OK	OK
HIC 15	OK	OK	OK
Head a3ms	OK	OK	OK
Head DAMAGE (monitoring)	OK	OK	OK
Neck	OK	OK	OK
Upper_Neck	OK	OK	OK
Upper Neck Fz tension	OK	OK	OK
Lateral flexion MxOC	OK	OK	OK
Upper Neck Extension MyOC	OK	OK	OK
Lower_Neck	OK	OK	OK
Lower Neck Fz tension	OK	OK	OK
Lateral flexion Mx (base of neck)	OK	OK	OK
Lower Neck Extension My Base	OK	OK	OK
Chest & Abdomen	OK	OK	OK
Chest Lateral Compression	OK	OK	OK
Abdomen Lateral Compression	OK	OK	OK
Pelvis and Lumbar Modifier	OK	OK	OK

Manual Inputs

	Default	Source	v1	v2	v3
p	'1'	test report	'1'	'1'	'1'
excursion_zone	'green'	high-speed video	'green'	'green'	'green'
far_side_countermeasure	False	test report	False	False	False
red_line_more_than_125_mm_outboard	False	test set-up measurement	False	False	False
hard_contact	True	high-speed video	True	True	True (user)
countermeasure_asymmetric	False	dual-occupancy assessment	False	False	False
dual_occupancy_head_interaction	False	dual-occupancy high-speed video	False	False	False
excursion_countermeasure_lacks_interaction_protection	False	dual-occupancy assessment	False	False	False
protection_zone_not_met	False	dual-occupancy assessment	False	False	False

Values



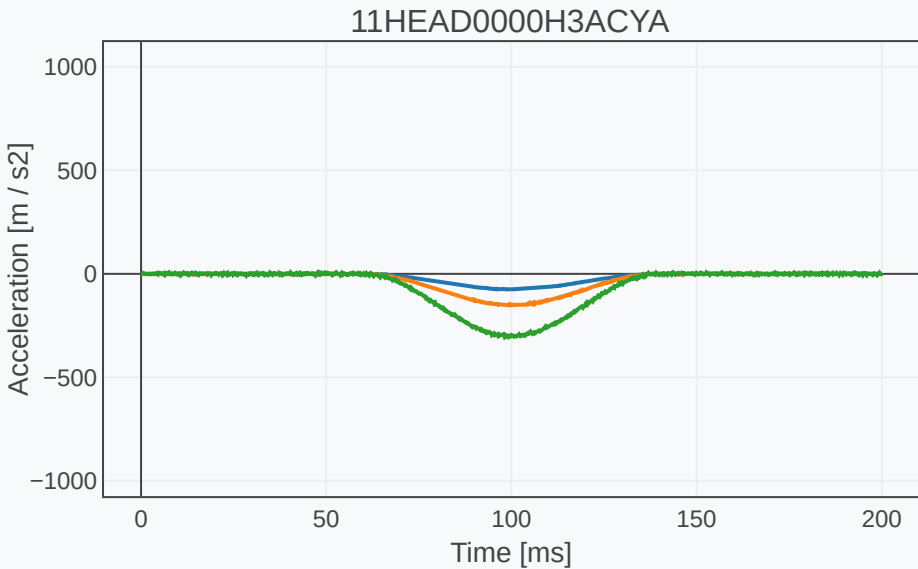
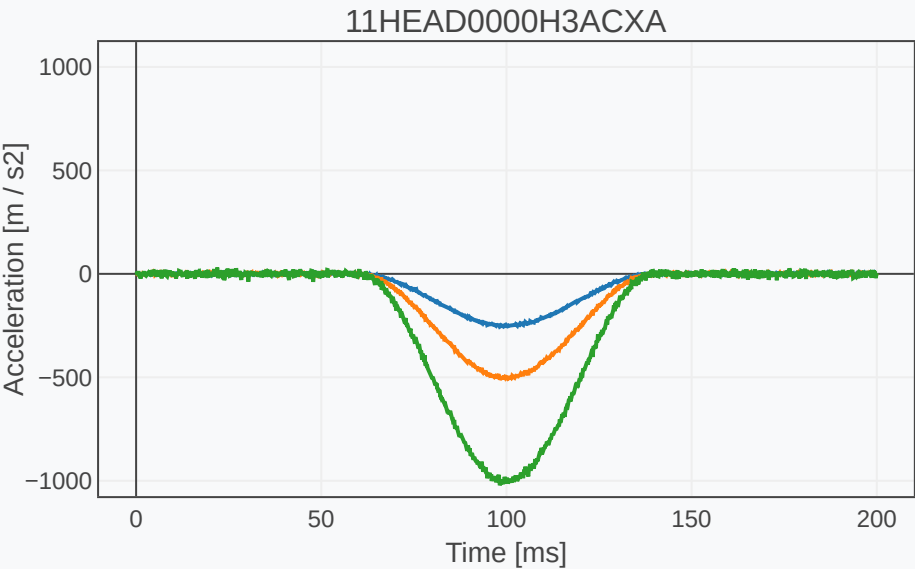
Rating

	v1	v2	v3
Head	4.0	4.0	-inf
Neck	4.0	4.0	4.0
Chest & Abdomen	4.0	3.6	-inf
Pelvis and Lumbar Modifier	0.0	0.0	-4.0
Overall	4.0	3.9	0.0

