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Lampiran 1 Uji SPSS Tingkat Kebisingan

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.880	4	.340	Normal
	Siang	.894	4	.404	
	Sore	.909	4	.479	
R2	Pagi	.746	4	.036	Tidak Normal
	Siang	.974	4	.864	
	Sore	.965	4	.812	
R3	Pagi	.963	4	.800	Normal
	Siang	.834	4	.179	
	Sore	.970	4	.839	
R4	Pagi	.812	4	.126	Normal
	Siang	.936	4	.630	
	Sore	.882	4	.346	
R5	Pagi	.886	4	.363	Tidak Normal
	Siang	.741	4	.032	
	Sore	.795	4	.094	
R6	Pagi	.824	4	.154	Normal
	Siang	.825	4	.156	
	Sore	.882	4	.345	
R7	Pagi	.930	4	.596	Normal
	Siang	.975	4	.870	
	Sore	.861	4	.262	
R8	Pagi	.986	4	.939	Normal
	Siang	.855	4	.242	
	Sore	.971	4	.846	
R9	Pagi	.996	4	.986	Normal
	Siang	.897	4	.414	
	Sore	.842	4	.203	
R10	Pagi	.713	4	.016	Tidak Normal
	Siang	.982	4	.913	
	Sore	.940	4	.657	
R11	Pagi	.959	4	.771	Normal
	Siang	.946	4	.690	
	Sore	.889	4	.379	
	Pagi	.745	4	.035	Tidak Normal
	Siang	.865	4	.277	
	Sore	.954	4	.742	
	Pagi	.991	4	.960	Normal
	Siang	.938	4	.639	
	Sore	.986	4	.936	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R1	pagi - siang	-1.685	1.534	.767	-2.196	3	.116
	siang - sore	-.265	1.297	.649	-.409	3	.710
	pagi - sore	-1.950	2.425	1.213	-1.608	3	.206
R3	pagi - siang	-.183	2.670	1.335	-.137	3	.900
	siang - sore	-.150	1.736	.868	-.173	3	.874
	pagi - sore	-.333	1.419	.710	-.469	3	.671
R4	pagi - siang	1.233	1.333	.666	1.850	3	.161
	siang - sore	.047	1.126	.563	.084	3	.938
	pagi - sore	1.280	.600	.300	4.268	3	.024
R6	pagi - siang	1.847	1.514	.757	2.441	3	.092
	siang - sore	-.912	.863	.431	-2.116	3	.125
	pagi - sore	.935	1.806	.903	1.036	3	.377
R7	pagi - siang	-.318	.243	.122	-2.608	3	.080
	siang - sore	-.895	.451	.226	-3.967	3	.029
	pagi - sore	-1.213	.583	.291	-4.160	3	.025
R8	pagi - siang	.790	.939	.469	1.683	3	.191
	siang - sore	.575	.678	.339	1.696	3	.189
	pagi - sore	1.365	1.361	.680	2.006	3	.139
R9	pagi - siang	.320	1.445	.723	.443	3	.688
	siang - sore	.425	.523	.261	1.626	3	.202
	pagi - sore	.745	1.217	.608	1.225	3	.308
R11	pagi - siang	-1.320	1.037	.518	-2.547	3	.084
	siang - sore	-.382	1.486	.743	-.515	3	.642
	pagi - sore	-1.703	.763	.381	-4.465	3	.021
R13	pagi - siang	-.140	1.725	.862	-.162	3	.881
	siang - sore	-1.042	.954	.477	-2.185	3	.117
	pagi - sore	-1.182	.800	.400	-2.955	3	.060

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R2	pagi - siang	-1.095	.273
	siang - sore	-.365	.715
	pagi - sore	-1.095	.273
R5	pagi - siang	-1.095	.273
	siang - sore	.000	1.000
	pagi - sore	-.730	.465
R10	pagi - siang	-1.826	.068



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R12	siang - sore	-1.461	.144
	pagi - sore	-1.095	.273
	pagi - siang	-.365	.715
	siang - sore	-1.461	.144
	pagi - sore	-1.095	.273

Sumber : Hasil Analisis, 2023



Lampiran 2 Uji SPSS Volume Lalu Lintas Kendaraan

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.727	4	.023	Tidak Normal
	Siang	.731	4	.025	
	Sore	.795	4	.093	
R2	Pagi	.909	4	.476	Normal
	Siang	.891	4	.390	
	Sore	.968	4	.829	
R3	Pagi	.885	4	.361	Normal
	Siang	.840	4	.196	
	Sore	.920	4	.536	
R4	Pagi	.936	4	.627	Tidak Normal
	Siang	.714	4	.017	
	Sore	.904	4	.453	
R5	Pagi	.810	4	.121	Normal
	Siang	.909	4	.475	
	Sore	.967	4	.824	
R6	Pagi	.847	4	.215	Normal
	Siang	.902	4	.439	
	Sore	.836	4	.183	
R7	Pagi	.908	4	.474	Tidak Normal
	Siang	.986	4	.937	
	Sore	.720	4	.019	
R8	Pagi	.895	4	.406	Normal
	Siang	.972	4	.853	
	Sore	.911	4	.487	
R9	Pagi	.953	4	.733	Normal
	Siang	.958	4	.767	
	Sore	.790	4	.085	
R10	Pagi	.912	4	.493	Normal
	Siang	.970	4	.842	
	Sore	.860	4	.260	
R11	Pagi	.939	4	.649	Normal
	Siang	.913	4	.497	
	Sore	.967	4	.826	
	Pagi	.979	4	.898	Normal
	Siang	.984	4	.926	
	Sore	.923	4	.553	
	Pagi	.991	4	.962	Normal
	Siang	.949	4	.707	
	Sore	.886	4	.365	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R2	pagi - siang	428.750	628.480	314.240	1.364	3	.266
	siang - sore	-193.250	220.594	110.297	-1.752	3	.178
	pagi - sore	235.500	601.062	300.531	.784	3	.490
R3	pagi - siang	426.750	515.168	257.584	1.657	3	.196
	siang - sore	-287.000	469.498	234.749	-1.223	3	.309
	pagi - sore	139.750	847.771	423.886	.330	3	.763
R5	pagi - siang	-72.250	150.334	75.167	-.961	3	.407
	siang - sore	-393.500	301.950	150.975	-2.606	3	.080
	pagi - sore	-465.750	280.209	140.104	-3.324	3	.045
R6	pagi - siang	-91.000	311.703	155.851	-.584	3	.600
	siang - sore	-134.000	419.374	209.687	-.639	3	.568
	pagi - sore	-225.000	236.093	118.047	-1.906	3	.153
R8	pagi - siang	138.250	130.623	65.311	2.117	3	.125
	siang - sore	-285.250	167.721	83.860	-3.401	3	.042
	pagi - sore	-147.000	283.625	141.813	-1.037	3	.376
R9	pagi - siang	14.500	96.583	48.292	.300	3	.784
	siang - sore	-62.500	229.767	114.884	-.544	3	.624
	pagi - sore	-48.000	276.008	138.004	-.348	3	.751
R10	pagi - siang	90.000	151.985	75.992	1.184	3	.322
	siang - sore	12.250	14.660	7.330	1.671	3	.193
	pagi - sore	102.250	152.301	76.150	1.343	3	.272
R11	pagi - siang	-271.500	268.339	134.169	-2.024	3	.136
	siang - sore	68.000	73.335	36.667	1.855	3	.161
	pagi - sore	-203.500	240.309	120.154	-1.694	3	.189
R12	pagi - siang	100.500	68.423	34.211	2.938	3	.061
	siang - sore	-62.000	150.246	75.123	-.825	3	.470
	pagi - sore	38.500	106.947	53.474	.720	3	.524
R13	pagi - siang	22.250	118.187	59.094	.377	3	.732
	siang - sore	-19.750	64.876	32.438	-.609	3	.586
	pagi - sore	2.500	110.829	55.414	.045	3	.967

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test



	Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1		pagi - siang	-1.095	.273
		siang - sore	-1.826	.068
		pagi - sore	-.365	.715
R4		pagi - siang	-.730	.465

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R7	siang - sore	-1.461	.144
	pagi - sore	-.365	.715
	pagi - siang	-1.826	.068
	siang - sore	-1.826	.068
	pagi - sore	-.365	.715

Sumber : Hasil Analisis, 2023



Lampiran 3 Uji SPSS Volume Lalu Lintas Kendaraan MC

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.746	4	.036	Tidak Normal
	Siang	.787	4	.081	
	Sore	.837	4	.188	
R2	Pagi	.914	4	.505	Normal
	Siang	.895	4	.405	
	Sore	.925	4	.567	
R3	Pagi	.912	4	.492	Tidak Normal
	Siang	.754	4	.042	
	Sore	.860	4	.259	
R4	Pagi	.931	4	.601	Normal
	Siang	.862	4	.267	
	Sore	.893	4	.398	
R5	Pagi	.900	4	.431	Tidak Normal
	Siang	.662	4	.004	
	Sore	.988	4	.949	
R6	Pagi	.909	4	.475	Normal
	Siang	.873	4	.311	
	Sore	.863	4	.271	
R7	Pagi	.852	4	.232	Tidak Normal
	Siang	.928	4	.580	
	Sore	.704	4	.013	
R8	Pagi	.868	4	.290	Normal
	Siang	.816	4	.133	
	Sore	.852	4	.233	
R9	Pagi	.960	4	.777	Normal
	Siang	.889	4	.377	
	Sore	.767	4	.056	
R10	Pagi	.924	4	.666	Normal
	Siang	.946	4	.689	
	Sore	.917	4	.523	
R11	Pagi	.991	4	.960	Normal
	Siang	.996	4	.984	
	Sore	.955	4	.745	
	Pagi	.959	4	.773	Normal
	Siang	.806	4	.113	
	Sore	.880	4	.337	
	Pagi	.985	4	.931	Normal
	Siang	.921	4	.543	
	Sore	.965	4	.813	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R1	pagi - siang	388.500	395.226	197.613	1.966	3	.144
	siang - sore	-259.250	274.766	137.383	-1.887	3	.156
	pagi - sore	129.250	390.660	195.330	.662	3	.555
R2	pagi - siang	422.750	542.022	271.011	1.560	3	.217
	siang - sore	-185.500	212.798	106.399	-1.743	3	.180
	pagi - sore	237.250	615.927	307.963	.770	3	.497
R4	pagi - siang	193.250	319.867	159.934	1.208	3	.313
	siang - sore	-208.750	200.345	100.173	-2.084	3	.129
	pagi - sore	-15.500	440.113	220.057	-.070	3	.948
R6	pagi - siang	-14.250	265.469	132.734	-.107	3	.921
	siang - sore	-124.250	389.999	195.000	-.637	3	.569
	pagi - sore	-138.500	231.339	115.669	-1.197	3	.317
R8	pagi - siang	117.750	129.018	64.509	1.825	3	.165
	siang - sore	-213.500	143.957	71.979	-2.966	3	.059
	pagi - sore	-95.750	263.728	131.864	-.726	3	.520
R9	pagi - siang	78.500	69.577	34.789	2.256	3	.109
	siang - sore	-32.000	135.951	67.975	-.471	3	.670
	pagi - sore	46.500	150.043	75.022	.620	3	.579
R10	pagi - siang	19.500	21.794	10.897	1.789	3	.171
	siang - sore	-63.750	116.811	58.406	-1.092	3	.355
	pagi - sore	-44.250	113.391	56.696	-.780	3	.492
R11	pagi - siang	-101.500	182.608	91.304	-1.112	3	.347
	siang - sore	44.500	46.314	23.157	1.922	3	.150
	pagi - sore	-57.000	136.536	68.268	-.835	3	.465
R12	pagi - siang	136.500	65.015	32.508	4.199	3	.025
	siang - sore	-87.000	115.473	57.736	-1.507	3	.229
	pagi - sore	49.500	99.256	49.628	.997	3	.392
R13	pagi - siang	61.000	95.561	47.781	1.277	3	.292
	siang - sore	-17.750	43.431	21.715	-.817	3	.474
	pagi - sore	43.250	79.282	39.641	1.091	3	.355

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test



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	Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R3		pagi - siang	-1.826	.068
		siang - sore	-1.095	.273
		pagi - sore	-.730	.465
R5		pagi - siang	-1.095	.273

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R7	siang - sore	-1.826	.068
	pagi - sore	-1.826	.068
	pagi - siang	-1.826	.068
	siang - sore	-1.826	.068
	pagi - sore	-.730	.465

Sumber : Hasil Analisis, 2023



Lampiran 4 Uji SPSS Volume Lalu Lintas Kendaraan LV

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.920	4	.539	Tidak Normal
	Siang	.864	4	.274	
	Sore	.739	4	.030	
R2	Pagi	.871	4	.302	Normal
	Siang	.861	4	.264	
	Sore	.963	4	.796	
R3	Pagi	.990	4	.956	Normal
	Siang	.960	4	.781	
	Sore	.922	4	.549	
R4	Pagi	.906	4	.461	Normal
	Siang	.781	4	.072	
	Sore	.875	4	.318	
R5	Pagi	.962	4	.792	Tidak Normal
	Siang	.973	4	.860	
	Sore	.669	4	.005	
R6	Pagi	.881	4	.342	Normal
	Siang	.968	4	.827	
	Sore	.987	4	.940	
R7	Pagi	.851	4	.230	Normal
	Siang	.850	4	.226	
	Sore	.979	4	.898	
R8	Pagi	.972	4	.578	Tidak Normal
	Siang	.705	4	.013	
	Sore	.776	4	.066	
R9	Pagi	.828	4	.164	Normal
	Siang	.943	4	.670	
	Sore	.918	4	.526	
R10	Pagi	.841	4	.198	Tidak Normal
	Siang	.967	4	.825	
	Sore	.740	4	.031	
R11	Pagi	.857	4	.251	Tidak Normal
	Siang	.721	4	.020	
	Sore	.902	4	.439	
	Pagi	.897	4	.416	Normal
	Siang	.784	4	.077	
	Sore	.876	4	.322	
	Pagi	.942	4	.666	Normal
	Siang	.968	4	.830	
	Sore	.868	4	.290	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R2	pagi - siang	8.750	86.280	43.140	.203	3	.852
	siang - sore	-13.000	84.420	42.210	-.308	3	.778
	pagi - sore	-4.250	30.369	15.184	-.280	3	.798
R3	pagi - siang	-4.500	86.520	43.260	-.104	3	.924
	siang - sore	-44.500	99.353	49.676	-.896	3	.436
	pagi - sore	-49.000	118.575	59.287	-.826	3	.469
R4	pagi - siang	-48.750	127.097	63.548	-.767	3	.499
	siang - sore	-41.500	93.297	46.649	-.890	3	.439
	pagi - sore	-90.250	102.181	51.090	-1.766	3	.175
R6	pagi - siang	-70.250	57.575	28.788	-2.440	3	.092
	siang - sore	-9.500	47.219	23.610	-.402	3	.714
	pagi - sore	-79.750	58.019	29.010	-2.749	3	.071
R7	pagi - siang	3.250	53.244	26.622	.122	3	.911
	siang - sore	-45.000	33.176	16.588	-2.713	3	.073
	pagi - sore	-41.750	62.867	31.433	-1.328	3	.276
R9	pagi - siang	-58.500	43.578	21.789	-2.685	3	.075
	siang - sore	-32.500	102.250	51.125	-.636	3	.570
	pagi - sore	-91.000	143.031	71.516	-1.272	3	.293
R12	pagi - siang	-33.250	27.232	13.616	-2.442	3	.092
	siang - sore	25.250	37.304	18.652	1.354	3	.269
	pagi - sore	-8.000	15.253	7.627	-1.049	3	.371
R13	pagi - siang	-34.500	26.300	13.150	-2.624	3	.079
	siang - sore	-1.750	28.930	14.465	-.121	3	.911
	pagi - sore	-36.250	37.854	18.927	-1.915	3	.151

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	-1.461	.144
	siang - sore	-1.826	.068
	pagi - sore	-1.826	.068
R5	pagi - siang	-1.826	.068
	siang - sore	-1.461	.144
	pagi - sore	-1.826	.068
R8	pagi - siang	-1.095	.273
	siang - sore	-1.826	.068
	pagi - sore	-1.826	.068
R10	pagi - siang	-1.604	.109



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R11	siang - sore	-1.095	.273
	pagi - sore	-1.826	.068
	pagi - siang	-1.826	.068
	siang - sore	-.365	.715
	pagi - sore	-1.826	.068

Sumber : Hasil Analisis, 2023



Lampiran 5 Uji SPSS Volume Lalu Lintas Kendaraan HV Truk

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.762	4	.050	Tidak Normal
	Siang	.744	4	.034	
	Sore	.630	4	.001	
R2	Pagi	.733	4	.026	Tidak Normal
	Siang	.950	4	.717	
	Sore	.953	4	.737	
R3	Pagi	.845	4	.212	Normal
	Siang	.925	4	.563	
	Sore	.916	4	.517	
R4	Pagi	.963	4	.798	Normal
	Siang	.827	4	.161	
	Sore	.897	4	.414	
R5	Pagi	.971	4	.850	Tidak Normal
	Siang	.864	4	.274	
	Sore	.729	4	.024	
R6	Pagi	.700	4	.012	Tidak Normal
	Siang	.873	4	.310	
	Sore	.737	4	.029	
R7	Pagi	.908	4	.472	Normal
	Siang	.807	4	.115	
	Sore	.820	4	.143	
R8	Pagi	.917	4	.519	Normal
	Siang	.923	4	.556	
	Sore	.852	4	.233	
R9	Pagi	.753	4	.041	Tidak Normal
	Siang	.840	4	.195	
	Sore	.940	4	.653	
R10	Pagi	.630	4	.001	Tidak Normal
	Siang	.828	4	.163	
	Sore	.827	4	.161	
R11	Pagi	.993	4	.927	Normal
	Siang	.950	4	.714	
	Sore	.916	4	.513	
	Pagi	.827	4	.161	Tidak Normal
	Siang	.993	4	.972	
	Sore	.729	4	.024	
	Pagi	.630	4	.001	Tidak Normal
	Siang	.630	4	.001	
	Sore	.831	4	.171	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R3	pagi - siang	-21.750	16.860	8.430	-2.580	3	.082
	siang - sore	11.500	16.422	8.211	1.401	3	.256
	pagi - sore	-10.250	12.176	6.088	-1.684	3	.191
R4	pagi - siang	-6.750	5.560	2.780	-2.428	3	.094
	siang - sore	-1.750	8.139	4.070	-.430	3	.696
	pagi - sore	-8.500	8.813	4.406	-1.929	3	.149
R7	pagi - siang	-9.250	11.529	5.764	-1.605	3	.207
	siang - sore	3.750	6.292	3.146	1.192	3	.319
	pagi - sore	-5.500	10.116	5.058	-1.087	3	.356
R8	pagi - siang	-8.000	4.761	2.380	-3.361	3	.044
	siang - sore	-1.000	4.830	2.415	-.414	3	.707
	pagi - sore	-9.000	1.414	.707	-12.728	3	.001
R11	pagi - siang	-5.000	4.082	2.041	-2.449	3	.092
	siang - sore	-.250	3.775	1.887	-.132	3	.903
	pagi - sore	-5.250	4.573	2.287	-2.296	3	.105
R12	pagi - siang	-3.500	2.082	1.041	-3.363	3	.044
	siang - sore	.000	1.414	.707	.000	3	1.000
	pagi - sore	-3.500	1.000	.500	-7.000	3	.006

