

Table B: List of Selected Scenarios for Safety Testing of ADS using *ODD2* and *D1 - O<sub>21</sub>*

Sr. #	Groups	Scenario Name	Identifier	Score	Priority
G3	Following Lead Vehicle	Ego vehicle approaching slower lead vehicle	$S_{17}$	28	1
		Turning lead vehicle	$S_{18}$	26	2
		Stutter Stop	$S_{20}$	23	3
G5	Crossing Path	Oncoming vehicle turns right at signalized junction	$S_{25}$	28	4
		Sirens	$S_{29}$	28	4
		Left Turn Clip	$S_{30}$	26	5
		Wrong Driveway	$S_{31}$	26	5
		Run Red Into Left Turner	$S_{33}$	26	5
		Misjudgment, Left Turn	$S_{34}$	26	5
		Wave to Go	$S_{32}$	23	6
		Ego vehicle turns right with oncoming vehicle at signalized junction	$S_{26}$	21	7
G3	Opposite Direction	Oncoming vehicle swerving into ego vehicle's lane	$S_{64}$	28	8
		Oncoming vehicle	$S_{65}$	28	8
G7	Pedestrian Interaction	Jaywalking	$S_{36}$	27	9
		Pedestrian crossing at zebra crossing	$S_{37}$	27	9
		Pedestrian running a red light	$S_{41}$	27	9
		Struck Human	$S_{45}$	27	9
		Pedestrian stationary at road side	$S_{39}$	26	10
		Pedestrian walking along the road	$S_{40}$	26	10
		Pedestrian at left turn at signalized junction	$S_{42}$	25	11
		Pedestrian in same direction obstructed at ego left turn	$S_{43}$	25	11
		Zebra crossing	$S_{38}$	23	12
		Pedestrian at right turn at signalized junction	$S_{44}$	20	13
G8	Cyclist Interaction	Cyclist crossing from left side at signalized junction	$S_{46}$	25	14
		Cyclist crossing from right side at signalized junction	$S_{47}$	25	14
		Ego vehicle approaching cyclist riding in same direction	$S_{48}$	25	14
		Ego vehicle driving alongside a cyclist	$S_{49}$	25	14
		Cyclist and ego vehicle driving in opposite direction	$S_{50}$	25	14
		Cyclist turning left and ends up in lane of ego vehicle	$S_{56}$	25	14
		Cyclist turning right and ends up in lane of ego vehicle	$S_{57}$	25	14
		Cyclist at left turn at signalized junction	$S_{51}$	23	15
		Cyclist driving in same direction obstructed at ego left turn	$S_{52}$	23	15
		Cyclist at right turn at signalized junction	$S_{53}$	18	16