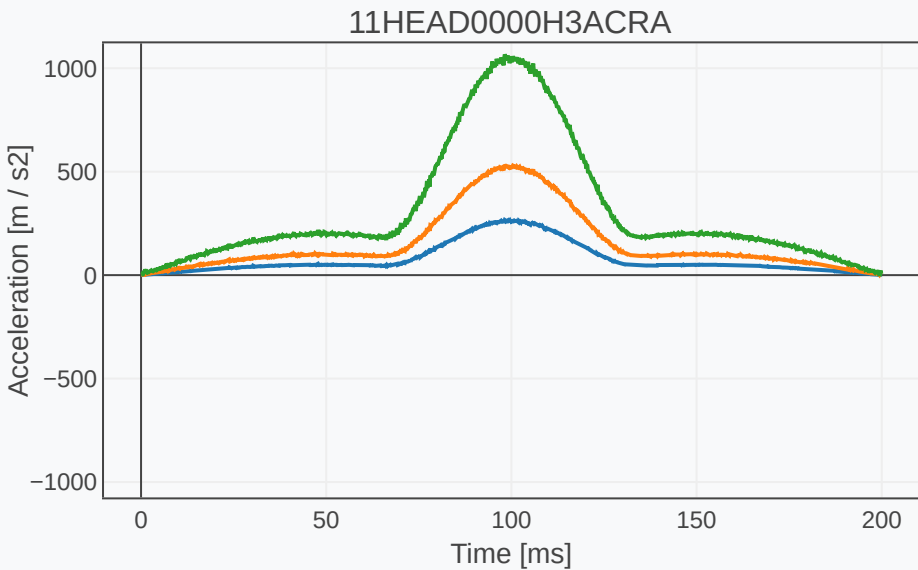
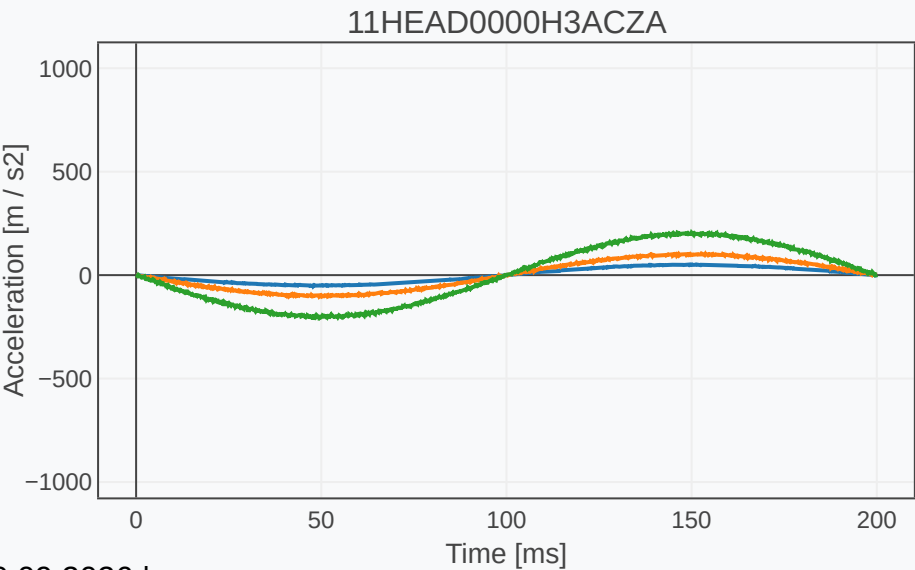
Values

	v1	v2	v3
HIC 15 []	51.02	288.6	1633
Head a3ms [g0]	26.56	53.11	106.2
Upper Neck Fz tension [kN]	0.5	1	2
Lateral flexion MxOC [N m]	10	20	40
Upper Neck Extension MyOC [N m]	-10	-20	-40
Lower Neck Fz tension [kN]	0.5	1	2
Lateral flexion Mx (base of neck) [N m]	10	20	40
Lower Neck Extension My Base [N m]	-10	-20	-40
Chest Lateral Compression [mm]	-15	-30	-60
Abdomen Lateral Compression [mm]	-15	-30	-60
Modifier Pubic Symphysis [kN]	0	0	0
Modifier Lumbar Fy [kN]	-0.5	-1	2
Modifier Lumbar Fz [kN]	-0.5	-1	-2
Modifier Lumbar Mx [N m]	-10	-20	-40