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	-1.089	.276
	siang - sore	-1.000	.317
	pagi - sore	-1.069	.285
R2	pagi - siang	-1.461	.144
	siang - sore	-.730	.465
	pagi - sore	.000	1.000
R5	pagi - siang	-1.289	.197
	siang - sore	-1.841	.066
	pagi - sore	-1.342	.180
R6	pagi - siang	-1.461	.144
	siang - sore	.000	1.000
	pagi - sore	-1.473	.141
R9	pagi - siang	-1.473	.141
	siang - sore	.000	1.000
	pagi - sore	-1.826	.068



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R10	pagi - siang	-1.461	.144
	siang - sore	-1.604	.109
	pagi - sore	-1.105	.269
R12	pagi - siang	-1.732	.083
	siang - sore	-1.841	.066
	pagi - sore	-1.857	.063
R13	pagi - siang	-1.473	.141
	siang - sore	-.184	.854
	pagi - sore	-1.289	.197

Sumber : Hasil Analisis, 2023



Lampiran 6 Uji SPSS Volume Lalu Lintas Kendaraan HV Bus

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.945	4	.683	Normal
	Siang	.895	4	.406	
	Sore	.848	4	.220	
R2	Pagi	.863	4	.271	Tidak Normal
	Siang	.630	4	.001	
	Sore	.971	4	.850	
R3	Pagi	.982	4	.911	Normal
	Siang	.827	4	.161	
	Sore	.827	4	.161	
R4	Pagi	.945	4	.683	Tidak Normal
	Siang	.729	4	.024	
	Sore	.895	4	.406	
R5	Pagi	.729	4	.024	Tidak Normal
	Siang	.791	4	.086	
	Sore	.791	4	.086	
R6	Pagi	.630	4	.001	Tidak Normal
	Siang	.827	4	.161	
	Sore	.840	4	.195	
R7	Pagi	.945	4	.683	Normal
	Siang	.993	4	.972	
	Sore	.863	4	.272	
R8	Pagi	.630	4	.001	Tidak Normal
	Siang	.630	4	.001	
	Sore	.827	4	.161	
R9	Pagi	.863	4	.272	Normal
	Siang	.993	4	.972	
	Sore	.993	4	.972	
R10	Pagi	.840	4	.195	Tidak Normal
	Siang	.849	4	.224	
	Sore	.729	4	.024	
R11	Pagi	.630	4	.001	Tidak Normal
	Siang	.945	4	.683	
	Sore	.630	4	.001	
	Pagi	.729	4	.024	Tidak Normal
	Siang	.863	4	.272	
	Sore	*	*	*	
	Pagi	.630	4	.001	Tidak Normal
	Siang	.945	4	.683	
	Sore	*	*	*	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R1	pagi - siang	.250	1.708	.854	.293	3	.789
	siang - sore	1.000	2.944	1.472	.679	3	.546
	pagi - sore	1.250	1.708	.854	1.464	3	.239
R3	pagi - siang	1.750	3.096	1.548	1.131	3	.340
	siang - sore	-1.000	2.828	1.414	-.707	3	.530
	pagi - sore	.750	2.630	1.315	.570	3	.608
R7	pagi - siang	-.500	1.915	.957	-.522	3	.638
	siang - sore	.250	1.500	.750	.333	3	.761
	pagi - sore	-.250	1.708	.854	-.293	3	.789
R9	pagi - siang	-.750	2.062	1.031	-.728	3	.519
	siang - sore	1.000	1.414	.707	1.414	3	.252
	pagi - sore	.250	1.500	.750	.333	3	.761

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R2	pagi - siang	-1.342	.180
	siang - sore	-1.633	.102
	pagi - sore	-1.069	.285
R4	pagi - siang	-1.414	.157
	siang - sore	-1.069	.285
	pagi - sore	.447	.655
R5	pagi - siang	.000	1.000
	siang - sore	-.743	.458
	pagi - sore	.000	1.000
R6	pagi - siang	-.447	.655
	siang - sore	-.535	.593
	pagi - sore	-.816	.414
R8	pagi - siang	-1.890	.059
	siang - sore	-1.841	.066
	pagi - sore	.000	1.000
R10	pagi - siang	-.378	.705
	siang - sore	-.378	.705
	pagi - sore	.000	1.000
R11	pagi - siang	-1.342	.180
	siang - sore	-1.414	.157
	pagi - sore	-1.633	.102
R12	pagi - siang	-1.732	.083



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R13	siang - sore	-.577	.564
	pagi - sore	-1.414	.157
	pagi - siang	-1.732	.083
	siang - sore	-1.633	.102
	pagi - sore	-1.000	.317

Sumber : Hasil Analisis, 2023



Lampiran 7 Uji SPSS Kecepatan Kendaraan

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.858	4	.001	Tidak Normal
	Siang	.731	4	.972	
	Sore	.795	4	.272	
R2	Pagi	.909	4	.972	Tidak Normal
	Siang	.891	4	.972	
	Sore	.968	4	.024	
R3	Pagi	.885	4	.001	Tidak Normal
	Siang	.840	4	.850	
	Sore	.920	4	.683	
R4	Pagi	.936	4	.296	Normal
	Siang	.714	4	.086	
	Sore	.904	4	.272	
R5	Pagi	.810	4	.995	Tidak Normal
	Siang	.909	4	.683	
	Sore	.967	4	.024	
R6	Pagi	.847	4	.906	Normal
	Siang	.902	4	.272	
	Sore	.836	4	.972	
R7	Pagi	.908	4	.689	Normal
	Siang	.986	4	.850	
	Sore	.720	4	.086	
R8	Pagi	.895	4	.123	Normal
	Siang	.972	4	.850	
	Sore	.911	4	.272	
R9	Pagi	.953	4	.001	Tidak Normal
	Siang	.958	4	.683	
	Sore	.790	4	.272	
R10	Pagi	.860	4	.683	Tidak Normal
	Siang	.970	4	.488	
	Sore	.912	4	.001	
R11	Pagi	.939	4	.224	Normal
	Siang	.913	4	.683	
	Sore	.967	4	.572	
	Pagi	.979	4	.161	Tidak Normal
	Siang	.984	4	.001	
	Sore	.923	4	.041	
	Pagi	.991	4	.161	Normal
	Siang	.949	4	.850	
	Sore	.886	4	.577	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R4	pagi - siang	5.500	4.203	2.102	2.617	3	.079
	siang - sore	-1.000	2.708	1.354	-.739	3	.514
	pagi - sore	4.500	6.557	3.279	1.372	3	.264
R6	pagi - siang	4.000	5.477	2.739	1.461	3	.240
	siang - sore	-1.000	.816	.408	-2.449	3	.092
	pagi - sore	3.000	5.715	2.858	1.050	3	.371
R7	pagi - siang	-.750	4.193	2.097	-.358	3	.744
	siang - sore	-2.000	2.449	1.225	-1.633	3	.201
	pagi - sore	-2.750	4.031	2.016	-1.364	3	.266
R8	pagi - siang	3.000	1.633	.816	3.674	3	.035
	siang - sore	.500	1.291	.645	.775	3	.495
	pagi - sore	3.500	1.732	.866	4.041	3	.027
R11	pagi - siang	.750	2.217	1.109	.676	3	.547
	siang - sore	-1.750	1.893	.946	-1.849	3	.162
	pagi - sore	-1.000	3.367	1.683	-.594	3	.594
R13	pagi - siang	-1.750	.957	.479	-3.656	3	.035
	siang - sore	.750	.500	.250	3.000	3	.058
	pagi - sore	-1.000	1.155	.577	-1.732	3	.182

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	.000	1.000
	siang - sore	-1.342	.180
	pagi - sore	-1.633	.102
R2	pagi - siang	-.816	.414
	siang - sore	-1.069	.285
	pagi - sore	-1.633	.102
R3	pagi - siang	-.816	.414
	siang - sore	-.378	.705
	pagi - sore	-.447	.655
R5	pagi - siang	-1.134	.257
	siang - sore	-1.069	.285
	pagi - sore	-1.841	.066
R9	pagi - siang	-1.633	.102
	siang - sore	-.378	.705
	pagi - sore	-1.633	.102
R10	pagi - siang	-.743	.458



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R12	siang - sore	-.368	.713
	pagi - sore	-.368	.713
	pagi - siang	-1.069	.285
	siang - sore	-1.289	.197
	pagi - sore	-.447	.655

Sumber : Hasil Analisis, 2023



Lampiran 8 Uji SPSS Kecepatan Kendaraan MC

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.630	4	.001	Tidak Normal
	Siang	.945	4	.683	
	Sore	.895	4	.406	
R2	Pagi	.945	4	.683	Normal
	Siang	.991	4	.962	
	Sore	.950	4	.714	
R3	Pagi	.963	4	.798	Normal
	Siang	.799	4	.100	
	Sore	.853	4	.235	
R4	Pagi	.818	4	.138	Normal
	Siang	.791	4	.086	
	Sore	.926	4	.572	
R5	Pagi	.926	4	.572	Normal
	Siang	.982	4	.911	
	Sore	.993	4	.972	
R6	Pagi	.799	4	.100	Tidak Normal
	Siang	.630	4	.001	
	Sore	.840	4	.195	
R7	Pagi	.776	4	.066	Normal
	Siang	.926	4	.571	
	Sore	.863	4	.272	
R8	Pagi	.956	4	.755	Normal
	Siang	.993	4	.972	
	Sore	.939	4	.650	
R9	Pagi	.840	4	.195	Tidak Normal
	Siang	.630	4	.001	
	Sore	.729	4	.024	
R10	Pagi	.849	4	.224	Normal
	Siang	.791	4	.086	
	Sore	.993	4	.972	
R11	Pagi	.945	4	.683	Normal
	Siang	.945	4	.683	
	Sore	.863	4	.272	
	Pagi	.863	4	.272	Normal
	Siang	.993	4	.972	
	Sore	.916	4	.513	
	Pagi	.945	4	.683	Normal
	Siang	.963	4	.798	
	Sore	.848	4	.220	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R2	pagi - siang	.500	2.517	1.258	.397	3	.718
	siang - sore	.500	2.380	1.190	.420	3	.703
	pagi - sore	1.000	1.414	.707	1.414	3	.252
R3	pagi - siang	-.500	1.732	.866	-.577	3	.604
	siang - sore	-1.250	7.411	3.705	-.337	3	.758
	pagi - sore	-1.750	6.397	3.198	-.547	3	.622
R4	pagi - siang	5.250	5.560	2.780	1.888	3	.155
	siang - sore	.500	2.646	1.323	.378	3	.731
	pagi - sore	5.750	5.560	2.780	2.068	3	.130
R5	pagi - siang	2.000	2.944	1.472	1.359	3	.267
	siang - sore	2.750	4.924	2.462	1.117	3	.345
	pagi - sore	4.750	2.754	1.377	3.450	3	.041
R7	pagi - siang	-2.000	9.626	4.813	-.416	3	.706
	siang - sore	.500	4.203	2.102	.238	3	.827
	pagi - sore	-1.500	6.557	3.279	-.457	3	.678
R8	pagi - siang	2.750	2.363	1.181	2.328	3	.102
	siang - sore	-.250	3.304	1.652	-.151	3	.889
	pagi - sore	2.500	4.509	2.255	1.109	3	.348
R10	pagi - siang	-1.000	2.828	1.414	-.707	3	.530
	siang - sore	-1.250	1.708	.854	-1.464	3	.239
	pagi - sore	-2.250	1.258	.629	-3.576	3	.037
R11	pagi - siang	.000	.816	.408	.000	3	1.000
	siang - sore	.500	1.291	.645	.775	3	.495
	pagi - sore	.500	2.082	1.041	.480	3	.664
R12	pagi - siang	-.250	2.217	1.109	-.225	3	.836
	siang - sore	-.250	3.862	1.931	-.129	3	.905
	pagi - sore	-.500	2.887	1.443	-.346	3	.752
R13	pagi - siang	.750	2.500	1.250	.600	3	.591
	siang - sore	1.500	.577	.289	5.196	3	.014
	pagi - sore	2.250	2.500	1.250	1.800	3	.170

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	.557	.577
	siang - sore	-1.841	.066
	pagi - sore	-1.289	.197
R6	pagi - siang	-1.105	.269

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R9	siang - sore	.000	1.000
	pagi - sore	-1.473	.141
	pagi - siang	-1.134	.257
	siang - sore	-1.000	.317
	pagi - sore	-.816	.414

Sumber : Hasil Analisis, 2023



Lampiran 9 Uji SPSS Kecepatan Kendaraan LV

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.848	4	.220	Tidak Normal
	Siang	.920	4	.538	
	Sore	.630	4	.001	
R2	Pagi	.828	4	.163	Tidak Normal
	Siang	.895	4	.406	
	Sore	.630	4	.001	
R3	Pagi	.895	4	.406	Tidak Normal
	Siang	.863	4	.272	
	Sore	.729	4	.024	
R4	Pagi	.807	4	.115	Normal
	Siang	.895	4	.406	
	Sore	.863	4	.272	
R5	Pagi	.923	4	.556	Normal
	Siang	.840	4	.195	
	Sore	.882	4	.348	
R6	Pagi	.915	4	.507	Normal
	Siang	.828	4	.163	
	Sore	.950	4	.714	
R7	Pagi	.926	4	.572	Normal
	Siang	.763	4	.051	
	Sore	.963	4	.798	
R8	Pagi	.989	4	.952	Normal
	Siang	.927	4	.577	
	Sore	.863	4	.272	
R9	Pagi	.895	4	.406	Normal
	Siang	.863	4	.272	
	Sore	.863	4	.272	
R10	Pagi	.945	4	.683	Normal
	Siang	.791	4	.086	
	Sore	.863	4	.272	
R11	Pagi	.945	4	.683	Normal
	Siang	.895	4	.406	
	Sore	.763	4	.051	
	Pagi	.971	4	.850	Normal
	Siang	.993	4	.972	
	Sore	.963	4	.789	
	Pagi	.945	4	.683	Normal
	Siang	.945	4	.683	
	Sore	.945	4	.683	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R4	pagi - siang	3.500	5.066	2.533	1.382	3	.261
	siang - sore	1.000	.816	.408	2.449	3	.092
	pagi - sore	4.500	5.686	2.843	1.583	3	.212
R5	pagi - siang	2.250	3.862	1.931	1.165	3	.328
	siang - sore	2.500	4.359	2.179	1.147	3	.335
	pagi - sore	4.750	2.500	1.250	3.800	3	.032
R6	pagi - siang	1.750	4.573	2.287	.765	3	.500
	siang - sore	.750	5.188	2.594	.289	3	.791
	pagi - sore	2.500	5.196	2.598	.962	3	.407
R7	pagi - siang	-.750	3.304	1.652	-.454	3	.681
	siang - sore	-1.750	2.217	1.109	-1.578	3	.213
	pagi - sore	-2.500	2.380	1.190	-2.100	3	.127
R8	pagi - siang	3.750	2.872	1.436	2.611	3	.080
	siang - sore	-.500	2.646	1.323	-.378	3	.731
	pagi - sore	3.250	1.258	.629	5.166	3	.014
R9	pagi - siang	.500	1.732	.866	.577	3	.604
	siang - sore	1.000	1.633	.816	1.225	3	.308
	pagi - sore	1.500	1.291	.645	2.324	3	.103
R10	pagi - siang	-1.750	1.893	.946	-1.849	3	.162
	siang - sore	-1.000	2.449	1.225	-.816	3	.474
	pagi - sore	-2.750	1.708	.854	-3.220	3	.049
R11	pagi - siang	1.250	1.500	.750	1.667	3	.194
	siang - sore	-3.000	5.477	2.739	-1.095	3	.353
	pagi - sore	-1.750	6.292	3.146	-.556	3	.617
R12	pagi - siang	1.250	.957	.479	2.611	3	.080
	siang - sore	-1.250	2.500	1.250	-1.000	3	.391
	pagi - sore	.000	2.160	1.080	.000	3	1.000
R13	pagi - siang	1.000	.816	.408	2.449	3	.092
	siang - sore	*	*	*	*	*	*
	pagi - sore	.000	.816	.408	.000	3	1.000

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test



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Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	.000	1.000
	siang - sore	-1.826	.068
	pagi - sore	-1.841	.066
R2	pagi - siang	-.535	.593

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R3	siang - sore	-1.069	.285
	pagi - sore	-1.069	.285
	pagi - siang	.000	1.000
	siang - sore	-1.841	.066
	pagi - sore	-1.826	.068

Sumber : Hasil Analisis, 2023



Lampiran 10 Uji SPSS Kecepatan Kendaraan HV Truk

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.791	4	.086	Normal
	Siang	.895	4	.406	
	Sore	.848	4	.220	
R2	Pagi	.971	4	.850	Normal
	Siang	.863	4	.272	
	Sore	.840	4	.195	
R3	Pagi	.993	4	.972	Normal
	Siang	.827	4	.161	
	Sore	.863	4	.272	
R4	Pagi	.953	4	.737	Normal
	Siang	.863	4	.272	
	Sore	.945	4	.683	
R5	Pagi	.860	4	.262	Normal
	Siang	.895	4	.406	
	Sore	.907	4	.467	
R6	Pagi	.989	4	.954	Normal
	Siang	.950	4	.714	
	Sore	.993	4	.972	
R7	Pagi	.818	4	.139	Normal
	Siang	.971	4	.850	
	Sore	.962	4	.792	
R8	Pagi	.786	4	.079	Normal
	Siang	.927	4	.577	
	Sore	.848	4	.220	
R9	Pagi	.714	4	.017	Tidak Normal
	Siang	.630	4	.001	
	Sore	.971	4	.850	
R10	Pagi	.630	4	.001	Tidak Normal
	Siang	.940	4	.653	
	Sore	.971	4	.850	
R11	Pagi	.939	4	.650	Tidak Normal
	Siang	.630	4	.001	
	Sore	.946	4	.689	
	Pagi	.833	4	.176	Normal
	Siang	.849	4	.224	
	Sore	.923	4	.556	
	Pagi	.993	4	.972	Normal
	Siang	.849	4	.224	
	Sore	.946	4	.689	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R1	pagi - siang	-1.500	2.380	1.190	-1.260	3	.297
	siang - sore	.000	1.633	.816	.000	3	1.000
	pagi - sore	-1.500	3.109	1.555	-.965	3	.406
R2	pagi - siang	2.000	2.944	1.472	1.359	3	.267
	siang - sore	.750	4.031	2.016	.372	3	.735
	pagi - sore	2.750	1.500	.750	3.667	3	.035
R3	pagi - siang	1.500	1.291	.645	2.324	3	.103
	siang - sore	1.250	2.217	1.109	1.127	3	.342
	pagi - sore	2.750	2.217	1.109	2.480	3	.089
R4	pagi - siang	6.250	5.737	2.869	2.179	3	.117
	siang - sore	-1.500	2.380	1.190	-1.260	3	.297
	pagi - sore	4.750	6.801	3.400	1.397	3	.257
R5	pagi - siang	3.500	4.203	2.102	1.665	3	.194
	siang - sore	1.250	4.717	2.358	.530	3	.633
	pagi - sore	4.750	4.646	2.323	2.045	3	.133
R6	pagi - siang	7.000	8.602	4.301	1.627	3	.202
	siang - sore	-3.000	2.449	1.225	-2.449	3	.092
	pagi - sore	4.000	7.958	3.979	1.005	3	.389
R7	pagi - siang	.500	2.646	1.323	.378	3	.731
	siang - sore	-4.250	5.965	2.983	-1.425	3	.249
	pagi - sore	-3.750	7.632	3.816	-.983	3	.398
R8	pagi - siang	2.750	4.349	2.175	1.265	3	.295
	siang - sore	.250	2.062	1.031	.243	3	.824
	pagi - sore	3.000	2.828	1.414	2.121	3	.124
R12	pagi - siang	-11.000	13.367	6.683	-1.646	3	.198
	siang - sore	-4.000	4.000	2.000	-2.000	3	.139
	pagi - sore	-15.000	15.748	7.874	-1.905	3	.153
R13	pagi - siang	-4.750	1.708	.854	-5.563	3	.011
	siang - sore	1.250	2.754	1.377	.908	3	.431
	pagi - sore	-3.500	1.732	.866	-4.041	3	.027

