

CRYSTAL STRUCTURES OF NEAR-END-MEMBER PHLOGOPITE AT HIGH TEMPERATURES AND HEAT-TREATED Fe-RICH PHLOGOPITE: THE INFLUENCE OF THE O,OH,F SITE

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ABSTRACT

The crystal structure of end-member phlogopite-1M from White Well, Australia, was determined by refinement using single-crystal X-ray data to 600°C ($R = 0.069$, $wR = 0.096$ at 600°C). Cell parameters were refined at 20, 150, and thereafter at 50°C intervals to 600°C. The rate of expansion of the metric unit-cell dimensions is linear. The expansivity of the c dimension is $1.81 \times 10^{-5} \text{ }^\circ\text{C}^{-1}$, and 1.40 and $1.34 \times 10^{-5} \text{ }^\circ\text{C}^{-1}$ for the a and b dimensions, respectively (compared to fluorophlogopite in a previous study: 24° to 600°C, $\alpha_a = 0.86$, $\alpha_b = 0.75$, and $\alpha_c = 1.81 \times 10^{-5} \text{ }^\circ\text{C}^{-1}$). The OH-rich octahedra ($M1$, $M2$) expand without changing shape significantly at elevated temperatures, in contrast to F-rich octahedra in fluorophlogopite, which become elongate approximately along the c axis. The interlayer site becomes elongate in phlogopite with increasing temperature relative to fluorophlogopite, although the site shows general flattening with increasing temperature. We also refined the room-temperature structure of a sample of Fe-rich phlogopite-1M sample from Silver Crater, near Bancroft, Ontario, and the same phlogopite after heat treatment at 904°C for 24 hours (untreated: $R = 0.039$, $wR = 0.043$; heat-treated: $R = 0.039$, $wR = 0.047$). In contrast to earlier studies, there was no change in Fe site occupancy from the octahedra to the tetrahedra. The octahedra ($M1$, $M2$) and the interlayer site are flattened in both the heated and unheated samples, but the heated sample shows significant flattening in all these sites over the unheated sample.

Keywords: phlogopite, heat-treated phlogopite, crystal structure.

SOMMAIRE

Nous avons déterminé la structure cristalline d'un échantillon de phlogopite-1M de White Well, Australie, dont la composition est proche du pôle, par affinement de données prélevées sur cristal unique jusqu'à 600°C ($R = 0.069$, $wR = 0.096$ à 600°C). Les paramètres réticulaires ont été affinés à 20, 150, et ensuite à chaque tranche de 50°C jusqu'à 600°C. Le taux d'expansion des paramètres réticulaires est linéaire. L'expansivité de la dimension c est $1.81 \times 10^{-5} \text{ }^\circ\text{C}^{-1}$, et celle des dimensions a et b , 1.40 and $1.34 \times 10^{-5} \text{ }^\circ\text{C}^{-1}$, respectivement (on peut comparer ces données à celles de la fluorophlogopite, déterminées antérieurement: entre 24° et 600°C, $\alpha_a = 0.86$, $\alpha_b = 0.75$, et $\alpha_c = 1.81 \times 10^{-5} \text{ }^\circ\text{C}^{-1}$). Les octaèdres riches en OH ($M1$, $M2$) augmentent en volume sans changer de forme aux températures élevées, contrairement aux octaèdres riches en F dans la fluorophlogopite, qui deviennent allongés le long de l'axe c . Le site inter-feuillet devient allongé dans la phlogopite à mesure qu'augmente la température, relativement à la fluorophlogopite, quoique le site montre un aplatissement général avec une augmentation en température. Nous avons aussi affiné la structure à température ambiante d'un échantillon de phlogopite-1M riche en Fe provenant de Silver Crater, près de Bancroft, en Ontario, et du même mica après chauffage à 904°C pour 24 heures (sans chauffage: $R = 0.039$, $wR = 0.043$; après chauffage: $R = 0.039$, $wR = 0.047$). Contrairement aux résultats antérieurs, il n'y a pas eu de changement dans l'occupation des sites par le Fe, par exemple un transfert de site octaédrique à site tétraédrique. Les octaèdres ($M1$, $M2$) et le site inter-feuillet sont aplatis dans les échantillons de ce mica, chauffé ou non, mais l'échantillon chauffé montre un aplatissement nettement accru à tous ces sites par rapport à l'échantillon non chauffé.

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Mots-clés: phlogopite, phlogopite chauffé, structure cristalline.

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Untreated Fe-rich phlogopite
data merging routine

H	K	L	F**2 F(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
			199.46	1.08	1369.06	0.15	8.11	1212.					
0	0	2	14.12	199.46	0.04	1369.06	0.00	0.0997	136.9199	1.0000	0.0000	0.0000	
			19005.00	8.45	86136.70	0.22	12.18	1059.					
0	0	3	137.86	19005.00	0.03	86136.70	0.00	0.1496	8618.1396	1.0000	0.0000	0.0000	
			5734.60	5.55	18981.20	0.30	16.27	908.					
0	0	4	75.73	5734.60	0.04	18981.20	0.00	0.1995	1901.2866	1.0000	0.0000	0.0000	
			9558.83	8.07	24850.00	0.38	20.38	765.					
0	0	5	97.77	9558.83	0.04	24850.00	0.00	0.2494	2495.3455	1.0000	0.0000	0.0000	
			6163.33	7.43	12910.50	0.48	24.51	-1292.					
			6173.02	7.45	12930.80	0.48	24.51	-1229.					
			6157.36	7.43	12898.00	0.48	24.51	-545.					
			6227.73	7.46	13045.40	0.48	24.51	-1.					
			6204.67	7.48	12997.10	0.48	24.51	-59.					
			6205.49	7.47	12998.80	0.48	24.51	-731.					
			6099.60	7.42	12777.00	0.48	24.51	-1355.					
			6208.35	7.49	13004.80	0.48	24.51	-422.					
			6210.88	7.45	13010.10	0.48	24.51	-1104.					
			6238.00	7.49	13066.90	0.48	24.51	-238.					
			6255.99	7.51	13104.60	0.48	24.51	-361.					
			6241.34	7.47	13073.90	0.48	24.51	-299.					
			6188.11	7.44	12962.40	0.48	24.51	-178.					
			6173.55	7.43	12931.90	0.48	24.51	-484.					
			6218.37	7.48	13025.80	0.48	24.51	-917.					
			6191.02	7.46	12968.50	0.48	24.51	-118.					
			6250.84	7.51	13093.80	0.48	24.51	-792.					
			6188.87	7.44	12964.00	0.48	24.51	-980.					
			6265.16	7.46	13123.80	0.48	24.51	-855.					
			6211.36	7.47	13011.10	0.48	24.51	628.					
			6200.57	7.44	12988.50	0.48	24.51	-1417.					
			6243.10	7.49	13077.60	0.48	24.51	-607.					
			6168.25	7.44	12920.80	0.48	24.51	-668.					
			6177.18	7.43	12939.50	0.48	24.51	-1167.					
			6203.96	7.43	12995.60	0.48	24.51	-1042.					
0	0	6	78.76	6202.45	0.05	12992.85	165.56	0.2992	1310.7997	1.0000	0.0045	0.0022	WATCH OUT
			9473.93	10.14	16527.40	0.57	28.67	500.					
0	0	7	97.33	9473.93	0.05	16527.40	0.00	0.3491	1680.7106	1.0000	0.0000	0.0000	
			11148.60	12.24	16536.30	0.67	32.88	385.					
0	0	8	105.59	11148.60	0.06	16536.30	0.00	0.3990	1703.0144	1.0000	0.0000	0.0000	
			2806.39	7.28	3585.54	0.78	37.13	281.					
0	0	9	52.98	2806.39	0.07	3585.54	0.00	0.4489	376.3457	1.0000	0.0000	0.0000	
			5686.93	11.11	6241.05	0.91	41.43	193.					
0	0	10	75.41	5686.93	0.07	6241.05	0.00	0.4987	673.1539	1.0000	0.0000	0.0000	
			7247.60	13.92	6929.01	1.05	45.80	117.					
0	0	11	85.13	7247.60	0.08	6929.01	0.00	0.5486	775.7850	1.0000	0.0000	0.0000	
			2405.38	9.53	2020.56	1.19	50.24	62.					
0	0	12	49.04	2405.38	0.10	2020.56	0.00	0.5985	237.5895	1.0000	0.0000	0.0000	
			1082.55	7.84	808.48	1.34	54.76	22.					
0	0	13	32.90	1082.55	0.12	808.48	0.00	0.6483	101.0931	1.0000	0.0000	0.0000	
			858.06	7.77	573.81	1.50	59.37	6.					
0	0	14	29.29	858.06	0.13	573.81	0.00	0.6982	77.2121	1.0000	0.0000	0.0000	
			50.37	0.98	261.96	0.19	9.69	1353.					
			39.08	0.99	202.56	0.19	9.69	1385.					
0	2	1	6.69	44.80	0.07	232.26	11.29	0.1190	23.2307	1.0000	0.1260	0.0633	WATCH OUT
			5858.54	5.15	24509.20	0.24	11.98	1197.					
			6073.24	5.12	25343.80	0.24	11.98	1227.					
0	2	2	77.24	5966.66	0.03	24926.50	214.70	0.1471	2493.8567	1.0000	0.0180	0.0090	WATCH OUT

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merge

H	K	L	F**2 F(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
			3870.65	5.83	12433.50	0.31	15.05	1045.					
			4460.81	5.33	14104.60	0.32	15.05	1073.					
0	2	3	64.75	4192.18	0.04	13269.05	590.16	0.1846	1328.5182	1.0000	0.0698	0.0350	WATCH OUT
			32.18	1.92	81.39	0.40	18.52	894.					
			54.35	1.85	137.07	0.40	18.52	925.					
0	2	4	6.61	43.64	0.14	109.24	22.17	0.2269	10.9543	1.0000	0.2537	0.1293	WATCH OUT
			233.86	2.53	484.16	0.48	22.23	779.					
			188.36	2.57	391.08	0.48	22.23	751.					
0	2	5	14.54	211.51	0.09	437.62	45.50	0.2718	44.0219	1.0000	0.1075	0.0539	WATCH OUT
			362.90	3.72	630.94	0.58	26.08	614.					
			442.98	3.70	756.28	0.59	26.08	642.					
0	2	6	20.08	403.13	0.09	693.61	80.08	0.3182	70.1554	1.0000	0.0993	0.0498	WATCH OUT
			2196.29	7.75	3167.79	0.69	30.05	513.					
			1705.86	7.00	2498.18	0.68	30.05	487.					
0	2	7	43.89	1926.49	0.08	2832.99	490.42	0.3655	289.1183	1.0000	0.1260	0.0631	WATCH OUT
			47.51	4.15	58.55	0.81	34.10	397.					
			40.08	3.75	50.25	0.80	34.10	373.					
0	2	8	6.59	43.42	0.30	54.40	7.44	0.4134	5.6292	1.0000	0.0848	0.0424	
			38.86	3.91	42.21	0.92	38.23	270.					
			57.73	3.97	61.66	0.94	38.23	292.					
0	2	9	6.94	48.15	0.28	51.93	18.87	0.4617	5.4847	1.0000	0.1959	0.0988	
			309.08	5.25	285.25	1.08	42.44	204.					
			256.07	5.09	238.45	1.07	42.44	182.					
0	2	10	16.79	281.75	0.15	261.85	53.01	0.5103	28.4613	1.0000	0.0940	0.0471	WATCH OUT
			614.88	7.19	499.68	1.23	46.73	129.					
			483.50	6.64	401.03	1.21	46.73	108.					
0	2	11	23.32	544.00	0.15	450.36	131.38	0.5591	50.8963	1.0000	0.1200	0.0601	WATCH OUT
			129.20	5.99	92.90	1.39	51.11	70.					
			107.02	5.50	78.01	1.37	51.11	51.					
0	2	12	10.82	117.16	0.27	85.46	22.18	0.6082	10.1595	1.0000	0.0940	0.0470	
			309.21	6.83	201.26	1.54	55.58	16.					
			352.38	7.25	226.00	1.56	55.58	28.					
0	2	13	18.15	329.51	0.19	213.63	43.17	0.6573	27.0444	1.0000	0.0653	0.0326	WATCH OUT
			2086.41	3.85	5588.54	0.37	17.64	-300.					
			2089.99	3.85	5598.13	0.37	17.64	-732.					
			2082.49	3.86	5578.04	0.37	17.64	-608.					
			2039.80	3.83	5463.68	0.37	17.64	-1418.					
			2082.38	3.84	5577.74	0.37	17.64	-2.					
			2086.99	3.83	5590.08	0.37	17.64	-669.					
			2091.58	3.84	5602.37	0.37	17.64	-793.					
			2087.95	3.83	5592.66	0.37	17.64	-60.					
			2065.77	3.84	5533.24	0.37	17.64	-485.					
			2085.97	3.87	5587.35	0.37	17.64	-1168.					
			2027.93	3.82	5431.90	0.37	17.64	-981.					
			2094.58	3.84	5610.42	0.37	17.64	-239.					
			2086.81	3.86	5589.60	0.37	17.64	-1356.					
			2078.21	3.86	5566.57	0.37	17.64	-918.					
			2046.12	3.82	5480.61	0.37	17.64	-362.					
			2089.67	3.86	5597.27	0.37	17.64	-1230.					
			2067.74	3.83	5538.52	0.37	17.64	-423.					
			2043.76	3.81	5474.29	0.37	17.64	-856.					
			2074.60	3.84	5556.90	0.37	17.64	-1043.					
			2065.06	3.85	5531.34	0.37	17.64	-179.					
			2080.86	3.85	5573.67	0.37	17.64	-119.					
			2075.86	3.84	5560.28	0.37	17.64	-1105.					
			2071.21	3.84	5547.81	0.37	17.64	-546.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA					
				2072.08	3.85	5550.14	0.37	17.64-1293.					
0	4	0	45.54	2073.81	0.04	5555.05	66.65	0.2162	556.7914	1.0000	0.0067	0.0034	WATCH OUT
				1503.51	3.34	3977.98	0.38	18.11 1338.					
				1591.80	3.47	4146.70	0.38	18.11 1400.					
0	4	1	39.32	1545.89	0.04	4062.34	88.29	0.2218	407.2802	1.0000	0.0285	0.0143	WATCH OUT
				799.64	2.83	1917.84	0.42	19.44 1183.					
				787.40	2.80	1885.40	0.42	19.44 1244.					
0	4	2	28.17	793.46	0.05	1901.62	12.23	0.2381	190.8162	1.0000	0.0077	0.0039	
				448.44	2.56	963.26	0.47	21.49 1087.					
				396.76	2.49	853.72	0.46	21.49 1028.					
0	4	3	20.54	421.88	0.06	908.49	51.68	0.2629	91.3190	1.0000	0.0612	0.0306	WATCH OUT
				1125.19	3.97	2145.27	0.52	24.09 880.					
				1126.71	3.90	2106.85	0.53	24.09 939.					
0	4	4	33.56	1125.96	0.06	2126.06	1.52	0.2942	214.3604	1.0000	0.0007	0.0003	
				327.63	3.24	533.50	0.61	27.08 796.					
				276.54	3.20	457.02	0.61	27.08 737.					
0	4	5	17.37	301.72	0.09	495.26	51.09	0.3300	50.1873	1.0000	0.0847	0.0424	WATCH OUT
				5077.76	8.92	7242.62	0.70	30.36 655.					
				4787.47	9.32	6932.48	0.69	30.36 597.					
0	4	6	70.28	4938.95	0.06	7087.55	290.29	0.3692	723.9496	1.0000	0.0293	0.0147	WATCH OUT
				3726.10	9.56	4631.13	0.80	33.87 525.					
				3590.55	10.07	4548.19	0.79	33.87 472.					
0	4	7	60.51	3661.87	0.08	4589.66	135.55	0.4106	474.4713	1.0000	0.0185	0.0092	WATCH OUT
				271.34	4.69	296.06	0.92	37.55 409.					
				216.81	4.57	240.45	0.90	37.55 358.					
0	4	8	15.60	243.39	0.15	268.26	54.53	0.4538	28.2213	1.0000	0.1119	0.0561	WATCH OUT
				1870.24	8.83	1784.45	1.05	41.39 306.					
				1700.63	8.91	1634.62	1.04	41.39 259.					
0	4	9	42.26	1786.14	0.10	1709.54	169.61	0.4982	184.3262	1.0000	0.0475	0.0238	WATCH OUT
				2.81	4.86	2.38	1.18	45.36 214.					
				13.03	4.49	11.22	1.16	45.36 169.					
0	4	10	0.00	0.00	0.00	6.80	10.22	0.5436	0.7580	1.0000	0.0000	0.0000	
				1086.86	8.94	825.04	1.32	49.45 99.					
				1379.59	9.38	1036.59	1.33	49.45 138.					
0	4	11	35.02	1226.29	0.13	930.82	292.73	0.5897	108.4089	1.0000	0.1191	0.0597	WATCH OUT
				1240.79	10.60	834.27	1.49	53.66 77.					
				1053.36	9.89	715.60	1.47	53.66 44.					
0	4	12	33.77	1140.53	0.15	774.94	187.43	0.6363	95.3644	1.0000	0.0818	0.0409	WATCH OUT
				39.36	5.69	24.05	1.64	57.99 11.					
				46.72	5.93	28.25	1.65	57.99 34.					
0	4	13	6.55	42.89	0.44	26.15	7.36	0.6834	3.4397	1.0000	0.0857	0.0429	
				5444.84	7.91	8972.24	0.61	26.91 1413.					
				4876.29	7.47	8141.48	0.60	26.91 1325.					
0	6	1	71.73	5144.54	0.05	8556.86	568.56	0.3281	866.8306	1.0000	0.0551	0.0275	WATCH OUT
				1276.30	4.60	2021.86	0.63	27.85 1257.					
				1182.21	4.36	1898.40	0.62	27.85 1170.					
0	6	2	35.02	1226.70	0.06	1960.13	94.10	0.3393	198.9525	1.0000	0.0382	0.0191	WATCH OUT
				2357.33	5.89	3563.39	0.66	29.35 1015.					
				2474.81	6.08	3688.84	0.67	29.35 1100.					
0	6	3	49.13	2414.12	0.06	3626.11	117.48	0.3571	369.3654	1.0000	0.0243	0.0122	WATCH OUT
				9686.72	11.61	13267.40	0.73	31.33 951.					
				9179.10	11.27	12833.90	0.72	31.33 867.					
0	6	4	97.08	9425.49	0.06	13050.65	507.62	0.3807	1336.9648	1.0000	0.0269	0.0135	WATCH OUT
				830.68	4.59	1063.48	0.78	33.73 721.					
				873.64	4.78	1095.11	0.80	33.73 808.					
0	6	5	29.18	851.33	0.08	1079.30	42.96	0.4091	111.5163	1.0000	0.0252	0.0126	WATCH OUT

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				62.92	3.66	72.51	0.87	36.48	585.					
				61.64	3.71	69.96	0.88	36.48	667.					
0	6	6	7.89	62.29	0.23	71.24	1.28	0.4412		7.4520	1.0000	0.0102	0.0051	
				9555.05	14.32	9773.42	0.98	39.50	460.					
				9782.19	14.53	9940.27	0.98	39.50	537.					
0	6	7	98.32	9666.92	0.07	9856.84	227.13	0.4765		1049.1104	1.0000	0.0117	0.0059	WATCH OUT
				9195.85	15.30	8434.50	1.09	42.77	420.					
				9061.46	15.30	8368.76	1.08	42.77	348.					
0	6	8	95.54	9128.65	0.08	8401.63	134.38	0.5141		915.6346	1.0000	0.0074	0.0037	WATCH OUT
				61.61	4.43	51.79	1.19	46.25	249.					
				58.99	4.62	48.69	1.21	46.25	316.					
0	6	9	7.77	60.36	0.29	50.24	2.61	0.5537		5.6504	1.0000	0.0216	0.0108	
				5039.12	13.75	3738.13	1.35	49.91	223.					
				4914.33	13.36	3695.16	1.33	49.91	160.					
0	6	10	70.53	4974.93	0.10	3716.65	124.79	0.5949		435.2996	1.0000	0.0125	0.0063	WATCH OUT
				6633.28	16.84	4448.18	1.49	53.75	145.					
				6376.74	16.40	4336.19	1.47	53.75	92.					
0	6	11	80.63	6501.60	0.10	4392.19	256.54	0.6373		541.1706	1.0000	0.0197	0.0099	WATCH OUT
				272.53	6.55	168.07	1.62	57.74	38.					
				300.49	6.51	182.67	1.65	57.74	83.					
0	6	12	16.93	286.60	0.19	175.37	27.96	0.6807		22.9673	1.0000	0.0488	0.0244	
				172.71	3.58	202.95	0.85	35.96	1313.					
0	8	1	13.14	172.71	0.14	202.95	0.00	0.4352		21.1755	1.0000	0.0000	0.0000	
				550.16	4.39	630.65	0.87	36.69	1155.					
				609.74	4.54	693.62	0.88	36.69	1269.					
0	8	2	24.06	578.95	0.09	662.13	59.58	0.4437		69.3381	1.0000	0.0514	0.0257	WATCH OUT
				7.72	3.48	8.43	0.91	37.87	1115.					
				12.27	3.41	13.52	0.91	37.87	1003.					
0	8	3	0.00	0.00	0.00	10.98	4.55	0.4575		1.1567	1.0000	0.0000	0.0000	
				395.11	4.49	405.99	0.97	39.48	853.					
				425.46	4.48	436.51	0.97	39.48	963.					
0	8	4	20.26	410.33	0.11	421.25	30.35	0.4761		44.8279	1.0000	0.0370	0.0185	WATCH OUT
				2.97	3.84	2.87	1.04	41.47	710.					
				3.98	3.82	3.83	1.04	41.47	820.					
0	8	5	0.00	0.00	0.00	3.35	1.01	0.4991		0.3613	1.0000	0.0000	0.0000	
				1721.11	7.69	1545.13	1.11	43.79	681.					
				1675.92	7.43	1520.02	1.10	43.79	575.					
0	8	6	41.20	1697.74	0.09	1532.58	45.18	0.5258		168.4551	1.0000	0.0133	0.0066	
				1548.91	7.91	1287.02	1.20	46.43	550.					
				1450.33	7.69	1218.00	1.19	46.43	450.					
0	8	7	38.71	1498.23	0.10	1252.51	98.59	0.5557		141.1094	1.0000	0.0329	0.0164	WATCH OUT
				86.12	4.87	65.43	1.32	49.33	432.					
				103.20	4.85	79.14	1.30	49.33	338.					
0	8	8	9.73	94.69	0.25	72.28	17.08	0.5883		8.4065	1.0000	0.0902	0.0452	
				820.41	7.36	578.56	1.42	52.47	237.					
				882.47	7.66	616.34	1.43	52.47	325.					
0	8	9	29.16	850.19	0.13	597.45	62.06	0.6232		72.3136	1.0000	0.0364	0.0182	WATCH OUT
				6.36	5.16	4.08	1.56	55.83	229.					
				2.57	5.14	1.67	1.54	55.83	154.					
0	8	10	0.00	0.00	0.00	2.87	3.79	0.6600		0.3650	1.0000	0.0000	0.0000	
				507.21	7.65	302.25	1.68	59.40	86.					
				528.55	7.51	311.54	1.70	59.40	151.					
0	8	11	22.76	518.07	0.17	306.89	21.34	0.6985		41.3128	1.0000	0.0206	0.0103	
				12.26	3.65	10.71	1.14	45.28	1302.					
0	10	1	0.00	0.00	0.00	10.71	0.00	0.5427		1.1927	1.0000	0.0000	0.0000	
				670.17	5.67	575.28	1.16	45.88	1144.					