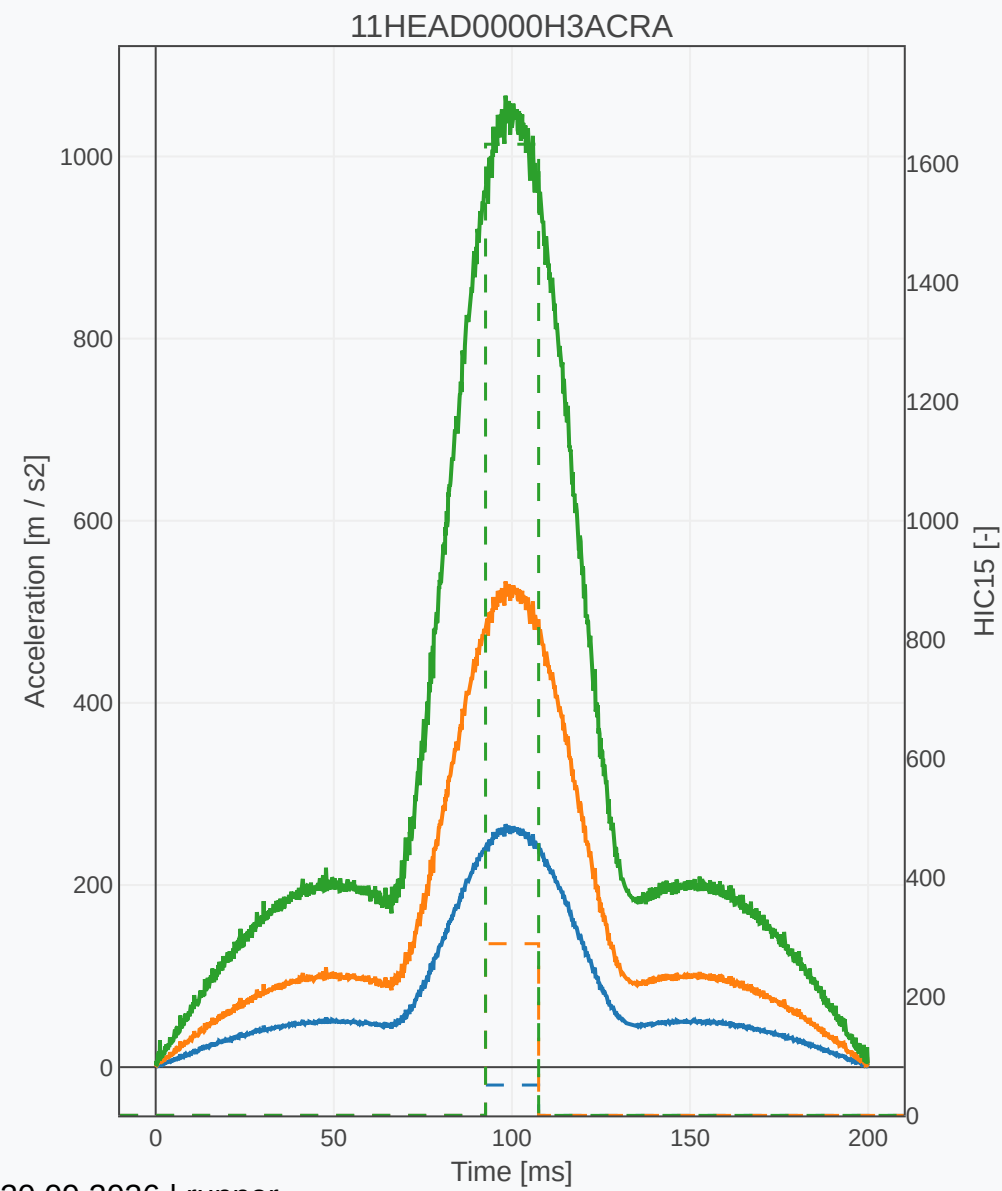
Head Acceleration



v1
v2
v3



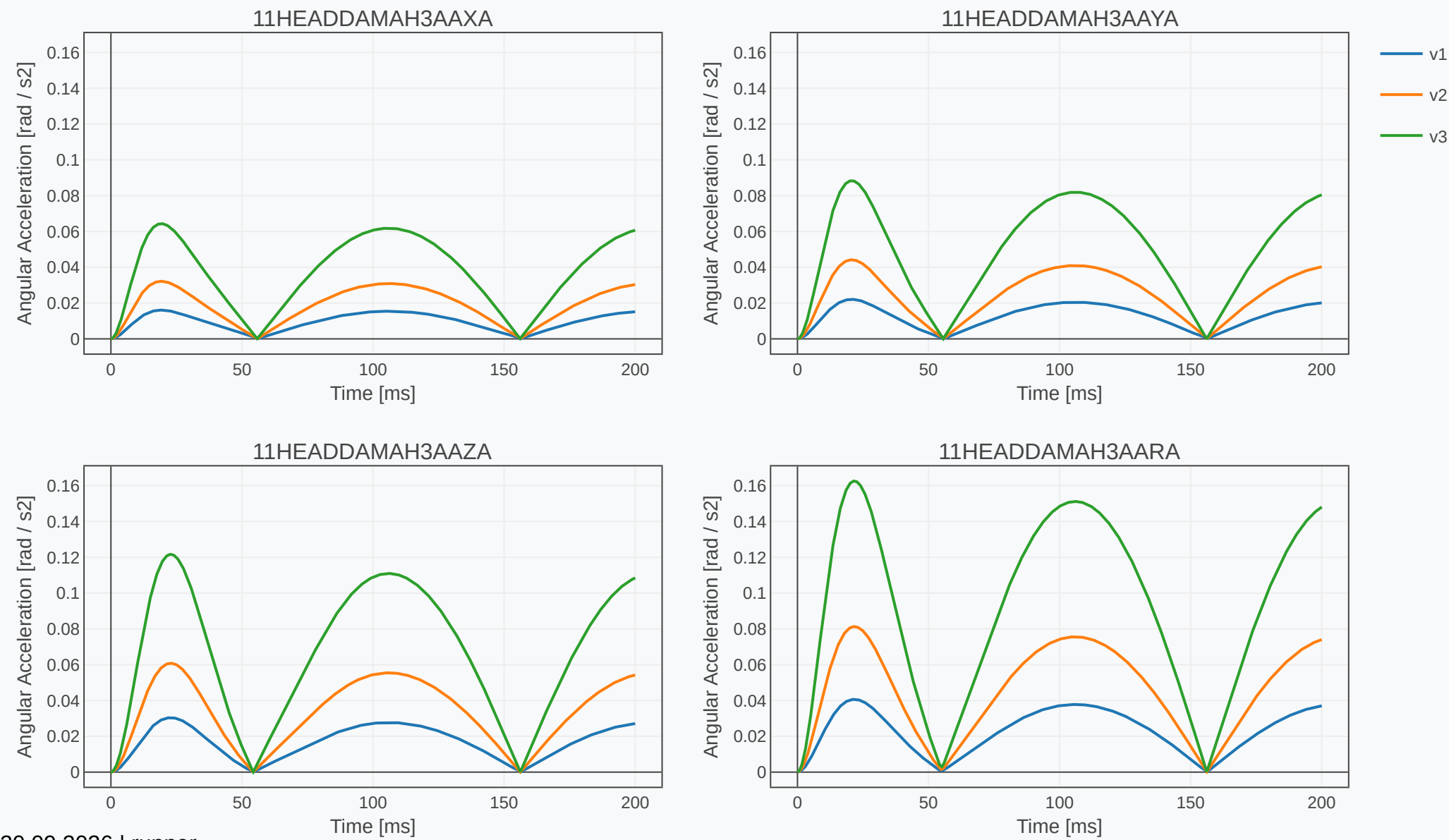
HIC15



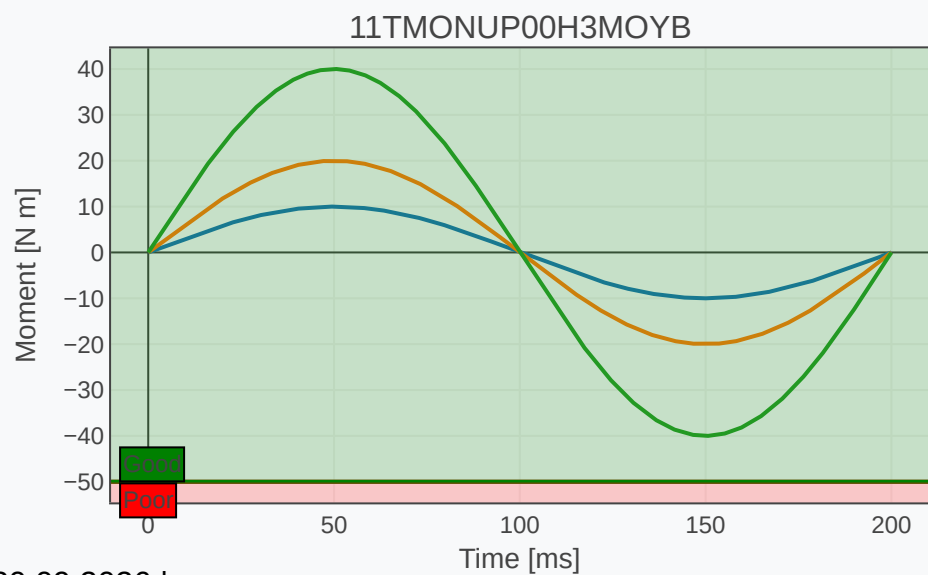
