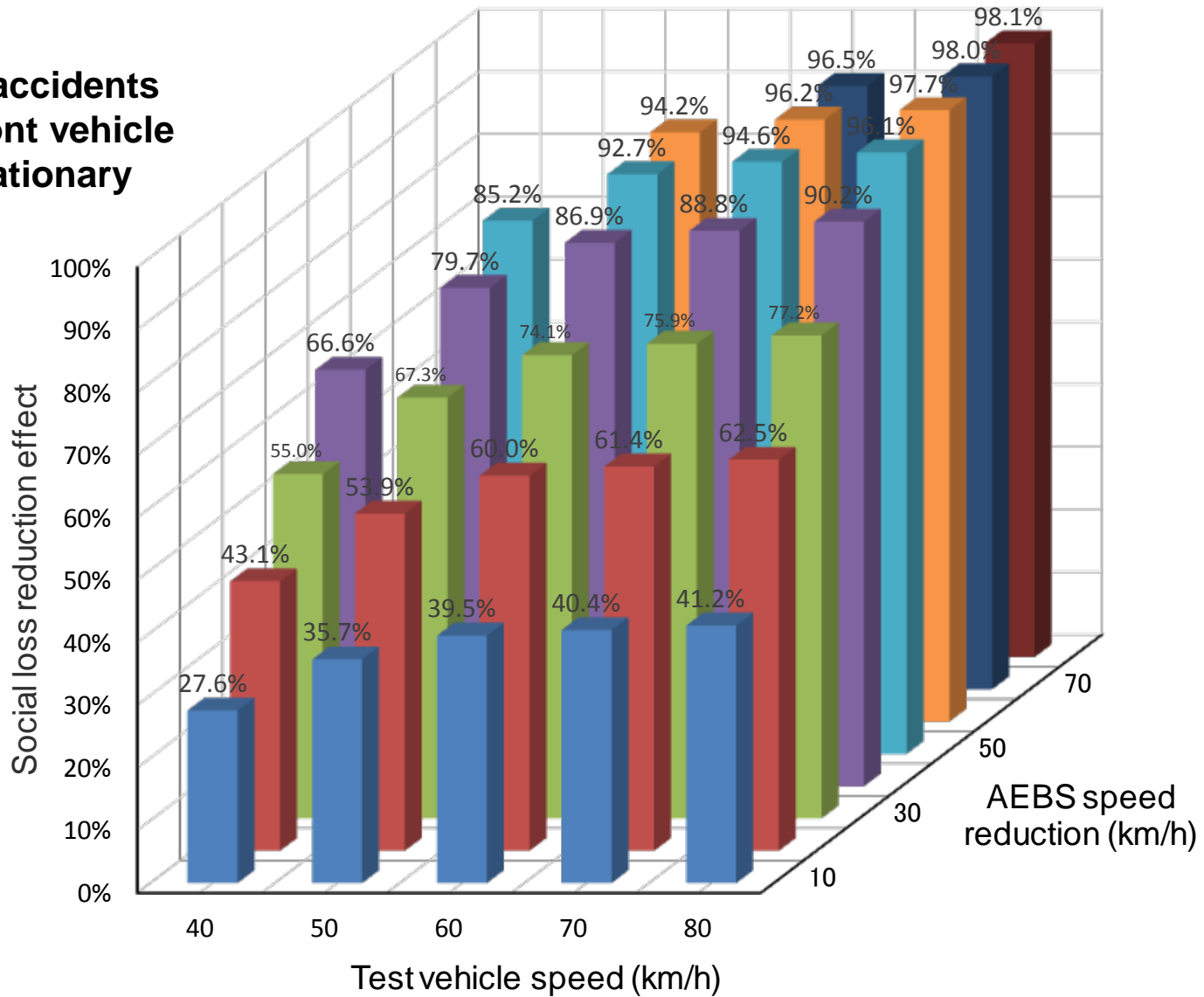


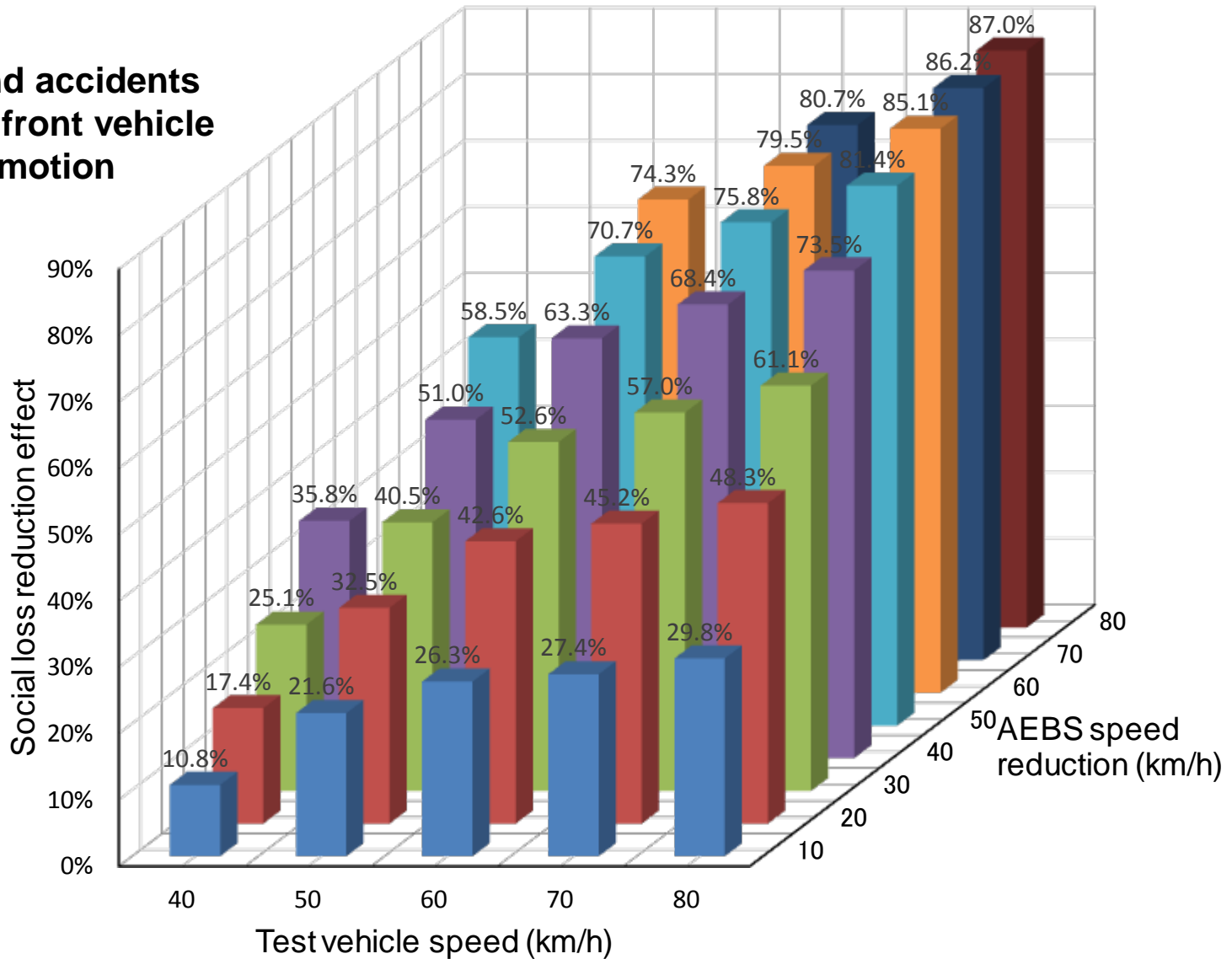
Estimation of the Effect of AEBS Based on Data about Rear-End Accidents That Occurred in Japan

Rear-end accidents with the front vehicle being stationary



Estimation of the Effect of AEBS Based on Data about Rear-End Accidents That Occurred in Japan

Rear-end accidents with the front vehicle in motion



Accident Data Used for Estimating the Effect

Rear-End Accidents That Occurred in Japan in 20XX

Rear-end accidents with the front vehicle being stationary

CCRs (stationary vehicle)	Number of accidents				Composition ratio		
	Death	Serious injury	Minor injury	Total number	Death	Serious injury	Minor injury
Up to 10 km/h	2	1,363	245,486	246,851	0.0000081	0.0055215	0.9944703
to 20 km/h	4	962	151,385	152,351	0.0000263	0.0063144	0.9936594
to 30 km/h	7	1,079	140,151	141,237	0.0000496	0.0076396	0.9923108
to 40 km/h	34	1,551	158,497	160,082	0.0002124	0.0096888	0.9900988
to 50 km/h	49	1,255	75,961	77,265	0.0006342	0.0162428	0.9831230
to 60 km/h	48	511	20,822	21,381	0.0022450	0.0238997	0.9738553
to 70 km/h	14	122	3,149	3,285	0.0042618	0.0371385	0.9585997
to 80 km/h	16	65	1,190	1,271	0.0125885	0.0511408	0.9362707
