

Abstract No.	Peer-Reviewed Papers Abstract Title	Main Author	Link
ESV26-004	Characterization of Lane Keeping and Departure Scenarios Using Large Scale Naturalistic Driving Data	Gibran Ali	https://doi.org/10.4271/09-14-01-0022
ESV26-005	Driver Understanding of Yellow Indication Laws and Preferences for Configuration of In-vehicle Alerts for Dilemma Zones	Erika Anderson	https://doi.org/10.4271/09-14-01-0006
ESV26-007	Comparative Analysis of Thoracic Injury and Causative Factors Across Sexes in Serious Frontal Motor Vehicle Collisions in the Crash Injury	William Armstrong	https://doi.org/10.4271/09-14-01-0031
ESV26-008	Modification and Validation of a Finite Element Model of a Pedestrian Dummy	Hiroyuki Asanuma	https://doi.org/10.4271/09-14-01-0012
ESV26-009	Visual Language Model Driven Annotation and Analysis of Maneuver Data for AI-Enhanced Autonomous Vehicle Safety	Ling Bai	https://doi.org/10.4271/09-14-01-0032
ESV26-010	Assessing the Influence of Reclined Vehicle Seatback Configurations With and Without a Belt-Positioning Booster on Child Posture via Pressure Mapping	Gretchen Baker	https://doi.org/10.4271/09-14-01-0004
ESV26-012	Advanced Tool for Traffic Crash Analysis: An AI-Driven Multi-Agent Approach to Pre-Crash Reconstruction	Shan Bao	https://doi.org/10.4271/09-14-01-0033

ESV26-022	Vehicle-Based Injury Severity Prediction Using Crash Telemetry Data	Susumu Ejima	https://doi.org/10.4271/09-14-01-0009
ESV26-025	Are Drivers More Distracted with L2 Automated Technologies? An NDS Analysis of Frequency, Duration, and Proportion of Time Drivers Engage in Secondary Tasks	Sheila "Charlie" Klauer	https://doi.org/10.4271/09-14-01-0028
ESV26-026	The Impact of Transition Window Duration on Nominal Transitions of Control in Conditional Automation	John Gaspar	https://doi.org/10.4271/09-14-01-0016
ESV26-032	Neck and spinal responses in the reclined Large Omnidirectional Child (LODC) Anthropomorphic Test Device during far-side lateral oblique impacts	Valentina Graci	https://doi.org/10.4271/09-14-01-0011
ESV26-033	Regional-Specific Patterns of Abdominal Injury in Belted Male and Female Frontal Crash Occupants: Insights from Redefined Anatomical Mapping"	Dale Holloway	https://doi.org/10.4271/09-14-01-0002
ESV26-038	Geometric Variabilities and Their Effects on Impact Responses in Midsize Male and Female Occupants	Jingwen Hu	https://doi.org/10.4271/09-14-01-0025
ESV26-046	Biomechanical Responses and Injuries Of Male Post-Mortem Human Subjects In Rear-Facing Frontal Impacts With Unreinforced Airbag-Equipped Production Seats	Yun-Seok Kang	https://doi.org/10.4271/09-14-01-0030
ESV26-047	SAE Level 2 ADAS Performance in Specific Crash-Imminent Scenarios	Gregory Beale	https://doi.org/10.4271/09-14-01-0015

ESV26-051	Scenario Feature Reduction for Failure Rate Estimation of Automated Vehicles	Bram Lankhorst	https://doi.org/10.4271/09-14-01-0018
ESV26-054	Rear-Impact Crash Injuries in Field Data: Comparison of Cadaveric Mechanisms and Real-World Outcomes in CISS and CIREN	Jack Lockerby	https://doi.org/10.4271/09-14-01-0029
ESV26-055	Machine Learning-Driven Safety Analysis of Automated Vehicles in Simulated Mixed Traffic Environments	Ángel Losada Arias	https://doi.org/10.4271/09-14-01-0021
ESV26-056	Understanding And Modeling Effectiveness of Predictive Risk Notifications for Early Assistance for Safe Driving: A Public-Road Testing Study	Masaki Maruyama	https://doi.org/10.4271/09-14-01-0026
ESV26-057	Characterization of Fatal Cyclist Collisions involving Nine-Type-Vehicles Traveling at Low and High Speeds in Japan	Yasuhiro Matsui	https://doi.org/10.4271/09-14-01-0005
ESV26-060	Characterization of Front Row Occupants Involved in Motor Vehicle Crashes Compared to ATDs and the U.S. Population	Elizabeth McNeil	https://doi.org/10.4271/09-14-01-0027
ESV26-072	The effect of initial foot position on THOR-50M lower leg response in a realistic vehicle buck	Junior Noss	https://doi.org/10.4271/09-14-01-0008
ESV26-076	Row Seatback Contact for Paediatric Occupants Seated in Rearward-Facing Infant Child Restraint Systems During Frontal Crashes	Declan A Patton	https://doi.org/10.4271/09-14-01-0019

ESV26-077	Assessing Injury Prediction With Human Body Models: Application To Rib Fracture Risk Prediction Using Safer HBM	Bengt Pipcorn	https://doi.org/10.4271/09-14-01-0023
ESV26-078	Effects of Vehicle Speed, Category, and Front-End Design on Full-Body Injury Risks of a Mid-Sized Male Pedestrian	Luis Poveda	https://doi.org/10.4271/09-14-01-0017
ESV26-081	Increasing The Competency and Confidence Of Older Drivers In The Use Of Advanced Vehicle Technologies: The Movetech Randomised Controlled Trial	Helen Nguyen	https://doi.org/10.4271/09-14-01-0013
ESV26-085	Frontal Crash Classification and Occupant Outcomes from 2017-2023 US Field Cases	Rodney Rudd	https://doi.org/10.4271/09-14-01-0024
ESV26-090	An Investigation of Drowsy Lane Departure from Driving Simulator Studies	Chris Schwarz	https://doi.org/10.4271/09-14-01-0014
ESV26-092	Injury and Kinematics of Obese PMHS in Frontal Impacts with Reclined Seating	Karthik Somasundaram	https://doi.org/10.4271/09-14-01-0003
ESV26-101	Comparison of CRS Rebound with and Without Anti-Rebound Features in Frontal Crashes	Suzanne Tylko	https://doi.org/10.4271/09-14-01-0010
ESV26-105	Characterization of pedestrian automatic emergency braking acceleration in the modern fleet: potential implications for occupant safety	Maitland Witmer	https://doi.org/10.4271/09-14-01-0007