

Table 2: Overview of Scenario Components and Elements' Hierarchy along with their Availability in *D1* (US) and *D2* (EU)

Scenario Comp.	Elements	Sub-elements	Sub-sub elements	Details	Datasets	
					<i>D1</i>	<i>D2</i>
Static Env.	Road Layout	Junction	-	-	×	✓
	Static Object	-	-	-	✓	×
Dynamic Env.	Actors	Vehicles	Passenger cars	Coupe, Wagon, etc	✓	✓
			Light Trucks	Utility, Light Pickup, etc	✓	×
			Large Trucks	Cargo Van, Large Pickup, etc	✓	×
			Buses	School Bus, Transit Bus, etc	✓	✓
			Heavy Good Vehicles	Trams, etc	×	✓
			Other/Unknown Vehicles	Limousine, Terrain, etc	✓	✓
		Pedestrians	-	-	✓	✓
		Motorcyclists	2-Wheel Motorcycle	-	✓	✓
			Moped	-	✓	✓
			3-Wheel Motorcycle	-	✓	×
			Unenclosed 3-Wheel Motorcycle	-	✓	×
			Scooter	-	✓	×
			Other	-	✓	×
			Unknown	-	✓	×
		Pedalcyclists	-	-	✓	✓
		Unknown	-	-	✓	×
	Activity	Vehicle Lat. Activity	Turning Left	-	✓	✓
			Turning Right	-	✓	✓
			Negotiating a Curve	-	✓	✓
			Backing Up	-	✓	✓
			U-turn	-	✓	✓
			Merge/Lane Change	-	✓	✓
		Vehicle Long. Activity	Driving Straight	-	✓	✓
			Decelerating in Road	-	✓	×
			Overtaking	-	✓	×
			Starting in Road	-	✓	×
			Leaving a Parking Position	-	✓	×
			Stopped in Roadway	-	✓	×
		Other	Parked in Travel Lane	-	✓	×
			Other Maneuver	-	✓	×
		Unknown	-	-	✓	×
Conditions	Weather	Dry	-	-	✓	✓
		Rain	-	-	✓	✓
		Snow/Sleet	-	-	✓	✓
		Fog/Mist	-	-	×	✓
		Strong Wind	-	-	×	✓
		Other	-	-	✓	✓
		Unknown	-	-	✓	✓
	Light	Dark	-	-	✓	✓
		Daylight	-	-	✓	✓
		Dark, but Lighted	-	-	✓	✓
		Dawn/Twilight	-	-	✓	✓
		Street Lights	Light lit	-	×	✓
			Light unlit	-	×	✓
			No lights	-	×	✓
			None/unlit	-	×	✓
		Other	-	-	✓	×
		Unknown	-	-	✓	×

(Comp.= Component, Env.=Environment)