to 90 km/h	5	22	248	275	0.0181818	0.0800000	0.9018182
to 100 km/h	10	30	250	290	0.0344828	0.1034483	0.8620690
More than 100 km/h	9	6	91	106	0.0849057	0.0566038	0.8584906
Total	198	6,966	797,230	804,394			
Total social loss	6,166,800		0000 yen				

Rear-end accidents with the front vehicle in motion

CCRM (constant-speed vehicle)	Number of accidents				Composition ratio		
	Death	Serious injury	Minor injury	Total number	Death	Serious injury	Minor injury
Up to 10 km/h	1	104	9,739	9,844	0.0001016	0.0105648	0.9893336
to 20 km/h	0	152	14,060	14,212	0	0.0106952	0.9893048
to 30 km/h	2	188	17,384	17,574	0.0001138	0.0106976	0.9891886
to 40 km/h	14	362	23,400	23,776	0.0005888	0.0152254	0.9841857
to 50 km/h	29	444	16,145	16,618	0.0017451	0.0267180	0.9715369
to 60 km/h	33	261	7,799	8,093	0.0040776	0.0322501	0.9636723
to 70 km/h	10	116	2,545	2,671	0.0037439	0.0434294	0.9528267
to 80 km/h	17	90	1,554	1,661	0.0102348	0.0541842	0.9355810
to 90 km/h	4	32	569	605	0.0066116	0.0528926	0.9404959
to 100 km/h	17	71	1,133	1,221	0.0139230	0.0581491	0.9279279
More than 100 km/h	14	82	696	792	0.0176768	0.1035354	0.8787879
Total	141	1,902	95,024	97,067			
Total social loss	1,944,600		0000 yen				