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test



	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R9	pagi - siang	-.368	.713
	siang - sore	-.577	.564
	pagi - sore	-.365	.715
R10	pagi - siang	-1.461	.144

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R11	siang - sore	-.272	.785
	pagi - sore	-1.604	.109
	pagi - siang	-1.095	.273
	siang - sore	-1.461	.144
	pagi - sore	-.535	.593

Sumber : Hasil Analisis, 2023



Lampiran 11 Uji SPSS Kecepatan Kendaraan HV Bus

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.939	4	.650	Tidak Normal
	Siang	.729	4	.024	
	Sore	.762	4	.050	
R2	Pagi	.939	4	.647	Normal
	Siang	.961	4	.783	
	Sore	.993	4	.972	
R3	Pagi	.763	4	.052	Normal
	Siang	.927	4	.577	
	Sore	.998	4	.995	
R4	Pagi	.869	4	.293	Normal
	Siang	.793	4	.090	
	Sore	.989	4	.952	
R5	Pagi	.773	4	.062	Normal
	Siang	.863	4	.272	
	Sore	.684	4	.008	
R6	Pagi	.630	4	.001	Tidak Normal
	Siang	.811	4	.123	
	Sore	.803	4	.108	
R7	Pagi	.982	4	.911	Normal
	Siang	.827	4	.161	
	Sore	.840	4	.195	
R8	Pagi	.973	4	.857	Tidak Normal
	Siang	.734	4	.027	
	Sore	.840	4	.195	
R9	Pagi	.971	4	.850	Tidak Normal
	Siang	.863	4	.272	
	Sore	.737	4	.029	
R10	Pagi	.846	4	.214	Normal
	Siang	.766	4	.054	
	Sore	.946	4	.689	
R11	Pagi	.630	4	.001	Tidak Normal
	Siang	.828	4	.163	
	Sore	.939	4	.650	
	Pagi	.979	4	.894	Normal
	Siang	.817	4	.136	
	Sore	.908	4	.472	
	Pagi	.923	4	.556	Normal
	Siang	.982	4	.911	
	Sore	.912	4	.492	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R2	pagi - siang	.250	7.365	3.683	.068	3	.950
	siang - sore	2.500	2.517	1.258	1.987	3	.141
	pagi - sore	2.750	4.924	2.462	1.117	3	.345
R3	pagi - siang	1.500	1.915	.957	1.567	3	.215
	siang - sore	-5.500	8.347	4.173	-1.318	3	.279
	pagi - sore	-4.000	8.287	4.143	-.965	3	.406
R4	pagi - siang	5.000	22.539	11.269	.444	3	.687
	siang - sore	-10.000	8.679	4.340	-2.304	3	.105
	pagi - sore	-5.000	15.811	7.906	-.632	3	.572
R7	pagi - siang	-.750	3.686	1.843	-.407	3	.711
	siang - sore	-2.500	1.732	.866	-2.887	3	.063
	pagi - sore	-3.250	3.948	1.974	-1.647	3	.198
R10	pagi - siang	5.750	20.549	10.274	.560	3	.615
	siang - sore	-11.500	13.404	6.702	-1.716	3	.185
	pagi - sore	-5.750	13.598	6.799	-.846	3	.460
R12	pagi - siang	15.000	9.201	4.601	3.260	3	.047
	siang - sore	-15.750	11.871	5.935	-2.654	3	.077
	pagi - sore	-.750	4.349	2.175	-.345	3	.753
R13	pagi - siang	-4.500	2.646	1.323	-3.402	3	.042
	siang - sore	1.750	2.872	1.436	1.219	3	.310
	pagi - sore	-2.750	3.775	1.887	-1.457	3	.241

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	-.730	.465
	siang - sore	-.736	.461
	pagi - sore	-1.826	.068
R5	pagi - siang	-1.134	.257
	siang - sore	-1.841	.066
	pagi - sore	-1.826	.068
R6	pagi - siang	-1.342	.180
	siang - sore	-1.095	.273
	pagi - sore	-1.604	.109
R8	pagi - siang	-1.461	.144
	siang - sore	.000	1.000
	pagi - sore	-1.069	.285
R9	pagi - siang	-1.633	.102



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R11	siang - sore	-.447	.655
	pagi - sore	-1.069	.285
	pagi - siang	-1.604	.109
	siang - sore	-1.461	.144
	pagi - sore	-1.826	.068

Sumber : Hasil Analisis, 2023



Lampiran 12 Uji SPSS Klakson Kendaraan

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.995	4	.983	Normal
	Siang	.893	4	.399	
	Sore	.985	4	.930	
R2	Pagi	.999	4	.998	Normal
	Siang	.867	4	.285	
	Sore	.963	4	.798	
R3	Pagi	.912	4	.491	Tidak Normal
	Siang	.669	4	.005	
	Sore	.952	4	.726	
R4	Pagi	.902	4	.439	Normal
	Siang	.968	4	.828	
	Sore	.949	4	.712	
R5	Pagi	.630	4	.001	Tidak Normal
	Siang	.836	4	.183	
	Sore	.989	4	.951	
R6	Pagi	.994	4	.976	Normal
	Siang	.985	4	.932	
	Sore	.994	4	.977	
R7	Pagi	.997	4	.990	Normal
	Siang	.926	4	.572	
	Sore	.917	4	.521	
R8	Pagi	.968	4	.828	Normal
	Siang	.963	4	.797	
	Sore	.987	4	.943	
R9	Pagi	.896	4	.413	Normal
	Siang	.946	4	.689	
	Sore	.911	4	.487	
R10	Pagi	.870	4	.299	Normal
	Siang	.837	4	.187	
	Sore	.990	4	.957	
R11	Pagi	.977	4	.883	Normal
	Siang	.908	4	.472	
	Sore	.904	4	.450	
	Pagi	.981	4	.909	Tidak Normal
	Siang	.724	4	.021	
	Sore	.893	4	.395	
	Pagi	.901	4	.435	Normal
	Siang	.984	4	.925	
	Sore	.936	4	.631	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R1	pagi - siang	26.000	32.782	16.391	1.586	3	.211
	siang - sore	-4.500	20.535	10.267	-.438	3	.691
	pagi - sore	21.500	31.501	15.751	1.365	3	.266
R2	pagi - siang	-10.250	20.726	10.363	-.989	3	.396
	siang - sore	.750	22.470	11.235	.067	3	.951
	pagi - sore	-9.500	17.711	8.855	-1.073	3	.362
R4	pagi - siang	-.500	11.958	5.979	-.084	3	.939
	siang - sore	-8.000	15.769	7.885	-1.015	3	.385
	pagi - sore	-8.500	11.269	5.635	-1.509	3	.229
R6	pagi - siang	-7.000	42.599	21.299	-.329	3	.764
	siang - sore	6.750	19.015	9.508	.710	3	.529
	pagi - sore	-.250	24.019	12.010	-.021	3	.985
R7	pagi - siang	3.750	14.930	7.465	.502	3	.650
	siang - sore	-6.750	14.408	7.204	-.937	3	.418
	pagi - sore	-3.000	12.675	6.338	-.473	3	.668
R8	pagi - siang	3.750	7.848	3.924	.956	3	.410
	siang - sore	-11.250	10.563	5.282	-2.130	3	.123
	pagi - sore	-7.500	11.475	5.737	-1.307	3	.282
R9	pagi - siang	20.250	14.569	7.284	2.780	3	.069
	siang - sore	-21.750	27.109	13.555	-1.605	3	.207
	pagi - sore	-1.500	27.791	13.895	-.108	3	.921
R10	pagi - siang	1.250	11.899	5.949	.210	3	.847
	siang - sore	-6.750	9.500	4.750	-1.421	3	.250
	pagi - sore	-5.500	14.059	7.030	-.782	3	.491
R11	pagi - siang	-18.250	19.906	9.953	-1.834	3	.164
	siang - sore	1.500	16.683	8.342	.180	3	.869
	pagi - sore	-16.750	14.930	7.465	-2.244	3	.111
R13	pagi - siang	-8.500	24.718	12.359	-.688	3	.541
	siang - sore	5.500	19.070	9.535	.577	3	.604
	pagi - sore	-3.000	22.701	11.350	-.264	3	.809

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test



	Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R3		pagi - siang	-.365	.715
		siang - sore	-.730	.465
		pagi - sore	.000	1.000
R5		pagi - siang	-1.826	.068

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R12	siang - sore	-1.826	.068
	pagi - sore	-1.826	.068
	pagi - siang	-.736	.461
	siang - sore	-.535	.593
	pagi - sore	.000	1.000

Sumber : Hasil Analisis, 2023



Lampiran 13 Uji SPSS Klakson Kendaraan MC

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.927	4	.577	Tidak Normal
	Siang	.729	4	.024	
	Sore	.925	4	.563	
R2	Pagi	.852	4	.232	Tidak Normal
	Siang	.970	4	.840	
	Sore	.714	4	.017	
R3	Pagi	.851	4	.229	Normal
	Siang	.854	4	.240	
	Sore	.916	4	.517	
R4	Pagi	.907	4	.467	Tidak Normal
	Siang	.971	4	.850	
	Sore	.744	4	.034	
R5	Pagi	.993	4	.972	Normal
	Siang	.884	4	.355	
	Sore	.985	4	.931	
R6	Pagi	.999	4	.997	Normal
	Siang	.913	4	.500	
	Sore	.973	4	.860	
R7	Pagi	.794	4	.092	Normal
	Siang	.851	4	.230	
	Sore	.916	4	.517	
R8	Pagi	.763	4	.051	Normal
	Siang	.945	4	.683	
	Sore	.860	4	.262	
R9	Pagi	.691	4	.009	Tidak Normal
	Siang	.775	4	.065	
	Sore	.904	4	.453	
R10	Pagi	.950	4	.714	Tidak Normal
	Siang	.729	4	.024	
	Sore	.916	4	.517	
R11	Pagi	.989	4	.952	Normal
	Siang	.989	4	.952	
	Sore	.895	4	.406	
	Pagi	.856	4	.245	Normal
	Siang	.982	4	.911	
	Sore	.930	4	.594	
	Pagi	.912	4	.492	Normal
	Siang	.918	4	.528	
	Sore	.927	4	.577	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R5	pagi - siang	-10.250	11.383	5.692	-1.801	3	.170
	siang - sore	7.250	16.860	8.430	.860	3	.453
	pagi - sore	-3.000	8.042	4.021	-.746	3	.510
R6	pagi - siang	-6.500	23.101	11.551	-.563	3	.613
	siang - sore	11.500	15.416	7.708	1.492	3	.233
	pagi - sore	5.000	14.787	7.394	.676	3	.547
R7	pagi - siang	2.500	11.269	5.635	.444	3	.687
	siang - sore	-1.750	10.243	5.121	-.342	3	.755
	pagi - sore	.750	10.308	5.154	.146	3	.894
R8	pagi - siang	1.750	5.500	2.750	.636	3	.570
	siang - sore	-4.000	2.160	1.080	-3.703	3	.034
	pagi - sore	-2.250	3.594	1.797	-1.252	3	.299
R11	pagi - siang	-4.000	9.592	4.796	-.834	3	.465
	siang - sore	-1.000	7.746	3.873	-.258	3	.813
	pagi - sore	-5.000	5.888	2.944	-1.698	3	.188
R12	pagi - siang	4.250	8.057	4.029	1.055	3	.369
	siang - sore	4.000	7.348	3.674	1.089	3	.356
	pagi - sore	8.250	14.796	7.398	1.115	3	.346
R13	pagi - siang	-2.500	5.066	2.533	-.987	3	.396
	siang - sore	-.500	7.937	3.969	-.126	3	.908
	pagi - sore	-3.000	4.082	2.041	-1.470	3	.238

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	-1.826	.068
	siang - sore	-1.604	.109
	pagi - sore	-1.095	.273
R2	pagi - siang	-1.461	.144
	siang - sore	-.730	.465
	pagi - sore	-1.473	.141
R4	pagi - siang	-1.826	.068
	siang - sore	-1.826	.068
	pagi - sore	-1.105	.269
R9	pagi - siang	-.365	.715
	siang - sore	.000	1.000
	pagi - sore	-.552	.581
R10	pagi - siang	-.816	.414



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
	siang - sore	-1.069	.285
	pagi - sore	.000	1.000

Sumber : Hasil Analisis, 2023



Lampiran 14 Uji SPSS Klakson Kendaraan LV

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.775	4	.065	Normal
	Siang	.803	4	.107	
	Sore	.931	4	.598	
R2	Pagi	.776	4	.066	Normal
	Siang	.951	4	.723	
	Sore	.952	4	.726	
R3	Pagi	.840	4	.195	Tidak Normal
	Siang	.676	4	.006	
	Sore	.958	4	.769	
R4	Pagi	.997	4	.989	Normal
	Siang	.916	4	.513	
	Sore	.958	4	.764	
R5	Pagi	.946	4	.689	Normal
	Siang	.801	4	.103	
	Sore	.891	4	.389	
R6	Pagi	.986	4	.937	Normal
	Siang	.923	4	.555	
	Sore	.961	4	.783	
R7	Pagi	.976	4	.879	Tidak Normal
	Siang	.630	4	.001	
	Sore	.844	4	.206	
R8	Pagi	.831	4	.171	Normal
	Siang	.979	4	.894	
	Sore	.828	4	.163	
R9	Pagi	.857	4	.250	Normal
	Siang	.961	4	.783	
	Sore	.842	4	.200	
R10	Pagi	.933	4	.611	Normal
	Siang	.882	4	.348	
	Sore	.984	4	.925	
R11	Pagi	.957	4	.761	Tidak Normal
	Siang	.829	4	.164	
	Sore	.744	4	.034	
	Pagi	.995	4	.983	Normal
	Siang	.763	4	.051	
	Sore	.911	4	.487	
	Pagi	.927	4	.574	Normal
	Siang	.936	4	.632	
	Sore	.916	4	.512	



2. Uji Paired Sample T-Test

Titik Pengukuran	Waktu Pengukuran	Paired Differences			t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean			
R1	pagi - siang	13.000	39.183	19.592	.664	3	.554
	siang - sore	16.000	29.777	14.888	1.075	3	.361
	pagi - sore	29.000	18.129	9.065	3.199	3	.049
R2	pagi - siang	1.250	19.602	9.801	.128	3	.907
	siang - sore	-4.750	9.912	4.956	-.958	3	.409
	pagi - sore	-3.500	17.842	8.921	-.392	3	.721
R4	pagi - siang	-5.750	9.535	4.768	-1.206	3	.314
	siang - sore	5.750	10.751	5.375	1.070	3	.363
	pagi - sore	.000	5.477	2.739	.000	3	1.000
R5	pagi - siang	-11.250	9.500	4.750	-2.368	3	.099
	siang - sore	4.750	6.397	3.198	1.485	3	.234
	pagi - sore	-6.500	8.660	4.330	-1.501	3	.230
R6	pagi - siang	.250	20.581	10.291	.024	3	.982
	siang - sore	-4.250	11.644	5.822	-.730	3	.518
	pagi - sore	-4.000	11.343	5.672	-.705	3	.531
R8	pagi - siang	1.000	6.782	3.391	.295	3	.787
	siang - sore	-6.000	11.165	5.583	-1.075	3	.361
	pagi - sore	-5.000	10.231	5.115	-.977	3	.400
R9	pagi - siang	15.250	3.948	1.974	7.726	3	.005
	siang - sore	-13.750	14.975	7.487	-1.836	3	.164
	pagi - sore	1.500	13.379	6.690	.224	3	.837
R10	pagi - siang	1.250	11.177	5.588	.224	3	.837
	siang - sore	-2.750	7.136	3.568	-.771	3	.497
	pagi - sore	-1.500	14.754	7.377	-.203	3	.852
R13	pagi - siang	-3.250	19.873	9.936	-.327	3	.765
	siang - sore	4.000	12.623	6.311	.634	3	.571
	pagi - sore	.750	16.500	8.250	.091	3	.933

Sumber : Hasil Analisis, 2023

3. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R3	pagi - siang	-.368	.713
	siang - sore	-.365	.715
	pagi - sore	-.184	.854
R7	pagi - siang	-.730	.465
	siang - sore	-1.461	.144
	pagi - sore	-1.633	.102
R11	pagi - siang	-1.461	.144



Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R12	siang - sore	-.730	.465
	pagi - sore	-1.461	.144
	pagi - siang	-1.841	.066
	siang - sore	-.365	.715
	pagi - sore	-1.095	.273

Sumber : Hasil Analisis, 2023



Lampiran 15 Uji SPSS Klakson Kendaraan HV Truk

1. Uji Normalitas

Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	.993	4	.972	Tidak Normal
	Siang	.993	4	.972	
	Sore	.729	4	.024	
R2	Pagi	.827	4	.161	Tidak Normal
	Siang	.630	4	.001	
	Sore	*	*	*	
R3	Pagi	.848	4	.220	Tidak Normal
	Siang	.945	4	.683	
	Sore	.744	4	.034	
R4	Pagi	*	*	*	Tidak Normal
	Siang	.630	4	.001	
	Sore	.848	4	.220	
R5	Pagi	*	*	*	Tidak Normal
	Siang	*	*	*	
	Sore	*	*	*	
R6	Pagi	*	*	*	Tidak Normal
	Siang	.945	4	.683	
	Sore	.863	4	.272	
R7	Pagi	.630	4	.001	Tidak Normal
	Siang	.895	4	.406	
	Sore	.827	4	.161	
R8	Pagi	.630	4	.001	Tidak Normal
	Siang	.863	4	.272	
	Sore	.630	4	.001	
R9	Pagi	.630	4	.001	Tidak Normal
	Siang	.630	4	.001	
	Sore	.827	4	.161	
R10	Pagi	.630	4	.001	Tidak Normal
	Siang	.729	4	.024	
	Sore	.630	4	.001	
R11	Pagi	.630	4	.001	Tidak Normal
	Siang	.630	4	.001	
	Sore	.860	4	.262	
	Pagi	*	*	*	Tidak Normal
	Siang	.863	4	.272	
	Sore	.827	4	.161	
	Pagi	*	*	*	Tidak Normal
	Siang	.840	4	.195	
	Sore	.630	4	.001	



2. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	-.378	.705
	siang - sore	-.272	.785
	pagi - sore	-.552	.581
R2	pagi - siang	.000	1.000
	siang - sore	-1.000	.317
	pagi - sore	-1.342	.180
R3	pagi - siang	-.272	.785
	siang - sore	.000	1.000
	pagi - sore	.000	1.000
R4	pagi - siang	-1.000	.317
	siang - sore	-1.069	.285
	pagi - sore	-1.342	.180
R5	pagi - siang	.000	1.000
	siang - sore	.000	1.000
	pagi - sore	.000	1.000
R6	pagi - siang	-1.633	.102
	siang - sore	-.577	.564
	pagi - sore	-1.342	.180
R7	pagi - siang	-.368	.713
	siang - sore	-1.342	.180
	pagi - sore	.000	1.000
R8	pagi - siang	-.447	.655
	siang - sore	.000	1.000
	pagi - sore	-.447	.655
R9	pagi - siang	-.447	.655
	siang - sore	-1.069	.285
	pagi - sore	-1.342	.180
R10	pagi - siang	-1.089	.276
	siang - sore	.000	1.000
	pagi - sore	-.447	.655
R11	pagi - siang	.000	1.000
	siang - sore	-1.069	.285
	pagi - sore	-1.342	.180
R12	pagi - siang	-1.342	.180
	siang - sore	-.272	.785
	pagi - sore	-1.342	.180
R13	pagi - siang	-1.633	.102
	siang - sore	-1.342	.180
	pagi - sore	-1.000	.317



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Lampiran 16 Uji SPSS Klakson Kendaraan HV Bus

1. Uji Normalitas

.Titik Pengukuran	Waktu Pengamatan	Shapiro-Wilk			Keterangan
		Statistic	N	Sig.	
R1	Pagi	*	*	*	Tidak Normal
	Siang	*	*	*	
	Sore	.630	4	.001	
R2	Pagi	.630	4	.001	Tidak Normal
	Siang	*	*	*	
	Sore	.630	4	.001	
R3	Pagi	.630	4	.001	Tidak Normal
	Siang	*	*	*	
	Sore	.729	4	.024	
R4	Pagi	*	*	*	Tidak Normal
	Siang	*	*	*	
	Sore	*	*	*	
R5	Pagi	*	*	*	Tidak Normal
	Siang	*	*	*	
	Sore	.630	4	.001	
R6	Pagi	.630	4	.001	Tidak Normal
	Siang	*	*	*	
	Sore	.630	4	.001	
R7	Pagi	*	*	*	Tidak Normal
	Siang	.882	4	.348	
	Sore	*	*	*	
R8	Pagi	.863	4	.272	Tidak Normal
	Siang	.630	4	.001	
	Sore	.971	4	.850	
R9	Pagi	.630	4	.001	Tidak Normal
	Siang	.630	4	.001	
	Sore	.630	4	.001	
R10	Pagi	.630	4	.001	Tidak Normal
	Siang	.630	4	.001	
	Sore	.630	4	.001	
R11	Pagi	*	*	*	Tidak Normal
	Siang	*	*	*	
	Sore	.763	4	.051	
	Pagi	.863	4	.272	Tidak Normal
	Siang	.630	4	.001	
	Sore	*	*	*	
	Pagi	.630	4	.001	Tidak Normal
	Siang	.630	4	.001	
	Sore	.791	4	.086	



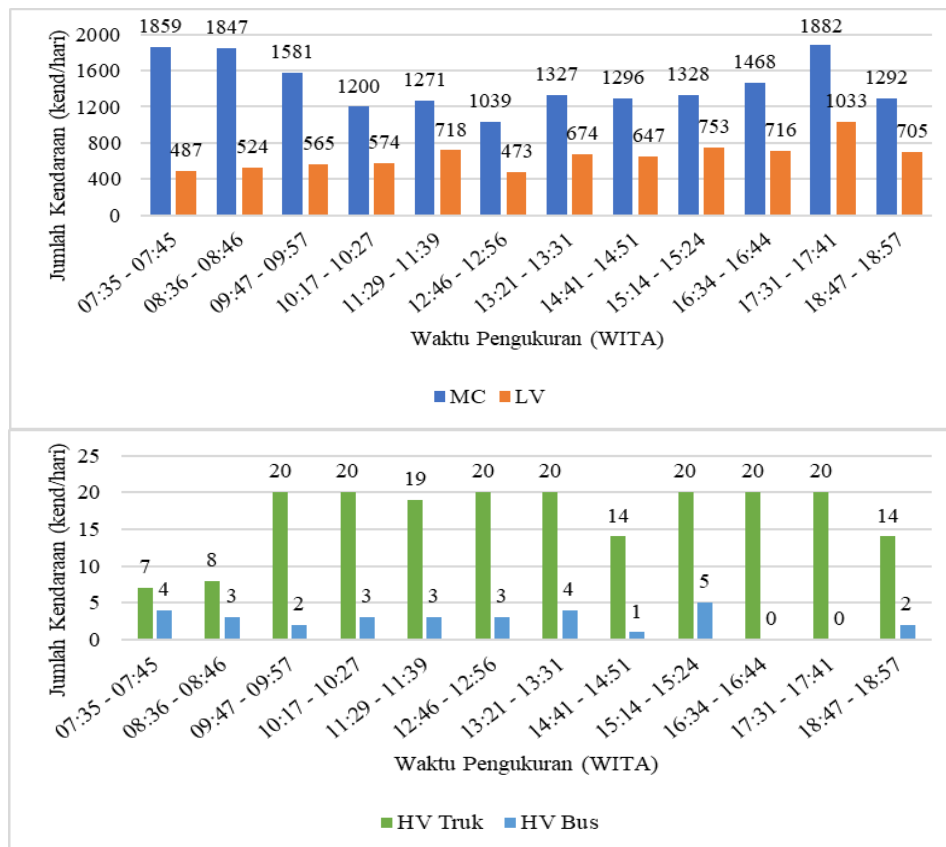
2. Uji Wilcoxon Signed Rank Test

Titik Pengukuran	Waktu Pengukuran	Z	Asymp. Sig. (2-tailed)
R1	pagi - siang	.000	1.000
	siang - sore	-1.000	.317
	pagi - sore	-1.000	.317
R2	pagi - siang	-1.000	.317
	siang - sore	-1.000	.317
	pagi - sore	.000	1.000
R3	pagi - siang	-1.000	.317
	siang - sore	-1.414	.157
	pagi - sore	.000	1.000
R4	pagi - siang	.000	1.000
	siang - sore	.000	1.000
	pagi - sore	.000	1.000
R5	pagi - siang	.000	1.000
	siang - sore	-1.000	.317
	pagi - sore	-1.000	.317
R6	pagi - siang	-1.000	.317
	siang - sore	-1.000	.317
	pagi - sore	-.447	.655
R7	pagi - siang	-1.604	.109
	siang - sore	-1.604	.109
	pagi - sore	.000	1.000
R8	pagi - siang	-.816	.414
	siang - sore	-1.633	.102
	pagi - sore	-.743	.458
R9	pagi - siang	-1.000	.317
	siang - sore	-.447	.655
	pagi - sore	.000	1.000
R10	pagi - siang	-1.000	.317
	siang - sore	-.447	.655
	pagi - sore	-.447	.655
R11	pagi - siang	.000	1.000
	siang - sore	-1.342	.180
	pagi - sore	-1.342	.180
R12	pagi - siang	-1.000	.317
	siang - sore	-1.000	.317
	pagi - sore	-1.342	.180
R13	pagi - siang	-.447	.655
	siang - sore	-.447	.655
	pagi - sore	-.535	.593

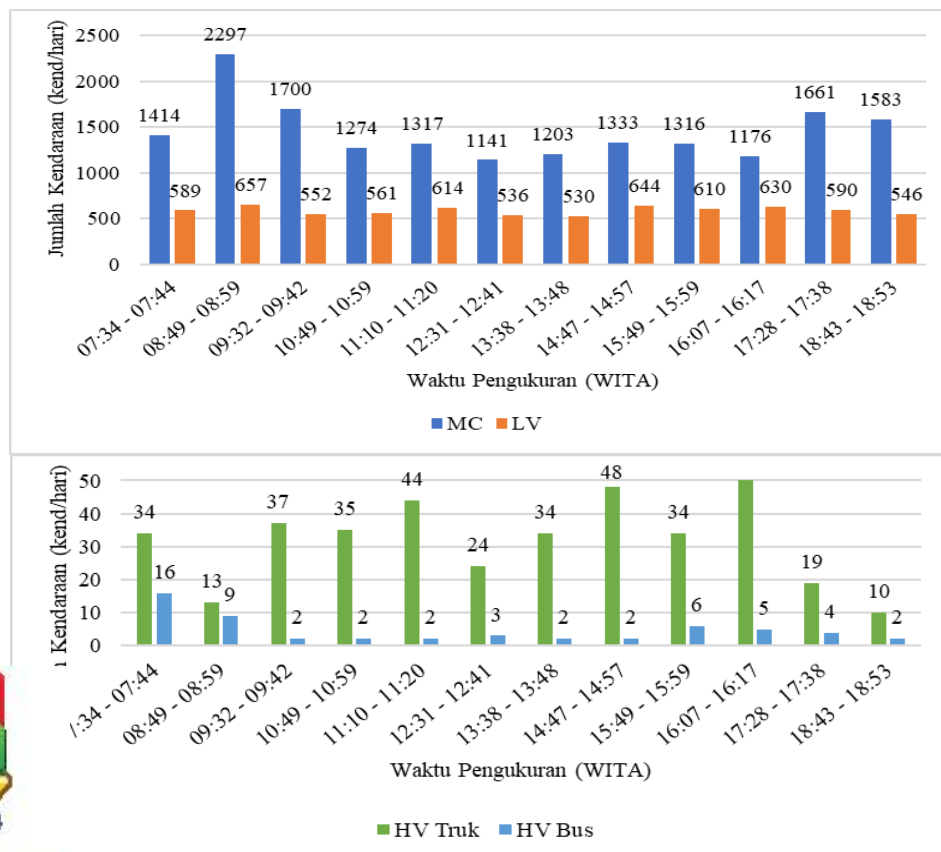


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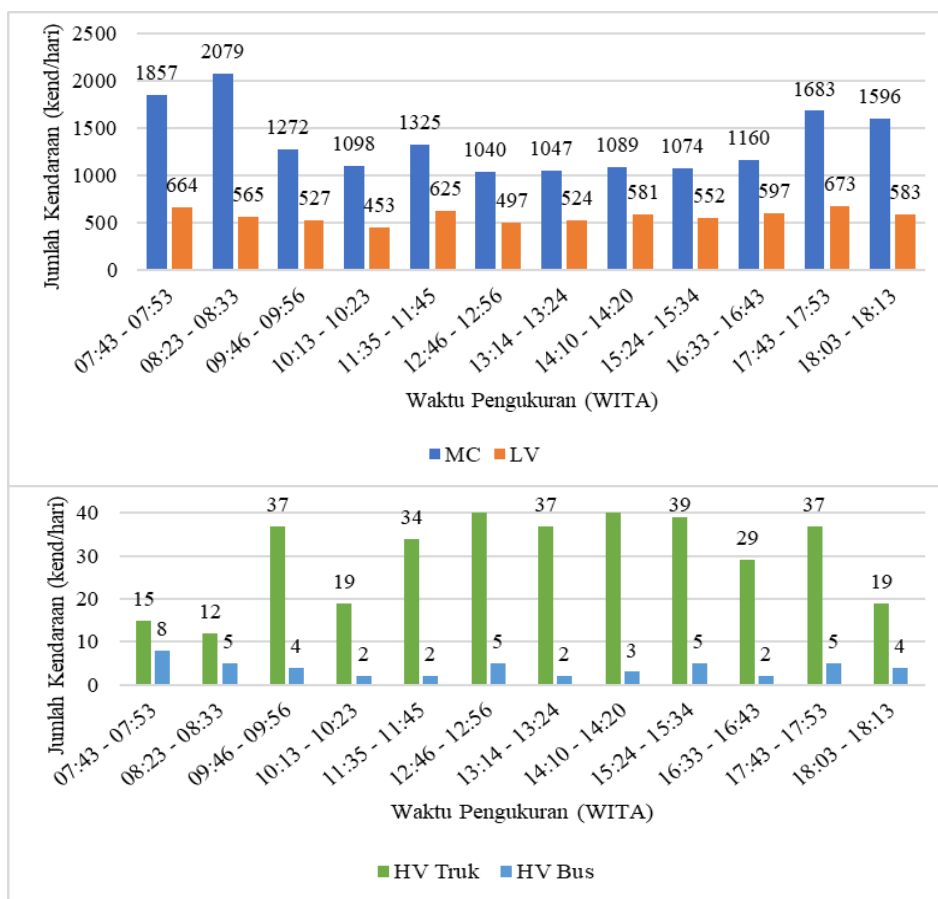
Lampiran 17 Volume Lalu Lintas



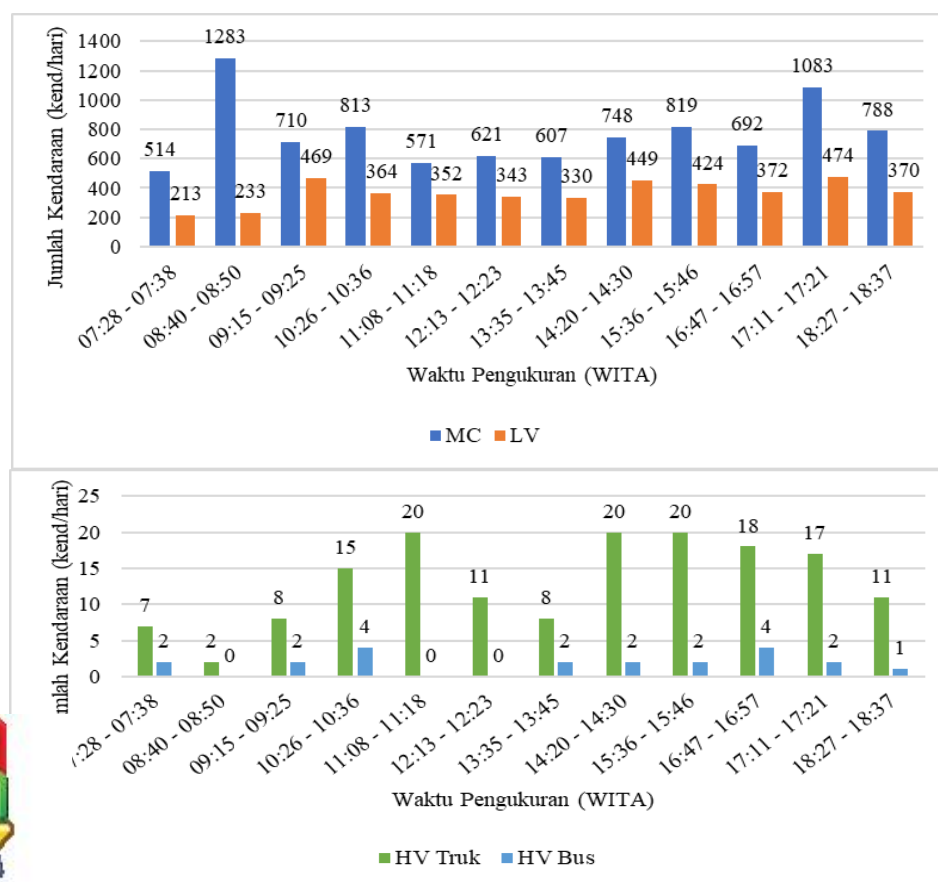
Titik Pengukuran R1 (Jalan A.P Pettarani)



Titik Pengukuran R2 (Jalan Perintis Kemerdekaan)

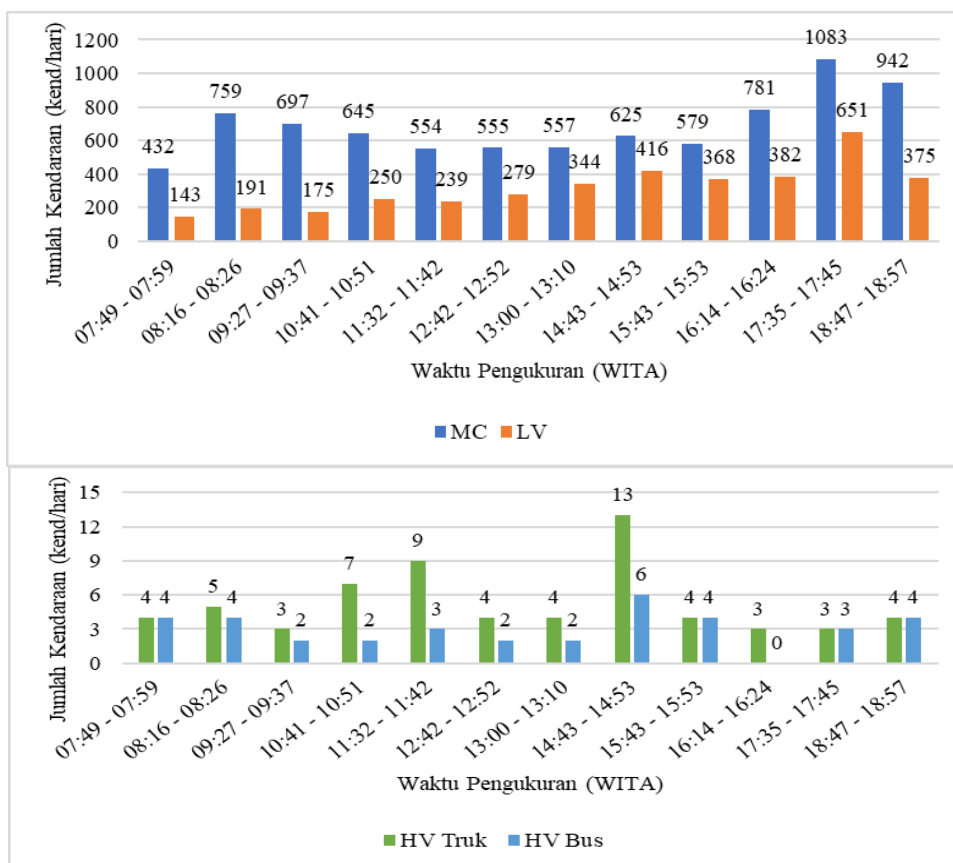


Titik Pengukuran R3 (Jalan Urip Sumoharjo)



Titik Pengukuran R4 (Jalan Letjen Hertasning)



