

Baseline	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	1 week	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	2 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	3 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	4 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	5 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	6 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	114	184	188	170	186	172	1	111	181	167	179	171	192	1	122	193	168	166	166	181	1	143	192	177	165	145	145	1	124	193	162	158	147	149	1	121	189	159	152	160	180	1	139	187	146	145	162	153
2	113	182	170	189	181	177	2	121	185	178	164	175	178	2	128	191	152	172	178	166	2	147	179	173	158	178	161	2	130	192	163	174	167	156	2	126	188	187	160	161	149	2	129	193	181	157	157	165
3	132	184	193	182	179	192	3	119	189	162	190	171	179	3	131	188	164	161	179	162	3	117	192	174	173	165	160	3	128	191	180	151	159	154	3	117	193	172	178	154	159	3	138	192	168	156	151	148
4	113	194	192	174	180	180	4	130	193	181	175	185	193	4	120	182	179	174	172	168	4	122	193	172	151	159	161	4	126	193	185	167	188	152	4	136	193	165	151	149	182	4	129	192	171	166	158	171
5	109	178	179	189	178	192	5	125	193	185	178	183	162	5	121	182	179	166	184	181	5	139	190	179	187	161	178	5	147	193	163	171	168	169	5	118	193	161	155	130	126	5	119	194	167	141	150	151
6	114	184	191	188	186	194	6	115	186	179	186	178	178	6	115	188	180	175	167	164	6	125	193	163	163	178	163	6	115	192	155	170	144	172	6	127	193	146	164	163	163	6	121	195	147	175	155	145
7	109	185	191	193	191	191	7	127	188	186	190	174	178	7	126	192	172	184	163	175	7	115	193	146	170	157	164	7	133	192	161	169	158	147	7	126	193	172	182	169	144	7	122	191	163	176	145	147
Mean	114.65	184.56	186.31	183.53	182.36	185.70	Mean	121.18	187.73	176.94	180.25	176.93	178.68	Mean	123.26	188.12	170.57	171.05	171.34	170.99	Mean	129.79	190.28	169.22	166.57	163.34	161.70	Mean	129.11	192.79	167.94	164.46	161.44	157.12	Mean	127.24	191.67	166.17	163.15	155.15	157.44	Mean	128.34	191.79	163.45	159.40	153.84	154.26

Baseline	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	1 week	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	2 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	3 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	4 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	5 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	6 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	82	134	146	135	146	131	1	83	134	120	131	133	143	1	85	147	127	132	122	139	1	107	141	126	115	115	111	1	89	148	121	127	108	120	1	87	138	123	115	121	135	1	104	144	114	110	131	113
2	89	135	119	140	137	137	2	91	131	134	120	128	126	2	95	137	119	125	137	126	2	106	130	112	113	128	117	2	86	143	133	131	125	118	2	95	147	132	114	127	118	2	92	146	138	113	129	125
3	101	140	122	135	136	139	3	90	138	115	141	135	119	3	94	142	123	107	131	124	3	84	127	126	127	124	110	3	96	144	134	109	119	114	3	102	137	129	139	115	124	3	99	138	133	112	112	107
4	85	143	141	140	118	136	4	99	133	129	131	139	133	4	91	136	143	123	128	120	4	93	143	137	106	118	121	4	92	140	130	124	143	123	4	98	142	121	116	115	137	4	98	144	126	124	120	132
5	82	136	137	142	127	136	5	91	143	125	123	134	126	5	93	131	131	132	133	125	5	100	136	126	130	116	124	5	111	136	113	129	121	120	5	92	149	115	129	109	92	5	91	153	123	110	113	117
6	87	130	135	142	153	139	6	85	136	127	124	127	121	6	79	143	125	134	129	120	6	96	144	117	114	125	120	6	87	146	116	120	96	128	6	91	147	115	122	120	114	6	87	143	114	133	115	105
7	81	152	131	136	142	136	7	94	144	135	137	129	138	7	98	142	130	134	126	128	7	86	147	102	124	123	122	7	102	141	130	122	125	134	7	94	137	133	132	123	109	7	90	140	120	132	105	113
Mean	86.88	135.72	133.09	138.49	136.31	136.42	Mean	90.35	136.99	126.52	129.69	132.09	129.38	Mean	90.71	139.69	128.25	126.65	129.47	126.08	Mean	96.00	138.31	120.97	118.48	121.11	117.76	Mean	94.77	142.58	125.29	123.10	119.67	122.51	Mean	94.20	142.36	124.01	123.84	118.74	118.47	Mean	94.44	143.86	124.20	119.18	117.86	116.13