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA						
				699.20	5.78	596.29	1.17	45.88	1280.					
0	10	2	26.16	684.40	0.11	585.78	29.03	0.5496		65.6394	1.0000	0.0212	0.0106	
				239.69	4.68	198.63	1.21	46.87	1125.					
				254.33	4.71	212.25	1.20	46.87	993.					
0	10	3	15.71	246.96	0.15	205.44	14.64	0.5608		23.2513	1.0000	0.0296	0.0148	
				55.64	4.30	43.94	1.27	48.23	972.					
				43.49	4.44	34.64	1.26	48.23	843.					
0	10	4	7.05	49.75	0.31	39.29	12.15	0.5761		4.5122	1.0000	0.1220	0.0613	
				87.34	4.49	65.78	1.33	49.94	829.					
				79.05	4.56	60.11	1.32	49.94	700.					
0	10	5	9.12	83.25	0.25	62.94	8.29	0.5952		7.3745	1.0000	0.0498	0.0249	
				237.76	5.26	171.32	1.39	51.97	566.					
				268.40	5.18	191.44	1.40	51.97	689.					
0	10	6	15.92	253.32	0.16	181.38	30.64	0.6177		21.8078	1.0000	0.0605	0.0303	
				458.03	6.17	307.61	1.49	54.30	558.					
				460.28	6.38	312.51	1.47	54.30	443.					
0	10	7	21.43	459.12	0.15	310.06	2.26	0.6434		38.5122	1.0000	0.0025	0.0012	
				18.21	4.71	11.60	1.57	56.91	332.					
				10.40	4.96	6.55	1.59	56.91	438.					
0	10	8	0.00	0.00	0.00	9.08	7.81	0.6717		1.1731	1.0000	0.0000	0.0000	
				110.25	5.59	65.74	1.68	59.77	232.					
				107.20	5.74	63.14	1.70	59.77	331.					
0	10	9	10.43	108.77	0.27	64.44	3.05	0.7025		8.7300	1.0000	0.0140	0.0070	
				549.89	6.44	371.03	1.48	54.95	1291.					
0	12	1	23.45	549.89	0.14	371.03	0.00	0.6504		46.5255	1.0000	0.0000	0.0000	
				25.11	4.64	16.57	1.52	55.47	1288.					
				1.46	4.85	0.97	1.50	55.47	1136.					
0	12	2	0.00	0.00	0.00	8.77	23.66	0.6561		1.1082	1.0000	0.0000	0.0000	
				1896.07	9.51	1224.28	1.55	56.34	1133.					
				1750.52	9.42	1142.12	1.53	56.34	985.					
0	12	3	42.69	1822.62	0.11	1183.20	145.55	0.6655		151.5479	1.0000	0.0399	0.0200	WATCH OUT
				1669.57	9.39	1058.82	1.58	57.54	836.					
				1738.51	9.50	1090.51	1.59	57.54	979.					
0	12	4	41.28	1703.64	0.11	1074.67	68.94	0.6785		140.2878	1.0000	0.0202	0.0101	WATCH OUT
				346.62	6.38	209.82	1.65	59.05	835.					
				332.32	6.38	203.50	1.63	59.05	695.					
0	12	5	18.42	339.47	0.17	206.66	14.30	0.6948		27.6586	1.0000	0.0211	0.0105	
				148.66	5.64	105.68	1.41	58.59	8.					
				133.48	6.73	83.52	1.60	58.59	5.					
1	1-14		11.93	142.40	0.26	94.60	15.18	0.6899		12.5647	1.0000	0.0517	0.0259	
				103.01	4.94	81.93	1.26	54.06	26.					
				89.39	5.56	62.55	1.43	54.06	20.					
1	1-13		9.85	97.00	0.27	72.24	13.62	0.6407		8.9408	1.0000	0.0693	0.0347	
				283.13	5.65	253.52	1.12	49.62	66.					
				258.04	6.32	203.24	1.27	49.62	55.					
1	1-12		16.49	272.00	0.18	228.38	25.09	0.5916		26.6528	1.0000	0.0455	0.0228	
				436.77	6.29	392.04	1.11	45.27	113.					
				472.26	5.74	477.36	0.99	45.27	125.					
1	1-11		21.36	456.15	0.14	434.70	35.49	0.5426		48.4234	1.0000	0.0386	0.0193	
				63.98	4.10	66.01	0.97	41.01	188.					
				62.62	3.71	72.52	0.86	41.01	199.					
1	1-10		7.95	63.23	0.25	69.27	1.36	0.4938		7.4481	1.0000	0.0106	0.0053	
				79.50	3.59	94.47	0.84	36.82	276.					
				74.40	3.34	98.89	0.75	36.82	287.					
1	1 -9		8.76	76.77	0.20	96.68	5.10	0.4453		10.1316	1.0000	0.0331	0.0165	
				354.43	4.58	543.24	0.65	32.72	392.					

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				411.13	5.07	564.59	0.73	32.72	380.					
1	1	-8	19.49	379.91	0.12	553.91	56.71	0.3971		57.0126	1.0000	0.0739	0.0369	WATCH OUT
				1672.09	6.63	2723.62	0.61	28.70	494.					
				1593.27	5.92	2859.63	0.56	28.70	507.					
1	1	-7	40.35	1628.22	0.08	2791.63	78.82	0.3494		283.9026	1.0000	0.0239	0.0119	WATCH OUT
				2.97	2.34	5.80	0.51	24.77	621.					
				3.66	2.25	7.73	0.47	24.77	635.					
1	1	-6	0.00	0.00	0.00	6.77	0.69	0.3024		0.6829	1.0000	0.0000	0.0000	
				138.09	2.07	329.51	0.42	20.96	758.					
				130.69	1.93	331.85	0.39	20.96	772.					
1	1	-5	11.58	134.14	0.09	330.68	7.40	0.2564		33.2222	1.0000	0.0274	0.0137	
				411.14	3.09	1208.81	0.34	17.31	901.					
				373.80	2.54	1157.65	0.32	17.31	915.					
1	1	-4	19.72	388.85	0.07	1183.23	37.34	0.2122		118.5771	1.0000	0.0462	0.0231	WATCH OUT
				5991.90	5.44	23450.20	0.26	13.95	1066.					
				6472.67	6.36	24764.80	0.26	13.95	1052.					
1	1	-3	78.71	6195.20	0.04	24107.50	480.77	0.1712		2412.9089	1.0000	0.0379	0.0189	WATCH OUT
				2967.06	3.31	14719.50	0.20	11.09	1220.					
				3230.30	3.50	15680.80	0.21	11.09	1205.					
1	1	-2	55.60	3091.36	0.03	15200.15	263.23	0.1362		1520.5548	1.0000	0.0424	0.0212	WATCH OUT
				245.10	1.18	1441.88	0.17	9.20	1364.					
				188.53	1.09	1132.50	0.17	9.20	1378.					
1	1	-1	14.65	214.49	0.04	1287.19	56.57	0.1130		128.7406	1.0000	0.1310	0.0656	WATCH OUT
				928.59	1.94	4888.70	0.19	10.34	1363.					
				1023.79	2.04	5394.65	0.19	10.34	1377.					
1	1	1	31.21	973.96	0.03	5141.68	95.20	0.1271		514.3054	1.0000	0.0488	0.0244	WATCH OUT
				6708.45	5.40	28061.50	0.24	12.95	1219.					
				6491.16	5.53	27112.50	0.24	12.95	1204.					
1	1	2	81.25	6602.23	0.03	27587.00	217.29	0.1590		2760.5317	1.0000	0.0164	0.0082	WATCH OUT
				1955.06	4.06	6273.03	0.31	16.19	1065.					
				1850.87	4.31	6057.13	0.31	16.19	1051.					
1	1	3	43.66	1906.09	0.05	6165.08	104.19	0.1985		617.5161	1.0000	0.0272	0.0136	WATCH OUT
				62.49	1.64	167.14	0.37	19.76	900.					
				77.25	1.68	199.77	0.39	19.76	914.					
1	1	4	8.35	69.69	0.10	183.46	14.75	0.2419		18.4129	1.0000	0.1058	0.0530	WATCH OUT
				34.93	2.24	73.40	0.48	23.52	771.					
				39.33	2.15	85.43	0.46	23.52	757.					
1	1	5	6.10	37.22	0.18	79.42	4.40	0.2874		8.0012	1.0000	0.0590	0.0295	
				863.42	4.68	1589.13	0.54	27.42	620.					
				1073.83	4.98	1905.04	0.56	27.42	634.					
1	1	6	31.02	962.09	0.08	1747.09	210.41	0.3341		177.1647	1.0000	0.1089	0.0545	WATCH OUT
				1069.47	5.95	1675.38	0.64	31.41	493.					
				1261.77	6.57	1896.73	0.67	31.41	506.					
1	1	7	34.00	1156.18	0.09	1786.06	192.30	0.3816		183.0159	1.0000	0.0824	0.0412	WATCH OUT
				28.22	3.31	36.67	0.77	35.49	391.					
				11.29	3.25	15.20	0.74	35.49	379.					
1	1	8	0.00	0.00	0.00	25.94	16.93	0.4297		2.7001	1.0000	0.0000	0.0000	
				4.89	3.60	5.43	0.90	39.65	286.					
				8.01	3.42	9.21	0.87	39.65	275.					
1	1	9	0.00	0.00	0.00	7.32	3.12	0.4781		0.7794	1.0000	0.0000	0.0000	
				322.51	5.31	326.85	0.99	43.88	187.					
				416.94	5.66	403.62	1.03	43.88	198.					
1	1	10	19.15	366.74	0.14	365.24	94.42	0.5268		40.1766	1.0000	0.1282	0.0642	WATCH OUT
				404.04	6.20	357.63	1.13	48.20	112.					
				511.34	6.68	432.83	1.18	48.20	124.					
1	1	11	21.30	453.72	0.15	395.23	107.30	0.5757		45.3765	1.0000	0.1176	0.0589	WATCH OUT

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF					
			F(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH					
			0.00	4.65	0.00	0.00	52.61	54.					
			0.00	4.86	0.00	0.00	52.61	65.					
1	1	12	0.00	0.00	0.00	0.00	0.6248		0.0000	1.0000	0.0000	0.0000	
			241.77	6.59	169.99	1.42	57.11	19.					
			339.65	6.32	228.48	1.49	57.11	25.					
1	1	13	17.11	292.76	0.19	199.24	97.88	0.6740	25.8336	1.0000	0.1669	0.0842	WATCH OUT
			7101.67	18.18	4726.85	1.50	55.70	32.					
			5949.40	17.12	3853.79	1.54	55.70	14.					
1	3	-13	80.57	6491.11	0.11	4290.32	1152.27	0.6586	544.1516	1.0000	0.0884	0.0442	WATCH OUT
			7724.18	17.55	5591.32	1.38	51.36	48.					
			8942.15	18.61	6663.32	1.34	51.36	74.					
1	3	-12	91.09	8297.29	0.10	6127.32	1217.97	0.6110	730.8290	1.0000	0.0731	0.0366	WATCH OUT
			256.64	5.51	210.83	1.22	47.14	104.					
			292.78	5.32	246.95	1.19	47.14	134.					
1	3	-11	16.59	275.37	0.16	228.89	36.14	0.5637	25.9773	1.0000	0.0655	0.0328	WATCH OUT
			0.00	6.01	0.00	0.00	43.02	174.					
			5.85	5.81	5.60	1.05	43.02	210.					
1	3	-10	0.00	0.00	0.00	5.60	5.85	0.5170	0.6112	1.0000	0.0000	0.0000	
			10723.80	15.38	11382.80	0.94	39.02	265.					
			10991.27	15.28	12050.60	0.91	39.02	298.					
1	3	-9	104.20	10858.39	0.07	11716.70	267.47	0.4708	1243.2336	1.0000	0.0123	0.0062	WATCH OUT
			154.44	4.50	186.82	0.83	35.13	368.					
			172.75	4.27	216.13	0.80	35.13	404.					
1	3	-8	12.81	164.08	0.17	201.47	18.30	0.4255	20.9406	1.0000	0.0556	0.0279	
			698.02	6.41	1008.74	0.69	31.39	520.					
			619.34	6.93	864.15	0.72	31.39	479.					
1	3	-7	25.72	661.75	0.13	936.44	78.68	0.3814	95.9501	1.0000	0.0591	0.0296	WATCH OUT
			5432.73	9.17	8783.39	0.62	27.81	604.					
			5434.61	8.67	9080.56	0.60	27.81	649.					
1	3	-6	73.71	5433.72	0.06	8931.97	1.89	0.3388	906.5167	1.0000	0.0002	0.0001	
			28464.18	16.16	55323.40	0.51	24.45	786.					
			28937.51	16.62	54145.80	0.53	24.45	744.					
1	3	-5	169.39	28694.26	0.05	54734.60	473.33	0.2985	5521.4731	1.0000	0.0082	0.0041	WATCH OUT
			4935.09	6.54	10858.50	0.45	21.38	887.					
			5012.91	6.45	11375.20	0.44	21.38	932.					
1	3	-4	70.53	4974.54	0.05	11116.85	77.82	0.2615	1117.3188	1.0000	0.0078	0.0039	WATCH OUT
			15228.46	10.21	38672.30	0.39	18.74	1035.					
			15330.74	10.08	40194.60	0.38	18.74	1080.					
1	3	-3	123.61	15280.25	0.04	39433.45	102.28	0.2295	3955.0159	1.0000	0.0033	0.0017	WATCH OUT
			14582.14	9.19	43510.90	0.34	16.70	1237.					
			14430.33	9.23	42164.70	0.34	16.70	1190.					
1	3	-2	120.44	14506.52	0.04	42837.80	151.81	0.2047	4291.7266	1.0000	0.0052	0.0026	WATCH OUT
			11577.91	7.87	37429.00	0.31	15.50	1393.					
			11519.37	7.92	36442.40	0.32	15.50	1346.					
1	3	-1	107.47	11548.84	0.04	36935.70	58.54	0.1901	3698.6338	1.0000	0.0025	0.0013	WATCH OUT
			137.36	1.45	427.91	0.32	16.21	1345.					
			153.17	1.53	458.91	0.33	16.21	1392.					
1	3	1	12.03	144.84	0.06	443.41	15.81	0.1988	44.4138	1.0000	0.0544	0.0272	WATCH OUT
			3732.40	4.97	10420.10	0.36	18.00	1189.					
			3986.44	5.24	10697.40	0.37	18.00	1236.					
1	3	2	62.07	3852.68	0.04	10558.75	254.04	0.2206	1058.5308	1.0000	0.0329	0.0164	WATCH OUT
			10171.76	8.80	24516.70	0.41	20.47	1034.					
			10772.53	9.12	24960.50	0.43	20.47	1079.					
1	3	3	102.28	10461.65	0.04	24738.60	600.77	0.2505	2484.3608	1.0000	0.0287	0.0143	WATCH OUT
			344.39	3.12	699.61	0.49	23.42	886.					
			374.14	3.06	734.38	0.51	23.42	931.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA					
1	3	4	18.96	359.52	0.08	717.00	29.75	0.2861	72.2270	1.0000	0.0414	0.0207	WATCH OUT
			20029.68		15.39	35336.90	0.57	26.70	743.				
			21125.29		15.56	35882.50	0.59	26.70	785.				
1	3	5	143.43	20571.37	0.05	35609.70	1095.61	0.3255	3605.8298	1.0000	0.0266	0.0133	WATCH OUT
			28434.02		19.66	41909.00	0.68	30.21	648.				
			26887.66		19.20	41170.00	0.65	30.21	603.				
1	3	6	166.26	27642.78	0.06	41539.50	1546.36	0.3674	4241.2192	1.0000	0.0280	0.0140	WATCH OUT
			3289.82		8.09	4201.30	0.78	33.91	519.				
			3002.85		7.78	4021.85	0.75	33.91	478.				
1	3	7	56.04	3140.68	0.07	4111.58	286.97	0.4111	425.1168	1.0000	0.0456	0.0228	WATCH OUT
			52.47		4.82	58.43	0.90	37.75	403.				
			43.16		4.82	50.06	0.86	37.75	367.				
1	3	8	6.92	47.82	0.35	54.25	9.30	0.4561	5.7130	1.0000	0.0973	0.0487	
			11323.68		17.66	10953.70	1.03	41.71	297.				
			9502.16		15.88	9527.23	1.00	41.71	264.				
1	3	9	101.57	10316.32	0.08	10240.47	1821.52	0.5020	1106.8367	1.0000	0.0873	0.0436	WATCH OUT
			750.54		6.58	672.25	1.12	45.79	173.				
			952.03		7.23	813.70	1.17	45.79	209.				
1	3	10	29.01	841.87	0.12	742.97	201.50	0.5485	83.1804	1.0000	0.1186	0.0594	WATCH OUT
			617.19		7.25	464.81	1.33	49.99	133.				
			469.19		6.90	371.69	1.26	49.99	103.				
1	3	11	23.23	539.63	0.15	418.25	148.00	0.5957	49.0285	1.0000	0.1368	0.0686	WATCH OUT
			449.75		8.68	302.98	1.48	54.29	73.				
			353.40		7.96	250.49	1.41	54.29	47.				
1	3	12	19.94	397.40	0.21	276.74	96.35	0.6432	34.3648	1.0000	0.1203	0.0602	WATCH OUT
			5753.58		17.92	3487.12	1.65	58.70	31.				
			4494.36		15.75	2866.52	1.57	58.70	13.				
1	3	13	71.02	5043.19	0.12	3176.82	1259.22	0.6911	422.7175	1.0000	0.1228	0.0614	WATCH OUT
			109.06		5.93	66.12	1.65	58.90	36.				
			115.83		5.85	69.15	1.68	58.90	10.				
1	5-13		10.61	112.49	0.28	67.63	6.76	0.6932	9.0296	1.0000	0.0301	0.0150	
			211.39		6.36	139.53	1.52	54.74	41.				
			231.65		6.29	155.33	1.49	54.74	81.				
1	5-12		14.89	221.65	0.21	147.43	20.26	0.6481	18.4285	1.0000	0.0457	0.0229	
			455.63		6.62	339.24	1.34	50.71	142.				
			447.80		6.58	328.11	1.36	50.71	96.				
1	5-11		21.25	451.70	0.16	333.68	7.83	0.6038	39.4683	1.0000	0.0087	0.0043	
			46.28		4.61	38.23	1.21	46.84	165.				
			50.33		4.49	41.87	1.20	46.84	219.				
1	5-10		6.95	48.36	0.33	40.05	4.05	0.5603	4.5309	1.0000	0.0419	0.0209	
			102.02		4.18	95.15	1.07	43.12	312.				
			94.19		4.36	85.93	1.10	43.12	254.				
1	5-9		9.91	98.27	0.22	90.54	7.83	0.5181	9.8954	1.0000	0.0398	0.0199	
			151.15		4.39	157.54	0.96	39.57	415.				
			115.75		4.49	117.95	0.98	39.57	353.				
1	5-8		11.57	133.85	0.19	137.74	35.39	0.4773	14.6672	1.0000	0.1321	0.0664	WATCH OUT
			1071.22		5.86	1240.91	0.86	36.23	467.				
			1098.67		5.67	1291.99	0.85	36.23	532.				
1	5-7		32.95	1085.39	0.09	1266.45	27.45	0.4384	132.3169	1.0000	0.0126	0.0063	
			11.70		3.07	15.46	0.76	33.12	662.				
			17.48		3.16	22.70	0.77	33.12	592.				
1	5-6		0.00	0.00	0.00	19.08	5.78	0.4019	1.9669	1.0000	0.0000	0.0000	
			64.59		2.96	95.30	0.68	30.31	803.				
			53.22		3.13	77.33	0.69	30.31	728.				
1	5-5		7.69	59.21	0.20	86.32	11.37	0.3686	8.8154	1.0000	0.0957	0.0480	
			167.52		2.86	272.85	0.61	27.85	946.				