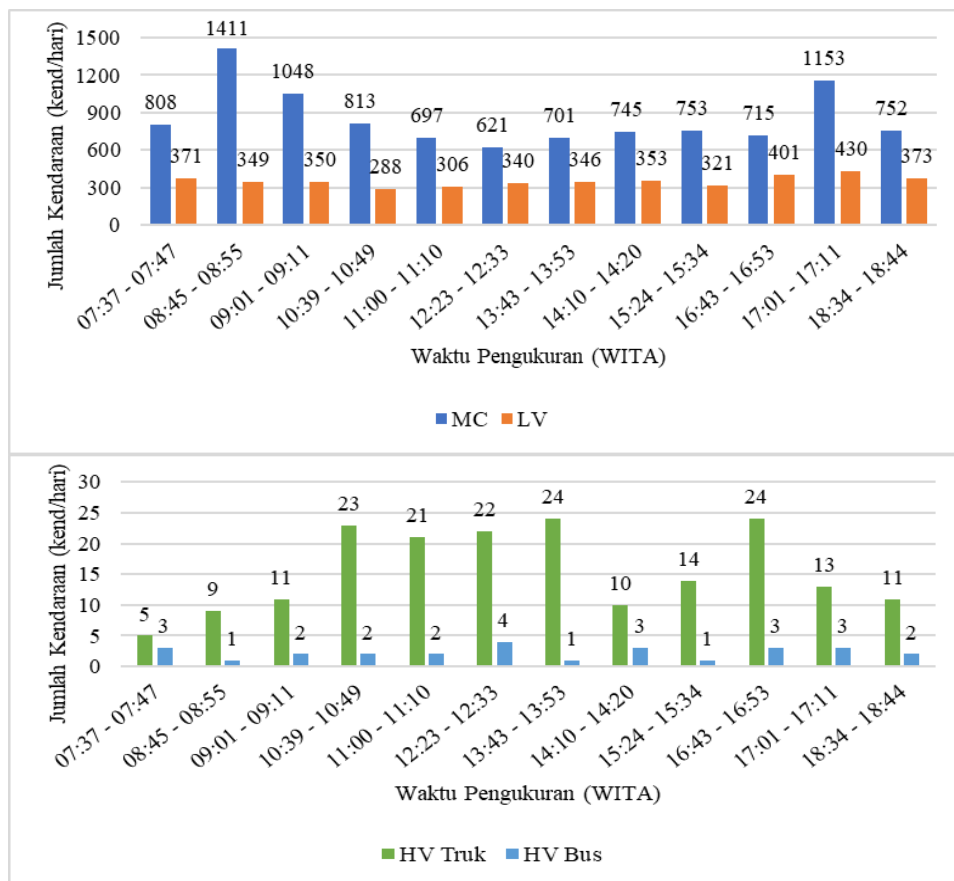


Titik Pengukuran R5 (Jalan Boulevard)

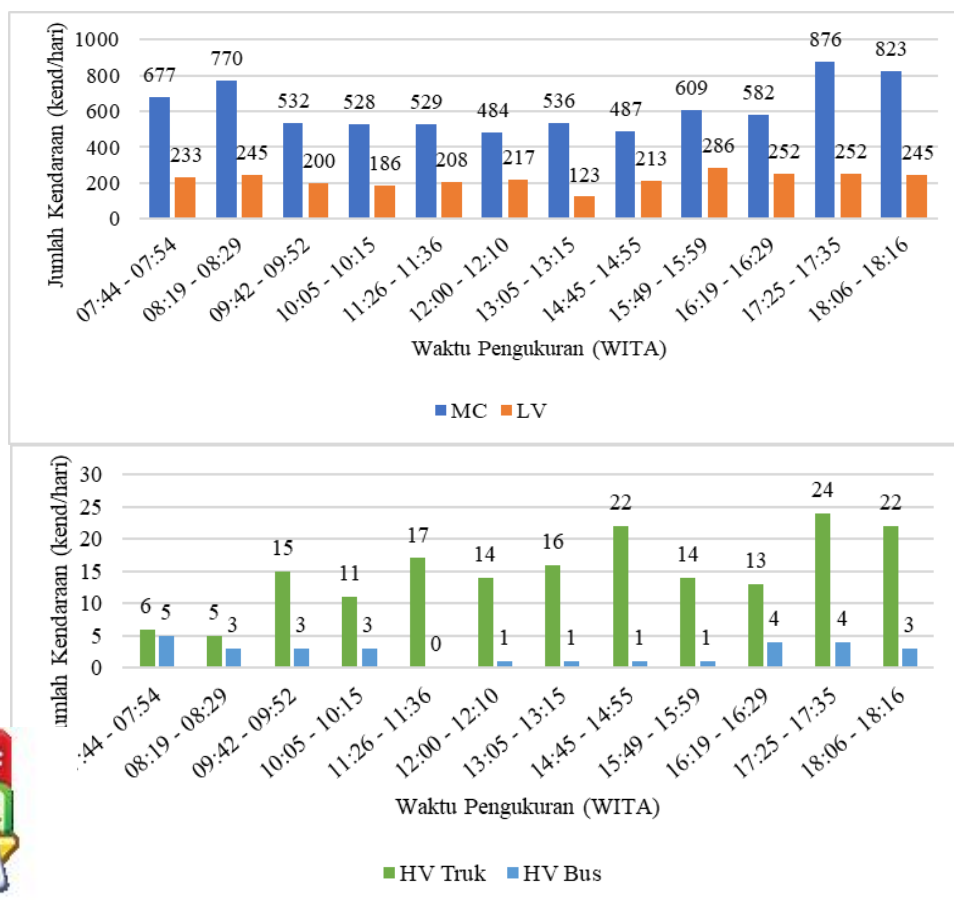


Titik Pengukuran R6 (Jalan Veteran Selatan)

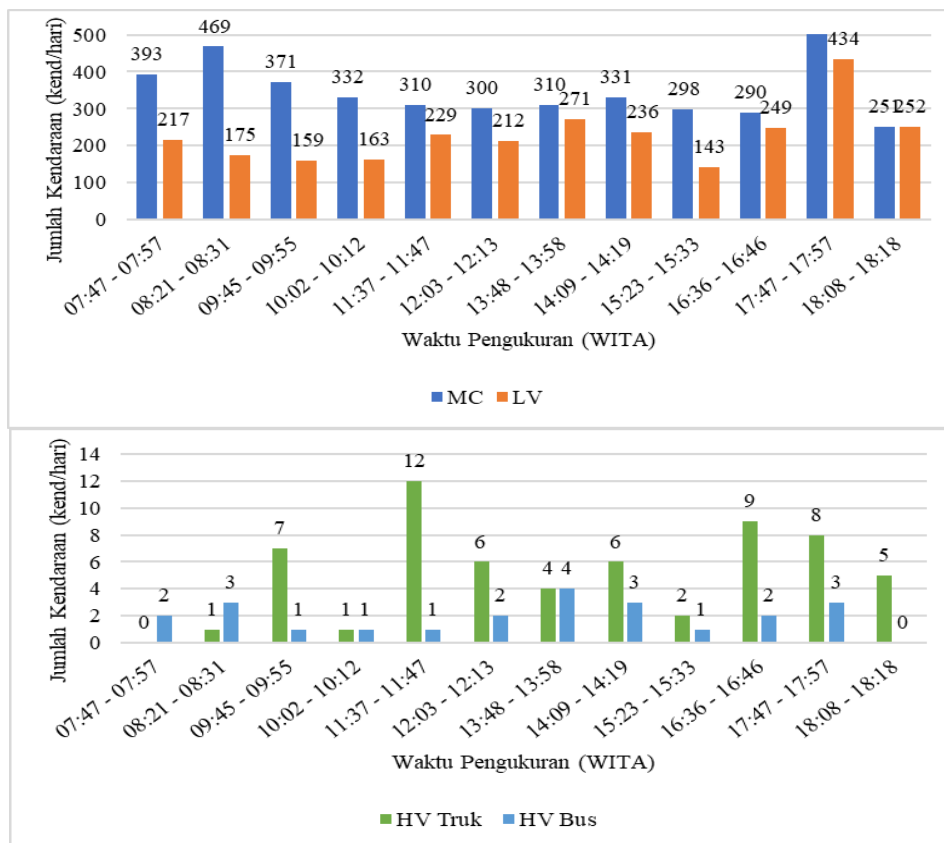




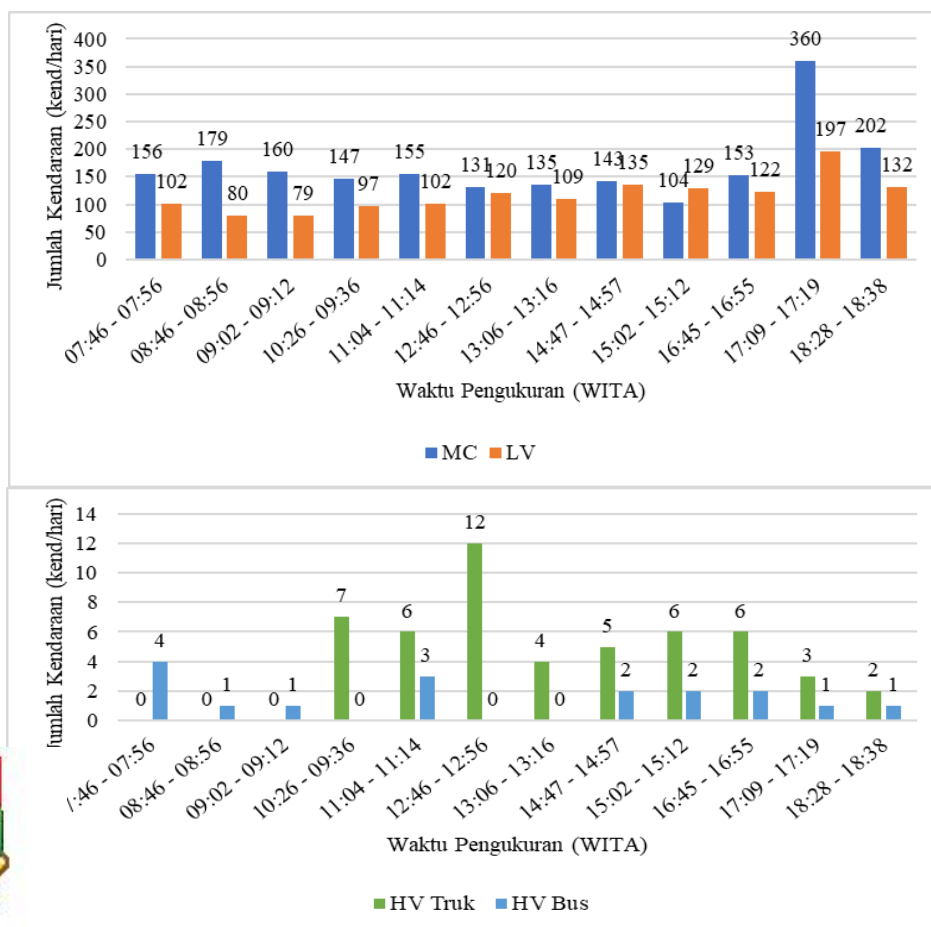
Titik Pengukuran R7 (Jalan Aroepala)



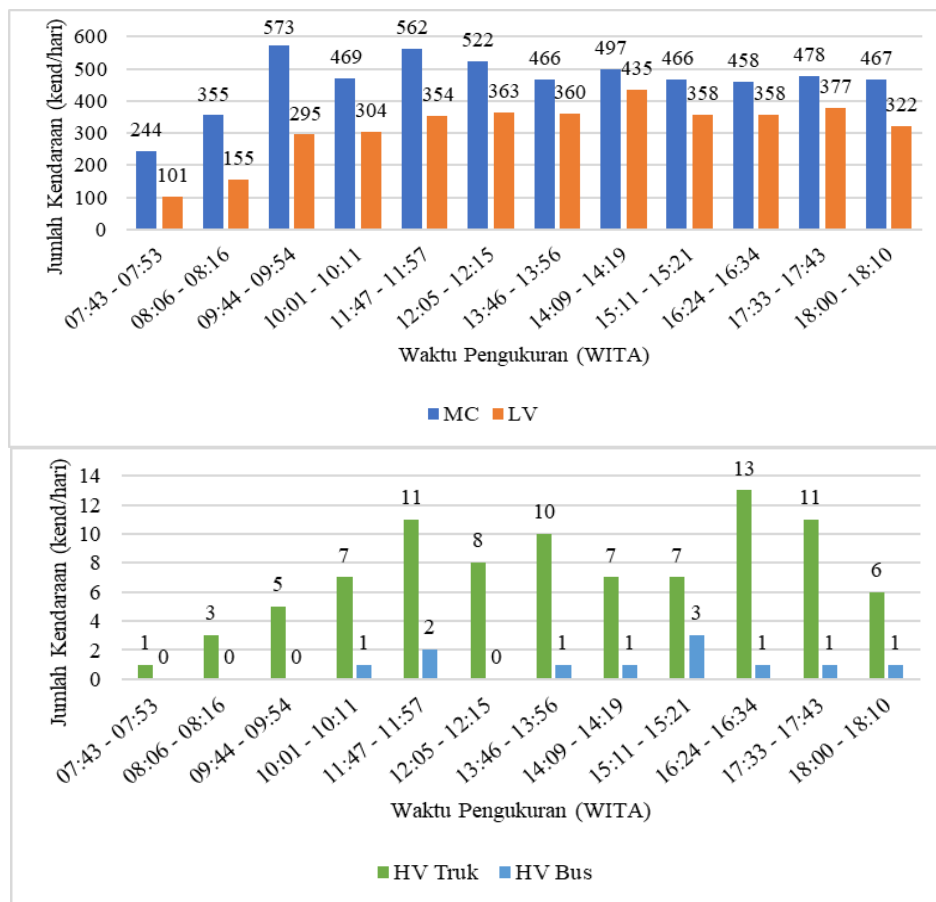
Titik Pengukuran R8 (Jalan Tun Abdul Razak)



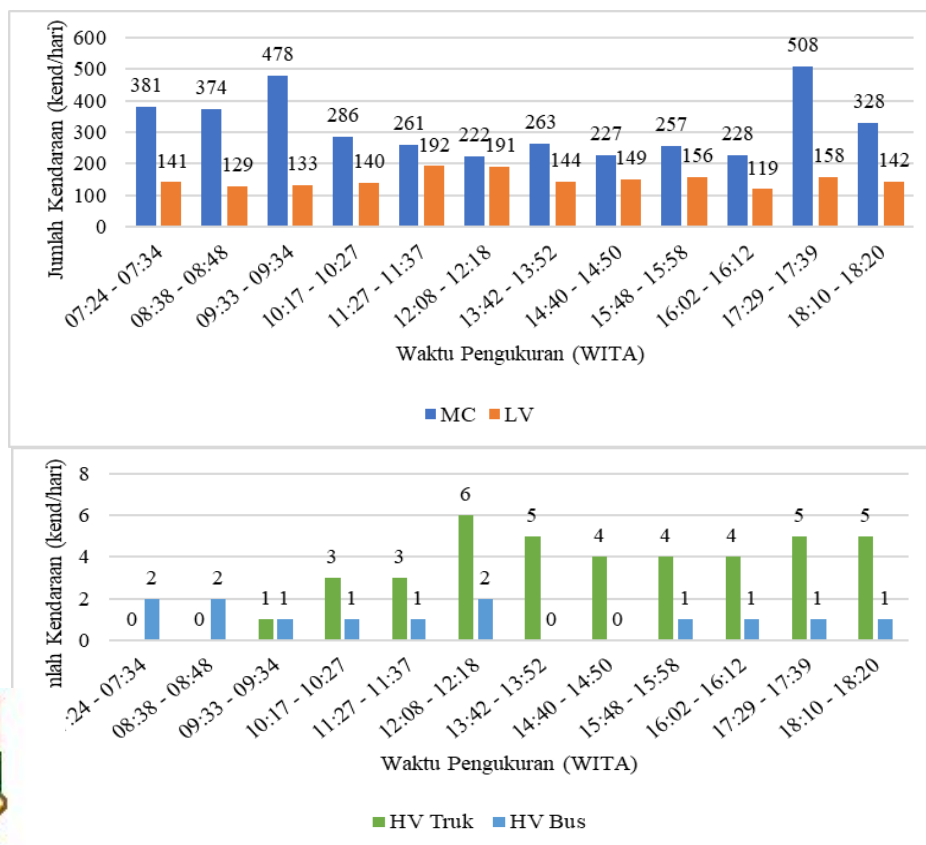
Titik Pengukuran R9 (Jalan Arief Ratte)



Titik Pengukuran R10 (Jalan H. Bau)



Titik Pengukuran R11 (Jalan Ahmad Yani)



Titik Pengukuran R12 (Jalan Sungai Saddang)

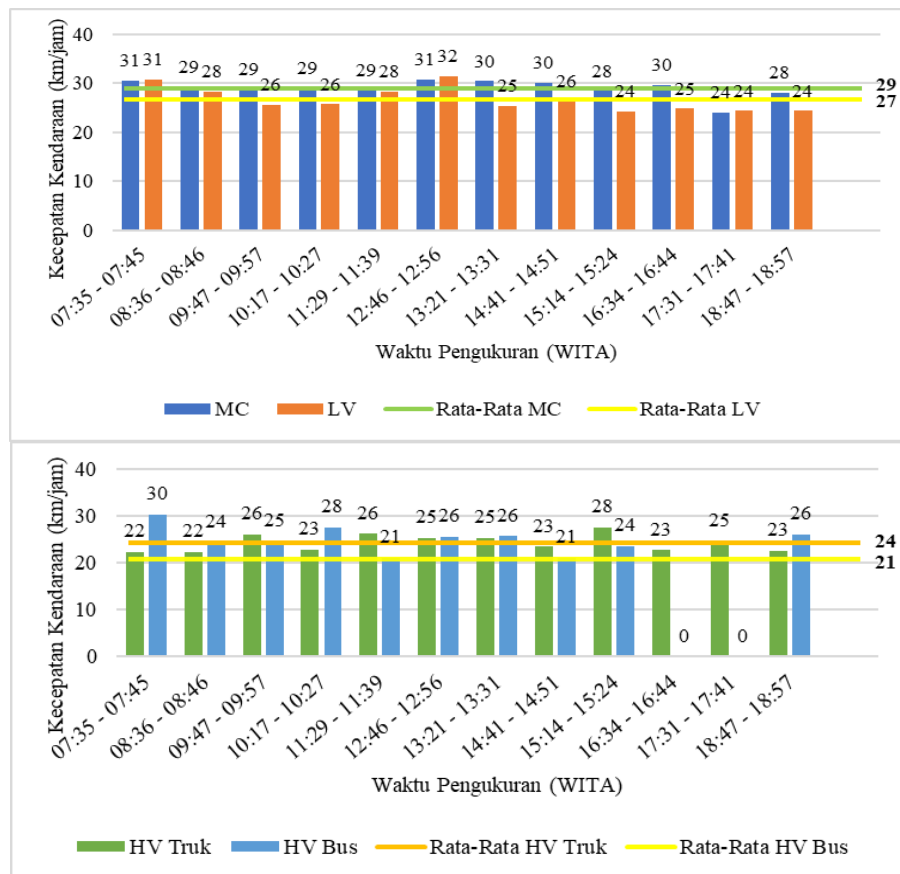




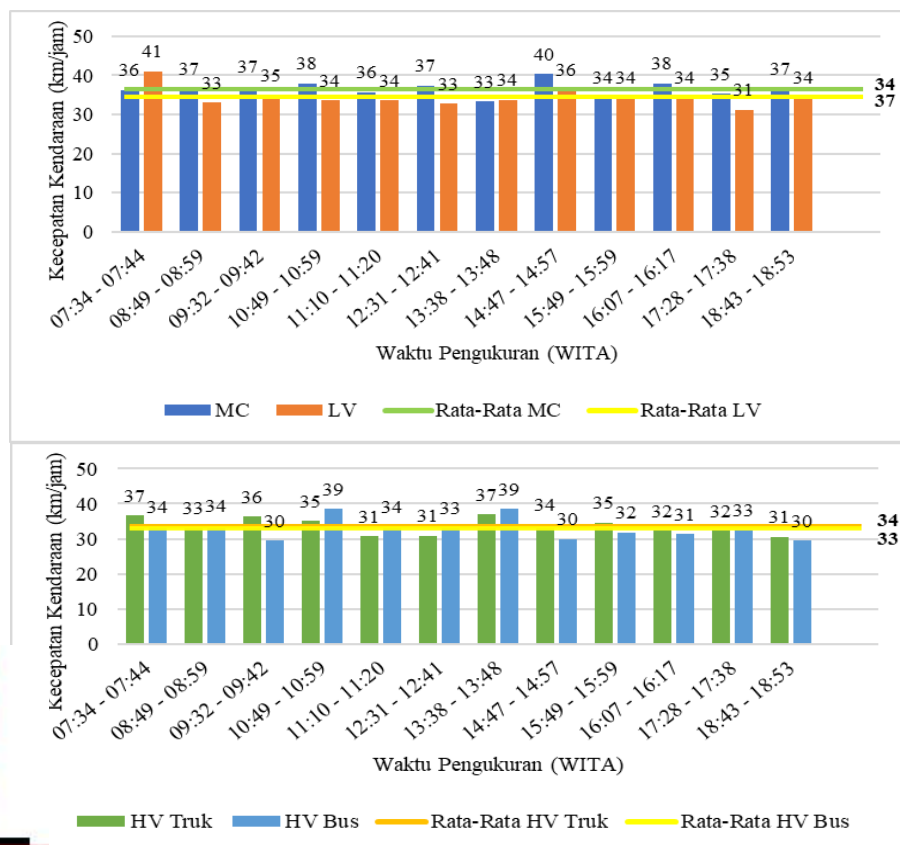
Titik Pengukuran R13 (Jalan Penghibur)