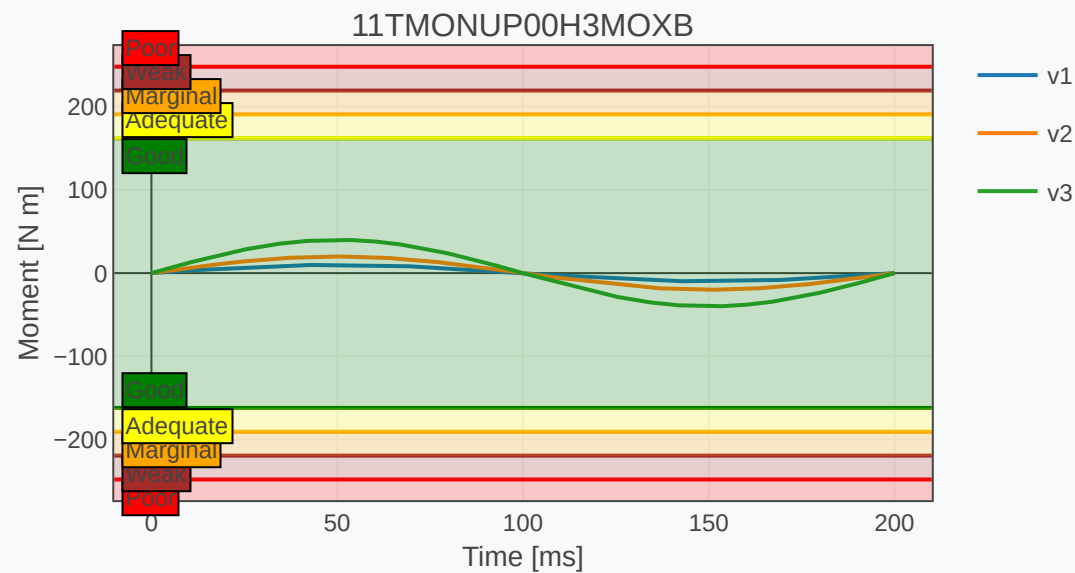
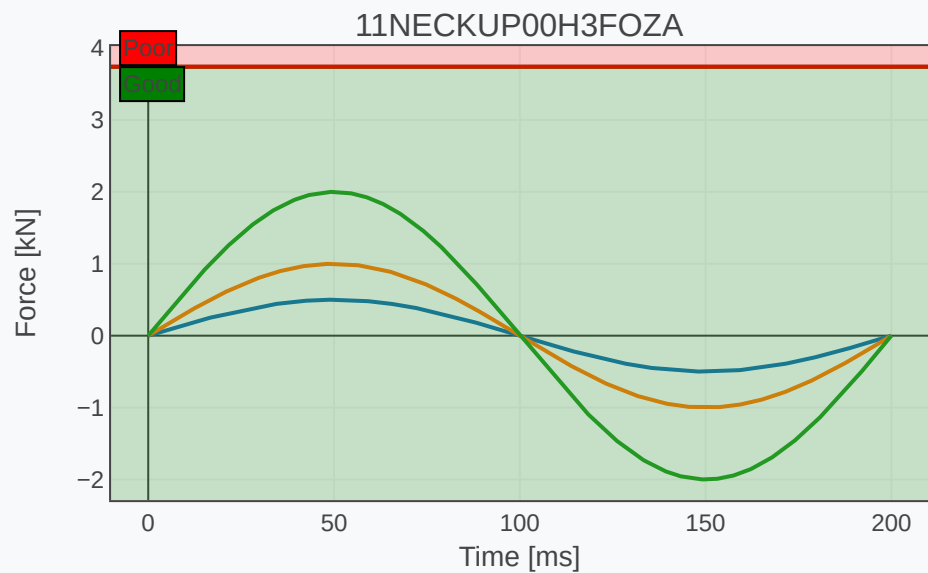
	HIC15	Start [ms]	End [ms]
v1	51.0	92.60	107.50
v2	288.6	92.60	107.50
v3	1632.6	92.60	107.50