Baseline	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	1 week	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	2 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	3 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	4 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	5 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	6 weeks	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	261.3	292.0	252.7	268.4	279.5	272.5	1	266.6	280.5	251.9	279.6	294.2	288.7	1	277.6	269.7	260.3	285.7	295.1	301.4	1	294.9	281.9	255.2	300.6	307.3	311.3	1	283.5	294.5	256.2	302.0	310.4	309.2	1	281.6	295.7	262.1	308.4	311.4	315.7	1	294.5	299.4	257.4	309.2	307.8	311.3
2	257.9	277.2	244.5	261.4	278.1	283.4	2	268.0	288.9	269.9	268.7	296.3	298.3	2	275.1	303.2	257.4	282.5	299.8	304.2	2	276.3	307.6	264.3	299.4	309.8	320.9	2	272.3	309.8	268.7	296.0	313.6	330.6	2	268.3	312.9	263.3	309.3	318.2	340.2	2	274.3	309.8	261.6	314.3	325.5	335.4
3	283.4	267.9	278.1	308.7	285.6	270.1	3	292.6	280.6	267.6	278.5	296.1	281.5	3	291.4	290.8	296.0	284.2	298.2	282.9	3	291.5	297.8	298.1	291.6	309.7	300.3	3	296.8	294.3	301.6	290.3	314.1	298.5	3	296.6	296.2	305.3	292.6	319.3	304.7	3	295.2	300.2	301.1	297.4	320.4	307.0
4	268.5	260.2	281.5	282.5	257.4	286.4	4	281.9	270.2	300.5	293.2	271.2	295.8	4	288.5	275.5	312.4	312.6	279.1	294.2	4	300.5	281.8	322.7	314.4	291.2	301.4	4	302.4	288.6	331.4	323.4	292.7	301.2	4	305.4	287.5	338.6	331.6	292.4	308.3	4	297.7	289.1	332.5	340.0	309.7	300.5
5	261.4	286.1	262.9	264.2	270.9	263.6	5	267.3	299.4	283.2	270.4	286.5	280.4	5	276.2	304.1	293.5	296.3	297.8	285.3	5	288.0	310.6	302.6	297.5	311.7	298.6	5	289.6	312.5	305.2	298.6	310.0	300.4	5	291.9	312.6	309.5	305.3	317.8	306.9	5	292.1	313.8	299.8	309.4	317.2	309.4
6	270.1	265.4	269.5	256.2	283.2	254.5	6	288.6	276.5	280.3	258.6	289.3	265.6	6	299.1	285.3	292.3	264.0	278.3	276.5	6	312.6	291.3	294.9	272.6	294.6	294.5	6	321.9	299.7	297.5	282.6	294.5	290.9	6	333.8	292.6	292.4	279.4	294.6	296.3	6	332.4	287.4	299.7	299.7	300.3	301.8
7	278.0	266.3	297.9	287.5	282.2	282.5	7	276.0	282.5	308.4	297.3	300.1	296.7	7	278.3	283.3	320.9	309.8	292.4	303.4	7	279.1	287.5	342.1	321.2	296.9	317.6	7	275.1	290.4	340.5	324.4	304.4	320.5	7	279.7	290.6	340.5	329.3	301.7	332.1	7	285.1	292.6	340.6	331.4	311.2	334.3
Mean	266.66	273.59	269.59	269.84	276.70	273.29	Mean	277.00	282.66	280.36	278.04	286.53	286.71	Mean	285.74	287.41	290.40	289.38	291.53	292.56	Mean	292.13	294.07	297.13	299.61	303.03	306.37	Mean	291.66	296.54	300.16	302.47	306.81	307.30	Mean	293.90	298.30	301.96	307.99	307.91	314.60	Mean	295.50	298.90	299.24	311.77	313.16	314.24