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTH	NREF					
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH					
				143.26	2.87	229.62	0.62	27.85	874.					
1	5	-4	12.47	155.46	0.11	251.24	24.26	0.3393		25.5006	1.0000	0.0780	0.0391	WATCH OUT
				2710.45	5.62	4776.71	0.57	25.84	1022.					
				2937.02	5.78	5240.46	0.56	25.84	1094.					
1	5	-3	53.11	2820.70	0.05	5008.58	226.57	0.3153		506.3799	1.0000	0.0401	0.0201	WATCH OUT
				981.28	3.61	1846.68	0.53	24.38	1177.					
				1027.24	3.63	1958.25	0.52	24.38	1251.					
1	5	-2	31.69	1004.12	0.06	1902.47	45.96	0.2977		191.8977	1.0000	0.0229	0.0114	WATCH OUT
				239.91	2.39	475.49	0.50	23.56	1407.					
				199.58	2.33	390.29	0.51	23.56	1332.					
1	5	-1	14.81	219.22	0.08	432.89	40.32	0.2879		43.6152	1.0000	0.0919	0.0460	WATCH OUT
				845.10	3.45	1597.42	0.53	24.04	1406.					
				801.00	3.32	1557.02	0.51	24.04	1331.					
1	5	1	28.67	822.19	0.06	1577.22	44.10	0.2937		159.0144	1.0000	0.0268	0.0134	WATCH OUT
				3797.07	6.43	6779.11	0.56	25.31	1250.					
				3486.10	6.10	6400.40	0.54	25.31	1176.					
1	5	2	60.28	3633.44	0.05	6589.75	310.97	0.3088		665.6388	1.0000	0.0427	0.0213	WATCH OUT
				605.36	3.59	1020.40	0.59	27.15	1021.					
				675.94	3.65	1110.44	0.61	27.15	1093.					
1	5	3	25.30	640.09	0.07	1065.42	70.57	0.3309		107.9809	1.0000	0.0551	0.0276	WATCH OUT
				364.05	3.59	544.21	0.67	29.47	945.					
				357.86	3.50	549.05	0.65	29.47	873.					
1	5	4	19.00	360.87	0.09	546.63	6.18	0.3586		55.6995	1.0000	0.0086	0.0043	
				62.53	3.09	86.60	0.72	32.18	727.					
				84.11	3.02	112.67	0.75	32.18	802.					
1	5	5	8.58	73.55	0.18	99.64	21.58	0.3907		10.2357	1.0000	0.1466	0.0738	WATCH OUT
				863.46	4.88	1067.24	0.81	35.20	591.					
				856.19	5.01	1026.42	0.83	35.20	661.					
1	5	6	29.32	859.92	0.08	1046.83	7.26	0.4263		108.8376	1.0000	0.0042	0.0021	
				1108.74	6.27	1190.94	0.93	38.47	531.					
				1016.45	6.25	1125.96	0.90	38.47	466.					
1	5	7	32.59	1062.41	0.10	1158.45	92.29	0.4645		122.5142	1.0000	0.0434	0.0217	WATCH OUT
				82.41	4.21	78.02	1.06	41.95	414.					
				73.41	3.96	71.04	1.03	41.95	352.					
1	5	8	8.81	77.63	0.23	74.53	9.00	0.5047		8.0701	1.0000	0.0577	0.0289	
				5.95	4.28	5.03	1.18	45.62	311.					
				1.67	4.18	1.46	1.14	45.62	253.					
1	5	9	0.00	0.00	0.00	3.25	4.28	0.5465		0.3630	1.0000	0.0000	0.0000	
				150.87	5.00	118.28	1.28	49.44	164.					
				152.28	5.26	114.91	1.33	49.44	218.					
1	5	10	12.31	151.54	0.21	116.60	1.41	0.5896		13.5786	1.0000	0.0047	0.0023	
				298.08	6.21	210.42	1.42	53.42	95.					
				340.15	6.51	231.09	1.47	53.42	141.					
1	5	11	17.84	318.10	0.18	220.76	42.06	0.6337		27.0738	1.0000	0.0660	0.0330	WATCH OUT
				4.30	5.37	2.64	1.63	57.54	80.					
				12.92	5.00	8.24	1.57	57.54	40.					
1	5	12	0.00	0.00	0.00	5.44	8.62	0.6786		0.7104	1.0000	0.0000	0.0000	
				100.73	5.83	60.28	1.67	59.55	85.					
				95.57	6.08	56.40	1.69	59.55	37.					
1	7	-12	9.91	98.26	0.30	58.34	5.15	0.7001		7.8737	1.0000	0.0262	0.0131	
				125.85	5.51	81.22	1.55	55.76	89.					
				120.15	5.53	78.67	1.53	55.76	149.					
1	7	-11	11.09	123.01	0.25	79.95	5.70	0.6593		10.1483	1.0000	0.0232	0.0116	
				0.00	4.90	0.00	0.00	52.15	157.					
				6.72	4.68	4.82	1.39	52.15	227.					
1	7	-10	0.00	0.00	0.00	4.82	6.72	0.6197		0.5812	1.0000	0.0000	0.0000	

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	SIGAV	CINTAV	RANGE	SINTH/LA						
			37.95	4.49	29.41	1.29	48.74	245.					
			35.00	4.53	27.54	1.27	48.74	321.					
1	7	-9	6.04	36.49	0.37	28.47	2.95	0.5818	3.2893	1.0000	0.0404	0.0202	
			332.87	5.17	287.73	1.16	45.55	428.					
			347.46	5.33	298.20	1.17	45.55	343.					
1	7	-8	18.44	339.94	0.14	292.96	14.59	0.5458	32.7219	1.0000	0.0214	0.0107	
			1134.70	6.54	1075.11	1.06	42.60	543.					
			1105.70	6.53	1025.21	1.08	42.60	455.					
1	7	-7	33.47	1120.17	0.10	1050.16	28.99	0.5121	114.2876	1.0000	0.0129	0.0065	
			12.00	3.64	12.10	0.99	39.92	580.					
			0.55	3.68	0.57	0.97	39.92	676.					
1	7	-6	0.00	0.00	0.00	6.33	11.45	0.4813	0.6759	1.0000	0.0000	0.0000	
			448.59	4.37	505.26	0.89	37.55	815.					
			454.02	4.46	503.62	0.90	37.55	716.					
1	7	-5	21.24	451.25	0.10	504.44	5.43	0.4538	53.0692	1.0000	0.0060	0.0030	
			20.75	3.30	24.63	0.84	35.55	862.					
			21.24	3.25	25.61	0.83	35.55	958.					
1	7	-4	4.58	21.00	0.36	25.12	0.49	0.4304	2.6159	1.0000	0.0116	0.0058	
			2141.99	6.27	2749.28	0.78	33.96	1110.					
			2152.35	6.35	2708.16	0.79	33.96	1009.					
1	7	-3	46.34	2147.11	0.07	2728.72	10.37	0.4117	282.1953	1.0000	0.0024	0.0012	
			1332.21	5.18	1745.41	0.76	32.83	1161.					
			1432.50	5.19	1916.10	0.75	32.83	1264.					
1	7	-2	37.18	1382.30	0.07	1830.76	100.29	0.3984	188.5103	1.0000	0.0363	0.0181	WATCH OUT
			32.01	2.80	43.83	0.73	32.21	1423.					
			44.31	2.82	59.38	0.75	32.21	1319.					
1	7	-1	6.17	38.12	0.23	51.61	12.30	0.3911	5.3021	1.0000	0.1613	0.0812	
			87.21	2.96	115.00	0.76	32.57	1422.					
			69.68	2.91	94.12	0.74	32.57	1318.					
1	7	1	8.85	78.30	0.17	104.56	17.53	0.3954	10.7561	1.0000	0.1119	0.0561	
			1504.01	5.42	1961.79	0.77	33.54	1160.					
			1597.18	5.62	2033.64	0.79	33.54	1263.					
1	7	2	39.36	1548.90	0.07	1997.72	93.17	0.4068	206.2541	1.0000	0.0300	0.0150	WATCH OUT
			576.43	4.21	697.35	0.83	34.99	1109.					
			574.58	4.26	712.20	0.81	34.99	1008.					
1	7	3	23.99	575.51	0.09	704.78	1.85	0.4238	73.2050	1.0000	0.0016	0.0008	
			26.50	3.48	29.80	0.89	36.86	957.					
			28.45	3.46	32.84	0.87	36.86	861.					
1	7	4	5.24	27.48	0.33	31.32	1.95	0.4457	3.2825	1.0000	0.0354	0.0177	
			4.87	3.54	5.09	0.96	39.12	814.					
			0.00	3.59	0.00	0.00	39.12	715.					
1	7	5	0.00	0.00	0.00	5.09	4.87	0.4720	0.5400	1.0000	0.0000	0.0000	
			360.05	4.67	348.60	1.03	41.70	579.					
			368.22	4.67	350.90	1.05	41.70	675.					
1	7	6	19.08	364.13	0.12	349.75	8.16	0.5018	37.7988	1.0000	0.0112	0.0056	
			271.86	4.92	245.04	1.11	44.57	454.					
			268.86	4.95	233.82	1.15	44.57	542.					
1	7	7	16.44	270.37	0.15	239.43	3.00	0.5346	26.4984	1.0000	0.0055	0.0028	
			91.07	4.59	72.41	1.26	47.69	427.					
			82.61	4.55	68.08	1.21	47.69	342.					
1	7	8	9.32	86.80	0.25	70.25	8.46	0.5699	8.0194	1.0000	0.0487	0.0244	
			4.51	4.67	3.26	1.38	51.03	320.					
			12.37	4.49	9.22	1.34	51.03	244.					
1	7	9	0.00	0.00	0.00	6.24	7.86	0.6073	0.7409	1.0000	0.0000	0.0000	
			314.08	6.19	213.63	1.47	54.57	156.					
			343.60	6.06	226.47	1.52	54.57	226.					

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA						
1	7	10	18.14	329.13	0.17	220.05	29.52	0.6463		27.4401	1.0000	0.0448	0.0224	
			321.34		6.74	193.54	1.66	58.30	148.					
			308.08		6.75	191.48	1.61	58.30	88.					
1	7	11	17.74	314.72	0.19	192.51	13.26	0.6868		25.4463	1.0000	0.0211	0.0105	
			31.67		5.42	19.43	1.63	58.70	231.					
			25.79		5.69	15.61	1.65	58.70	153.					
1	9	-10	0.00	0.00	0.00	17.52	5.88	0.6910		2.3314	1.0000	0.0000	0.0000	
			3891.69		13.37	2538.22	1.53	55.57	234.					
			3998.86		13.38	2644.71	1.51	55.57	329.					
1	9	-9	62.81	3945.22	0.11	2591.47	107.17	0.6572		328.0277	1.0000	0.0136	0.0068	WATCH OUT
			395.45		6.03	281.44	1.41	52.68	436.					
			396.92		5.95	278.45	1.43	52.68	335.					
1	9	-8	19.90	396.19	0.15	279.95	1.47	0.6256		33.9832	1.0000	0.0019	0.0009	
			577.83		6.55	434.58	1.33	50.05	447.					
			600.40		6.11	458.30	1.31	50.05	555.					
1	9	-7	24.29	589.90	0.13	446.44	22.56	0.5964		52.3764	1.0000	0.0190	0.0095	
			1654.46		8.07	1338.30	1.24	47.71	571.					
			1704.30		8.25	1392.90	1.22	47.71	686.					
1	9	-6	40.97	1678.83	0.10	1365.60	49.84	0.5701		155.9318	1.0000	0.0148	0.0074	WATCH OUT
			11941.72		17.84	10346.50	1.15	45.67	825.					
			11524.13		17.72	9878.56	1.17	45.67	705.					
1	9	-5	108.31	11731.52	0.08	10112.53	417.59	0.5472		1130.8199	1.0000	0.0178	0.0089	WATCH OUT
			744.65		5.75	678.33	1.10	43.98	968.					
			735.05		5.66	662.20	1.11	43.98	848.					
1	9	-4	27.20	739.77	0.10	670.27	9.61	0.5279		73.7916	1.0000	0.0065	0.0032	
			1748.11		7.21	1662.83	1.05	42.66	1120.					
			1677.25		7.22	1556.99	1.08	42.66	998.					
1	9	-3	41.39	1712.77	0.09	1609.91	70.86	0.5128		175.2880	1.0000	0.0207	0.0103	WATCH OUT
			6447.85		11.95	6312.03	1.02	41.74	1275.					
			6092.26		11.95	5819.03	1.05	41.74	1150.					
1	9	-2	79.18	6270.17	0.08	6065.53	355.59	0.5022		655.6949	1.0000	0.0284	0.0142	WATCH OUT
			3283.23		9.08	3185.97	1.03	41.23	1308.					
1	9	-1	57.30	3283.23	0.08	3185.97	0.00	0.4964		343.1289	1.0000	0.0000	0.0000	
			299.49		4.33	291.95	1.03	41.53	1307.					
1	9	1	17.31	299.49	0.12	291.95	0.00	0.4998		31.5113	1.0000	0.0000	0.0000	
			2538.60		8.23	2378.07	1.07	42.31	1274.					
			2387.70		8.14	2272.65	1.05	42.31	1149.					
1	9	2	49.62	2462.36	0.08	2325.36	150.90	0.5089		252.4985	1.0000	0.0306	0.0153	WATCH OUT
			2330.93		8.30	2105.99	1.11	43.51	1119.					
			2211.38		8.17	2030.77	1.09	43.51	997.					
1	9	3	47.65	2270.22	0.09	2068.38	119.55	0.5225		226.7958	1.0000	0.0263	0.0132	WATCH OUT
			68.63		4.19	60.90	1.13	45.09	847.					
			64.02		4.37	54.89	1.17	45.09	967.					
1	9	4	8.15	66.42	0.26	57.89	4.61	0.5405		6.4379	1.0000	0.0346	0.0173	
			5452.39		12.73	4577.65	1.19	47.01	704.					
			5639.96		13.24	4575.05	1.23	47.01	824.					
1	9	5	74.45	5542.53	0.09	4576.35	187.57	0.5623		518.7053	1.0000	0.0169	0.0084	WATCH OUT
			9158.64		17.32	7175.07	1.28	49.26	570.					
			9543.40		18.07	7218.85	1.32	49.26	685.					
1	9	6	96.66	9342.85	0.09	7196.96	384.76	0.5876		836.3753	1.0000	0.0206	0.0103	WATCH OUT
			1376.84		8.39	1007.57	1.37	51.80	446.					
			1441.48		8.63	1018.61	1.42	51.80	554.					
1	9	7	37.53	1408.26	0.11	1013.09	64.64	0.6159		121.5322	1.0000	0.0229	0.0115	WATCH OUT
			52.93		5.24	34.81	1.52	54.61	435.					
			57.63		4.96	39.24	1.47	54.61	334.					
1	9	8	7.44	55.41	0.34	37.03	4.70	0.6467		4.6196	1.0000	0.0423	0.0212	

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF					
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH				
			3595.27		13.58	2195.29	1.64	57.66	328.				
			3461.97		13.05	2188.78	1.58	57.66	233.				
1	9	9	59.38	3526.00	0.11	2192.04	133.30	0.6799	286.7440	1.0000	0.0189	0.0094	WATCH OUT
			484.64		6.59	297.21	1.63	58.36	441.				
			498.69		6.44	311.85	1.60	58.36	561.				
1	11	-7	22.18	491.83	0.15	304.53	14.05	0.6874	40.2947	1.0000	0.0143	0.0071	
			17.15		4.79	11.06	1.55	56.26	563.				
			10.15		4.93	6.67	1.52	56.26	693.				
1	11	-6	0.00	0.00	0.00	8.87	7.00	0.6647	1.1342	1.0000	0.0000	0.0000	
			238.65		5.57	164.10	1.45	54.46	833.				
			221.11		5.88	149.00	1.48	54.46	697.				
1	11	-5	15.18	230.35	0.19	156.55	17.54	0.6451	19.4908	1.0000	0.0380	0.0190	
			10.38		4.49	7.41	1.40	52.98	977.				
			20.51		4.48	14.35	1.43	52.98	840.				
1	11	-4	0.00	0.00	0.00	10.88	10.13	0.6289	1.3262	1.0000	0.0000	0.0000	
			674.92		6.51	486.47	1.39	51.84	989.				
			714.75		6.41	526.16	1.36	51.84	1130.				
1	11	-3	26.37	695.14	0.12	506.32	39.83	0.6163	60.7680	1.0000	0.0286	0.0143	WATCH OUT
			472.03		5.47	354.99	1.33	51.05	1285.				
			447.95		5.45	329.70	1.36	51.05	1140.				
1	11	-2	21.45	459.93	0.13	342.35	24.08	0.6075	40.6664	1.0000	0.0262	0.0131	
			20.96		4.29	15.61	1.34	50.62	1298.				
1	11	-1	0.00	0.00	0.00	15.61	0.00	0.6027	1.8440	1.0000	0.0000	0.0000	
			30.77		4.22	23.13	1.33	50.87	1297.				
1	11	1	5.55	30.77	0.38	23.13	0.00	0.6055	2.7416	1.0000	0.0000	0.0000	
			432.91		5.56	319.71	1.35	51.54	1139.				
			461.23		5.85	330.81	1.39	51.54	1284.				
1	11	2	21.13	446.35	0.13	325.26	28.32	0.6130	38.8866	1.0000	0.0316	0.0158	
			195.23		4.74	140.35	1.39	52.58	988.				
			194.54		5.22	135.81	1.43	52.58	1129.				
1	11	3	13.96	194.92	0.18	138.08	0.69	0.6244	16.7371	1.0000	0.0018	0.0009	
			30.32		4.53	21.04	1.44	53.95	839.				
			40.28		4.50	27.15	1.48	53.95	976.				
1	11	4	5.94	35.34	0.38	24.09	9.96	0.6395	2.9773	1.0000	0.1409	0.0708	
			10.22		4.72	6.60	1.55	55.65	832.				
			0.35		4.87	0.23	1.50	55.65	696.				
1	11	5	0.00	0.00	0.00	3.42	9.87	0.6581	0.4330	1.0000	0.0000	0.0000	
			112.07		5.39	71.05	1.58	57.65	562.				
			119.21		5.31	73.37	1.62	57.65	692.				
1	11	6	10.76	115.69	0.25	72.21	7.13	0.6798	9.4441	1.0000	0.0308	0.0154	
			80.97		5.61	47.27	1.71	59.95	560.				
			95.96		5.03	57.70	1.66	59.95	440.				
1	11	7	9.45	89.28	0.28	52.49	14.99	0.7043	7.1315	1.0000	0.0830	0.0417	
			3974.61		13.95	2854.41	1.39	58.64	7.				
2	0	-14	63.04	3974.61	0.11	2854.41	0.00	0.6904	379.3995	1.0000	0.0000	0.0000	
			279.10		7.23	223.05	1.25	54.22	23.				
2	0	-13	16.71	279.10	0.22	223.05	0.00	0.6425	27.6721	1.0000	0.0000	0.0000	
			417.37		6.02	373.30	1.12	49.92	63.				
2	0	-12	20.43	417.37	0.15	373.30	0.00	0.5950	43.7263	1.0000	0.0000	0.0000	
			705.36		5.82	711.91	0.99	45.73	121.				
2	0	-11	26.56	705.36	0.11	711.91	0.00	0.5479	79.6556	1.0000	0.0000	0.0000	
			8226.53		13.90	9398.09	0.88	41.65	194.				
2	0	-10	90.70	8226.53	0.08	9398.09	0.00	0.5013	1015.3380	1.0000	0.0000	0.0000	
			32.70		4.06	42.71	0.77	37.69	282.				
2	0	-9	5.72	32.70	0.35	42.71	0.00	0.4554	4.4971	1.0000	0.0000	0.0000	
			2835.46		6.98	4205.37	0.67	33.85	386.				

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTH	NREF					
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH					
2	0	-8	53.25	2835.46	0.07	4205.37	0.00	0.4104		434.7183	1.0000	0.0000	0.0000	
			24104.97		17.00	41213.80	0.58	30.16	501.					
2	0	-7	155.26	24104.97	0.05	41213.80	0.00	0.3668		4207.3428	1.0000	0.0000	0.0000	
			18098.60		13.63	35699.00	0.51	26.65	629.					
2	0	-6	134.53	18098.60	0.05	35699.00	0.00	0.3249		3614.5320	1.0000	0.0000	0.0000	
			299.53		2.71	683.37	0.44	23.37	766.					
2	0	-5	17.31	299.53	0.08	683.37	0.00	0.2856		68.8356	1.0000	0.0000	0.0000	
			9684.16		8.10	25673.30	0.38	20.43	909.					
2	0	-4	98.41	9684.16	0.04	25673.30	0.00	0.2501		2578.1450	1.0000	0.0000	0.0000	
			3529.35		4.59	10763.70	0.33	17.97	1060.					
2	0	-3	59.41	3529.35	0.04	10763.70	0.00	0.2202		1079.0592	1.0000	0.0000	0.0000	
			131.33		1.35	447.29	0.29	16.19	1213.					
2	0	-2	11.46	131.33	0.06	447.29	0.00	0.1986		44.8019	1.0000	0.0000	0.0000	
			826.40		2.19	2982.26	0.28	15.32	-1044.					
			820.87		2.16	2962.30	0.28	15.32	-486.					
			819.73		2.16	2958.18	0.28	15.32	-120.					
			825.15		2.19	2977.74	0.28	15.32	-240.					
			825.86		2.19	2980.31	0.28	15.32	-919.					
			823.64		2.20	2972.31	0.28	15.32	-1106.					
			820.00		2.18	2959.14	0.28	15.32	-61.					
			820.29		2.17	2960.20	0.28	15.32	-424.					
			820.32		2.18	2960.30	0.28	15.32	-547.					
			823.21		2.18	2970.76	0.28	15.32	-1169.					
			826.90		2.20	2984.07	0.28	15.32	-609.					
			815.98		2.18	2944.66	0.28	15.32	-180.					
			824.32		2.20	2974.74	0.28	15.32	-301.					
			821.41		2.18	2964.25	0.28	15.32	-733.					
			820.14		2.19	2959.67	0.28	15.32	-1357.					
			822.24		2.20	2967.25	0.28	15.32	-1294.					
			825.38		2.20	2978.56	0.28	15.32	-982.					
			819.63		2.18	2957.81	0.28	15.32	-3.					
			823.43		2.20	2971.52	0.28	15.32	-857.					
			801.64		2.17	2892.89	0.28	15.32	-1419.					
			826.12		2.20	2981.24	0.28	15.32	1371.					
			822.10		2.19	2966.72	0.28	15.32	-670.					
			826.71		2.19	2983.37	0.28	15.32	-363.					
			825.76		2.18	2979.94	0.28	15.32	-794.					
			828.70		2.17	2990.57	0.28	15.32	-1231.					
2	0	-1	28.67	822.21	0.04	2967.23	27.07	0.1880		297.1114	1.0000	0.0042	0.0021	WATCH OUT
			13784.71		8.67	44245.50	0.31	16.73	1370.					
2	0	1	117.41	13784.71	0.04	44245.50	0.00	0.2051		4432.8135	1.0000	0.0000	0.0000	
			14522.51		9.55	40679.20	0.36	18.78	1211.					
2	0	2	120.51	14522.51	0.04	40679.20	0.00	0.2300		4080.0613	1.0000	0.0000	0.0000	
			4608.45		6.01	11189.70	0.41	21.43	1058.					
2	0	3	67.89	4608.45	0.04	11189.70	0.00	0.2621		1124.6908	1.0000	0.0000	0.0000	
			26509.84		15.14	55208.70	0.48	24.50	907.					
2	0	4	162.82	26509.84	0.05	55208.70	0.00	0.2991		5569.7144	1.0000	0.0000	0.0000	
			4777.38		7.98	8617.77	0.55	27.86	764.					
2	0	5	69.12	4777.38	0.06	8617.77	0.00	0.3394		874.7319	1.0000	0.0000	0.0000	
			575.12		5.98	899.02	0.64	31.44	627.					
2	0	6	23.98	575.12	0.12	899.02	0.00	0.3820		92.1317	1.0000	0.0000	0.0000	
			164.04		3.91	222.82	0.74	35.19	499.					
2	0	7	12.81	164.04	0.15	222.82	0.00	0.4262		23.1661	1.0000	0.0000	0.0000	
			9670.37		13.85	11529.70	0.84	39.08	384.					
2	0	8	98.34	9670.37	0.07	11529.70	0.00	0.4715		1223.8530	1.0000	0.0000	0.0000	
			0.00		5.19	0.00	0.00	43.08	280.					