- v1
- v2
- v3
- v1 HIC15
- v2 HIC15
- v3 HIC15

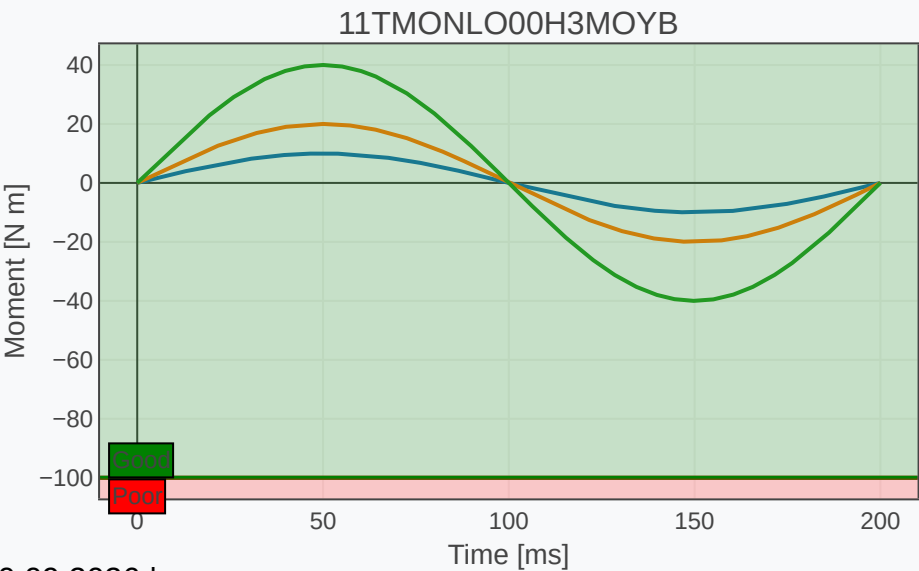
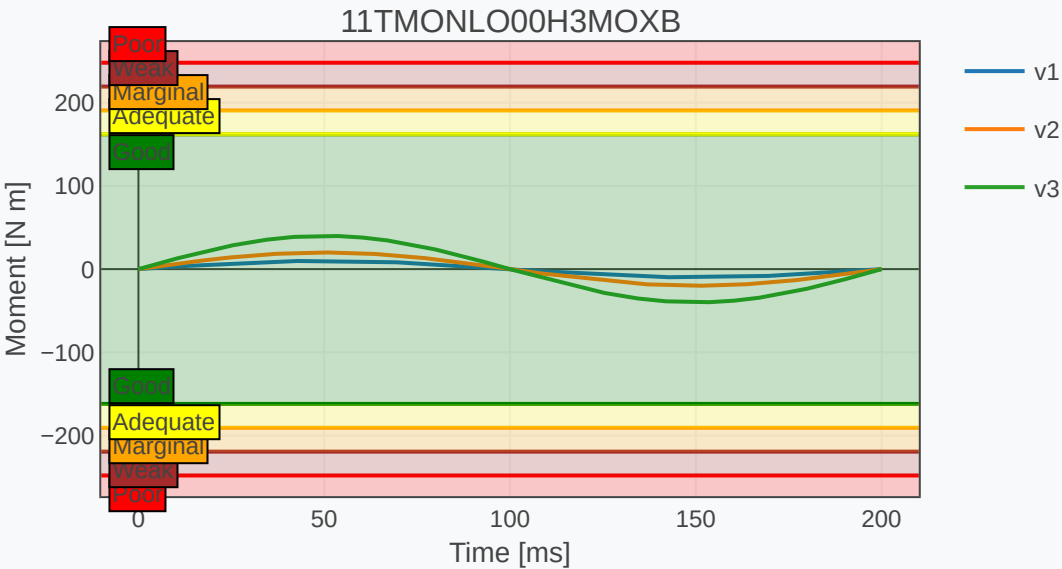
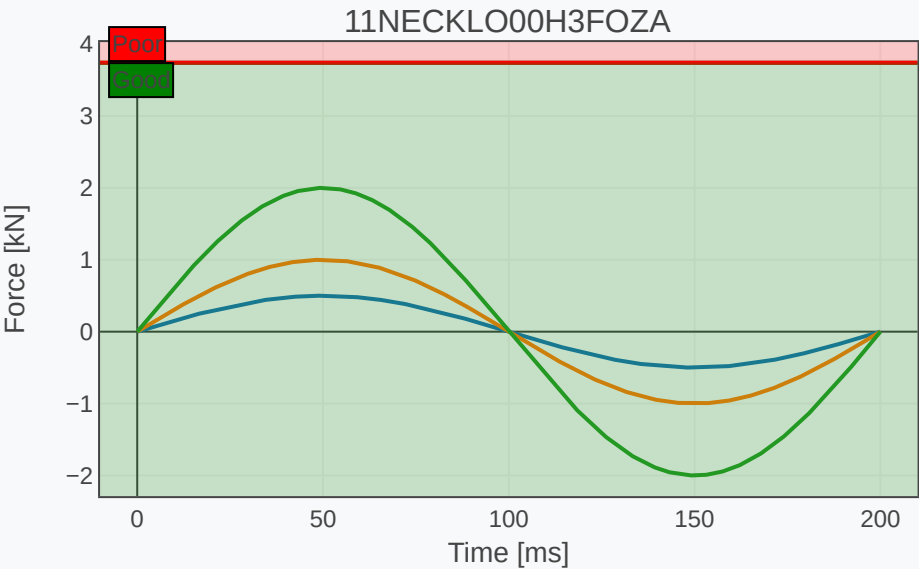
Head DAMAGE