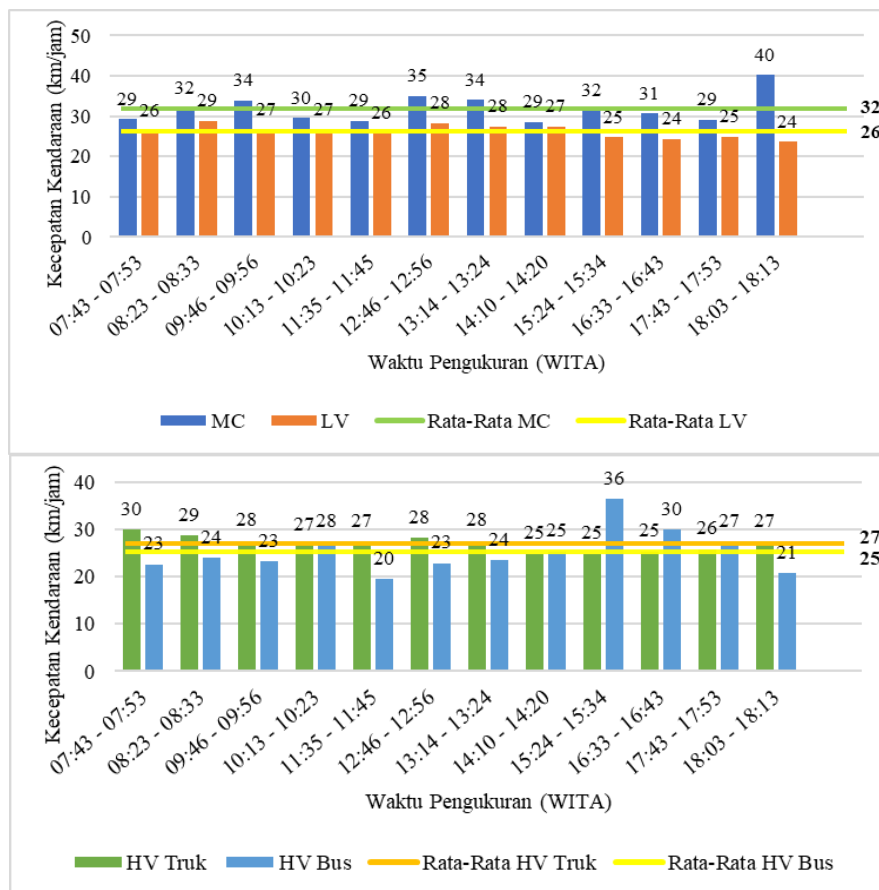


Lampiran 18 Kecepatan Kendaraan

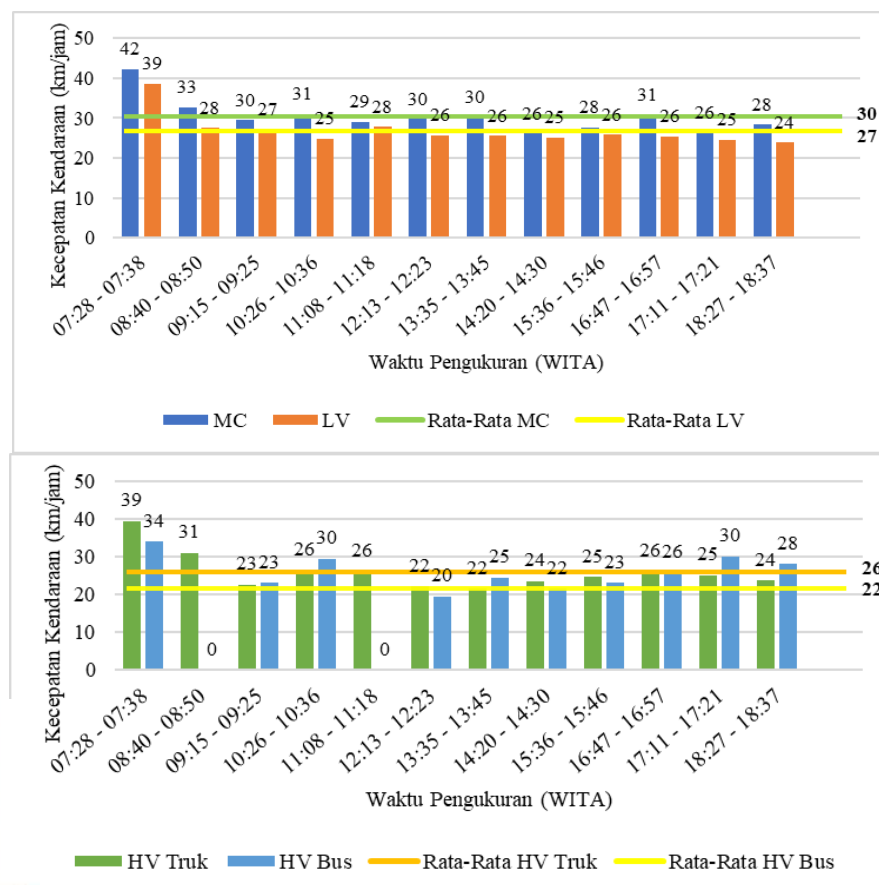


Titik Pengukuran R1 (Jalan A.P Pettarani)



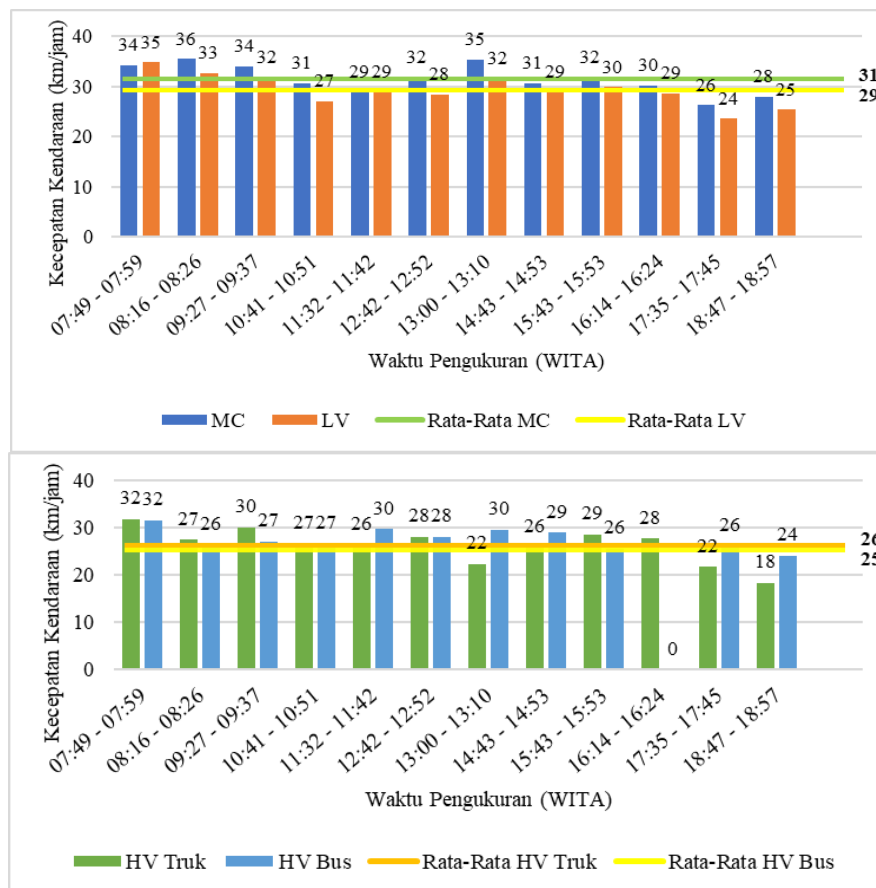


Titik Pengukuran R3 (Jalan Urip Sumoharjo)

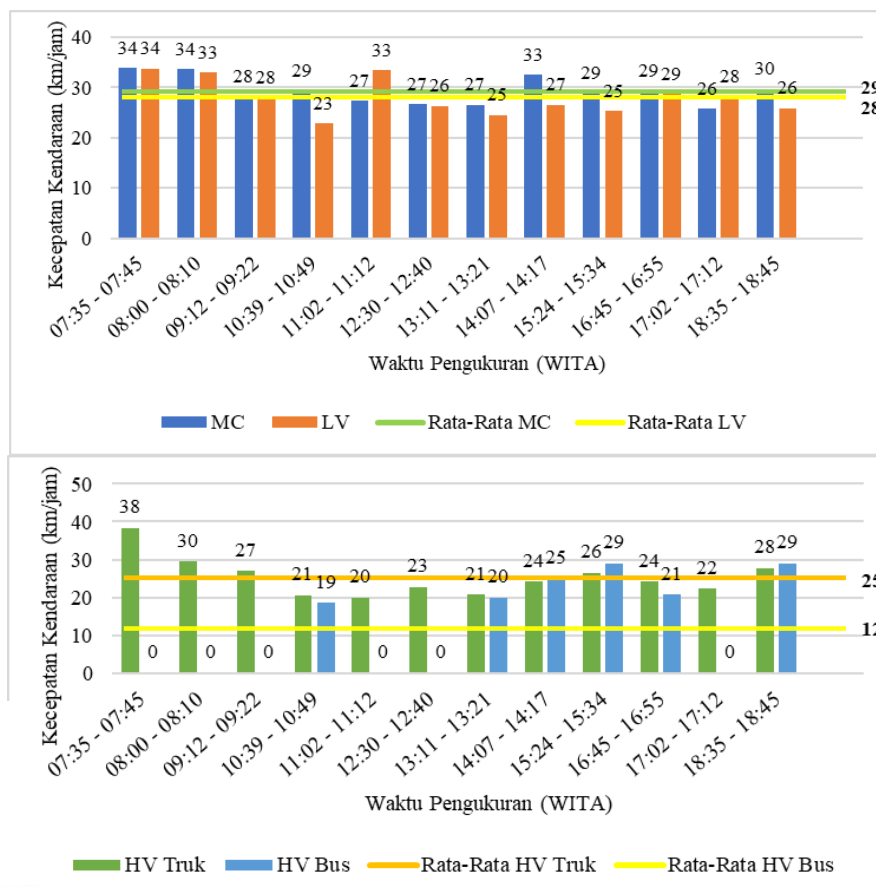


Titik Pengukuran R4 (Jalan Letjen Hertasning)



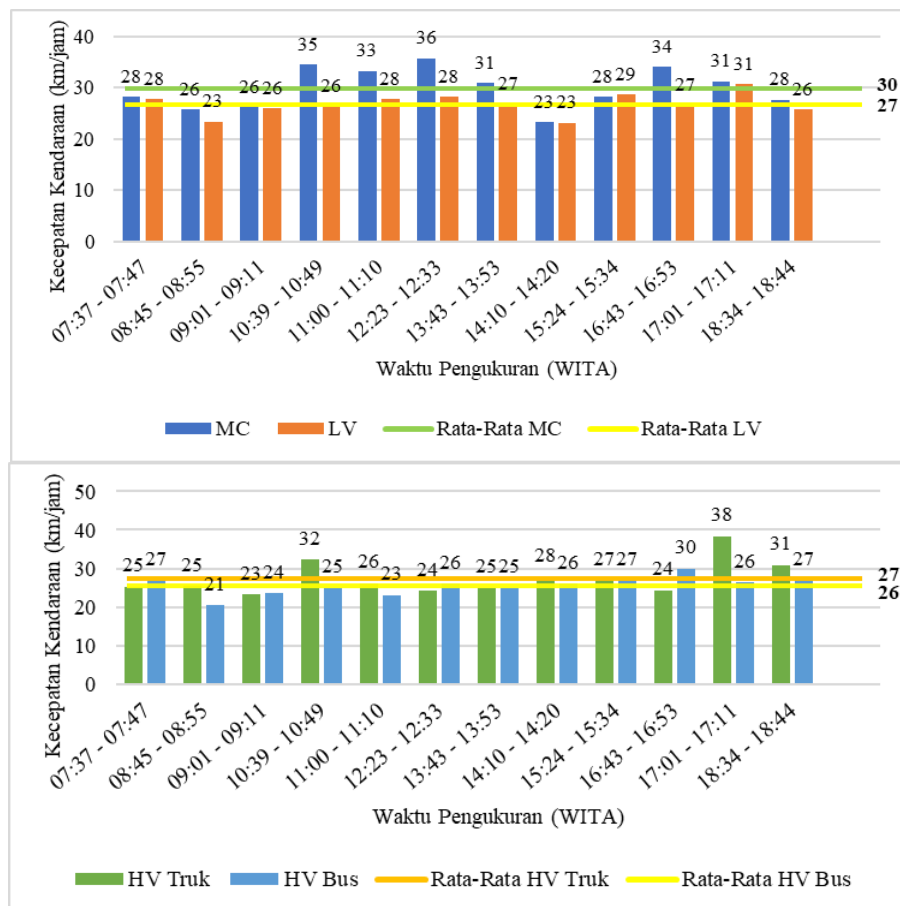


Titik Pengukuran R5 (Jalan Boulevard)

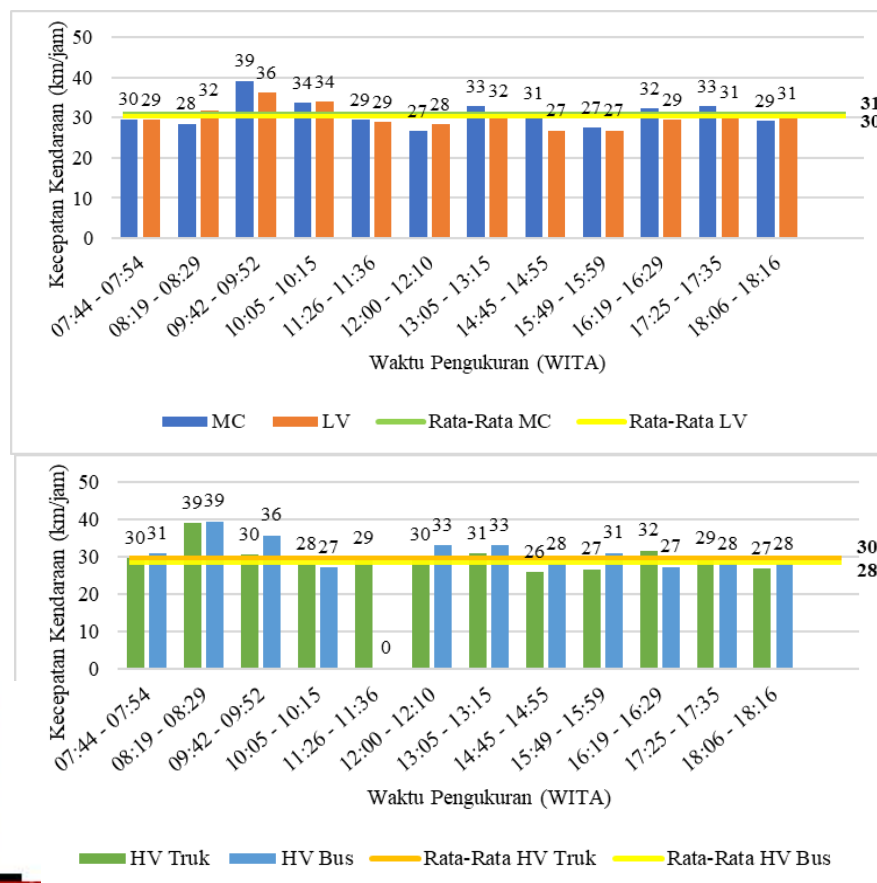


Titik Pengukuran R6 (Jalan Veteran Selatan)