H	K	L	F**2		SIGMA	CINT	G CORR	TWO TH	N REF	ZACH				
			F(AV)	FS(AV)						SIGAV	CINTAV	RANGE	SINTH/LA	
2	0	9	0.00	0.00	0.00	0.00	0.00	0.5177		0.0000	1.0000	0.0000	0.0000	
			475.62		5.32	435.89	1.09	47.20	192.					
2	0	10	21.81	475.62	0.12	435.89	0.00	0.5644		49.5035	1.0000	0.0000	0.0000	
			7058.66		15.98	5700.40	1.24	51.43	116.					
2	0	11	84.02	7058.66	0.10	5700.40	0.00	0.6117		680.4883	1.0000	0.0000	0.0000	
			5441.17		15.74	3933.21	1.38	55.77	58.					
2	0	12	73.76	5441.17	0.11	3933.21	0.00	0.6594		499.3721	1.0000	0.0000	0.0000	
			136.15		5.44	95.54	1.43	59.42	9.					
			165.78		6.06	103.47	1.60	59.42	4.					
2	2	-14	12.22	149.36	0.24	99.51	29.63	0.6988		13.4015	1.0000	0.0980	0.0490	
			341.46		6.79	266.23	1.28	55.05	29.					
			337.84		7.30	234.21	1.44	55.05	17.					
2	2	-13	18.43	339.78	0.19	250.22	3.61	0.6515		31.4240	1.0000	0.0053	0.0026	
			1467.15		9.97	1135.87	1.29	50.80	52.					
			1323.50		8.89	1152.74	1.15	50.80	71.					
2	2	-12	37.24	1387.09	0.13	1144.31	143.65	0.6047		135.4984	1.0000	0.0511	0.0255	WATCH OUT
			135.99		5.07	119.08	1.14	46.67	109.					
			128.07		4.28	124.50	1.03	46.67	130.					
2	2	-11	11.46	131.36	0.20	121.79	7.92	0.5584		13.7550	1.0000	0.0293	0.0146	
			746.29		6.92	740.64	1.01	42.66	183.					
			728.83		6.46	803.40	0.91	42.66	205.					
2	2	-10	27.15	736.96	0.12	772.02	17.46	0.5128		84.0583	1.0000	0.0118	0.0059	
			1260.46		6.61	1417.11	0.89	38.78	271.					
			1124.54		5.82	1401.05	0.80	38.78	293.					
2	2	-9	34.41	1183.96	0.09	1409.08	135.92	0.4680		149.2962	1.0000	0.0565	0.0282	WATCH OUT
			1351.94		6.61	1911.74	0.71	35.04	398.					
			1353.77		7.52	1727.38	0.78	35.04	374.					
2	2	-8	36.78	1352.73	0.10	1819.56	1.83	0.4244		189.0443	1.0000	0.0007	0.0003	
			4889.20		8.88	7858.62	0.62	31.47	514.					
			5296.95		10.12	7698.85	0.69	31.47	488.					
2	2	-7	71.18	5066.39	0.07	7778.74	407.75	0.3824		797.2427	1.0000	0.0396	0.0198	WATCH OUT
			1269.35		4.32	2333.92	0.54	28.11	643.					
			1441.60		4.91	2432.63	0.59	28.11	615.					
2	2	-6	36.67	1344.52	0.06	2383.27	172.26	0.3424		242.0435	1.0000	0.0630	0.0315	WATCH OUT
			422.56		2.78	885.52	0.48	25.02	780.					
			421.67		3.00	824.96	0.51	25.02	752.					
2	2	-5	20.55	422.15	0.07	855.24	0.89	0.3054		86.3485	1.0000	0.0010	0.0005	
			910.19		3.04	2170.25	0.42	22.28	926.					
			985.41		3.21	2201.74	0.45	22.28	895.					
2	2	-4	30.75	945.68	0.05	2186.00	75.22	0.2724		219.9113	1.0000	0.0396	0.0198	WATCH OUT
			161.70		1.73	432.89	0.37	20.04	1074.					
			163.91		1.81	411.39	0.40	20.04	1046.					
2	2	-3	12.76	162.75	0.07	422.14	2.21	0.2453		42.3782	1.0000	0.0068	0.0034	
			1399.18		3.17	3839.87	0.36	18.45	1198.					
			1266.32		2.96	3705.06	0.34	18.45	1228.					
2	2	-2	36.44	1328.13	0.04	3772.47	132.86	0.2261		378.2960	1.0000	0.0498	0.0249	WATCH OUT
			1425.41		3.10	4135.22	0.34	17.69	1354.					
			1279.35		2.89	3881.66	0.33	17.69	1386.					
2	2	-1	36.71	1347.47	0.04	4008.44	146.07	0.2168		401.7838	1.0000	0.0540	0.0270	WATCH OUT
			1047.24		2.87	2838.10	0.37	18.93	1384.					
			954.87		2.75	2674.65	0.36	18.93	1352.					
2	2	1	31.61	999.12	0.04	2756.38	92.36	0.2318		276.4877	1.0000	0.0461	0.0231	WATCH OUT
			22.78		1.54	57.74	0.39	20.77	1196.					
			23.83		1.53	58.45	0.41	20.77	1226.					
2	2	2	4.83	23.31	0.16	58.10	1.05	0.2541		5.8356	1.0000	0.0225	0.0112	
			1428.53		3.91	3028.68	0.47	23.20	1072.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF					
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH				
			1312.39		3.68	2925.20	0.45	23.20 1041.					
2	2	3	36.97	1366.95	0.05	2976.94	116.14	0.2835	299.8012	1.0000	0.0423	0.0212	WATCH OUT
			36.57		2.39	68.06	0.54	26.08 924.					
			24.54		2.27	48.01	0.51	26.08 893.					
2	2	4	5.50	30.23	0.21	58.04	12.03	0.3180	5.8700	1.0000	0.1985	0.0999	
			2818.80		6.58	4607.90	0.61	29.27 778.					
			2715.31		6.39	4610.63	0.59	29.27 750.					
2	2	5	52.59	2765.51	0.06	4609.27	103.49	0.3562	469.4230	1.0000	0.0187	0.0093	WATCH OUT
			5329.52		10.38	7589.25	0.70	32.71 641.					
			4860.93		9.84	7218.66	0.67	32.71 613.					
2	2	6	71.29	5082.56	0.07	7403.96	468.60	0.3970	762.0464	1.0000	0.0460	0.0230	WATCH OUT
			113.83		4.36	148.07	0.77	36.34 483.					
			155.97		4.68	194.91	0.80	36.34 512.					
2	2	7	11.55	133.37	0.20	171.49	42.14	0.4397	17.9276	1.0000	0.1571	0.0788	WATCH OUT
			1579.32		7.54	1772.28	0.89	40.13 372.					
			1690.00		8.10	1832.39	0.92	40.13 396.					
2	2	8	40.38	1630.75	0.10	1802.34	110.68	0.4837	192.6256	1.0000	0.0338	0.0169	WATCH OUT
			255.48		5.21	255.58	1.00	44.06 269.					
			293.00		5.87	280.38	1.05	44.06 291.					
2	2	9	16.49	272.03	0.17	267.98	37.53	0.5288	29.5237	1.0000	0.0680	0.0340	WATCH OUT
			594.80		6.48	502.03	1.18	48.11 203.					
			544.04		6.26	478.28	1.14	48.11 181.					
2	2	10	23.84	568.55	0.13	490.15	50.76	0.5747	56.2183	1.0000	0.0446	0.0223	WATCH OUT
			1476.18		10.43	1113.68	1.33	52.29 128.					
			1280.25		9.69	1005.66	1.27	52.29 107.					
2	2	11	37.03	1371.00	0.14	1059.67	195.93	0.6212	127.9428	1.0000	0.0711	0.0355	WATCH OUT
			55.53		5.89	37.63	1.48	56.58 69.					
			39.64		5.47	27.96	1.42	56.58 50.					
2	2	12	6.86	47.00	0.41	32.79	15.89	0.6682	4.2164	1.0000	0.1681	0.0844	
			6.73		4.87	4.59	1.46	57.48 35.					
			4.12		5.34	2.59	1.59	57.48 12.					
2	4	13	0.00	0.00	0.00	3.59	2.61	0.6779	0.4681	1.0000	0.0000	0.0000	
			388.01		6.10	293.65	1.32	53.36 78.					
			404.78		6.99	281.70	1.44	53.36 45.					
2	4	12	19.88	395.26	0.16	287.67	16.78	0.6330	35.2513	1.0000	0.0208	0.0104	
			304.07		5.50	256.04	1.19	49.39 139.					
			318.84		5.86	246.61	1.29	49.39 100.					
2	4	11	17.63	310.98	0.16	251.32	14.77	0.5890	29.2491	1.0000	0.0236	0.0118	
			7.67		3.97	6.65	1.15	45.56 170.					
			0.00		4.01	0.00	0.00	45.56 215.					
2	4	10	0.00	0.00	0.00	6.65	7.67	0.5459	0.7433	1.0000	0.0000	0.0000	
			108.37		3.98	105.01	1.03	41.90 260.					
			90.62		3.89	95.12	0.95	41.90 307.					
2	4	9	9.96	99.29	0.20	100.06	17.75	0.5041	10.8303	1.0000	0.0893	0.0447	
			566.63		4.85	668.92	0.85	38.42 410.					
			623.66		5.48	682.53	0.91	38.42 359.					
2	4	8	24.32	591.65	0.11	675.72	57.02	0.4639	71.4414	1.0000	0.0475	0.0237	WATCH OUT
			616.66		4.63	754.10	0.82	35.15 473.					
			602.98		4.24	795.74	0.76	35.15 526.					
2	4	7	24.68	609.23	0.09	774.92	13.68	0.4257	80.5507	1.0000	0.0111	0.0056	
			14.12		2.85	19.26	0.73	32.14 598.					
			6.13		2.66	9.07	0.68	32.14 656.					
2	4	6	0.00	0.00	0.00	14.17	7.98	0.3902	1.4550	1.0000	0.0000	0.0000	
			44.33		2.77	68.02	0.65	29.43 738.					
			43.59		2.58	71.62	0.61	29.43 797.					
2	4	5	6.63	43.93	0.20	69.82	0.74	0.3582	7.1138	1.0000	0.0084	0.0042	

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF					
			F(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH					
			733.57	3.47	1326.06	0.55	27.12	940.					
			809.03	3.80	1364.82	0.59	27.12	881.					
2	4	-4	27.71	0.07	1345.44	75.46	0.3306		136.3529	1.0000	0.0487	0.0244	WATCH OUT
			2798.85	5.47	5175.90	0.54	25.29	1029.					
			2666.26	5.22	5231.60	0.51	25.29	1088.					
2	4	-3	52.24	0.05	5203.75	132.59	0.3086		525.6187	1.0000	0.0242	0.0121	WATCH OUT
			245.69	2.38	510.63	0.48	24.03	1245.					
			237.12	2.38	464.30	0.51	24.03	1184.					
2	4	-2	15.54	0.08	487.47	8.56	0.2935		49.1453	1.0000	0.0177	0.0089	
			524.88	2.79	1056.63	0.50	23.45	1339.					
			460.54	2.64	984.44	0.47	23.45	1401.					
2	4	-1	22.16	0.06	1020.54	64.34	0.2865		102.8079	1.0000	0.0653	0.0327	WATCH OUT
			1926.10	4.65	3703.19	0.52	24.40	1399.					
			1760.99	4.35	3546.21	0.50	24.40	1337.					
2	4	1	42.87	0.05	3624.70	165.11	0.2980		365.6263	1.0000	0.0447	0.0224	WATCH OUT
			3314.42	6.06	5970.80	0.56	25.87	1243.					
			3195.30	5.81	6024.82	0.53	25.87	1182.					
2	4	2	57.03	0.05	5997.81	119.12	0.3156		606.4230	1.0000	0.0183	0.0091	WATCH OUT
			37.20	2.58	61.58	0.60	27.89	1086.					
			43.87	2.56	75.54	0.58	27.89	1027.					
2	4	3	6.37	0.20	68.56	6.66	0.3397		6.9596	1.0000	0.0821	0.0411	
			402.11	3.48	603.67	0.67	30.35	938.					
			397.87	3.38	621.34	0.64	30.35	879.					
2	4	4	20.00	0.09	612.50	4.24	0.3691		62.5620	1.0000	0.0053	0.0026	
			15.15	2.83	21.32	0.71	33.17	736.					
			25.79	2.94	34.59	0.75	33.17	795.					
2	4	5	4.50	0.32	27.95	10.63	0.4024		2.8820	1.0000	0.2618	0.1329	
			1388.85	5.81	1736.54	0.80	36.28	596.					
			1454.13	6.03	1739.56	0.84	36.28	654.					
2	4	6	37.69	0.08	1738.05	65.28	0.4390		181.6343	1.0000	0.0229	0.0115	WATCH OUT
			408.04	5.02	446.94	0.91	39.63	471.					
			408.26	4.85	431.41	0.95	39.63	524.					
2	4	7	20.20	0.12	439.18	0.22	0.4779		46.7806	1.0000	0.0003	0.0001	
			69.36	4.02	68.08	1.02	43.17	357.					
			78.35	4.09	74.20	1.06	43.17	408.					
2	4	8	8.59	0.24	71.14	8.99	0.5187		7.7786	1.0000	0.0609	0.0305	
			33.42	3.94	28.21	1.18	46.89	305.					
			27.78	3.73	24.73	1.12	46.89	258.					
2	4	9	5.52	0.35	26.47	5.64	0.5610		2.9967	1.0000	0.0923	0.0462	
			222.13	5.50	176.69	1.26	50.77	168.					
			249.25	5.83	187.93	1.33	50.77	213.					
2	4	10	15.33	0.18	182.31	27.12	0.6044		21.5812	1.0000	0.0575	0.0288	
			184.89	5.95	132.60	1.39	54.80	98.					
			203.07	6.37	138.04	1.47	54.80	137.					
2	4	11	13.91	0.22	135.32	18.18	0.6488		16.9307	1.0000	0.0468	0.0234	
			42.73	5.97	26.30	1.63	58.97	76.					
			46.06	5.39	29.90	1.54	58.97	43.					
2	4	12	6.68	0.43	28.10	3.32	0.6939		3.7555	1.0000	0.0369	0.0185	
			32.66	5.27	21.43	1.52	57.45	84.					
			37.60	5.41	23.43	1.60	57.45	39.					
2	6-12		5.92	0.45	22.43	4.93	0.6776		2.9241	1.0000	0.0703	0.0352	
			970.62	7.85	699.15	1.39	53.69	146.					
			1007.75	7.93	689.27	1.46	53.69	93.					
2	6-11		31.45	0.13	694.21	37.13	0.6366		85.4630	1.0000	0.0188	0.0094	
			2650.11	10.81	1991.70	1.33	50.11	161.					
			2611.30	10.25	2068.45	1.26	50.11	224.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA					
2	6	-10	51.28	2629.68	0.10	2030.07	38.80	0.5970	238.3218	1.0000	0.0074	0.0037	
			421.85	5.43	366.42	1.15	46.72	317.					
			414.52	5.67	345.35	1.20	46.72	250.					
2	6	-9	20.45	418.34	0.14	355.88	7.33	0.5590	40.2155	1.0000	0.0087	0.0044	
			2355.70	8.42	2155.61	1.09	43.56	349.					
			2288.01	8.39	2194.40	1.04	43.56	421.					
2	6	-8	48.18	2321.74	0.09	2175.01	67.69	0.5231	238.5808	1.0000	0.0146	0.0073	WATCH OUT
			8768.25	14.15	8779.50	1.00	40.64	461.					
			8771.84	13.88	9211.90	0.95	40.64	538.					
2	6	-7	93.65	8770.08	0.07	8995.70	3.59	0.4896	964.7396	1.0000	0.0002	0.0001	
			15766.48	17.11	17339.50	0.91	38.00	586.					
			15709.19	16.86	18038.40	0.87	38.00	671.					
2	6	-6	125.45	15737.41	0.07	17688.95	57.28	0.4590	1865.6312	1.0000	0.0018	0.0009	
			139.13	3.71	165.43	0.84	35.69	722.					
			143.13	3.58	177.82	0.80	35.69	809.					
2	6	-5	11.88	141.20	0.15	171.62	4.00	0.4321	17.8845	1.0000	0.0141	0.0071	
			1030.35	4.68	1380.74	0.75	33.77	952.					
			1009.56	4.86	1293.27	0.78	33.77	868.					
2	6	-4	31.94	1020.35	0.07	1337.01	20.78	0.4095	138.1641	1.0000	0.0102	0.0051	
			8029.94	10.69	10859.20	0.74	32.28	1016.					
			8170.06	10.49	11566.10	0.71	32.28	1101.					
2	6	-3	90.01	8101.30	0.06	11212.65	140.12	0.3920	1152.3015	1.0000	0.0086	0.0043	WATCH OUT
			409.10	3.63	574.23	0.71	31.29	1171.					
			421.12	3.52	619.20	0.68	31.29	1258.					
2	6	-2	20.38	415.30	0.09	596.72	12.02	0.3802	61.1222	1.0000	0.0145	0.0072	
			2668.67	6.13	3995.91	0.67	30.83	1414.					
			2636.77	6.27	3766.42	0.70	30.83	1326.					
2	6	-1	51.51	2653.09	0.06	3881.17	31.90	0.3748	396.9914	1.0000	0.0060	0.0030	
			9838.95	11.24	14279.40	0.69	31.58	1324.					
			10772.80	12.05	14967.70	0.72	31.58	1412.					
2	6	1	101.36	10273.48	0.06	14623.55	933.85	0.3837	1499.3004	1.0000	0.0452	0.0226	WATCH OUT
			937.02	4.63	1247.05	0.75	32.76	1256.					
			884.57	4.45	1229.82	0.72	32.76	1166.					
2	6	2	30.16	909.75	0.08	1238.44	52.45	0.3975	127.4846	1.0000	0.0288	0.0144	WATCH OUT
			5168.78	8.96	6776.29	0.76	34.40	1014.					
			5430.13	9.35	6813.96	0.80	34.40	1099.					
2	6	3	72.76	5293.89	0.06	6795.13	261.36	0.4169	704.0255	1.0000	0.0246	0.0123	WATCH OUT
			19255.02	18.01	22424.70	0.86	36.47	950.					
			18538.50	17.38	22409.70	0.83	36.47	866.					
2	6	4	137.42	18884.09	0.06	22417.20	716.52	0.4411	2344.9070	1.0000	0.0189	0.0095	WATCH OUT
			580.86	5.06	624.26	0.93	38.90	807.					
			552.40	4.92	616.30	0.90	38.90	720.					
2	6	5	23.80	566.22	0.10	620.28	28.46	0.4694	65.7682	1.0000	0.0251	0.0126	
			90.72	3.92	91.02	1.00	41.64	584.					
			93.55	4.13	90.81	1.03	41.64	666.					
2	6	6	9.59	92.06	0.21	90.92	2.82	0.5011	9.8210	1.0000	0.0153	0.0076	
			496.27	5.35	440.19	1.13	44.65	536.					
			468.36	5.33	431.68	1.08	44.65	459.					
2	6	7	21.96	482.27	0.12	435.93	27.92	0.5355	48.2805	1.0000	0.0289	0.0145	
			3102.68	10.34	2606.32	1.19	47.89	347.					
			3126.78	10.69	2527.32	1.24	47.89	419.					
2	6	8	55.81	3114.32	0.09	2566.82	24.10	0.5722	293.6926	1.0000	0.0039	0.0019	
			431.30	6.11	326.52	1.32	51.35	248.					
			463.42	6.16	340.06	1.36	51.35	315.					
2	6	9	21.15	447.21	0.15	333.29	32.12	0.6108	39.7448	1.0000	0.0359	0.0180	
			339.32	6.37	226.89	1.50	55.00	222.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH					
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA						
			352.50		5.76	243.11	1.45	55.00	159.					
2	6	10	18.62	346.57	0.16	235.00	13.17	0.6510		29.4892	1.0000	0.0188	0.0094	
			2750.02		12.23	1731.14	1.59	58.82	91.					
			2864.77		12.60	1748.83	1.64	58.82	144.					
2	6	11	52.97	2805.72	0.12	1739.98	114.75	0.6923		231.9876	1.0000	0.0204	0.0102	WATCH OUT
			137.89		5.60	81.97	1.68	59.34	87.					
			113.86		5.67	71.07	1.60	59.34	152.					
2	8	-11	11.23	126.02	0.25	76.52	24.03	0.6979		10.2914	1.0000	0.0953	0.0478	
			11.18		4.93	7.19	1.55	56.01	155.					
			0.00		4.97	0.00	0.00	56.01	230.					
2	8	-10	0.00	0.00	0.00	7.19	11.18	0.6620		0.9167	1.0000	0.0000	0.0000	
			122.88		4.94	89.80	1.37	52.90	326.					
			111.51		5.23	77.58	1.44	52.90	241.					
2	8	-9	10.84	117.52	0.23	83.69	11.37	0.6279		10.1892	1.0000	0.0482	0.0241	
			310.38		5.34	244.81	1.27	50.03	433.					
			297.88		5.46	223.61	1.33	50.03	339.					
2	8	-8	17.44	304.27	0.15	234.21	12.49	0.5961		27.4692	1.0000	0.0205	0.0103	
			412.75		5.19	347.92	1.19	47.42	551.					
			398.00		5.39	324.81	1.23	47.42	451.					
2	8	-7	20.14	405.65	0.13	336.37	14.75	0.5670		38.2915	1.0000	0.0182	0.0091	
			3.72		3.95	3.25	1.15	45.11	576.					
			8.70		3.71	7.84	1.11	45.11	682.					
2	8	-6	0.00	0.00	0.00	5.55	4.98	0.5408		0.6168	1.0000	0.0000	0.0000	
			112.84		3.94	104.28	1.08	43.13	711.					
			104.92		3.93	101.02	1.04	43.13	821.					
2	8	-5	10.43	108.87	0.19	102.65	7.93	0.5181		11.2196	1.0000	0.0364	0.0182	
			183.51		3.96	185.85	0.99	41.50	964.					
			178.29		4.01	173.23	1.03	41.50	854.					
2	8	-4	13.45	180.93	0.15	179.54	5.22	0.4995		19.3740	1.0000	0.0144	0.0072	
			895.64		5.52	904.82	0.99	40.26	1004.					
			951.14		5.40	1001.94	0.95	40.26	1116.					
2	8	-3	30.40	923.98	0.09	953.38	55.50	0.4852		101.9795	1.0000	0.0300	0.0150	WATCH OUT
			152.54		3.70	165.02	0.92	39.44	1270.					
			152.20		3.83	157.85	0.96	39.44	1156.					
2	8	-2	12.34	152.38	0.15	161.44	0.34	0.4758		17.1756	1.0000	0.0011	0.0006	
			217.61		3.90	230.11	0.95	39.07	1314.					
2	8	-1	14.75	217.61	0.13	230.11	0.00	0.4714		24.4246	1.0000	0.0000	0.0000	
			607.70		4.83	641.77	0.95	39.68	1312.					
2	8	1	24.65	607.70	0.10	641.77	0.00	0.4785		68.3845	1.0000	0.0000	0.0000	
			1132.57		5.94	1126.58	1.01	40.65	1268.					
			1041.45		5.60	1066.93	0.98	40.65	1154.					
2	8	2	32.93	1084.36	0.09	1096.76	91.13	0.4897		117.6314	1.0000	0.0419	0.0209	WATCH OUT
			11.24		3.51	11.04	1.02	42.03	1002.					
			9.37		3.66	8.94	1.05	42.03	1114.					
2	8	3	0.00	0.00	0.00	9.99	1.87	0.5056		1.0819	1.0000	0.0000	0.0000	
			198.57		4.29	185.73	1.07	43.79	852.					
			213.83		4.37	192.99	1.11	43.79	962.					
2	8	4	14.35	206.05	0.15	189.36	15.25	0.5257		20.8128	1.0000	0.0370	0.0185	
			39.71		4.02	34.92	1.14	45.89	709.					
			32.94		4.10	27.95	1.18	45.89	819.					
2	8	5	6.03	36.39	0.34	31.44	6.77	0.5497		3.5233	1.0000	0.0929	0.0466	
			837.56		6.46	680.06	1.23	48.31	574.					
			853.97		6.59	674.47	1.27	48.31	680.					
2	8	6	29.08	845.60	0.11	677.26	16.41	0.5769		77.8519	1.0000	0.0097	0.0048	
			132.04		4.80	96.95	1.36	51.01	549.					
			112.73		4.72	85.08	1.33	51.01	449.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH			
			F(AV)	SIGAV	CINTAV	RANGE	SINTH/LA					
2	8	7	11.06	0.22	91.01	19.31	0.6071		10.8065	1.0000	0.0790	0.0395
			74.79	4.87	52.29	1.43	53.97	337.				
			71.94	5.16	48.94	1.47	53.97	431.				
2	8	8	8.57	0.29	50.62	2.85	0.6397		6.2565	1.0000	0.0193	0.0097
			4.38	4.87	2.83	1.55	57.16	236.				
			0.00	5.22	0.00	0.00	57.16	324.				
2	8	9	0.00	0.00	2.83	4.38	0.6745		0.3675	1.0000	0.0000	0.0000
			295.73	6.08	192.99	1.53	57.55	439.				
			305.46	6.68	190.15	1.61	57.55	333.				
2	10	-8	17.32	0.18	191.57	9.73	0.6786		25.0120	1.0000	0.0161	0.0080
			925.39	7.68	609.78	1.52	55.20	444.				
			902.55	7.29	623.73	1.45	55.20	559.				
2	10	-7	30.22	0.12	616.76	22.84	0.6531		77.6263	1.0000	0.0125	0.0062
			102.36	4.90	71.05	1.44	53.14	567.				
			104.04	4.78	75.77	1.37	53.14	690.				
2	10	-6	10.16	0.24	73.41	1.68	0.6306		8.9670	1.0000	0.0081	0.0041
			182.69	5.08	132.72	1.38	51.39	701.				
			180.58	4.67	137.70	1.31	51.39	830.				
2	10	-5	13.47	0.18	135.21	2.11	0.6112		16.1317	1.0000	0.0058	0.0029
			30.73	4.41	23.19	1.33	49.97	844.				
			43.43	4.04	34.42	1.26	49.97	973.				
2	10	-4	6.13	0.34	28.80	12.70	0.5955		3.3756	1.0000	0.1674	0.0846
			147.67	4.55	120.54	1.23	48.90	1126.				
			153.36	4.75	119.14	1.29	48.90	994.				
2	10	-3	12.26	0.19	119.84	5.70	0.5836		13.8686	1.0000	0.0189	0.0094
			155.18	4.51	122.91	1.26	48.21	1145.				
			149.79	4.34	124.72	1.20	48.21	1281.				
2	10	-2	12.34	0.18	123.82	5.39	0.5757		14.2158	1.0000	0.0177	0.0088
			4.48	3.95	3.62	1.24	47.89	1303.				
2	10	-1	0.00	0.00	3.62	0.00	0.5722		0.4139	1.0000	0.0000	0.0000
			247.11	4.73	199.36	1.24	48.41	1301.				
2	10	1	15.72	0.15	199.36	0.00	0.5780		22.9413	1.0000	0.0000	0.0000
			120.78	4.33	95.26	1.27	49.24	1143.				
			118.50	4.39	90.96	1.30	49.24	1279.				
2	10	2	10.94	0.20	93.11	2.28	0.5873		10.8172	1.0000	0.0095	0.0048
			191.62	4.91	146.35	1.31	50.43	992.				
			214.56	4.90	159.52	1.35	50.43	1124.				
2	10	3	14.25	0.17	152.94	22.94	0.6006		18.0264	1.0000	0.0565	0.0283
			93.96	4.82	68.91	1.36	51.97	842.				
			93.04	4.70	66.44	1.40	51.97	971.				
2	10	4	9.67	0.25	67.68	0.92	0.6177		8.1363	1.0000	0.0049	0.0025
			298.04	5.63	208.38	1.43	53.83	699.				
			311.35	5.95	212.02	1.47	53.83	828.				
2	10	5	17.44	0.17	210.20	13.31	0.6382		25.9304	1.0000	0.0218	0.0109
			1173.00	8.44	757.27	1.55	55.99	688.				
			1190.85	8.32	789.17	1.51	55.99	565.				
2	10	6	34.38	0.12	773.22	17.85	0.6618		98.5106	1.0000	0.0075	0.0038
			42.46	5.25	25.87	1.64	58.44	557.				
			44.62	5.54	27.90	1.60	58.44	442.				
2	10	7	6.59	0.41	26.89	2.15	0.6883		3.5621	1.0000	0.0247	0.0124
			745.07	7.27	472.60	1.58	59.08	983.				
			749.49	7.46	452.93	1.65	59.08	837.				
2	12	-4	27.34	0.13	462.77	4.42	0.6951		61.9609	1.0000	0.0030	0.0015
			1549.31	8.78	1004.93	1.54	58.13	1134.				
			1481.03	9.32	914.89	1.62	58.13	986.				
2	12	-3	38.95	0.12	959.91	68.28	0.6849		126.5201	1.0000	0.0224	0.0112