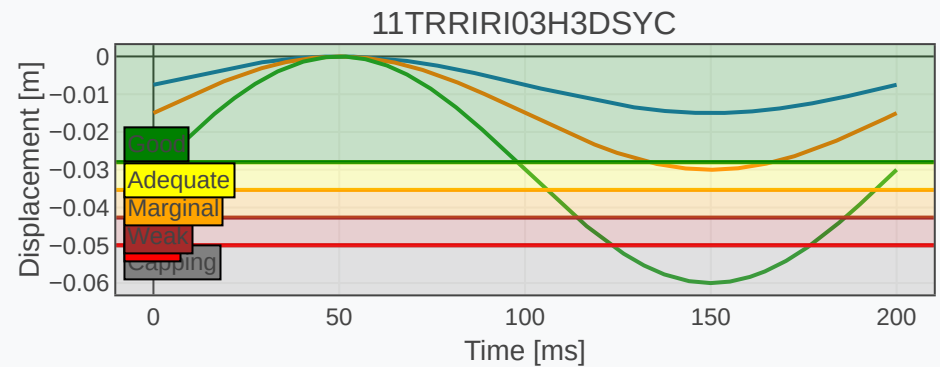
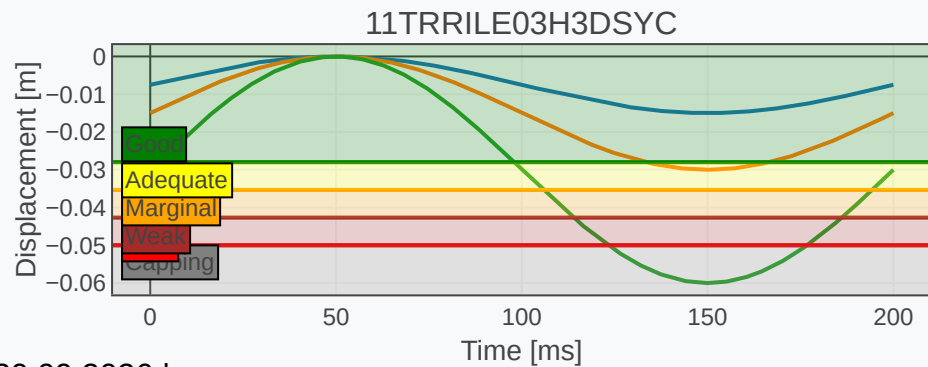
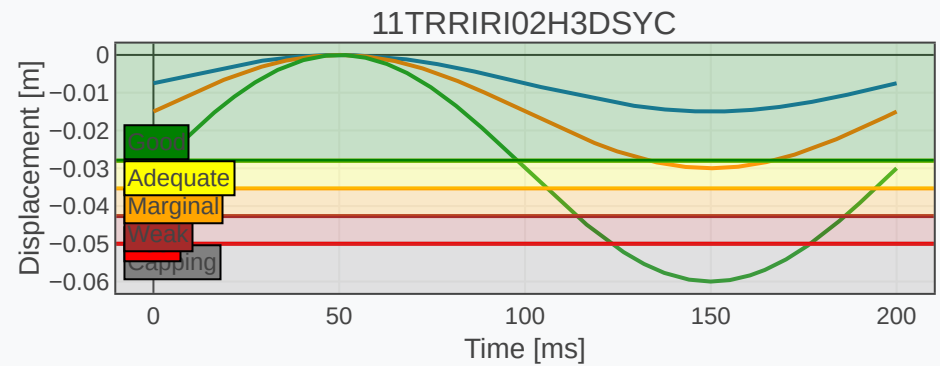
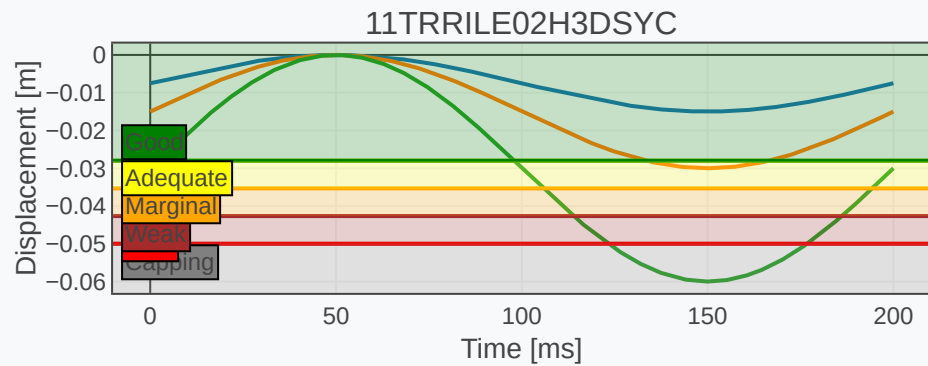
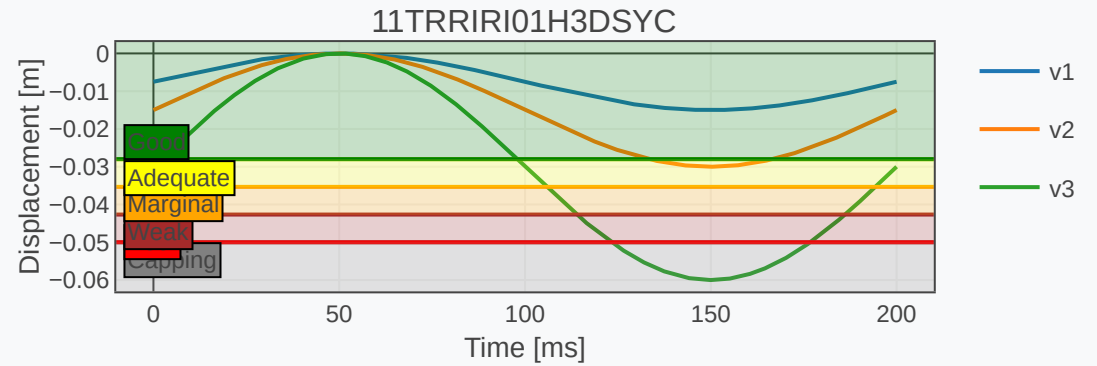
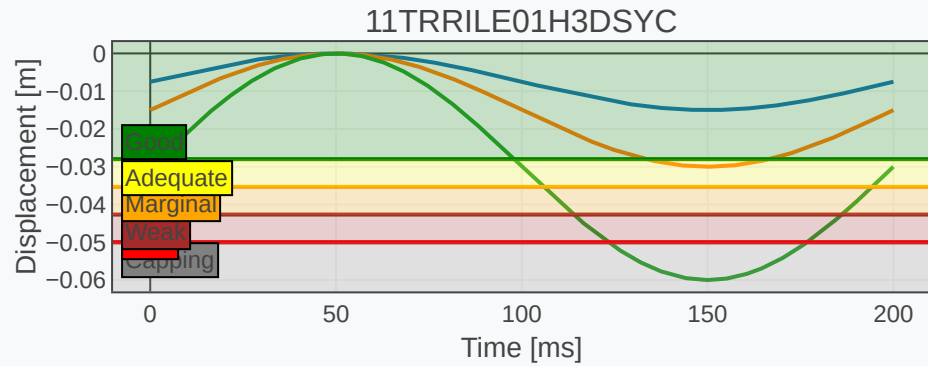
Upper Neck