Endothelin-1	ng/L	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	Angiotensin II	ng/L	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	IL-1 beta	ng/L	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	Interleukin- 6	ng/L	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	TNF- alpha	ng/L	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
	1	14.92	147.91	84.22	72.50	73.37	67.05		1	242.55	688.98	397.62	460.63	386.65	525.90		1	25.12	71.80	25.51	36.87	28.73	34.48		1	30.23	72.77	66.85	112.59	85.04	57.12		1	145.07	196.69	215.29	138.90	150.00	181.49
	2	22.69	129.20	36.58	61.31	68.30	78.08		2	194.84	638.25	458.35	431.16	479.91	467.80		2	15.98	61.84	31.74	66.96	25.53	28.65		2	73.30	99.13	73.89	37.65	48.24	86.35		2	93.66	267.56	103.80	152.34	167.51	238.14
	3	30.58	153.23	107.67	95.98	81.89	76.21		3	210.10	585.63	632.97	480.86	312.37	319.83		3	28.56	52.29	50.83	54.22	31.27	35.81		3	24.07	172.88	97.23	88.11	45.99	84.81		3	91.41	228.83	140.58	202.47	142.02	166.37
	4	75.86	88.88	121.69	100.59	55.88	65.02		4	398.37	647.45	543.36	482.77	340.75	384.74		4	22.96	71.32	57.47	37.21	68.18	34.38		4	39.74	119.36	122.12	49.32	82.10	57.11		4	115.47	225.83	145.47	117.19	190.97	118.55
	5	53.86	167.76	86.33	73.54	69.16	86.61		5	328.52	564.58	510.01	617.13	452.95	400.22		5	36.70	55.30	54.51	65.30	36.41	38.25		5	43.41	163.69	121.40	116.93	66.23	64.63		5	96.95	287.56	271.69	224.31	185.74	163.07
	6	96.91	129.89	93.25	33.01	65.61	66.64		6	303.20	520.12	382.59	441.89	329.77	335.74		6	25.20	73.22	54.82	17.96	28.44	57.30		6	52.81	78.67	67.52	104.53	55.13	73.54		6	124.51	210.15	153.35	135.72	129.27	138.25
	7	62.25	84.00	43.45	62.99	52.43	88.81		7	205.20	775.04	457.42	322.48	276.49	322.59		7	16.59	68.30	51.63	27.64	35.11	25.52		7	42.40	74.86	57.31	47.45	63.24	39.13		7	95.83	240.72	160.40	170.40	135.04	155.10
	Mean	51.01	128.70	81.88	71.42	66.66	75.49		Mean	268.97	631.44	483.19	462.42	368.41	393.83		Mean	24.44	64.87	46.64	43.74	36.24	36.34		Mean	43.71	111.62	86.62	79.51	63.71	66.10		Mean	108.99	236.76	170.08	163.05	157.22	165.85

Thoracic aorta Thickness(mm)	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	0.11866	0.17535	0.15293	0.14168	0.12986	0.13146
2	0.12121	0.18909	0.14489	0.14239	0.12395	0.12387
3	0.11508	0.19033	0.14618	0.14294	0.13352	0.13445
4	0.11756	0.18035	0.15373	0.14378	0.12666	0.13056
5	0.12011	0.18849	0.14029	0.14449	0.12215	0.12297
6	0.11478	0.19163	0.14448	0.14004	0.13132	0.13375
7	0.11624	0.19099	0.15534	0.14113	0.13074	0.13132
Mean	0.11766	0.1866	0.14826	0.14235	0.12832	0.12977