WATCH OUT

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				46.62	4.97	29.22	1.60	57.51	1137.					
				59.03	4.67	38.87	1.52	57.51	1289.					
2	12	-2	7.29	53.21	0.33	34.04	12.41	0.6782		4.4422	1.0000	0.1162	0.0584	
				136.31	4.92	86.01	1.58	57.23	1295.					
2	12	-1	11.68	136.31	0.21	86.01	0.00	0.6752		11.1727	1.0000	0.0000	0.0000	
				2254.93	10.55	1438.17	1.57	57.69	1290.					
2	12	1	47.49	2254.93	0.11	1438.17	0.00	0.6802		188.2098	1.0000	0.0000	0.0000	
				523.17	6.61	319.68	1.64	58.43	1287.					
				488.27	6.44	306.15	1.59	58.43	1135.					
2	12	2	22.48	505.25	0.15	312.92	34.90	0.6881		41.4460	1.0000	0.0345	0.0173	
				639.17	7.46	381.25	1.68	59.49	1132.					
				610.97	7.22	373.93	1.63	59.49	984.					
2	12	3	24.99	624.61	0.15	377.59	28.20	0.6995		50.9083	1.0000	0.0225	0.0113	
				68.44	4.93	52.68	1.30	56.07	27.					
				76.74	5.08	56.14	1.37	56.07	21.					
3	1	-13	8.51	72.47	0.29	54.41	8.30	0.6626		6.9404	1.0000	0.0572	0.0286	
				227.53	5.41	184.56	1.23	52.00	56.					
				222.07	5.05	189.47	1.17	52.00	67.					
3	1	-12	14.99	224.61	0.17	187.02	5.46	0.6180		22.4935	1.0000	0.0121	0.0060	
				79.85	4.02	75.76	1.05	48.08	126.					
				93.88	4.07	84.71	1.11	48.08	114.					
3	1	-11	9.32	86.77	0.22	80.23	14.03	0.5743		9.1987	1.0000	0.0808	0.0405	
				55.56	3.62	59.08	0.94	44.31	200.					
				65.15	3.76	66.31	0.98	44.31	189.					
3	1	-10	7.76	60.18	0.24	62.70	9.59	0.5316		6.9222	1.0000	0.0795	0.0398	
				48.08	3.60	54.58	0.88	40.70	277.					
				46.28	3.33	55.10	0.84	40.70	288.					
3	1	-9	6.86	47.11	0.25	54.84	1.80	0.4903		5.8842	1.0000	0.0190	0.0095	
				1300.12	5.62	1738.24	0.75	37.29	393.					
				1389.04	6.00	1773.15	0.78	37.29	381.					
3	1	-8	36.63	1341.72	0.08	1755.70	88.92	0.4508		184.4424	1.0000	0.0330	0.0165	WATCH OUT
				285.27	3.39	405.70	0.70	34.10	495.					
				282.05	3.27	418.05	0.67	34.10	508.					
3	1	-7	16.84	283.60	0.10	411.87	3.21	0.4134		42.6201	1.0000	0.0057	0.0028	
				316.30	3.22	500.79	0.63	31.19	622.					
				282.78	3.07	466.43	0.61	31.19	636.					
3	1	-6	17.28	298.74	0.09	483.61	33.51	0.3790		49.5208	1.0000	0.0560	0.0280	WATCH OUT
				82.02	2.40	149.90	0.55	28.61	773.					
				74.94	2.48	132.02	0.57	28.61	759.					
3	1	-5	8.87	78.59	0.14	140.96	7.08	0.3483		14.3319	1.0000	0.0450	0.0225	
				1440.26	4.07	2869.54	0.50	26.44	916.					
				1645.83	4.38	3185.94	0.52	26.44	902.					
3	1	-4	39.19	1535.51	0.05	3027.74	205.57	0.3225		306.4424	1.0000	0.0666	0.0333	WATCH OUT
				3186.44	5.38	6825.71	0.47	24.80	1067.					
				3485.77	5.68	7256.41	0.48	24.80	1053.					
3	1	-3	57.69	3327.95	0.05	7041.06	299.33	0.3027		710.6526	1.0000	0.0448	0.0224	WATCH OUT
				69.70	1.78	152.18	0.46	23.76	1206.					
				72.47	1.79	162.79	0.45	23.76	1221.					
3	1	-2	8.43	71.08	0.11	157.48	2.78	0.2902		15.8712	1.0000	0.0195	0.0098	
				372.82	2.29	851.11	0.44	23.41	1379.					
				416.03	2.47	923.43	0.45	23.41	1365.					
3	1	-1	19.82	392.79	0.06	887.27	43.21	0.2861		89.3790	1.0000	0.0547	0.0273	WATCH OUT
				2087.72	4.60	4238.78	0.49	24.84	1376.					
				1982.27	4.48	4088.32	0.48	24.84	1362.					
3	1	1	45.10	2033.62	0.05	4163.55	105.45	0.3032		420.2525	1.0000	0.0259	0.0130	WATCH OUT
				1747.27	4.55	3296.97	0.53	26.50	1218.					

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA						
				1768.03	4.55	3388.34	0.52	26.50	1203.					
3	1	2	41.92	1757.66	0.05	3342.66	20.76	0.3232		338.3523	1.0000	0.0059	0.0030	
				16.33	2.30	28.12	0.58	28.68	1064.					
				10.61	2.34	18.55	0.57	28.68	1050.					
3	1	3	0.00	0.00	0.00	23.33	5.72	0.3492		2.3729	1.0000	0.0000	0.0000	
				64.00	2.71	99.33	0.64	31.27	913.					
				58.62	2.70	92.39	0.63	31.27	899.					
3	1	4	7.83	61.30	0.17	95.86	5.37	0.3800		9.8185	1.0000	0.0438	0.0219	
				254.57	3.36	360.41	0.71	34.20	756.					
				283.96	3.36	395.92	0.72	34.20	770.					
3	1	5	16.41	269.27	0.10	378.17	29.39	0.4145		39.1471	1.0000	0.0546	0.0273	WATCH OUT
				874.99	5.03	1108.13	0.79	37.39	619.					
				855.25	5.20	1066.15	0.80	37.39	633.					
3	1	6	29.42	865.45	0.09	1087.14	19.74	0.4519		114.2699	1.0000	0.0114	0.0057	
				8.04	3.44	8.95	0.90	40.81	492.					
				3.06	3.52	3.36	0.91	40.81	505.					
3	1	7	0.00	0.00	0.00	6.15	4.98	0.4915		0.6607	1.0000	0.0000	0.0000	
				44.33	3.92	43.32	1.02	44.42	390.					
				41.84	3.91	41.73	1.00	44.42	378.					
3	1	8	6.56	43.09	0.30	42.52	2.49	0.5329		4.6998	1.0000	0.0288	0.0144	
				195.23	4.76	169.40	1.15	48.19	285.					
				177.60	4.75	157.49	1.13	48.19	274.					
3	1	9	13.65	186.40	0.17	163.44	17.63	0.5756		18.7628	1.0000	0.0473	0.0237	
				450.80	6.09	359.40	1.25	52.12	186.					
				461.75	6.22	360.28	1.28	52.12	197.					
3	1	10	21.36	456.16	0.14	359.84	10.95	0.6194		43.3497	1.0000	0.0120	0.0060	
				48.85	5.24	34.39	1.42	56.20	123.					
				58.58	5.10	42.13	1.39	56.20	111.					
3	1	11	7.34	53.84	0.35	38.26	9.73	0.6640		4.8895	1.0000	0.0903	0.0453	
				251.84	5.69	183.23	1.37	57.68	33.					
				277.36	6.26	182.07	1.52	57.68	15.					
3	3-13		16.23	263.38	0.18	182.65	25.52	0.6800		23.8985	1.0000	0.0480	0.0240	
				5599.06	14.34	4495.64	1.25	53.69	75.					
				6235.88	15.56	4517.05	1.38	53.69	49.					
3	3-12		76.76	5891.64	0.10	4506.35	636.82	0.6367		554.7980	1.0000	0.0537	0.0268	WATCH OUT
				4625.82	12.69	3707.86	1.25	49.86	105.					
				4145.51	11.51	3683.53	1.13	49.86	135.					
3	3-11		66.05	4362.33	0.09	3695.70	480.31	0.5943		432.5694	1.0000	0.0545	0.0273	WATCH OUT
				58.69	4.10	52.60	1.12	46.20	175.					
				49.96	3.82	48.86	1.02	46.20	211.					
3	3-10		7.35	54.01	0.27	50.73	8.73	0.5532		5.7026	1.0000	0.0804	0.0402	
				8762.60	14.17	8753.33	1.00	42.73	266.					
				8060.89	13.09	8804.05	0.92	42.73	302.					
3	3-9		91.56	8383.96	0.07	8778.69	701.71	0.5136		956.3676	1.0000	0.0416	0.0208	WATCH OUT
				9174.38	13.43	10155.70	0.90	39.46	369.					
				8399.84	12.34	10164.80	0.83	39.46	405.					
3	3-8		93.57	8754.58	0.07	10160.25	774.54	0.4760		1081.1050	1.0000	0.0439	0.0220	WATCH OUT
				37.58	2.99	50.25	0.75	36.44	521.					
				42.88	3.26	52.56	0.82	36.44	480.					
3	3-7		6.32	40.00	0.25	51.40	5.30	0.4408		5.3759	1.0000	0.0657	0.0328	
				732.90	4.28	991.21	0.74	33.70	605.					
				671.41	3.94	990.01	0.68	33.70	650.					
3	3-6		26.45	699.62	0.08	990.61	61.49	0.4087		102.3395	1.0000	0.0436	0.0218	WATCH OUT
				9301.23	10.94	13744.40	0.68	31.31	745.					
				8569.72	10.04	13805.10	0.62	31.31	787.					
3	3-5		94.36	8904.36	0.06	13774.75	731.51	0.3804		1411.0209	1.0000	0.0408	0.0204	WATCH OUT

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF					
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH				
			2179.92		5.29	3796.69	0.57	29.32	933.				
			2375.00		5.67	3846.24	0.62	29.32	888.				
3	3	-4	47.65	2270.54	0.06	3821.47	195.08	0.3569	389.2435	1.0000	0.0427	0.0214	WATCH OUT
			1120.85		4.15	1928.96	0.58	27.84	1036.				
			1025.94		3.81	1898.41	0.54	27.84	1081.				
3	3	-3	32.70	1069.32	0.06	1913.69	94.91	0.3391	194.2331	1.0000	0.0441	0.0220	WATCH OUT
			4995.86		7.28	8941.98	0.56	26.91	1191.				
			4491.07		6.63	8640.89	0.52	26.91	1238.				
3	3	-2	68.70	4719.82	0.05	8791.44	504.79	0.3280	890.5878	1.0000	0.0530	0.0265	WATCH OUT
			13895.32		11.63	25212.30	0.55	26.60	1347.				
			12202.54		10.55	23794.30	0.51	26.60	1394.				
3	3	-1	113.87	12966.18	0.05	24503.30	1692.79	0.3243	2480.7444	1.0000	0.0647	0.0323	WATCH OUT
			1023.35		3.99	1825.04	0.56	27.87	1344.				
			1095.23		4.15	1886.30	0.58	27.87	1391.				
3	3	1	32.53	1057.88	0.06	1855.67	71.88	0.3395	188.3600	1.0000	0.0339	0.0170	WATCH OUT
			2432.04		5.71	3942.57	0.62	29.38	1235.				
			2309.81		5.49	3876.33	0.60	29.38	1188.				
3	3	2	48.67	2368.50	0.06	3909.45	122.23	0.3575	398.2597	1.0000	0.0258	0.0129	WATCH OUT
			8687.11		10.36	13480.90	0.64	31.37	1033.				
			9251.42		10.88	13785.80	0.67	31.37	1078.				
3	3	3	94.63	8955.40	0.06	13633.35	564.31	0.3812	1396.8300	1.0000	0.0314	0.0157	WATCH OUT
			820.83		4.40	1119.89	0.73	33.78	930.				
			775.69		4.22	1101.95	0.70	33.78	885.				
3	3	4	28.24	797.31	0.08	1110.92	45.14	0.4096	114.8040	1.0000	0.0283	0.0141	WATCH OUT
			62.18		3.17	79.75	0.78	36.52	742.				
			61.62		3.35	76.16	0.81	36.52	784.				
3	3	5	7.87	61.92	0.21	77.95	0.55	0.4418	8.1561	1.0000	0.0045	0.0022	
			9043.45		13.13	10302.50	0.88	39.56	602.				
			9453.16		13.69	10409.40	0.91	39.56	647.				
3	3	6	96.12	9239.67	0.07	10355.95	409.71	0.4771	1102.6002	1.0000	0.0221	0.0111	WATCH OUT
			8265.16		13.80	8503.56	0.97	42.83	477.				
			8661.10		14.29	8614.16	1.01	42.83	518.				
3	3	7	91.96	8456.20	0.08	8558.86	395.94	0.5148	933.1852	1.0000	0.0234	0.0117	WATCH OUT
			44.93		4.13	41.75	1.08	46.31	366.				
			60.47		4.09	54.04	1.12	46.31	402.				
3	3	8	7.26	52.76	0.28	47.89	15.54	0.5544	5.3892	1.0000	0.1473	0.0741	
			4604.62		12.48	3820.24	1.21	49.97	263.				
			4885.43		13.08	3902.79	1.25	49.97	296.				
3	3	9	68.84	4738.49	0.09	3861.52	280.82	0.5955	452.5974	1.0000	0.0296	0.0148	WATCH OUT
			5776.07		14.79	4333.26	1.33	53.81	172.				
			6183.81		15.80	4468.41	1.38	53.81	208.				
3	3	10	77.24	5966.43	0.10	4400.83	407.74	0.6379	542.7200	1.0000	0.0340	0.0170	WATCH OUT
			260.70		6.20	170.88	1.53	57.80	132.				
			255.49		5.79	173.81	1.47	57.80	102.				
3	3	11	16.06	257.92	0.19	172.34	5.21	0.6814	22.5946	1.0000	0.0101	0.0050	
			119.37		5.30	77.41	1.54	56.97	42.				
			98.21		5.15	68.65	1.43	56.97	82.				
3	5-12		10.41	108.47	0.25	73.03	21.16	0.6724	9.4472	1.0000	0.0975	0.0488	
			42.40		4.31	32.48	1.31	53.30	143.				
			44.62		4.76	31.70	1.41	53.30	97.				
3	5-11		6.59	43.40	0.34	32.09	2.22	0.6324	3.9292	1.0000	0.0253	0.0126	
			54.65		4.53	42.58	1.28	49.83	166.				
			58.29		4.12	48.97	1.19	49.83	220.				
3	5-10		7.53	56.64	0.29	45.78	3.63	0.5939	5.3557	1.0000	0.0318	0.0159	
			62.16		4.29	53.63	1.16	46.56	255.				
			58.19		4.15	53.97	1.08	46.56	313.				