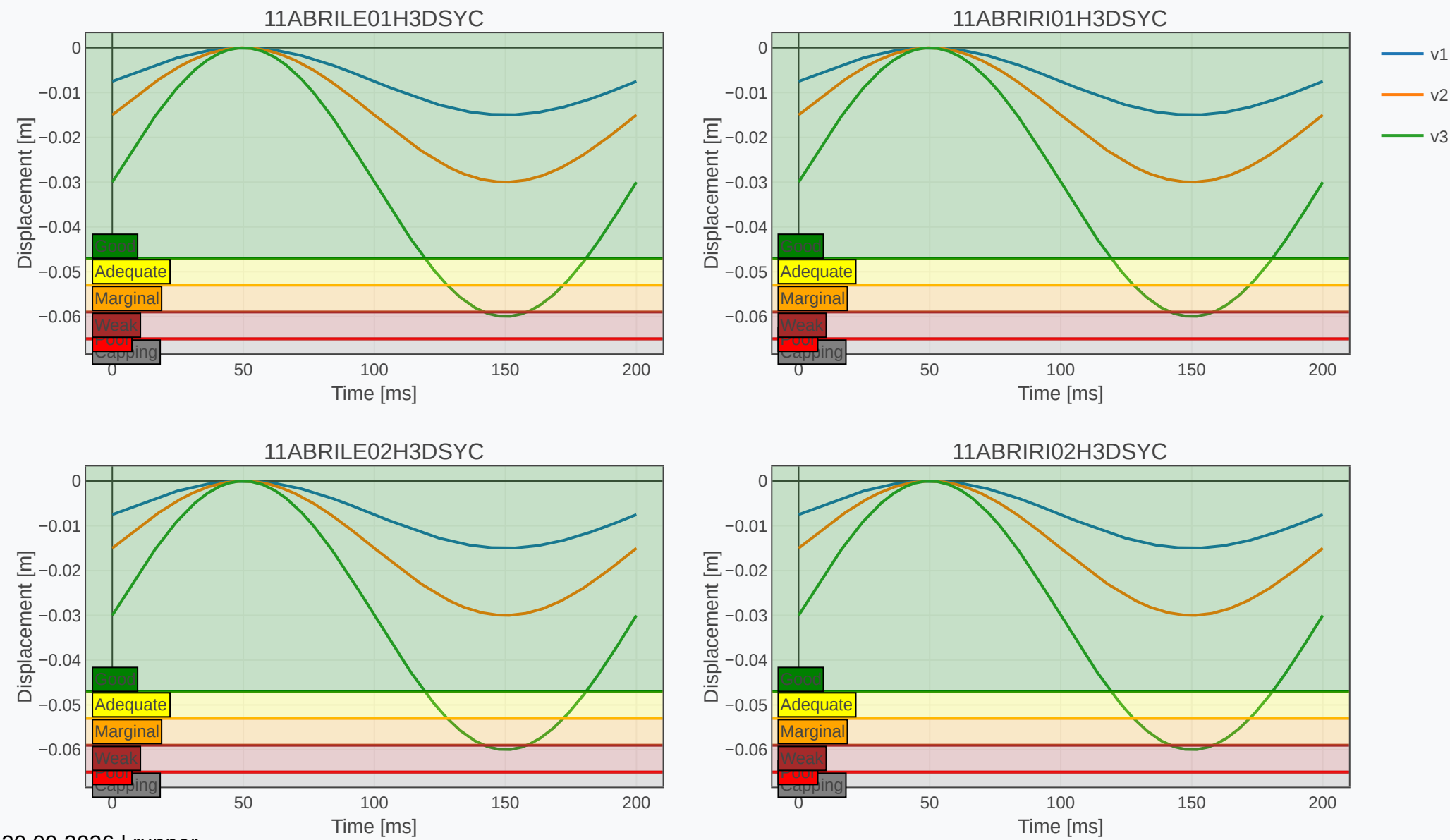
Lower Neck



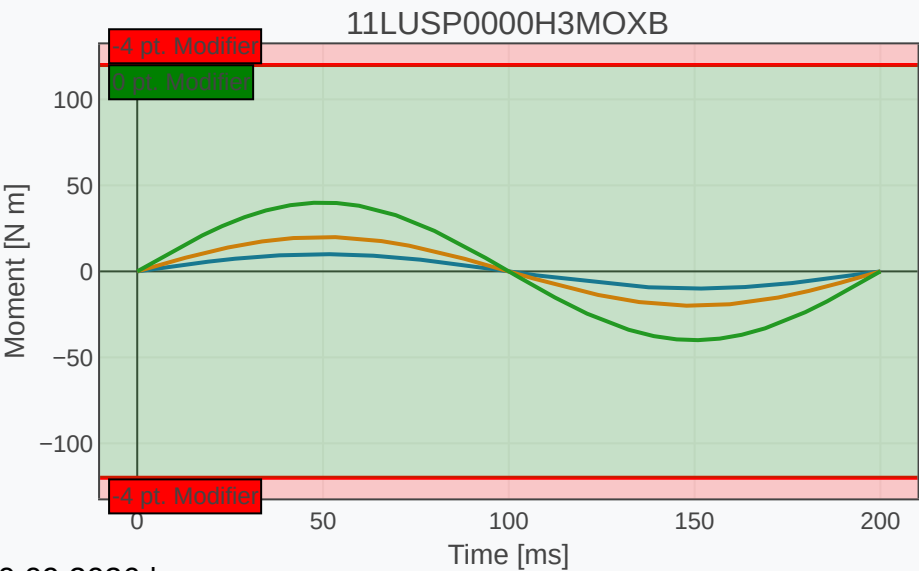
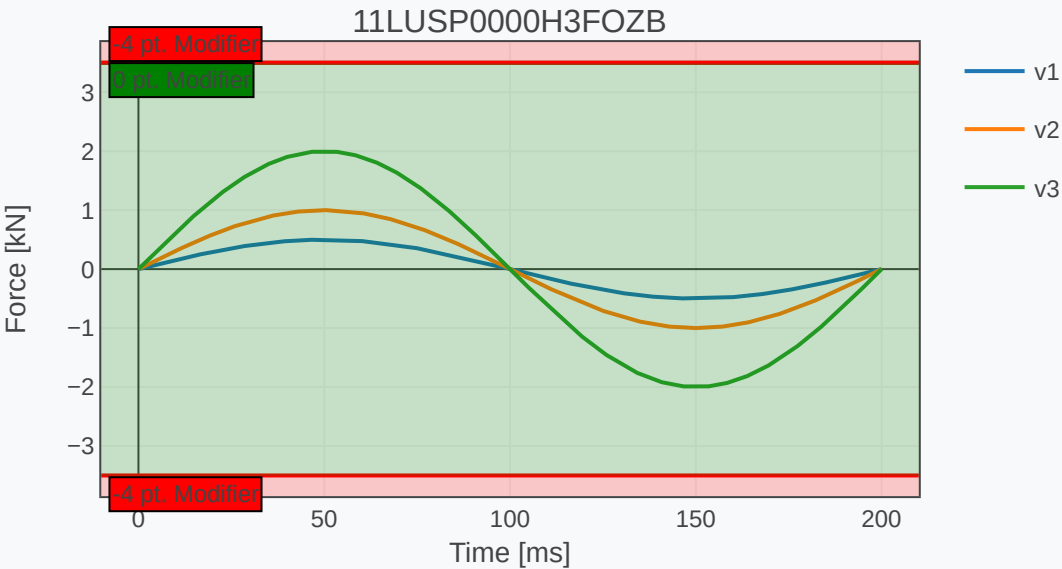