IL-1 beta	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	Interleukin- 6	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	TNF- alpha	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	33413	58087	40113	44428	37019	40420	1	30721	44929	42586	62152	45546	45765	1	5227	19516	10430	14804	14571	9394
2	27941	57708	40655	38134	35310	40414	2	28120	46064	31922	55204	43237	39396	2	1677	17712	8804	17129	9414	7810
3	26091	66748	36593	41168	30390	38928	3	37848	49249	44219	46362	32340	38357	3	5463	16333	10781	10297	4642	10748
4	33335	52618	29616	44100	42068	36276	4	41583	44538	55408	51657	36439	36048	4	4428	11381	18583	11966	7134	11602
5	34957	65255	40372	42155	34513	34065	5	30231	64205	50661	46497	37780	45250	5	4360	10868	13215	9089	4920	6087
6	39644	63333	35284	32147	35915	35895	6	22282	55744	55089	45778	47436	39259	6	7273	13365	9436	9490	4818	8507
7	37560	65807	34941	31947	36041	27002	7	26213	58992	45605	44682	37339	32588	7	6777	12262	13651	16866	7116	10335
Mean	33277.3	61365.1	36796.3	39154.1	35893.7	36142.9	Mean	30999.7	51960.1	46498.6	50333.1	40016.7	39523.3	Mean	5029.29	14491	12128.6	12805.9	7516.43	9211.86
Collagen- I	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	Collagen- III	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	alpha- SMA	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1861	3918	2557	1302	1568	2617	1	14515	26729	16495	26212	22626	18408	1	8662	10752	12356	10136	8501	9554
2	715	5464	4144	4746	1238	2728	2	19040	31637	21817	18477	13083	20479	2	9684	17527	12262	10936	10213	10167
3	822	4022	1742	2071	1424	1077	3	10761	25967	20917	15514	15116	19039	3	6832	13165	10330	8608	9069	10153
4	699	2072	2389	2151	3078	1076	4	19039	23016	21086	15961	19060	16966	4	7369	14253	10963	9299	9656	6319
5	1056	2403	3433	1429	1147	1243	5	19607	26074	14159	18339	25319	20333	5	9025	17909	11633	8439	8514	7158
6	1266	2710	3077	1577	1876	1368	6	20151	23775	23508	16630	14686	17979	6	8672	13392	10615	7735	7271	8784
7	2441	3176	1157	2486	1820	1542	7	13667	18718	15644	16400	17927	20634	7	6239	13081	10073	8936	8212	9464
Mean	1265.71	3395	2642.71	2251.71	1735.86	1664.43	Mean	17185.5	26199.7	19663.7	18522.2	18315	18867.3	Mean	8069	14297	11176	9155.57	8776.57	8799.86

IL-1 beta	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	Interleukin- 6	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	TNF- alpha	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	8406	19083	11036	5473	9766	8015	1	4315	5224	2212	3979	1795	1184	1	13023	20831	10318	7695	10423	13245
2	10244	17003	8340	9525	9056	6258	2	3309	2418	3464	3058	2473	1816	2	9593	25618	14460	11668	13690	10660
3	6641	16626	6194	8272	10318	9358	3	3373	4981	3116	3832	1763	897	3	6966	13916	17511	6415	10999	16275
4	5998	17492	12776	9752	10060	11327	4	359	5150	8002	2573	2961	3736	4	6134	16320	10809	17762	9446	10687
5	3263	22552	11451	5504	8393	10600	5	633	8211	3752	4441	2324	3066	5	5726	25207	12736	11438	12530	18804
6	6270	21505	9151	10601	7651	6339	6	390	9571	1511	1921	4002	2883	6	13243	11727	12785	13705	13385	9623
7	4151	24869	11028	9741	6272	10526	7	2477	9488	4150	3407	1125	2239	7	7379	21393	10138	14579	9613	7262
Mean	6424.65	19875.5	9996.62	8409.71	8788.08	8917.56	Mean	2122.43	6434.96	3744.06	3315.91	2348.99	2260.22	Mean	8866.17	19287.6	12679.6	11894.6	11440.6	12365.2
Collagen- I	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	Collagen- III	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	alpha- SMA	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	7117	8238	7730	10063	6143	8739	1	20887	30118	16463	12562	7592	18922	1	38336	76405	52895	41851	37674	56795
2	3980	8258	5325	4027	5867	7785	2	6643	27111	14246	18112	16246	10798	2	24207	64980	44576	46606	33776	40186
3	4772	12629	6075	6512	7831	11340	3	20372	23575	12549	16540	10881	14467	3	33586	67049	49867	49673	48314	54765
4	9148	14782	6345	9625	4454	10419	4	5140	29637	16618	15690	7224	17974	4	43879	58565	45878	42039	54000	47873
5	5551	14410	9384	5815	7476	2351	5	20755	21268	17404	14229	20517	12961	5	49221	75380	68250	51160	44179	63083
6	3829	9373	6735	5011	8582	2489	6	10235	20251	18789	18197	15954	17644	6	47831	61169	47731	53495	46971	61499
7	3663	15091	6919	6469	4838	3848	7	8310	16035	23564	19482	20569	11058	7	30281	77772	53007	48638	56337	62105
Mean	5437.25	11825.8	6930.51	6788.86	6455.94	6710.06	Mean	13191.7	23999.1	17090.5	16401.7	14140.3	14832	Mean	38191.7	68760	51743.4	47637.3	45893	55186.4