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTH	NREF				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH				
3	5	-9	7.75	60.10	0.27	53.80	3.97	0.5572	6.0700	1.0000	0.0330	0.0165	
			1065.60		6.01	1087.68	0.98	43.53	416.				
			1126.08		6.40	1058.60	1.06	43.53	354.				
3	5	-8	33.07	1093.95	0.09	1073.14	60.49	0.5228	117.6871	1.0000	0.0275	0.0138	WATCH OUT
			189.09		4.22	193.65	0.98	40.76	468.				
			181.58		3.76	201.93	0.90	40.76	533.				
3	5	-7	13.60	184.90	0.15	197.79	7.51	0.4909	21.2293	1.0000	0.0200	0.0100	
			411.44		4.35	461.83	0.89	38.28	593.				
			406.42		4.02	492.49	0.83	38.28	663.				
3	5	-6	20.22	408.73	0.10	477.16	5.03	0.4623	50.4079	1.0000	0.0061	0.0031	
			138.15		3.44	166.58	0.83	36.16	729.				
			119.32		3.22	155.33	0.77	36.16	804.				
3	5	-5	11.32	128.11	0.15	160.95	18.82	0.4375	16.8102	1.0000	0.0731	0.0366	
			922.11		4.43	1275.42	0.72	34.43	947.				
			882.74		4.77	1131.82	0.78	34.43	875.				
3	5	-4	30.06	903.90	0.08	1203.62	39.37	0.4172	124.7173	1.0000	0.0217	0.0108	WATCH OUT
			2380.39		6.29	3196.82	0.74	33.15	1023.				
			2325.46		5.94	3369.16	0.69	33.15	1095.				
3	5	-3	48.49	2351.37	0.06	3282.99	54.93	0.4021	338.4404	1.0000	0.0116	0.0058	WATCH OUT
			44.61		2.71	66.55	0.67	32.36	1252.				
			56.45		2.87	78.07	0.72	32.36	1178.				
3	5	-2	7.08	50.19	0.20	72.31	11.84	0.3929	7.4326	1.0000	0.1176	0.0589	
			356.61		3.28	537.40	0.66	32.10	1408.				
			361.25		3.37	504.65	0.72	32.10	1333.				
3	5	-1	18.94	358.87	0.09	521.02	4.64	0.3898	53.5104	1.0000	0.0065	0.0032	
			1121.56		4.60	1586.45	0.71	33.18	1330.				
			1186.54		4.79	1609.09	0.74	33.18	1405.				
3	5	1	33.95	1152.74	0.07	1597.77	64.98	0.4025	164.7323	1.0000	0.0281	0.0141	WATCH OUT
			1003.42		4.62	1355.23	0.74	34.47	1175.				
			1120.41		5.01	1451.09	0.77	34.47	1249.				
3	5	2	32.51	1057.12	0.07	1403.16	116.99	0.4178	145.4216	1.0000	0.0550	0.0275	WATCH OUT
			17.35		3.02	21.90	0.79	36.22	1020.				
			24.95		3.07	30.28	0.82	36.22	1092.				
3	5	3	4.59	21.09	0.33	26.09	7.59	0.4382	2.7253	1.0000	0.1799	0.0906	
			49.03		3.43	55.42	0.88	38.35	944.				
			42.37		3.35	49.78	0.85	38.35	872.				
3	5	4	6.75	45.62	0.25	52.60	6.65	0.4631	5.5587	1.0000	0.0729	0.0365	
			175.51		4.06	180.42	0.97	40.84	801.				
			183.07		4.00	194.19	0.94	40.84	726.				
3	5	5	13.39	179.34	0.15	187.30	7.56	0.4918	20.1153	1.0000	0.0211	0.0105	
			456.15		4.72	444.27	1.03	43.62	590.				
			485.90		5.13	455.61	1.07	43.62	660.				
3	5	6	21.67	469.78	0.11	449.94	29.74	0.5238	49.3796	1.0000	0.0314	0.0157	WATCH OUT
			9.37		4.19	8.04	1.17	46.66	530.				
			14.77		4.01	13.32	1.11	46.66	465.				
3	5	7	0.00	0.00	0.00	10.68	5.40	0.5583	1.2059	1.0000	0.0000	0.0000	
			33.59		4.65	26.02	1.29	49.93	413.				
			45.41		4.18	37.21	1.22	49.93	351.				
3	5	8	6.33	40.13	0.35	31.62	11.83	0.5950	3.7038	1.0000	0.1457	0.0735	
			226.35		5.35	160.03	1.41	53.41	310.				
			213.78		5.13	159.83	1.34	53.41	252.				
3	5	9	14.83	219.81	0.18	159.93	12.58	0.6336	19.6110	1.0000	0.0286	0.0143	
			405.53		6.51	261.81	1.55	57.08	217.				
			355.58		6.34	242.75	1.46	57.08	163.				
3	5	10	19.49	379.89	0.16	252.28	49.95	0.6736	32.6926	1.0000	0.0657	0.0329	WATCH OUT
			82.56		5.53	51.21	1.61	58.19	90.				

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				87.20	5.07	57.71	1.51	58.19	150.					
3	7	-11	9.22	85.08	0.29	54.46	4.64	0.6856		7.1855	1.0000	0.0271	0.0135	
				98.34	4.56	70.45	1.40	54.93	228.					
				86.02	5.23	57.74	1.49	54.93	158.					
3	7	-10	9.64	93.02	0.25	64.10	12.32	0.6502		8.0353	1.0000	0.0650	0.0326	
				14.65	4.48	10.63	1.38	51.90	246.					
				9.00	4.27	6.97	1.29	51.90	322.					
3	7	-9	0.00	0.00	0.00	8.80	5.65	0.6169		1.0572	1.0000	0.0000	0.0000	
				534.59	5.96	418.16	1.28	49.12	344.					
				488.03	5.53	407.41	1.20	49.12	429.					
3	7	-8	22.57	509.58	0.13	412.78	46.56	0.5860		47.8896	1.0000	0.0454	0.0227	WATCH OUT
				230.06	4.55	207.02	1.11	46.61	544.					
				228.74	4.66	193.78	1.18	46.61	456.					
3	7	-7	15.15	229.42	0.15	200.40	1.33	0.5578		22.6196	1.0000	0.0029	0.0014	
				71.32	3.68	68.48	1.04	44.40	677.					
				81.22	3.78	73.40	1.11	44.40	581.					
3	7	-6	8.73	76.14	0.21	70.94	9.90	0.5328		7.8397	1.0000	0.0650	0.0325	
				21.11	3.68	20.21	1.04	42.54	717.					
				15.79	3.66	16.09	0.98	42.54	816.					
3	7	-5	0.00	0.00	0.00	18.15	5.32	0.5114		1.9746	1.0000	0.0000	0.0000	
				472.67	4.61	474.29	1.00	41.04	863.					
				415.45	4.47	443.80	0.94	41.04	959.					
3	7	-4	21.05	443.19	0.11	459.05	57.22	0.4941		49.3692	1.0000	0.0645	0.0323	WATCH OUT
				914.58	5.01	1012.06	0.90	39.94	1111.					
				919.27	5.47	955.37	0.96	39.94	1010.					
3	7	-3	30.28	916.71	0.09	983.72	4.69	0.4815		104.9974	1.0000	0.0025	0.0013	
				2.03	3.38	2.18	0.93	39.27	1162.					
				10.90	3.07	12.40	0.88	39.27	1265.					
3	7	-2	0.00	0.00	0.00	7.29	8.87	0.4737		0.7745	1.0000	0.0000	0.0000	
				184.70	3.75	199.64	0.93	39.05	1320.					
				171.69	3.62	196.76	0.87	39.05	1424.					
3	7	-1	13.34	177.96	0.14	198.20	13.00	0.4712		21.0349	1.0000	0.0365	0.0182	
				1205.41	5.77	1254.79	0.96	39.96	1421.					
				1147.43	5.63	1229.67	0.93	39.96	1317.					
3	7	1	34.29	1175.72	0.08	1242.23	57.99	0.4818		132.6135	1.0000	0.0246	0.0123	WATCH OUT
				514.71	4.81	517.59	0.99	41.07	1262.					
				530.79	4.81	549.44	0.97	41.07	1159.					
3	7	2	22.86	522.74	0.11	533.51	16.08	0.4946		57.3937	1.0000	0.0154	0.0077	
				95.21	3.76	94.09	1.01	42.59	1007.					
				97.75	3.88	93.86	1.04	42.59	1108.					
3	7	3	9.82	96.44	0.19	93.97	2.54	0.5120		10.2258	1.0000	0.0132	0.0066	
				139.60	4.19	131.20	1.06	44.47	860.					
				141.66	4.19	128.15	1.11	44.47	956.					
3	7	4	11.86	140.63	0.18	129.67	2.06	0.5335		14.3378	1.0000	0.0073	0.0037	
				241.25	4.65	212.66	1.13	46.68	714.					
				262.74	4.86	222.94	1.18	46.68	813.					
3	7	5	15.86	251.52	0.15	217.80	21.49	0.5586		24.6016	1.0000	0.0426	0.0213	
				752.18	6.27	592.72	1.27	49.20	674.					
				727.84	6.32	592.37	1.23	49.20	578.					
3	7	6	27.21	740.11	0.12	592.55	24.34	0.5869		68.8091	1.0000	0.0164	0.0082	
				10.53	4.55	7.70	1.37	51.99	541.					
				21.28	4.20	16.08	1.32	51.99	453.					
3	7	7	0.00	0.00	0.00	11.89	10.74	0.6179		1.4298	1.0000	0.0000	0.0000	
				75.57	5.07	52.85	1.43	55.03	341.					
				77.79	5.08	52.67	1.48	55.03	426.					
3	7	8	8.76	76.67	0.29	52.76	2.22	0.6513		6.6232	1.0000	0.0145	0.0072	

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA						
				37.21	4.78	24.06	1.55	58.29	243.					
				14.53	5.50	9.10	1.60	58.29	319.					
3	7	9	0.00	0.00	0.00	16.58	22.68	0.6867		2.1913	1.0000	0.0000	0.0000	
				4460.15	14.71	2731.92	1.63	58.47	235.					
				4335.00	14.12	2831.77	1.53	58.47	330.					
3	9	-9	66.29	4394.99	0.11	2781.84	125.15	0.6885		368.7093	1.0000	0.0142	0.0071	WATCH OUT
				3500.99	12.56	2279.73	1.54	55.91	336.					
				3385.98	12.13	2350.88	1.44	55.91	437.					
3	9	-8	58.66	3441.48	0.11	2315.30	115.01	0.6609		294.6040	1.0000	0.0167	0.0083	WATCH OUT
				12.57	4.41	9.24	1.36	53.64	556.					
				6.57	4.75	4.53	1.45	53.64	448.					
3	9	-7	0.00	0.00	0.00	6.88	6.00	0.6361		0.8467	1.0000	0.0000	0.0000	
				55.97	4.28	43.30	1.29	51.66	687.					
				46.14	4.75	33.50	1.38	51.66	572.					
3	9	-6	7.18	51.57	0.31	38.40	9.83	0.6142		4.5977	1.0000	0.0942	0.0473	
				3019.27	10.29	2442.00	1.24	50.00	826.					
				3098.63	10.64	2352.25	1.32	50.00	706.					
3	9	-5	55.30	3057.62	0.09	2397.13	79.35	0.5958		281.0379	1.0000	0.0130	0.0065	WATCH OUT
				987.44	6.92	777.38	1.27	48.68	849.					
				969.71	6.63	813.17	1.19	48.68	969.					
3	9	-4	31.28	978.19	0.11	795.28	17.73	0.5811		91.7981	1.0000	0.0090	0.0045	
				378.65	5.03	325.47	1.16	47.72	1121.					
				374.37	5.23	305.69	1.22	47.72	999.					
3	9	-3	19.41	376.59	0.13	315.58	4.28	0.5703		36.0406	1.0000	0.0057	0.0028	
				1079.71	6.64	896.47	1.20	47.15	1151.					
				1116.17	6.70	975.49	1.14	47.15	1276.					
3	9	-2	33.13	1097.79	0.10	935.98	36.46	0.5638		106.2349	1.0000	0.0166	0.0083	
				5613.39	12.93	4687.83	1.20	46.96	1309.					
3	9	-1	74.92	5613.39	0.09	4687.83	0.00	0.5617		531.0150	1.0000	0.0000	0.0000	
				71.71	4.17	60.68	1.18	47.75	1306.					
3	9	1	8.47	71.71	0.25	60.68	0.00	0.5706		6.9321	1.0000	0.0000	0.0000	
				1002.53	6.80	816.41	1.23	48.71	1148.					
				1055.63	7.11	837.77	1.26	48.71	1273.					
3	9	2	32.06	1027.88	0.11	827.09	53.09	0.5814		95.5079	1.0000	0.0258	0.0129	WATCH OUT
				4809.90	12.89	3682.03	1.31	50.04	1118.					
				4676.85	12.44	3673.98	1.27	50.04	996.					
3	9	3	68.86	4741.04	0.09	3678.01	133.05	0.5963		431.4446	1.0000	0.0140	0.0070	WATCH OUT
				394.90	6.04	289.21	1.37	51.71	966.					
				406.36	5.57	305.42	1.33	51.71	846.					
3	9	4	20.03	401.10	0.14	297.31	11.46	0.6148		35.6232	1.0000	0.0142	0.0071	
				17.16	4.63	12.26	1.40	53.70	703.					
				29.72	4.47	20.68	1.44	53.70	823.					
3	9	5	0.00	0.00	0.00	16.47	12.55	0.6368		2.0274	1.0000	0.0000	0.0000	
				5093.54	14.67	3437.29	1.48	55.99	569.					
				5150.46	15.06	3386.23	1.52	55.99	684.					
3	9	6	71.56	5121.27	0.10	3411.76	56.92	0.6617		434.6069	1.0000	0.0056	0.0028	
				3186.60	12.73	1971.68	1.62	58.55	553.					
				3143.91	12.55	1996.78	1.57	58.55	445.					
3	9	7	56.26	3164.96	0.11	1984.23	42.69	0.6894		263.3445	1.0000	0.0067	0.0034	
				47.48	5.15	28.23	1.68	59.81	564.					
				43.99	4.92	27.89	1.58	59.81	694.					
3	11	-6	6.76	45.65	0.37	28.06	3.49	0.7029		3.8035	1.0000	0.0381	0.0191	
				11.62	4.80	7.15	1.62	58.31	698.					
				4.43	4.68	2.90	1.52	58.31	834.					
3	11	-5	0.00	0.00	0.00	5.03	7.20	0.6869		0.6648	1.0000	0.0000	0.0000	
				102.58	5.35	64.92	1.58	57.13	841.					

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				134.54	4.66	90.79	1.48	57.13	978.					
3	11	-4	10.99	120.78	0.23	77.86	31.97	0.6741		10.0979	1.0000	0.1298	0.0655	WATCH OUT
				314.06	5.54	216.35	1.45	56.28	1131.					
				298.39	5.84	192.80	1.55	56.28	990.					
3	11	-3	17.51	306.64	0.16	204.58	15.66	0.6649		26.1784	1.0000	0.0255	0.0127	
				7.47	4.37	4.89	1.53	55.76	1141.					
				12.74	4.18	8.89	1.43	55.76	1286.					
3	11	-2	0.00	0.00	0.00	6.89	5.27	0.6593		0.8741	1.0000	0.0000	0.0000	
				79.42	4.94	52.20	1.52	55.60	1299.					
3	11	-1	8.91	79.42	0.28	52.20	0.00	0.6575		6.6097	1.0000	0.0000	0.0000	
				446.02	5.94	296.75	1.50	56.30	1296.					
3	11	1	21.12	446.02	0.14	296.75	0.00	0.6651		37.9860	1.0000	0.0000	0.0000	
				163.03	5.08	106.27	1.53	57.16	1138.					
				164.92	5.39	105.18	1.57	57.16	1283.					
3	11	2	12.80	163.92	0.20	105.72	1.89	0.6745		13.7186	1.0000	0.0057	0.0029	
				55.94	4.82	35.46	1.58	58.35	987.					
				49.10	5.06	30.45	1.61	58.35	1128.					
3	11	3	7.26	52.68	0.34	32.96	6.84	0.6873		4.3602	1.0000	0.0648	0.0324	
				117.69	5.42	72.09	1.63	59.86	838.					
				125.97	5.46	75.49	1.67	59.86	975.					
3	11	4	11.04	121.80	0.25	73.79	8.28	0.7035		10.0123	1.0000	0.0340	0.0170	
				2447.69	10.94	1728.85	1.42	58.71	24.					
4	0-13		49.47	2447.69	0.11	1728.85	0.00	0.6911		230.0691	1.0000	0.0000	0.0000	
				308.26	5.21	238.69	1.29	54.89	64.					
4	0-12		17.56	308.26	0.15	238.69	0.00	0.6498		29.9042	1.0000	0.0000	0.0000	
				405.74	5.65	345.04	1.18	51.25	122.					
4	0-11		20.14	405.74	0.14	345.04	0.00	0.6097		41.0928	1.0000	0.0000	0.0000	
				2742.48	9.11	2570.18	1.07	47.80	195.					
4	0-10		52.37	2742.48	0.09	2570.18	0.00	0.5712		293.7692	1.0000	0.0000	0.0000	
				442.31	4.76	455.05	0.97	44.56	283.					
4	0-9		21.03	442.31	0.11	455.05	0.00	0.5345		50.3572	1.0000	0.0000	0.0000	
				78.87	3.62	89.28	0.88	41.56	387.					
4	0-8		8.88	78.87	0.20	89.28	0.00	0.5002		9.6380	1.0000	0.0000	0.0000	
				573.27	4.62	709.46	0.81	38.83	502.					
4	0-7		23.94	573.27	0.10	709.46	0.00	0.4686		75.1906	1.0000	0.0000	0.0000	
				17526.28	16.07	23503.60	0.75	36.41	630.					
4	0-6		132.39	17526.28	0.06	23503.60	0.00	0.4404		2457.7874	1.0000	0.0000	0.0000	
				4715.49	8.16	6775.71	0.70	34.35	767.					
4	0-5		68.67	4715.49	0.06	6775.71	0.00	0.4164		701.8680	1.0000	0.0000	0.0000	
				948.84	4.27	1445.85	0.66	32.72	910.					
4	0-4		30.80	948.84	0.07	1445.85	0.00	0.3971		148.8168	1.0000	0.0000	0.0000	
				9800.33	10.74	15587.30	0.63	31.56	1061.					
4	0-3		99.00	9800.33	0.05	15587.30	0.00	0.3834		1598.0050	1.0000	0.0000	0.0000	
				9309.70	10.23	15164.80	0.61	30.93	1214.					
4	0-2		96.49	9309.70	0.05	15164.80	0.00	0.3759		1551.6017	1.0000	0.0000	0.0000	
				2239.88	5.49	3659.46	0.61	30.85	1372.					
4	0-1		47.33	2239.88	0.06	3659.46	0.00	0.3749		374.3286	1.0000	0.0000	0.0000	
				7606.35	9.88	11442.10	0.66	32.33	1369.					
4	0 1		87.21	7606.35	0.06	11442.10	0.00	0.3925		1176.0646	1.0000	0.0000	0.0000	
				903.50	4.41	1286.89	0.70	33.83	1210.					
4	0 2		30.06	903.50	0.07	1286.89	0.00	0.4102		133.0164	1.0000	0.0000	0.0000	
				141.30	3.32	187.48	0.75	35.76	1057.					
4	0 3		11.89	141.30	0.14	187.48	0.00	0.4329		19.5436	1.0000	0.0000	0.0000	
				14877.05	15.82	18256.90	0.81	38.08	906.					
4	0 4		121.97	14877.05	0.06	18256.90	0.00	0.4600		1926.4242	1.0000	0.0000	0.0000	
				8113.18	12.88	8978.07	0.90	40.73	763.					