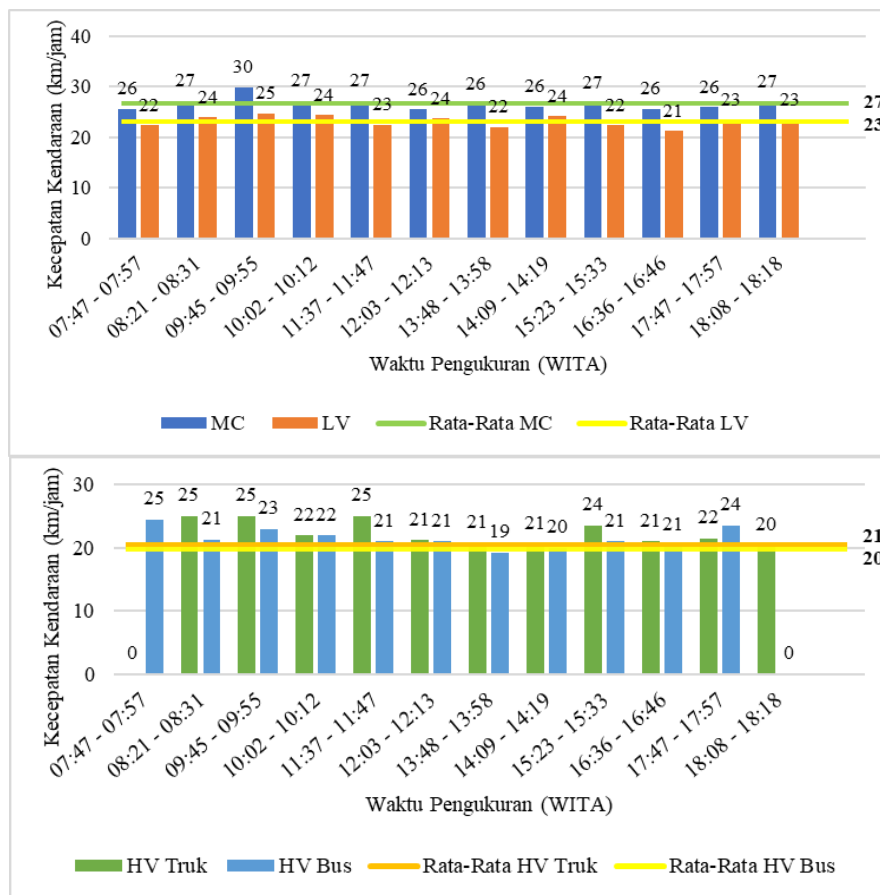


Titik Pengukuran R7 (Jalan Aroepala)

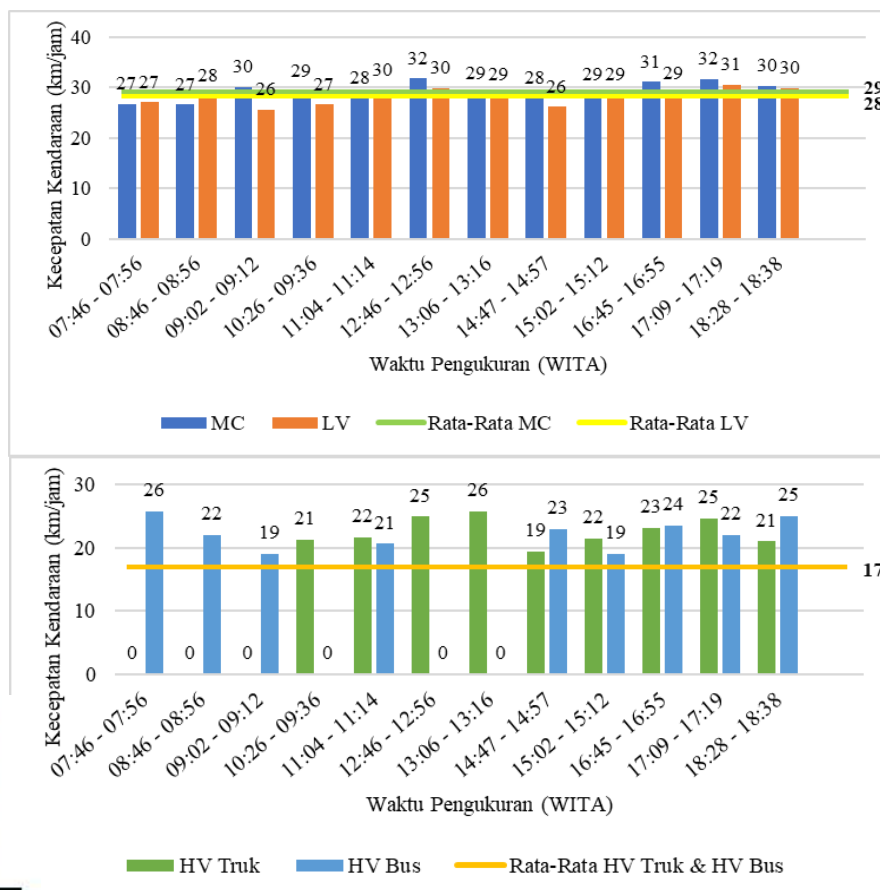


Titik Pengukuran R8 (Jalan Tun Abdul Razak)



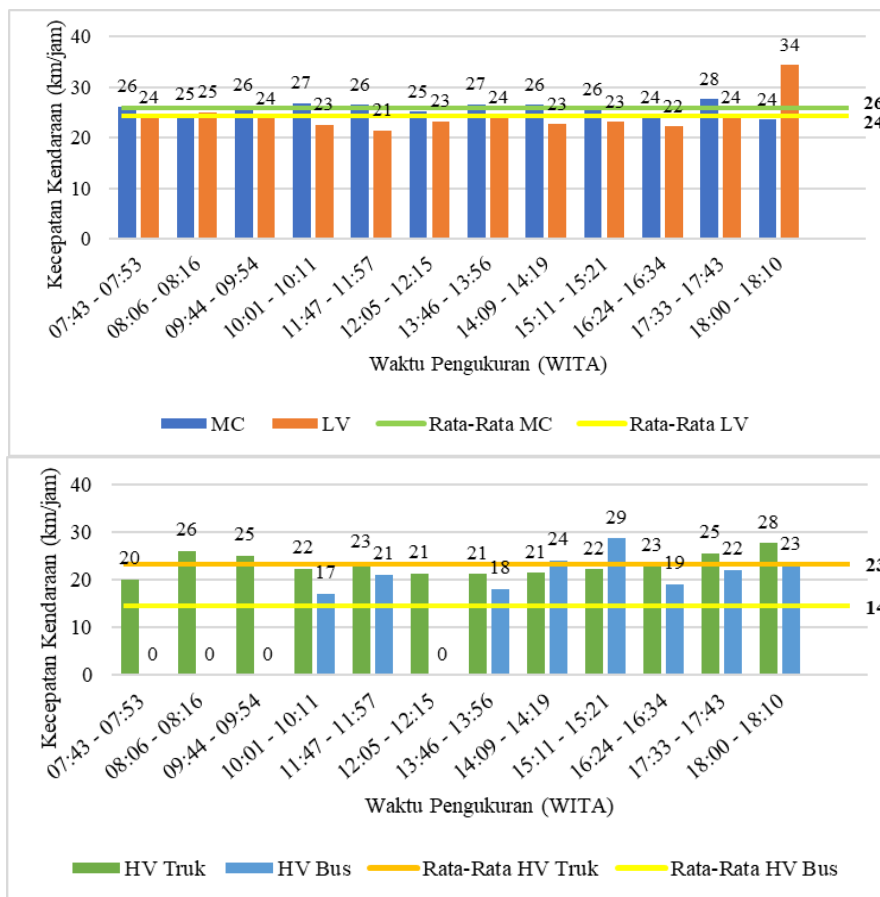


Titik Pengukuran R9 (Jalan Arief Ratte)

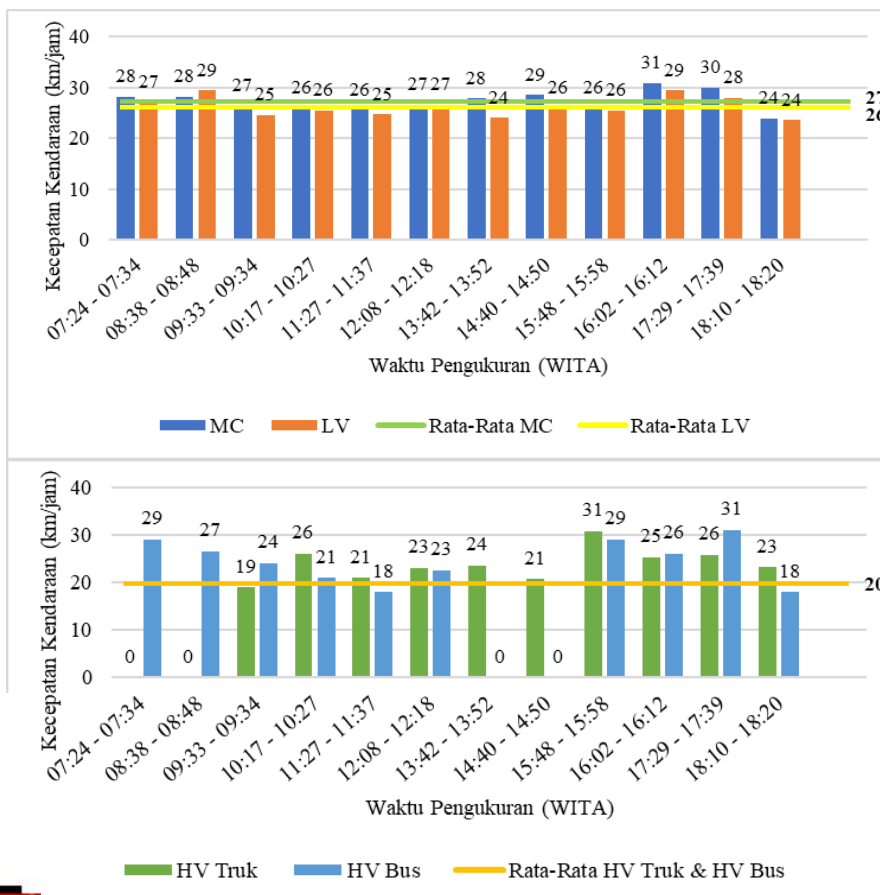


Titik Pengukuran R10 (Jalan H.Bau)



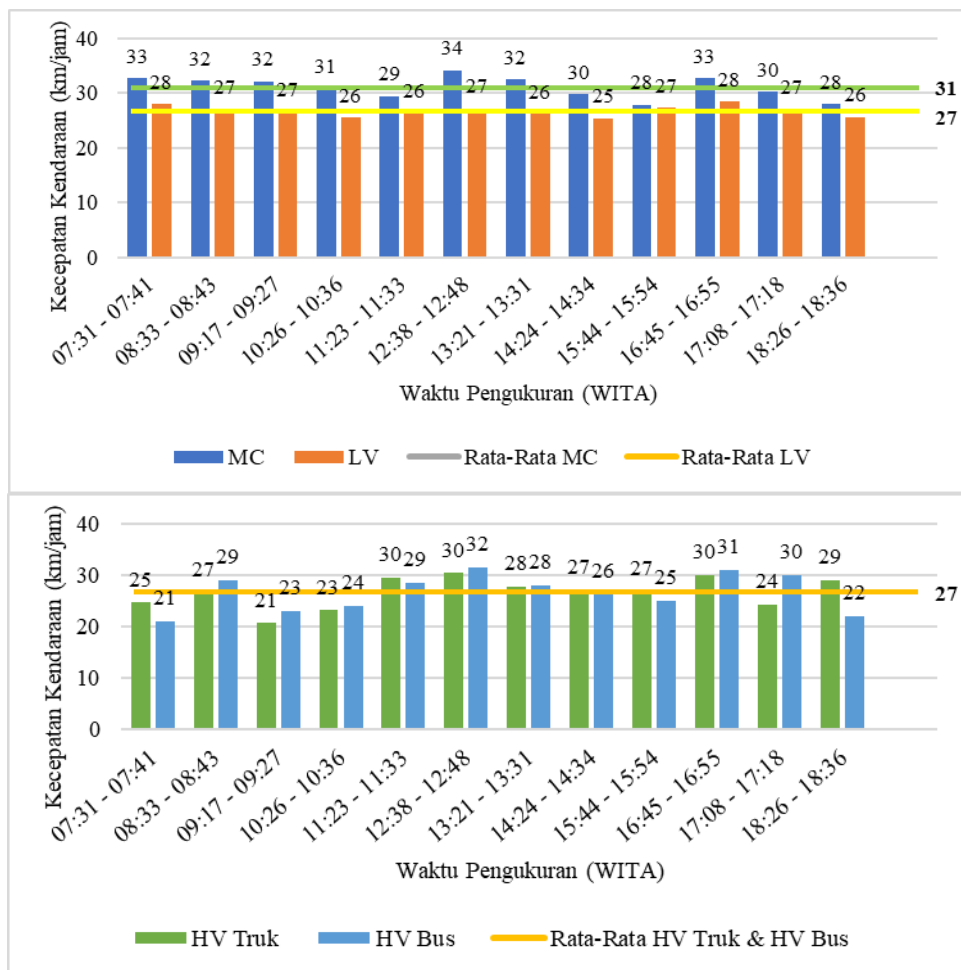


Titik Pengukuran R11 (Jalan Ahmad Yani)



Titik Pengukuran R12 (Jalan Sungai Saddang)

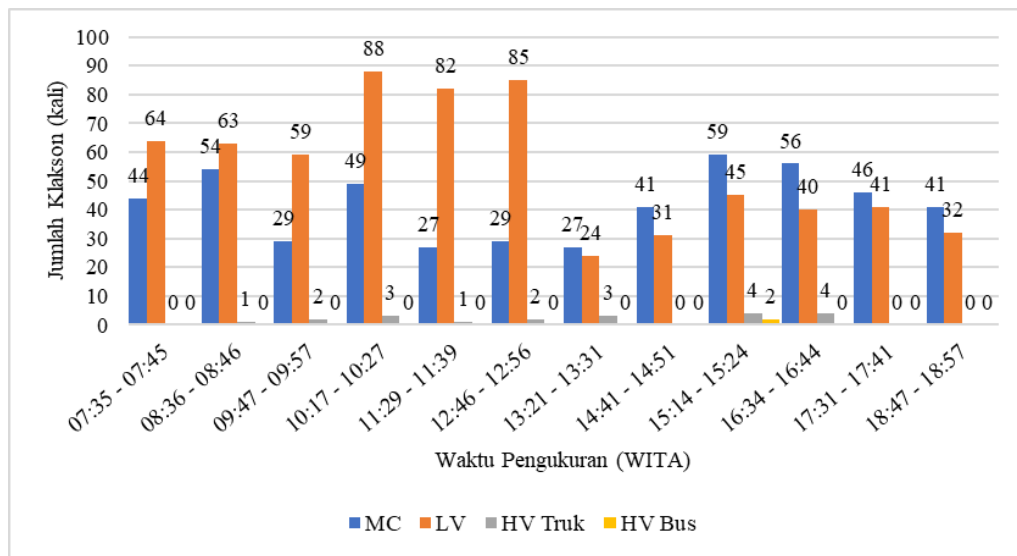




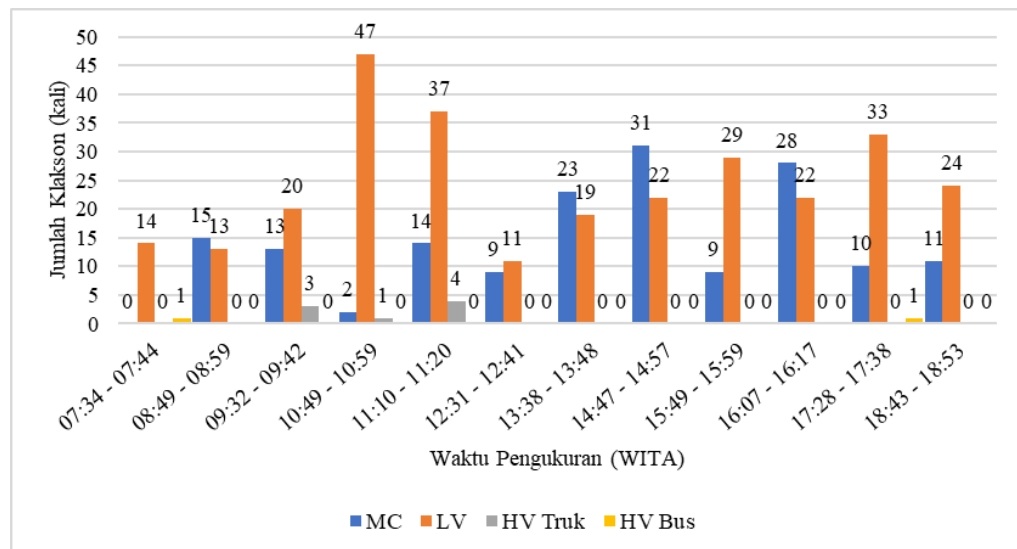
Titik Pengukuran R13 (Jalan Penghibur)



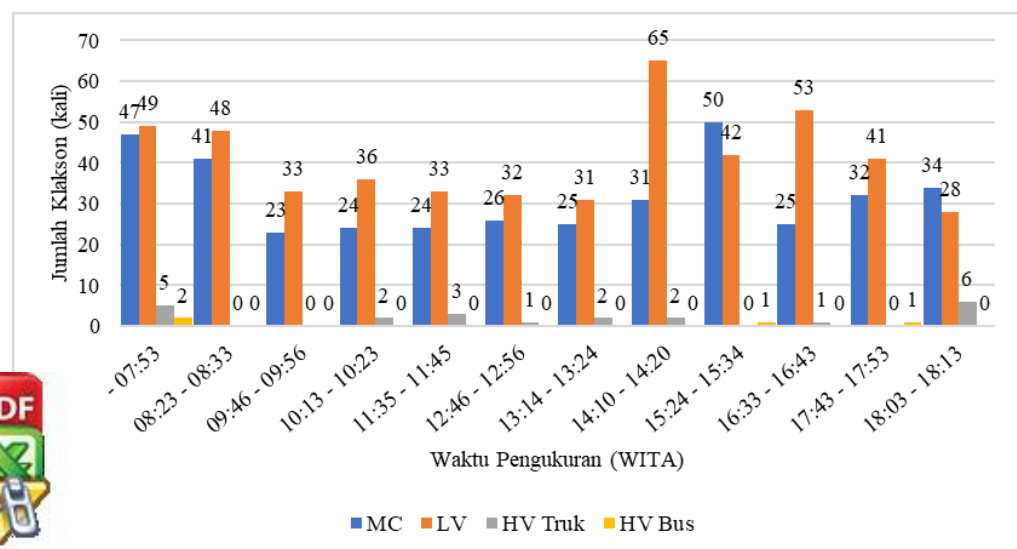
Lampiran 19 Jumlah Klakson



Titik Pengukuran R1 (Jalan A.P Pettarani)

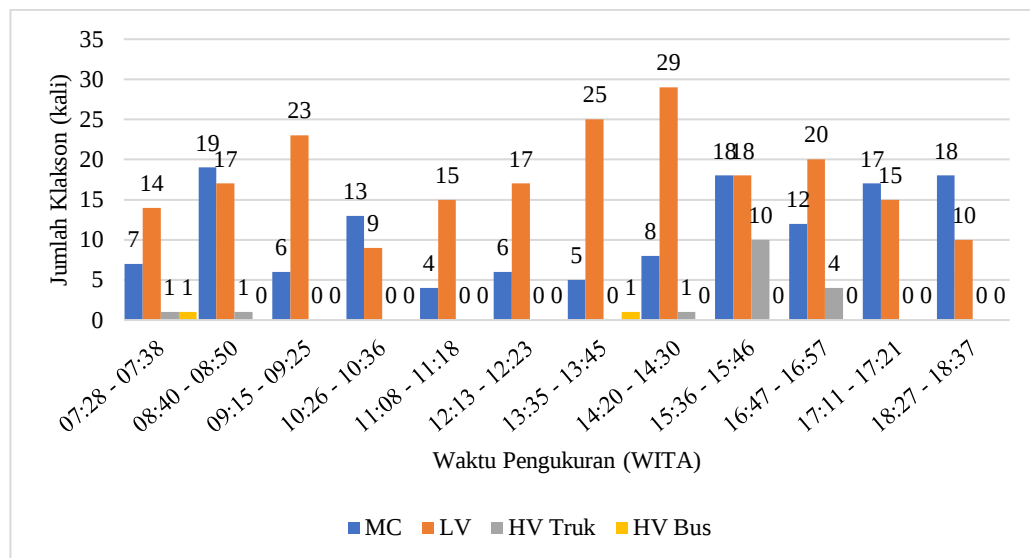


Titik Pengukuran R2 (Jalan Perintis Kemerdekaan)