IL-1β	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	Col-I	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	TAK1	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	2.37	1.45	1.38	1.10	1.34	1	1.00	6.61	4.21	3.11	2.66	3.09	1	1.00	4.53	3.12	2.37	1.76	1.77
2	1.00	2.21	1.87	1.62	1.26	1.69	2	1.00	6.35	3.19	2.86	2.68	4.71	2	1.00	3.54	2.42	2.37	1.81	1.93
3	1.00	2.80	1.83	1.89	1.65	1.81	3	1.00	5.14	2.73	2.60	1.47	1.62	3	1.00	5.30	3.38	2.31	1.64	1.61
Mean	1.00	2.46	1.72	1.63	1.34	1.61	Mean	1.00	6.03	3.38	2.86	2.27	3.14	Mean	1.00	4.46	2.97	2.35	1.74	1.77
IL-6	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	Col-III	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	IKB-α	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	2.32	1.35	1.26	1.05	1.41	1	1.00	3.24	2.05	1.76	1.31	1.82	1	1.00	0.16	0.30	0.44	0.70	0.65
2	1.00	3.43	2.29	1.46	1.17	1.77	2	1.00	2.88	2.56	1.97	1.83	1.57	2	1.00	0.19	0.38	0.53	0.77	0.68
3	1.00	2.31	2.03	1.70	1.02	1.18	3	1.00	4.14	3.13	2.15	1.94	1.81	3	1.00	0.25	0.49	0.58	0.83	0.85
Mean	1.00	2.69	1.89	1.47	1.08	1.45	Mean	1.00	3.42	2.58	1.96	1.69	1.73	Mean	1.00	0.20	0.39	0.52	0.77	0.73
TNF-α	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	α-SMA	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP	p65	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	2.74	1.36	1.28	1.17	1.11	1	1.00	3.74	2.21	2.26	1.92	2.35	1	1.00	3.70	2.76	1.91	1.43	1.89
2	1.00	3.08	1.93	1.85	1.51	1.81	2	1.00	3.26	1.80	1.88	1.52	1.85	2	1.00	3.92	2.68	1.51	1.36	1.74
3	1.00	4.09	3.23	2.98	1.48	1.41	3	1.00	3.44	2.32	1.64	1.34	1.24	3	1.00	3.79	2.33	1.73	1.52	1.67
Mean	1.00	3.31	2.18	2.04	1.39	1.44	Mean	1.00	3.48	2.11	1.93	1.59	1.81	Mean	1.00	3.80	2.59	1.72	1.43	1.77



IL-1 $\beta$	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	4.09	1.74	1.71	1.30	1.52
2	1.00	4.64	2.16	1.50	1.06	1.22
3	1.00	2.32	2.29	1.41	1.44	1.33
Mean	1.00	3.68	2.06	1.54	1.27	1.36

IL-6	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	3.16	1.57	1.34	1.36	1.43
2	1.00	4.64	2.78	1.95	1.60	1.42
3	1.00	2.63	2.39	1.50	1.13	1.09
Mean	1.00	3.47	2.25	1.60	1.36	1.31