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTh	NREF	ZACH				
			F(AV)	FS(AV)										
4	0	5	90.07	8113.18	0.07	8978.07	0.00	0.4906		963.4524	1.0000	0.0000	0.0000	
			2170.83		7.88	2191.94	0.99	43.65	626.					
4	0	6	46.59	2170.83	0.08	2191.94	0.00	0.5242		240.6378	1.0000	0.0000	0.0000	
			379.43		5.00	349.12	1.09	46.83	498.					
4	0	7	19.48	379.43	0.13	349.12	0.00	0.5602		39.4935	1.0000	0.0000	0.0000	
			2508.47		9.81	2071.48	1.21	50.22	383.					
4	0	8	50.08	2508.47	0.10	2071.48	0.00	0.5982		243.5107	1.0000	0.0000	0.0000	
			902.95		7.38	678.60	1.33	53.80	279.					
4	0	9	30.05	902.95	0.12	678.60	0.00	0.6379		83.6792	1.0000	0.0000	0.0000	
			31.45		5.06	21.54	1.46	57.57	191.					
4	0	10	5.61	31.45	0.45	21.54	0.00	0.6789		2.8137	1.0000	0.0000	0.0000	
			137.22		5.28	96.73	1.42	59.49	30.					
			130.09		5.67	86.10	1.51	59.49	18.					
4	2-13		11.57	133.91	0.24	91.41	7.13	0.6995		12.3261	1.0000	0.0265	0.0133	
			346.56		6.07	250.93	1.38	55.71	53.					
			333.10		5.77	256.82	1.30	55.71	72.					
4	2-12		18.43	339.49	0.16	253.87	13.47	0.6587		32.2023	1.0000	0.0198	0.0099	
			68.61		4.00	57.96	1.18	52.11	131.					
			78.06		4.37	61.94	1.26	52.11	110.					
4	2-11		8.54	72.92	0.24	59.95	9.45	0.6192		7.2208	1.0000	0.0643	0.0321	
			84.44		4.02	73.46	1.15	48.70	184.					
			82.89		3.78	76.74	1.08	48.70	206.					
4	2-10		9.14	83.62	0.21	75.10	1.55	0.5813		8.6709	1.0000	0.0092	0.0046	
			31.72		3.71	32.41	0.98	45.51	294.					
			38.48		3.77	37.00	1.04	45.51	272.					
4	2 -9		5.92	35.05	0.32	34.71	6.77	0.5453		3.8750	1.0000	0.0965	0.0483	
			563.12		4.89	592.27	0.95	42.56	375.					
			547.26		4.53	611.03	0.90	42.56	399.					
4	2 -8		23.55	554.58	0.10	601.65	15.86	0.5117		65.4583	1.0000	0.0142	0.0071	
			7.53		3.18	9.14	0.82	39.89	515.					
			15.51		3.18	17.74	0.87	39.89	489.					
4	2 -7		0.00	0.00	0.00	13.44	7.98	0.4809		1.4341	1.0000	0.0000	0.0000	
			29.23		2.87	38.52	0.76	37.53	644.					
			30.50		3.12	37.94	0.80	37.53	616.					
4	2 -6		5.46	29.81	0.27	38.23	1.27	0.4535		4.0215	1.0000	0.0211	0.0106	
			99.64		3.18	132.69	0.75	35.53	753.					
			123.72		2.83	174.49	0.71	35.53	781.					
4	2 -5		10.63	113.08	0.14	153.59	24.08	0.4302		15.9927	1.0000	0.1050	0.0528	WATCH OUT
			1488.67		4.98	2205.50	0.67	33.95	927.					
			1560.30		5.26	2187.76	0.71	33.95	896.					
4	2 -4		39.02	1522.54	0.07	2196.63	71.63	0.4116		227.1571	1.0000	0.0235	0.0117	WATCH OUT
			487.62		3.51	712.07	0.68	32.83	1047.					
			422.52		3.27	651.73	0.65	32.83	1075.					
4	2 -3		21.28	452.82	0.08	681.90	65.10	0.3984		70.2129	1.0000	0.0715	0.0358	WATCH OUT
			214.16		2.82	337.79	0.63	32.22	1232.					
			235.09		2.97	351.19	0.67	32.22	1199.					
4	2 -2		14.97	224.08	0.10	344.49	20.92	0.3911		35.3942	1.0000	0.0466	0.0233	WATCH OUT
			212.63		2.89	318.65	0.67	32.14	1358.					
			185.37		2.73	293.18	0.63	32.14	1387.					
4	2 -1		14.08	198.23	0.10	305.91	27.27	0.3902		31.4221	1.0000	0.0686	0.0343	WATCH OUT
			2376.95		6.14	3346.28	0.71	33.57	1383.					
			2214.80		5.84	3198.43	0.69	33.57	1351.					
4	2 1		47.87	2291.82	0.06	3272.35	162.15	0.4071		337.8897	1.0000	0.0353	0.0176	WATCH OUT
			341.66		3.55	457.25	0.75	35.02	1225.					
			311.82		3.37	426.07	0.73	35.02	1195.					
4	2 2		18.05	325.98	0.10	441.66	29.84	0.4242		45.8818	1.0000	0.0457	0.0228	WATCH OUT

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				401.38	3.89	503.55	0.80	36.90	1071.					
				384.01	3.90	491.92	0.78	36.90	1040.					
4	2	3	19.82	392.72	0.10	497.74	17.37	0.4462		52.1806	1.0000	0.0221	0.0111	
				124.07	3.51	144.46	0.86	39.16	923.					
				113.99	3.48	135.53	0.84	39.16	892.					
4	2	4	10.91	118.99	0.16	140.00	10.08	0.4725		14.8680	1.0000	0.0423	0.0212	
				557.03	4.77	589.16	0.95	41.75	777.					
				557.92	4.73	602.72	0.93	41.75	749.					
4	2	5	23.61	557.48	0.10	595.94	0.89	0.5024		64.4288	1.0000	0.0008	0.0004	
				791.84	5.80	761.53	1.04	44.62	640.					
				735.50	5.47	725.90	1.01	44.62	612.					
4	2	6	27.60	762.03	0.10	743.71	56.34	0.5352		82.3470	1.0000	0.0368	0.0184	WATCH OUT
				11.27	3.87	9.91	1.14	47.74	511.					
				0.00	3.96	0.00	0.00	47.74	482.					
4	2	7	0.00	0.00	0.00	9.91	11.27	0.5705		1.1319	1.0000	0.0000	0.0000	
				17.05	4.10	13.62	1.25	51.09	395.					
				7.28	4.25	5.94	1.23	51.09	371.					
4	2	8	0.00	0.00	0.00	9.78	9.77	0.6079		1.1624	1.0000	0.0000	0.0000	
				64.21	4.80	47.79	1.34	54.63	268.					
				69.98	4.67	51.01	1.37	54.63	290.					
4	2	9	8.20	67.18	0.29	49.40	5.77	0.6470		6.1656	1.0000	0.0429	0.0215	
				136.67	5.22	92.89	1.47	58.37	177.					
				132.68	5.60	88.36	1.50	58.37	202.					
4	2	10	11.61	134.81	0.23	90.63	3.98	0.6874		11.9920	1.0000	0.0147	0.0073	
				289.12	5.84	189.78	1.52	58.12	46.					
				274.55	5.53	195.85	1.40	58.12	79.					
4	4-12		16.78	281.44	0.17	192.81	14.57	0.6848		25.4104	1.0000	0.0258	0.0129	
				162.12	5.10	115.86	1.40	54.62	101.					
				133.43	4.80	103.65	1.29	54.62	140.					
4	4-11		12.12	146.90	0.20	109.76	28.69	0.6469		13.6972	1.0000	0.0973	0.0487	
				786.88	6.73	612.30	1.29	51.34	171.					
				740.58	6.30	626.45	1.18	51.34	216.					
4	4-10		27.61	762.22	0.12	619.37	46.30	0.6107		73.8505	1.0000	0.0302	0.0151	WATCH OUT
				58.62	3.84	53.91	1.09	48.28	308.					
				66.89	4.39	56.59	1.18	48.28	261.					
4	4 -9		7.89	62.21	0.26	55.25	8.27	0.5766		6.3486	1.0000	0.0653	0.0326	
				2025.80	7.71	2007.62	1.01	45.47	411.					
				2192.54	8.41	2022.00	1.08	45.47	360.					
4	4 -8		45.85	2101.93	0.09	2014.81	166.74	0.5449		224.8659	1.0000	0.0394	0.0197	WATCH OUT
				684.23	4.91	734.68	0.93	42.94	527.					
				681.99	5.34	682.90	1.00	42.94	474.					
4	4 -7		26.14	683.21	0.10	708.79	2.24	0.5161		77.3516	1.0000	0.0016	0.0008	
				72.26	3.62	77.50	0.93	40.73	599.					
				62.18	3.29	71.50	0.87	40.73	657.					
4	4 -6		8.17	66.73	0.21	74.50	10.08	0.4906		7.9951	1.0000	0.0748	0.0374	
				395.95	4.17	452.03	0.88	38.87	739.					
				377.03	3.91	460.05	0.82	38.87	798.					
4	4 -5		19.64	385.89	0.10	456.04	18.93	0.4691		48.3459	1.0000	0.0244	0.0122	
				91.31	3.18	116.93	0.78	37.41	941.					
				119.42	3.30	143.11	0.83	37.41	882.					
4	4 -4		10.24	104.87	0.16	130.02	28.11	0.4521		13.6683	1.0000	0.1338	0.0671	WATCH OUT
				424.81	3.62	563.25	0.75	36.39	1089.					
				478.05	3.93	593.30	0.81	36.39	1030.					
4	4 -3		21.20	449.29	0.09	578.27	53.23	0.4402		60.4635	1.0000	0.0589	0.0294	WATCH OUT
				98.50	3.19	124.66	0.79	35.83	1185.					
				86.22	3.00	116.54	0.74	35.83	1246.					

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
4	4	-2	9.59	91.98	0.16	120.60	12.28	0.4336		12.5749	1.0000	0.0665	0.0333	
				57.13	2.78	77.42	0.74	35.76	1402.					
				56.76	3.14	72.04	0.79	35.76	1340.					
4	4	-1	7.55	56.96	0.20	74.73	0.37	0.4328		7.7896	1.0000	0.0032	0.0016	
				323.22	3.80	391.40	0.83	37.06	1398.					
				328.42	3.61	410.07	0.80	37.06	1336.					
4	4	1	18.05	325.95	0.10	400.73	5.20	0.4481		42.0469	1.0000	0.0080	0.0040	
				135.46	3.42	156.95	0.86	38.40	1242.					
				116.02	3.41	138.58	0.84	38.40	1181.					
4	4	2	11.21	125.69	0.15	147.77	19.44	0.4637		15.6209	1.0000	0.0773	0.0387	
				342.54	4.16	370.21	0.93	40.15	1085.					
				348.00	4.02	387.95	0.90	40.15	1026.					
4	4	3	18.58	345.36	0.11	379.08	5.46	0.4839		40.5179	1.0000	0.0079	0.0039	
				251.02	4.15	254.06	0.99	42.26	937.					
				218.52	3.96	228.11	0.96	42.26	878.					
4	4	4	15.30	234.00	0.13	241.09	32.49	0.5082		26.1668	1.0000	0.0693	0.0347	WATCH OUT
				2031.04	7.88	1961.74	1.04	44.70	735.					
				2143.06	7.97	2003.58	1.07	44.70	791.					
4	4	5	45.68	2086.42	0.09	1982.66	112.02	0.5361		219.6853	1.0000	0.0268	0.0134	WATCH OUT
				644.79	5.74	557.21	1.16	47.43	653.					
				637.49	5.89	569.06	1.12	47.43	595.					
4	4	6	25.32	641.24	0.11	563.14	7.30	0.5670		64.1091	1.0000	0.0057	0.0028	
				418.56	5.62	341.08	1.23	50.42	470.					
				472.84	5.77	371.04	1.27	50.42	523.					
4	4	7	21.10	445.00	0.13	356.06	54.28	0.6005		41.9604	1.0000	0.0610	0.0305	WATCH OUT
				481.07	6.16	360.28	1.34	53.64	356.					
				491.36	6.16	354.43	1.39	53.64	407.					
4	4	8	22.05	486.21	0.14	357.35	10.29	0.6361		43.9631	1.0000	0.0106	0.0053	
				83.35	4.99	55.24	1.51	57.07	304.					
				59.80	5.09	41.14	1.45	57.07	257.					
4	4	9	8.47	71.81	0.30	48.19	23.55	0.6735		6.2443	1.0000	0.1639	0.0826	
				17.18	5.56	10.87	1.58	58.66	94.					
				30.24	5.00	20.43	1.48	58.66	147.					
4	6-11		0.00	0.00	0.00	15.65	13.06	0.6906		2.0810	1.0000	0.0000	0.0000	
				3673.43	12.30	2675.87	1.37	55.53	225.					
				3736.78	12.92	2549.29	1.47	55.53	162.					
4	6-10		60.86	3703.54	0.10	2612.58	63.35	0.6568		330.5012	1.0000	0.0085	0.0043	
				388.25	5.79	285.00	1.36	52.65	251.					
				386.54	5.42	303.01	1.28	52.65	318.					
4	6-9		19.68	387.34	0.14	294.01	1.71	0.6252		35.6724	1.0000	0.0022	0.0011	
				706.22	5.98	593.77	1.19	50.02	425.					
				753.57	6.31	593.24	1.27	50.02	350.					
4	6-8		26.99	728.63	0.11	593.50	47.36	0.5961		69.6030	1.0000	0.0324	0.0162	WATCH OUT
				1647.62	7.80	1481.89	1.11	47.68	539.					
				1689.13	7.95	1435.45	1.18	47.68	462.					
4	6-7		40.84	1668.00	0.10	1458.67	41.50	0.5698		166.5108	1.0000	0.0124	0.0062	
				11198.73	17.04	10088.80	1.11	45.65	587.					
				10912.10	16.40	10403.40	1.05	45.65	672.					
4	6-6		105.12	11049.94	0.08	10246.10	286.63	0.5469		1145.5172	1.0000	0.0130	0.0065	WATCH OUT
				740.60	5.54	701.45	1.06	43.96	723.					
				713.33	5.57	714.89	1.00	43.96	810.					
4	6-5		26.96	727.04	0.10	708.17	27.28	0.5277		77.9535	1.0000	0.0188	0.0094	
				1690.04	7.05	1657.97	1.02	42.65	869.					
				1653.90	6.57	1738.75	0.95	42.65	953.					
4	6-4		40.87	1670.68	0.08	1698.36	36.14	0.5127		184.9036	1.0000	0.0108	0.0054	
				5796.46	10.92	6269.67	0.92	41.73	1102.					

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
4	6	-3	76.64	5959.13 5874.11	11.43 0.07	6014.87 6142.27	0.99 162.66	41.73 0.5022	1017.	663.9722	1.0000	0.0138	0.0069	WATCH OUT
				2965.58	8.26	3040.89	0.98	41.23	1172.					
				2936.43	7.95	3226.42	0.91	41.23	1259.					
4	6	-2	54.32	2950.45	0.07	3133.66	29.15	0.4964		337.5015	1.0000	0.0049	0.0025	
				268.20	4.25	275.65	0.97	41.17	1327.					
				270.76	3.84	298.13	0.91	41.17	1415.					
4	6	-1	16.42	269.61	0.12	286.89	2.56	0.4957		30.8845	1.0000	0.0047	0.0023	
				2499.63	7.92	2462.04	1.02	42.34	1411.					
				2400.20	7.79	2417.00	0.99	42.34	1323.					
4	6	1	49.49	2449.05	0.08	2439.52	99.43	0.5091		264.9401	1.0000	0.0203	0.0101	WATCH OUT
				2334.60	7.99	2218.01	1.05	43.54	1255.					
				2223.32	7.84	2158.63	1.03	43.54	1165.					
4	6	2	47.73	2277.88	0.08	2188.32	111.28	0.5229		240.0036	1.0000	0.0244	0.0122	WATCH OUT
				75.27	4.07	70.85	1.06	45.12	1013.					
				93.07	4.09	83.92	1.11	45.12	1098.					
4	6	3	9.17	84.13	0.22	77.38	17.80	0.5409		8.6077	1.0000	0.1058	0.0530	
				5687.62	12.90	4851.46	1.17	47.05	949.					
				5346.26	12.19	4759.39	1.12	47.05	865.					
4	6	4	74.21	5507.25	0.08	4805.43	341.36	0.5628		544.8859	1.0000	0.0309	0.0154	WATCH OUT
				8861.02	16.51	7361.36	1.20	49.30	719.					
				9434.46	17.46	7455.92	1.27	49.30	806.					
4	6	5	95.56	9131.62	0.09	7408.64	573.44	0.5881		861.4038	1.0000	0.0313	0.0156	WATCH OUT
				1394.62	8.36	1029.70	1.35	51.85	665.					
				1301.35	7.90	1009.75	1.29	51.85	583.					
4	6	6	36.68	1345.30	0.11	1019.72	93.27	0.6164		122.4030	1.0000	0.0346	0.0173	WATCH OUT
				59.07	4.77	40.59	1.46	54.66	535.					
				52.02	4.63	37.55	1.39	54.66	458.					
4	6	7	7.45	55.44	0.32	39.07	7.05	0.6473		4.8786	1.0000	0.0635	0.0318	
				3346.14	12.60	2242.52	1.49	57.72	346.					
				3543.49	13.11	2261.33	1.57	57.72	418.					
4	6	8	58.66	3440.88	0.11	2251.93	197.35	0.6805		294.8323	1.0000	0.0286	0.0143	WATCH OUT
				37.95	4.74	23.85	1.59	58.37	242.					
				21.60	4.95	14.34	1.51	58.37	327.					
4	8	-9	5.49	30.12	0.44	19.10	16.35	0.6875		2.5274	1.0000	0.2709	0.1385	
				1069.63	7.72	753.00	1.42	55.93	434.					
				1058.14	7.91	705.16	1.50	55.93	340.					
4	8	-8	32.62	1064.02	0.12	729.08	11.49	0.6611		92.7942	1.0000	0.0054	0.0027	
				251.78	5.29	187.10	1.35	53.77	552.					
				272.72	5.26	191.84	1.42	53.77	452.					
4	8	-7	16.20	262.32	0.16	189.47	20.94	0.6376		23.3547	1.0000	0.0399	0.0200	
				35.65	4.44	26.31	1.35	51.92	577.					
				43.69	4.30	34.07	1.28	51.92	683.					
4	8	-6	6.31	39.80	0.35	30.19	8.04	0.6172		3.6274	1.0000	0.1009	0.0506	
				150.42	4.82	115.66	1.30	50.39	712.					
				172.62	4.36	140.22	1.23	50.39	822.					
4	8	-5	12.75	162.64	0.18	127.94	22.19	0.6002		15.0735	1.0000	0.0675	0.0339	
				82.75	4.31	65.73	1.26	49.21	858.					
				80.12	4.22	67.22	1.19	49.21	965.					
4	8	-4	9.02	81.40	0.24	66.47	2.64	0.5870		7.7207	1.0000	0.0162	0.0081	
				174.28	4.62	141.64	1.23	48.40	1005.					
				188.92	4.38	162.19	1.16	48.40	1117.					
4	8	-3	13.49	182.00	0.17	151.91	14.64	0.5779		17.4787	1.0000	0.0401	0.0201	
				22.93	3.61	20.07	1.14	47.95	1271.					
				6.42	4.06	5.35	1.20	47.95	1157.					
4	8	-2	0.00	0.00	0.00	12.71	16.51	0.5729		1.4548	1.0000	0.0000	0.0000	