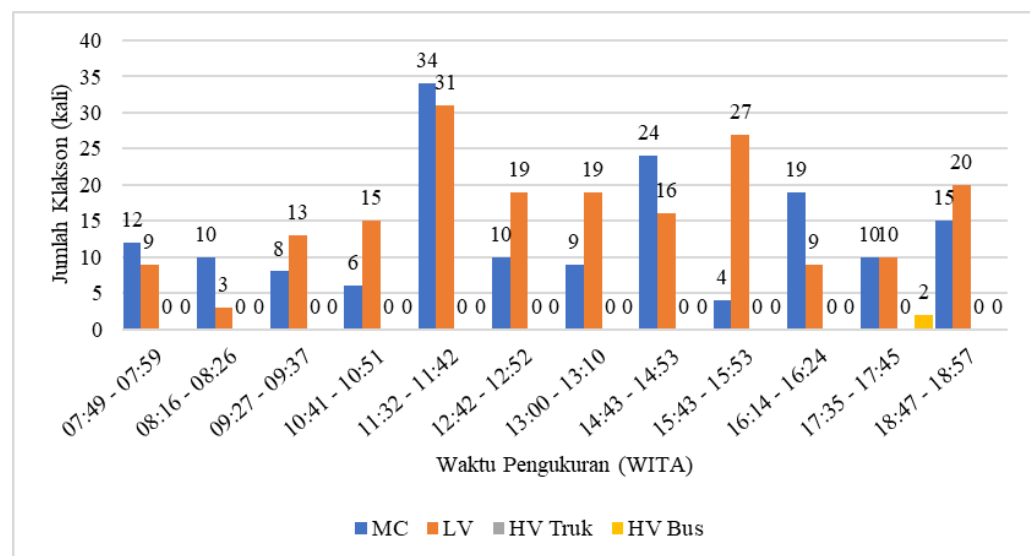


Titik Pengukuran R3 (Jalan Urip Sumoharjo)

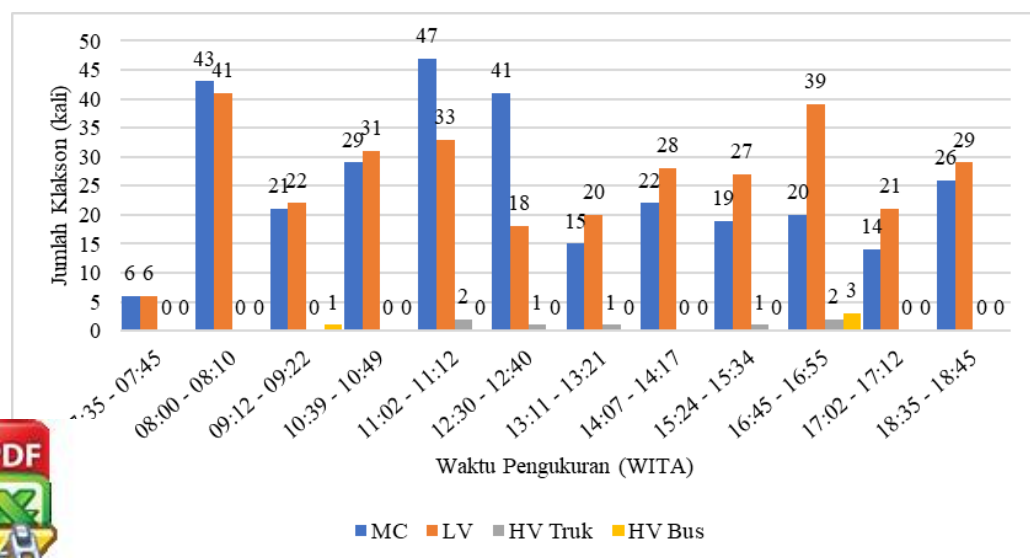




Titik Pengukuran R4 (Jalan Letjen Hertasning)

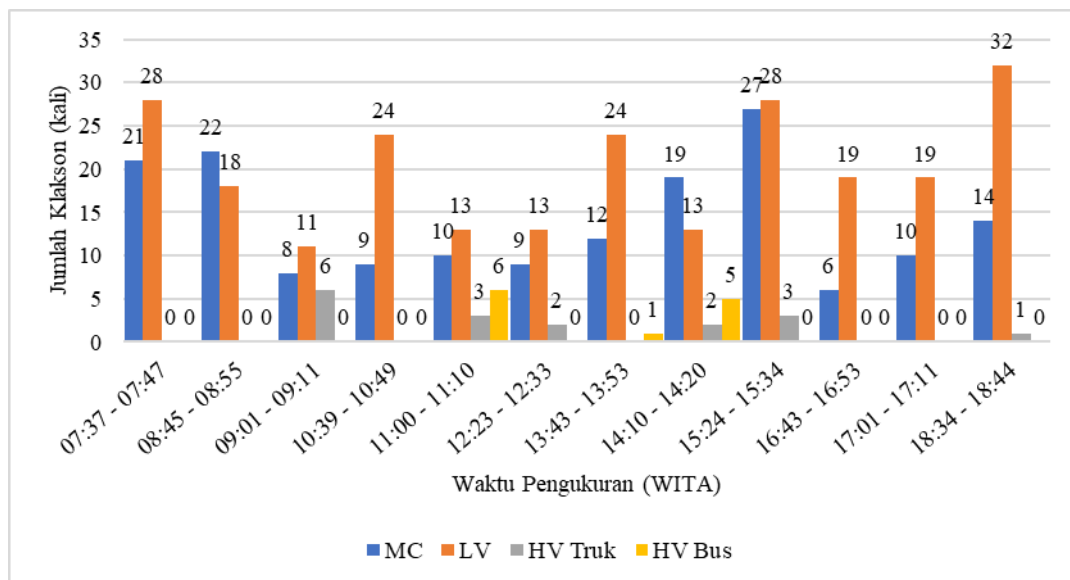


Titik Pengukuran R5 (Jalan Boulevard)

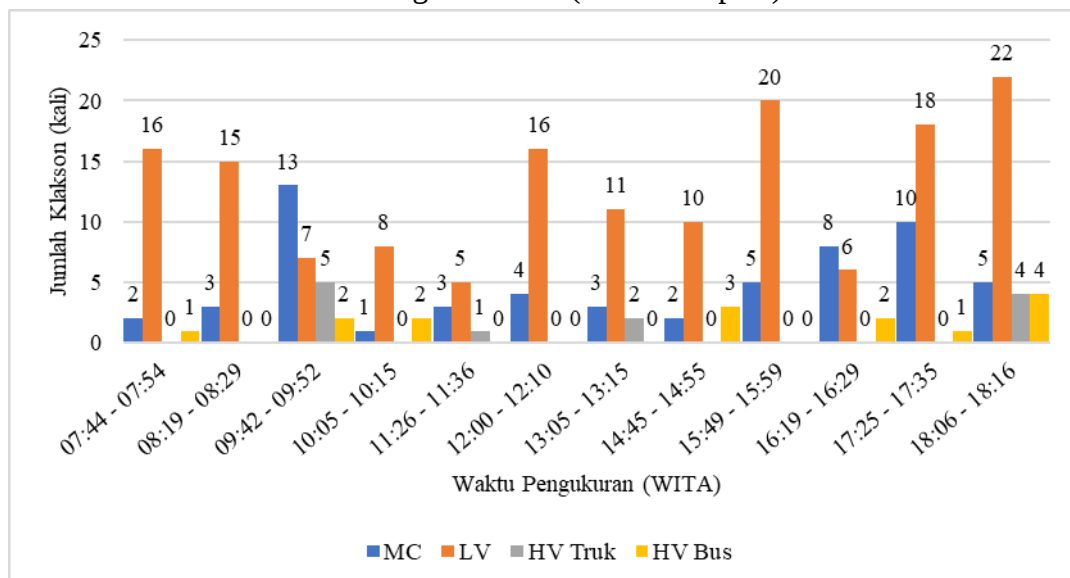


Titik Pengukuran R6 (Jalan Veteran Selatan)

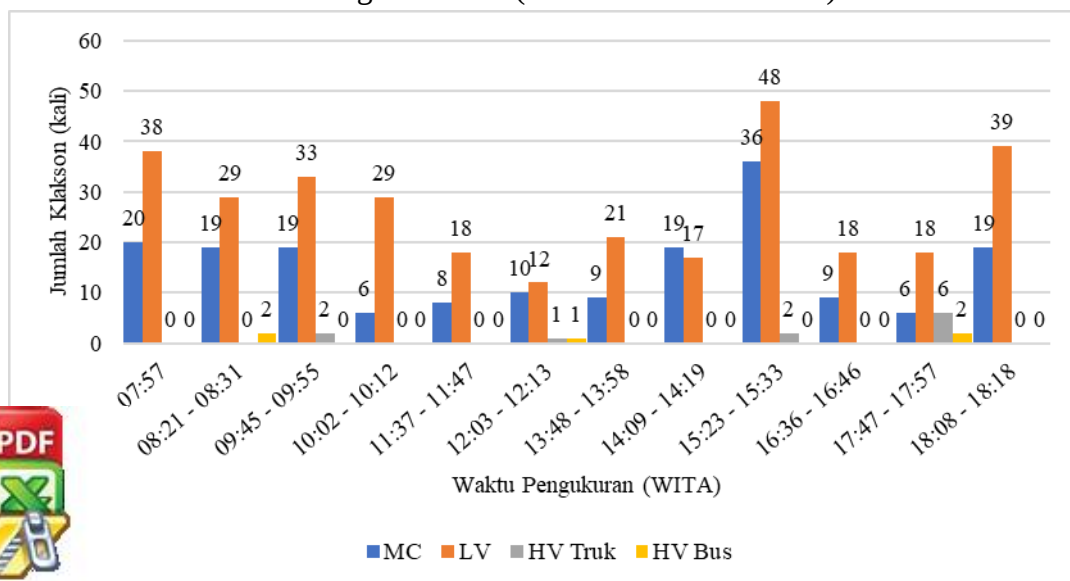




Titik Pengukuran R7 (Jalan Aroepala)

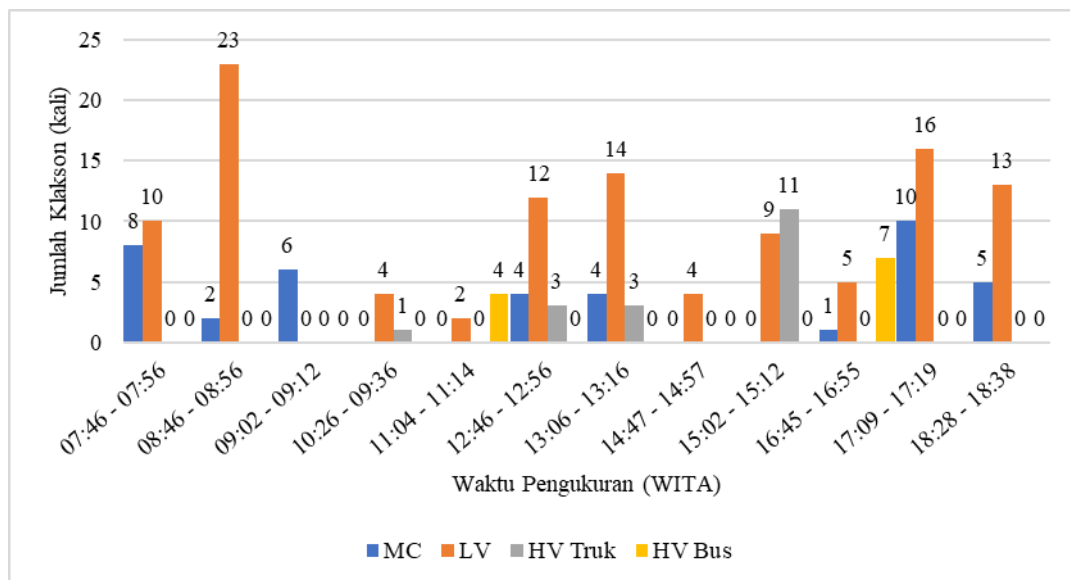


Titik Pengukuran R8 (Jalan Tun Abdul Razak)

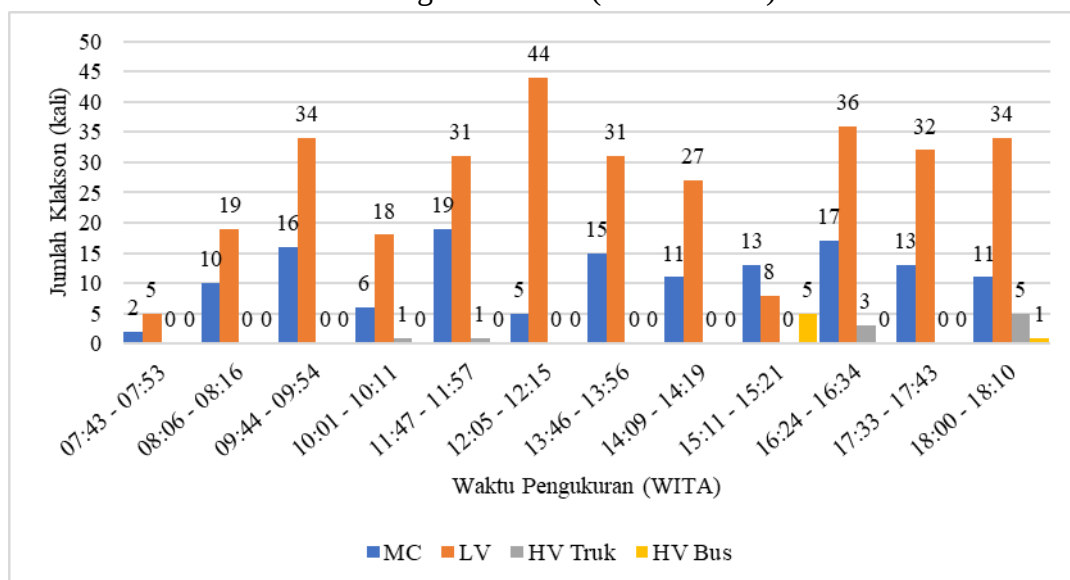


Titik Pengukuran R9 (Jalan Arief Ratte)

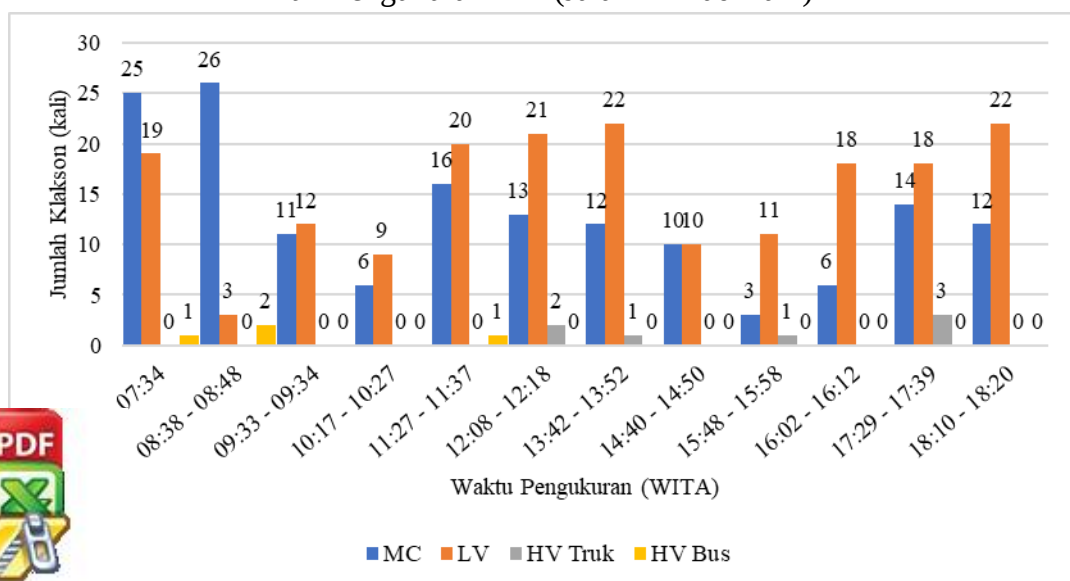




Titik Pengukuran R10 (Jalan H. Bau)

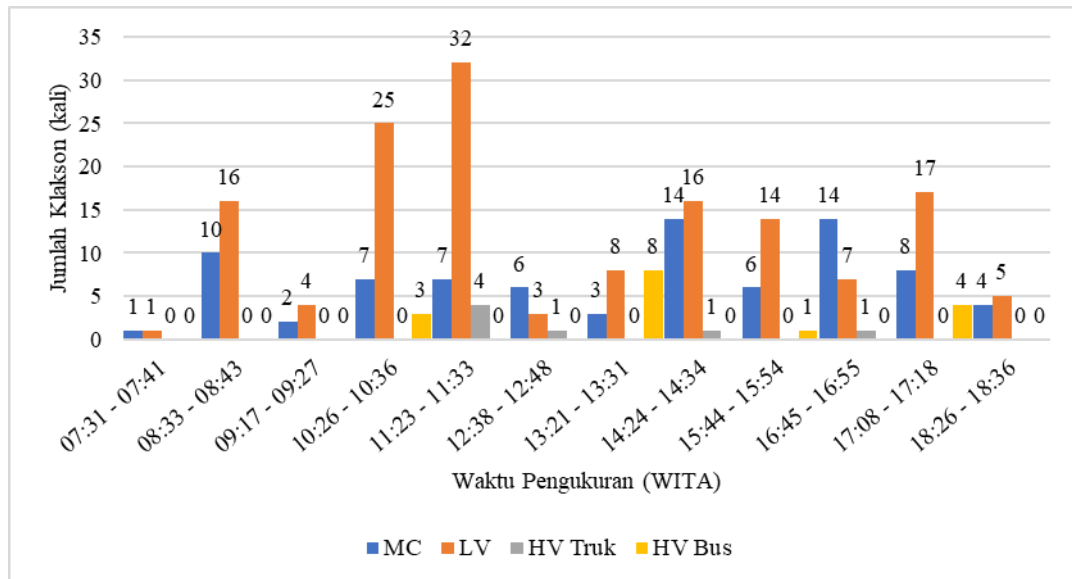


Titik Pengukuran R11 (Jalan Ahmad Yani)



Titik Pengukuran R12 (Jalan Sungai Saddang)





Titik Pengukuran R13 (Jalan Penghibur)



Lampiran 20 Dokumentasi Kegiatan