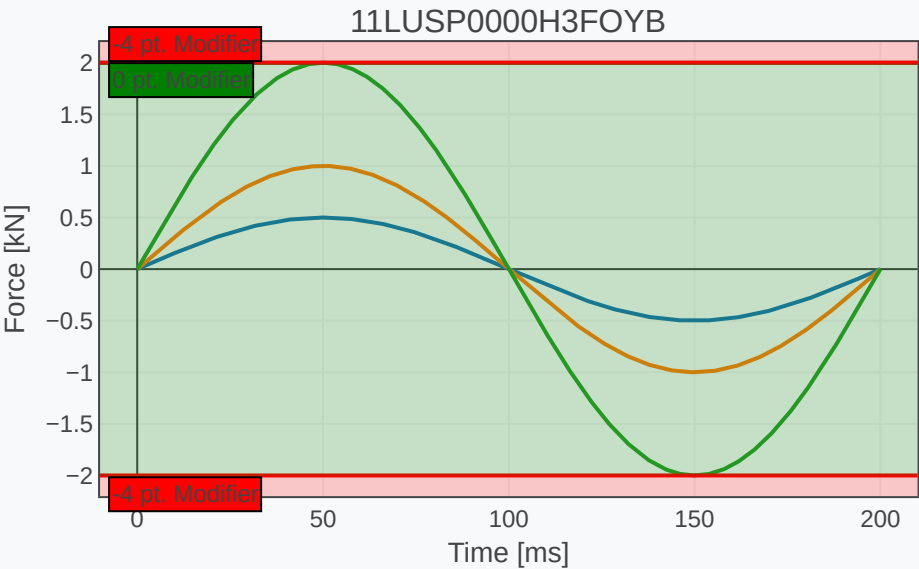
Chest Lateral Compression



Abdomen Lateral Compression



Lumbar Load



Pubic Symphysis Force