TNF- $\alpha$	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	2.82	2.62	2.48	1.98	1.70
2	1.00	3.04	2.16	1.66	1.47	1.56
3	1.00	3.00	2.34	1.79	1.28	1.66
Mean	1.00	2.96	2.37	1.98	1.58	1.64

Col-I	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	3.84	2.37	1.87	1.53	1.60
2	1.00	4.60	2.03	2.04	1.77	1.65
3	1.00	3.27	1.77	2.00	1.82	1.78
Mean	1.00	3.90	2.06	1.97	1.71	1.68

Col-III	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	2.16	1.68	1.67	1.34	1.33
2	1.00	2.81	2.31	2.06	1.63	1.80
3	1.00	3.00	1.96	1.99	1.77	1.78
Mean	1.00	2.66	1.99	1.91	1.58	1.64

$\alpha$ -SMA	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	2.34	1.63	1.45	1.09	1.45
2	1.00	2.52	1.75	1.50	1.43	1.56
3	1.00	2.55	1.78	1.79	1.53	1.90
Mean	1.00	2.47	1.72	1.58	1.35	1.63

TAK1	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	3.06	2.24	2.02	1.78	1.72
2	1.00	4.06	3.10	2.16	1.75	1.83
3	1.00	4.29	2.41	1.72	1.39	1.43
Mean	1.00	3.80	2.58	1.97	1.64	1.66

IKB- $\alpha$	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	0.26	0.31	0.50	0.68	0.73
2	1.00	0.29	0.43	0.52	0.70	0.66
3	1.00	0.27	0.47	0.59	0.81	0.65
Mean	1.00	0.27	0.40	0.54	0.73	0.68

p65	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00	3.16	2.56	1.93	1.65	1.76
2	1.00	3.06	2.45	2.03	1.54	1.57
3	1.00	3.25	2.11	1.97	1.53	1.80
Mean	1.00	3.16	2.38	1.98	1.57	1.71

TAK1	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	0.13214	0.99679	0.53621	0.36033	0.2582	0.27792
2	0.07813	0.60849	0.52202	0.41905	0.27321	0.27014
3	0.07195	0.71892	0.55067	0.35044	0.2214	0.2291
Mean	0.09407	0.77473	0.5363	0.37661	0.25094	0.25906
P65	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	0.27645	1.29641	0.94451	0.83884	0.69089	0.68922
2	0.06884	1.03719	0.79232	0.48621	0.42357	0.42147
3	0.07233	0.90697	0.58418	0.42507	0.18554	0.18703
Mean	0.1392	1.08019	0.77367	0.58337	0.43333	0.43257
IKB- alpha	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.00208	0.17246	0.28046	0.44219	0.67323	0.6941
2	1.06062	0.11662	0.16852	0.21964	0.42195	0.44269
3	0.8457	0.07187	0.12645	0.20401	0.39296	0.39445
Mean	0.96947	0.12032	0.19181	0.28861	0.49605	0.51041

TAK1	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	0.08891	0.58291	0.43787	0.29306	0.17181	0.16042
2	0.12973	0.96037	0.64012	0.39541	0.22179	0.21477
3	0.13161	0.69889	0.47029	0.34315	0.23355	0.2476
Mean	0.11675	0.74739	0.51609	0.34388	0.20905	0.2076
P65	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	0.12717	0.98544	0.82948	0.75743	0.39841	0.37612
2	0.2864	0.95156	0.75671	0.54188	0.4538	0.44445
3	0.23207	0.74242	0.5928	0.43986	0.32497	0.32154
Mean	0.21521	0.89314	0.72633	0.57973	0.39239	0.3807
IKB- alpha	WKY	SHR	GJD-LD	GJD-MD	GJD-HD	CAP
1	1.19362	0.18859	0.38359	0.64639	0.79263	0.811
2	0.99572	0.26914	0.42645	0.60038	0.75865	0.77323
3	1.20005	0.11449	0.22735	0.43717	0.69298	0.71098
Mean	1.1298	0.19074	0.3458	0.56131	0.74809	0.76507