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				0.00	4.04	0.00	0.00	47.90	1315.					
4	8	-1	0.00	0.00	0.00	0.00	0.00	0.5723		0.0000	1.0000	0.0000	0.0000	
				188.71	4.56	155.38	1.21	48.94	1311.					
				198.85	4.61	158.24	1.26	48.94	1426.					
4	8	1	13.92	193.72	0.16	156.81	10.14	0.5839		18.1536	1.0000	0.0262	0.0131	
				49.60	3.96	39.66	1.25	50.01	1153.					
				40.97	4.14	31.66	1.29	50.01	1267.					
4	8	2	6.74	45.48	0.30	35.66	8.63	0.5960		4.1814	1.0000	0.0947	0.0475	
				250.87	5.40	186.60	1.34	51.44	1113.					
				247.75	4.93	190.66	1.30	51.44	1001.					
4	8	3	15.79	249.17	0.16	188.63	3.12	0.6118		22.5204	1.0000	0.0062	0.0031	
				68.87	4.76	48.93	1.41	53.20	961.					
				76.98	4.59	56.59	1.36	53.20	851.					
4	8	4	8.55	73.08	0.27	52.76	8.11	0.6312		6.4506	1.0000	0.0554	0.0278	
				1011.53	7.75	682.17	1.48	55.27	818.					
				1004.50	7.50	700.85	1.43	55.27	708.					
4	8	5	31.75	1007.90	0.12	691.51	7.02	0.6539		87.1283	1.0000	0.0035	0.0017	
				393.00	6.41	250.34	1.57	57.63	679.					
				367.75	6.13	242.35	1.52	57.63	573.					
4	8	6	19.49	379.82	0.16	246.34	25.25	0.6795		32.2047	1.0000	0.0332	0.0166	
				20.31	4.97	13.10	1.55	59.27	691.					
				36.31	4.83	22.22	1.63	59.27	568.					
4	10	-6	0.00	0.00	0.00	17.66	16.00	0.6972		2.3720	1.0000	0.0000	0.0000	
				6.37	4.65	4.03	1.58	57.88	702.					
				9.50	4.36	6.33	1.50	57.88	831.					
4	10	-5	0.00	0.00	0.00	5.18	3.13	0.6822		0.6795	1.0000	0.0000	0.0000	
				322.47	5.64	220.32	1.46	56.81	974.					
				330.31	5.87	214.28	1.54	56.81	845.					
4	10	-4	18.06	326.23	0.16	217.30	7.84	0.6706		28.0383	1.0000	0.0120	0.0060	
				137.34	4.74	95.54	1.44	56.07	1127.					
				119.49	4.92	78.94	1.51	56.07	995.					
4	10	-3	11.35	128.75	0.21	87.24	17.85	0.6626		11.1274	1.0000	0.0692	0.0347	
				31.28	4.51	21.97	1.42	55.67	1282.					
				32.44	4.66	21.65	1.50	55.67	1146.					
4	10	-2	5.64	31.84	0.41	21.81	1.17	0.6583		2.7651	1.0000	0.0183	0.0091	
				70.46	4.57	47.09	1.50	55.62	1304.					
4	10	-1	8.39	70.46	0.27	47.09	0.00	0.6578		5.9651	1.0000	0.0000	0.0000	
				431.14	5.85	289.39	1.49	56.56	1300.					
4	10	1	20.76	431.14	0.14	289.39	0.00	0.6679		37.1930	1.0000	0.0000	0.0000	
				43.18	4.73	28.32	1.52	57.53	1142.					
				50.61	4.74	32.24	1.57	57.53	1278.					
4	10	2	6.85	46.89	0.35	30.28	7.42	0.6785		3.9525	1.0000	0.0792	0.0396	
				150.65	5.46	93.11	1.62	58.83	1123.					
				151.66	5.11	96.48	1.57	58.83	991.					
4	10	3	12.30	151.19	0.21	94.79	1.01	0.6924		12.6405	1.0000	0.0033	0.0017	
				44.31	5.02	30.20	1.47	59.30	57.					
				60.21	4.74	41.89	1.44	59.30	68.					
5	1	-12	7.26	52.71	0.34	36.05	15.90	0.6974		4.8445	1.0000	0.1503	0.0757	
				10.57	4.38	7.80	1.36	55.97	115.					
				9.18	4.38	6.91	1.33	55.97	127.					
5	1	-11	0.00	0.00	0.00	7.35	1.40	0.6615		0.9366	1.0000	0.0000	0.0000	
				60.83	4.22	48.51	1.25	52.86	190.					
				68.87	4.12	56.06	1.23	52.86	201.					
5	1	-10	8.06	64.95	0.26	52.29	8.03	0.6275		6.3630	1.0000	0.0618	0.0309	
				467.68	5.42	402.38	1.16	50.00	278.					
				431.24	5.26	378.71	1.14	50.00	289.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	SIGAV	CINTAV	RANGE	SINTH/LA						
5	1	-9	21.19	0.13	390.55	36.44	0.5958		45.7865	1.0000	0.0405	0.0203	WATCH OUT
			487.05	4.86	461.41	1.06	47.40	394.					
			480.88	5.22	447.12	1.08	47.40	382.					
5	1	-8	22.00	0.11	454.27	6.17	0.5666		51.6969	1.0000	0.0063	0.0032	
			17.38	3.46	17.59	0.99	45.09	509.					
			29.06	3.41	28.88	1.01	45.09	496.					
5	1	-7	4.83	0.36	23.23	11.69	0.5405		2.5836	1.0000	0.2507	0.1275	
			202.94	3.68	219.74	0.92	43.11	637.					
			215.46	3.83	227.50	0.95	43.11	623.					
5	1	-6	14.45	0.13	223.62	12.52	0.5179		24.4371	1.0000	0.0299	0.0150	
			113.42	3.39	125.87	0.90	41.49	760.					
			90.39	3.28	102.85	0.88	41.49	774.					
5	1	-5	10.08	0.17	114.36	23.03	0.4993		12.3396	1.0000	0.1133	0.0568	WATCH OUT
			1101.08	5.28	1302.04	0.85	40.25	920.					
			1204.93	5.53	1389.78	0.87	40.25	903.					
5	1	-4	33.92	0.08	1345.91	103.85	0.4851		143.9616	1.0000	0.0450	0.0225	WATCH OUT
			260.40	3.62	308.20	0.84	39.44	1054.					
			246.35	3.51	298.89	0.82	39.44	1068.					
5	1	-3	15.91	0.11	303.55	14.05	0.4758		32.2954	1.0000	0.0277	0.0139	
			109.91	3.22	135.27	0.81	39.08	1222.					
			125.86	3.48	151.05	0.83	39.08	1207.					
5	1	-2	10.83	0.15	143.16	15.95	0.4715		15.1960	1.0000	0.0676	0.0338	
			49.38	2.99	60.58	0.82	39.17	1380.					
			48.39	3.17	57.90	0.84	39.17	1366.					
5	1	-1	6.99	0.22	59.24	0.99	0.4725		6.2919	1.0000	0.0101	0.0050	
			855.46	5.12	952.56	0.90	40.68	1361.					
			874.92	5.01	961.64	0.91	40.68	1375.					
5	1	1	29.42	0.09	957.10	19.46	0.4900		102.6729	1.0000	0.0112	0.0056	
			21.30	3.21	22.71	0.94	42.06	1202.					
			9.02	3.34	9.49	0.95	42.06	1217.					
5	1	2	0.00	0.00	16.10	12.28	0.5060		1.7450	1.0000	0.0000	0.0000	
			90.29	3.84	90.91	0.99	43.83	1049.					
			104.99	3.66	104.26	1.01	43.83	1063.					
5	1	3	9.90	0.19	97.59	14.71	0.5262		10.7294	1.0000	0.0749	0.0375	
			65.65	3.63	62.12	1.06	45.94	898.					
			65.39	3.87	61.02	1.07	45.94	912.					
5	1	4	8.10	0.23	61.57	0.26	0.5502		6.9028	1.0000	0.0020	0.0010	
			543.16	5.18	473.16	1.15	48.36	755.					
			548.29	5.43	473.24	1.16	48.36	769.					
5	1	5	23.36	0.11	473.20	5.13	0.5775		54.4234	1.0000	0.0047	0.0023	
			74.32	4.25	60.13	1.24	51.06	618.					
			67.22	4.26	53.90	1.25	51.06	632.					
5	1	6	8.41	0.25	57.02	7.11	0.6077		6.7742	1.0000	0.0502	0.0251	
			102.85	4.99	76.36	1.35	54.02	504.					
			119.55	4.85	89.55	1.34	54.02	491.					
5	1	7	10.56	0.23	82.95	16.69	0.6403		10.2618	1.0000	0.0749	0.0375	
			6.06	4.77	4.16	1.46	57.22	389.					
			0.00	4.78	0.00	0.00	57.22	377.					
5	1	8	0.00	0.00	4.16	6.06	0.6751		0.5406	1.0000	0.0000	0.0000	
			3171.34	12.28	2172.59	1.46	57.58	106.					
			3040.80	11.33	2227.62	1.37	57.58	136.					
5	3	-11	55.68	0.11	2200.11	130.54	0.6790		287.3979	1.0000	0.0209	0.0105	WATCH OUT
			34.60	4.68	25.53	1.36	54.53	176.					
			42.63	4.24	33.64	1.27	54.53	212.					
5	3	-10	6.25	0.36	29.59	8.03	0.6459		3.6871	1.0000	0.1020	0.0513	
			1385.40	7.54	1174.69	1.18	51.73	303.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF					
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA	ZACH				
			1432.41		8.07	1136.16	1.26	51.73	267.				
5	3	-9	37.51	1407.32	0.10	1155.43	47.01	0.6151	138.4772	1.0000	0.0166	0.0083	WATCH OUT
			8928.54		16.30	7581.90	1.18	49.20	370.				
			8401.98		15.37	7625.56	1.10	49.20	406.				
5	3	-8	93.00	8649.84	0.09	7603.73	526.57	0.5869	883.0020	1.0000	0.0303	0.0152	WATCH OUT
			5024.34		11.84	4575.96	1.10	46.96	481.				
			4771.77		11.35	4606.98	1.04	46.96	522.				
5	3	-7	69.95	4892.81	0.08	4591.47	252.56	0.5617	520.1334	1.0000	0.0258	0.0129	WATCH OUT
			52.75		3.98	50.78	1.04	45.04	606.				
			56.41		3.66	57.56	0.98	45.04	651.				
5	3	-6	7.40	54.74	0.26	54.17	3.66	0.5400	6.0216	1.0000	0.0332	0.0166	
			2216.47		7.62	2241.40	0.99	43.48	746.				
			2092.54		7.24	2236.73	0.94	43.48	788.				
5	3	-5	46.38	2151.41	0.08	2239.06	123.93	0.5222	245.4471	1.0000	0.0287	0.0144	WATCH OUT
			2189.06		7.08	2425.30	0.90	42.30	934.				
			2336.90		7.61	2449.88	0.95	42.30	889.				
5	3	-4	47.52	2257.72	0.08	2437.59	147.84	0.5086	264.6461	1.0000	0.0326	0.0163	WATCH OUT
			290.76		3.92	312.24	0.93	41.52	1037.				
			255.55		3.78	289.96	0.88	41.52	1082.				
5	3	-3	16.51	272.51	0.12	301.10	35.21	0.4997	32.4967	1.0000	0.0645	0.0323	WATCH OUT
			189.07		3.46	216.85	0.87	41.17	1239.				
			212.83		3.65	231.08	0.92	41.17	1192.				
5	3	-2	14.15	200.31	0.13	223.96	23.76	0.4957	24.1098	1.0000	0.0591	0.0296	WATCH OUT
			2582.86		7.39	2954.12	0.87	41.25	1395.				
			2833.24		7.92	3068.47	0.92	41.25	1348.				
5	3	-1	51.95	2699.30	0.07	3011.30	250.38	0.4966	324.3641	1.0000	0.0462	0.0231	WATCH OUT
			1693.11		7.02	1714.69	0.99	42.70	1390.				
			1609.75		6.57	1671.95	0.96	42.70	1343.				
5	3	1	40.60	1648.64	0.08	1693.32	83.37	0.5133	184.4364	1.0000	0.0252	0.0126	WATCH OUT
			772.61		5.33	768.51	1.01	44.04	1187.				
			800.29		5.65	775.04	1.03	44.04	1234.				
5	3	2	28.03	785.66	0.10	771.77	27.68	0.5285	85.0086	1.0000	0.0176	0.0088	
			11107.92		16.49	10507.40	1.06	45.74	1032.				
			11625.39		17.06	10708.10	1.09	45.74	1077.				
5	3	3	106.57	11357.81	0.08	10607.75	517.47	0.5479	1186.9662	1.0000	0.0228	0.0114	WATCH OUT
			1474.57		7.32	1315.56	1.12	47.78	884.				
			1532.71		7.62	1331.69	1.15	47.78	929.				
5	3	4	38.76	1502.47	0.10	1323.63	58.14	0.5710	151.2642	1.0000	0.0193	0.0097	WATCH OUT
			544.33		5.69	450.34	1.21	50.14	741.				
			544.89		5.89	442.41	1.23	50.14	783.				
5	3	5	23.34	544.60	0.12	446.37	0.56	0.5974	52.4229	1.0000	0.0005	0.0003	
			435.38		5.82	329.64	1.32	52.78	646.				
			419.13		5.82	323.28	1.30	52.78	601.				
5	3	6	20.67	427.26	0.14	326.46	16.25	0.6266	39.6802	1.0000	0.0190	0.0095	
			3661.38		12.34	2624.13	1.40	55.67	476.				
			3743.58		12.62	2634.44	1.42	55.67	517.				
5	3	7	60.84	3701.54	0.10	2629.28	82.20	0.6583	333.3215	1.0000	0.0111	0.0055	WATCH OUT
			31.59		5.12	21.00	1.50	58.81	365.				
			26.27		5.35	17.16	1.53	58.81	401.				
5	3	8	0.00	0.00	0.00	19.08	5.32	0.6922	2.5431	1.0000	0.0000	0.0000	
			108.88		5.00	72.75	1.50	57.78	167.				
			99.76		4.81	70.81	1.41	57.78	221.				
5	5	-10	10.21	104.15	0.24	71.78	9.12	0.6811	9.4061	1.0000	0.0437	0.0219	
			282.59		5.03	214.11	1.32	55.09	314.				
			258.67		5.51	184.47	1.40	55.09	256.				
5	5	-9	16.48	271.73	0.16	199.29	23.92	0.6520	25.0426	1.0000	0.0436	0.0219	

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				367.24	5.67	278.52	1.32	52.67	355.					
				364.03	5.10	293.34	1.24	52.67	417.					
5	5	-8	19.12	365.47	0.14	285.93	3.21	0.6254		34.7038	1.0000	0.0043	0.0022	
				4.54	3.85	3.87	1.17	50.55	534.					
				8.84	3.88	7.09	1.25	50.55	469.					
5	5	-7	0.00	0.00	0.00	5.48	4.30	0.6019		0.6470	1.0000	0.0000	0.0000	
				126.22	4.39	106.41	1.19	48.74	594.					
				124.07	4.07	111.12	1.12	48.74	664.					
5	5	-6	11.18	125.06	0.19	108.77	2.15	0.5817		12.5628	1.0000	0.0086	0.0043	
				47.93	4.00	42.31	1.13	47.27	730.					
				55.46	3.72	51.67	1.07	47.27	805.					
5	5	-5	7.21	51.96	0.27	46.99	7.53	0.5652		5.3407	1.0000	0.0721	0.0361	
				622.91	4.98	599.10	1.04	46.16	948.					
				617.86	5.19	563.21	1.10	46.16	876.					
5	5	-4	24.91	620.49	0.10	581.16	5.05	0.5527		65.2982	1.0000	0.0041	0.0020	
				129.76	3.85	127.45	1.02	45.44	1096.					
				146.87	3.84	136.76	1.07	45.44	1024.					
5	5	-3	11.76	138.34	0.16	132.10	17.11	0.5445		14.7386	1.0000	0.0619	0.0310	
				89.60	3.87	84.26	1.06	45.11	1179.					
				101.76	3.57	100.91	1.01	45.11	1253.					
5	5	-2	9.81	96.16	0.19	92.58	12.16	0.5408		10.2976	1.0000	0.0629	0.0315	
				13.39	3.64	12.56	1.07	45.19	1334.					
				19.18	3.32	18.97	1.01	45.19	1409.					
5	5	-1	0.00	0.00	0.00	15.77	5.79	0.5416		1.7551	1.0000	0.0000	0.0000	
				550.24	4.98	500.80	1.10	46.54	1329.					
				594.99	5.17	525.41	1.13	46.54	1404.					
5	5	1	23.91	571.77	0.11	513.10	44.74	0.5570		57.8730	1.0000	0.0391	0.0195	WATCH OUT
				2.43	3.85	2.14	1.14	47.79	1174.					
				4.80	3.87	4.09	1.17	47.79	1248.					
5	5	2	0.00	0.00	0.00	3.11	2.36	0.5710		0.3558	1.0000	0.0000	0.0000	
				120.98	4.44	97.28	1.24	49.39	1091.					
				114.16	4.30	95.33	1.20	49.39	1019.					
5	5	3	10.84	117.46	0.20	96.30	6.82	0.5890		11.2086	1.0000	0.0290	0.0145	
				42.21	4.17	33.46	1.26	51.32	871.					
				34.87	4.51	26.62	1.31	51.32	943.					
5	5	4	6.23	38.83	0.35	30.04	7.34	0.6106		3.5811	1.0000	0.0939	0.0472	
				565.33	6.00	407.22	1.39	53.56	800.					
				538.68	5.96	402.78	1.34	53.56	725.					
5	5	5	23.49	551.91	0.13	405.00	26.65	0.6353		49.7720	1.0000	0.0241	0.0121	
				61.92	4.86	41.89	1.48	56.09	659.					
				48.82	4.74	34.27	1.42	56.09	589.					
5	5	6	7.43	55.21	0.32	38.08	13.10	0.6628		4.8584	1.0000	0.1186	0.0595	
				100.48	5.04	66.02	1.52	58.87	464.					
				112.23	5.18	71.08	1.58	58.87	529.					
5	5	7	10.30	106.19	0.25	68.55	11.75	0.6929		9.1478	1.0000	0.0553	0.0277	
				358.46	6.43	223.88	1.60	59.88	247.					
				338.84	5.92	222.47	1.52	59.88	323.					
5	7	-9	18.65	347.83	0.17	223.18	19.62	0.7037		30.2907	1.0000	0.0280	0.0140	
				211.71	5.41	139.44	1.52	57.60	345.					
				211.13	5.26	146.18	1.44	57.60	430.					
5	7	-8	14.54	211.41	0.18	142.81	0.59	0.6792		18.6612	1.0000	0.0014	0.0007	
				65.74	4.68	47.78	1.38	55.60	548.					
				86.17	4.79	59.57	1.45	55.60	457.					
5	7	-7	8.70	75.72	0.27	53.67	20.43	0.6576		6.7973	1.0000	0.1348	0.0677	
				229.60	5.28	165.62	1.39	53.91	582.					
				230.42	5.01	174.73	1.32	53.91	678.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA					
5	7	-6	15.17	230.03	0.17	170.17	0.81	0.6391	21.0176	1.0000	0.0018	0.0009	
			63.80	4.31	50.12	1.27	52.55	817.					
			69.78	4.71	52.15	1.34	52.55	718.					
5	7	-5	8.16	66.53	0.28	51.13	5.99	0.6241	6.1957	1.0000	0.0446	0.0223	
			828.46	6.39	636.10	1.30	51.53	864.					
			770.86	6.21	622.09	1.24	51.53	960.					
5	7	-4	28.26	798.83	0.11	629.09	57.60	0.6128	75.1952	1.0000	0.0360	0.0180	WATCH OUT
			205.39	4.29	168.74	1.22	50.86	1112.					
			188.59	4.81	147.44	1.28	50.86	1011.					
5	7	-3	14.07	197.95	0.16	158.09	16.80	0.6054	18.7352	1.0000	0.0419	0.0210	
			105.25	4.33	87.18	1.21	50.56	1266.					
			120.89	4.31	95.31	1.27	50.56	1163.					
5	7	-2	10.63	113.10	0.20	91.25	15.64	0.6021	10.7730	1.0000	0.0691	0.0346	
			82.46	4.20	64.91	1.27	50.63	1321.					
			77.82	4.17	64.35	1.21	50.63	1425.					
5	7	-1	8.95	80.12	0.23	64.63	4.64	0.6029	7.6373	1.0000	0.0290	0.0145	
			514.29	5.62	396.69	1.30	51.88	1316.					
			548.14	5.75	407.31	1.35	51.88	1420.					
5	7	1	23.04	530.83	0.12	402.00	33.85	0.6167	48.2728	1.0000	0.0319	0.0159	
			43.24	4.39	31.19	1.39	53.03	1261.					
			40.12	4.36	30.03	1.34	53.03	1158.					
5	7	2	6.45	41.67	0.34	30.61	3.12	0.6294	3.7336	1.0000	0.0375	0.0187	
			38.79	4.39	27.96	1.39	54.52	1006.					
			31.99	4.74	22.22	1.44	54.52	1107.					
5	7	3	5.97	35.65	0.38	25.09	6.80	0.6458	3.1263	1.0000	0.0948	0.0476	
			3.43	4.50	2.36	1.45	56.33	859.					
			11.86	4.59	7.88	1.50	56.33	955.					
5	7	4	0.00	0.00	0.00	5.12	8.43	0.6655	0.6560	1.0000	0.0000	0.0000	
			171.89	5.25	112.68	1.53	58.44	713.					
			173.69	5.47	109.81	1.58	58.44	812.					
5	7	5	13.14	172.76	0.20	111.24	1.80	0.6882	14.7379	1.0000	0.0052	0.0026	
			761.99	7.25	479.04	1.59	59.07	707.					
			796.69	7.21	523.17	1.52	59.07	827.					
5	9	-5	27.92	779.44	0.13	501.11	34.69	0.6950	67.0843	1.0000	0.0223	0.0111	
			1495.55	8.68	1004.01	1.49	58.12	970.					
			1465.59	8.96	942.05	1.56	58.12	850.					
5	9	-4	38.48	1481.04	0.11	973.03	29.96	0.6848	128.2410	1.0000	0.0101	0.0051	
			49.47	5.09	32.27	1.53	57.51	1000.					
			69.40	4.65	47.28	1.47	57.51	1122.					
5	9	-3	7.77	60.34	0.31	39.77	19.93	0.6782	5.1898	1.0000	0.1638	0.0828	
			127.29	4.83	83.61	1.52	57.24	1152.					
			128.15	5.00	87.89	1.46	57.24	1277.					
5	9	-2	11.30	127.71	0.22	85.75	0.86	0.6753	11.1402	1.0000	0.0034	0.0017	
			1390.08	8.35	912.05	1.52	57.30	1310.					
5	9	-1	37.28	1390.08	0.11	912.05	0.00	0.6760	118.6118	1.0000	0.0000	0.0000	
			559.49	6.56	361.39	1.55	58.45	1305.					
5	9	1	23.65	559.49	0.14	361.39	0.00	0.6883	47.8836	1.0000	0.0000	0.0000	
			683.92	7.29	419.27	1.63	59.52	1272.					
			643.86	7.15	405.80	1.59	59.52	1147.					
5	9	2	25.76	663.51	0.14	412.54	40.07	0.6997	55.6445	1.0000	0.0302	0.0151	
			3154.34	11.81	2191.90	1.44	58.44	196.					
6	0	-10	56.16	3154.34	0.11	2191.90	0.00	0.6882	290.3708	1.0000	0.0000	0.0000	
			4737.40	13.45	3498.75	1.35	55.89	284.					
6	0	-9	68.83	4737.40	0.10	3498.75	0.00	0.6606	445.0085	1.0000	0.0000	0.0000	
			38.93	4.12	30.43	1.28	53.61	388.					
6	0	-8	6.24	38.93	0.33	30.43	0.00	0.6358	3.7421	1.0000	0.0000	0.0000	

H	K	L	F**2		SIGMA	CINT	GCORR	TWOTH	NREF	ZACH			
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA					
				329.29	5.07	270.92	1.22	51.64	503.				
6	0	-7	18.15	329.29	0.14	270.92	0.00	0.6140		32.4299	1.0000	0.0000	0.0000
				4533.59	11.75	3898.40	1.16	49.99	631.				
6	0	-6	67.33	4533.59	0.09	3898.40	0.00	0.5957		456.9829	1.0000	0.0000	0.0000
				1126.11	6.48	1003.68	1.12	48.67	768.				
6	0	-5	33.56	1126.11	0.10	1003.68	0.00	0.5810		115.8463	1.0000	0.0000	0.0000
				87.57	3.76	80.67	1.09	47.72	911.				
6	0	-4	9.36	87.57	0.20	80.67	0.00	0.5703		9.2124	1.0000	0.0000	0.0000
				1986.24	7.72	1859.20	1.07	47.15	1062.				
6	0	-3	44.57	1986.24	0.09	1859.20	0.00	0.5639		211.0338	1.0000	0.0000	0.0000
				4618.77	11.01	4345.35	1.06	46.97	1215.				
6	0	-2	67.96	4618.77	0.08	4345.35	0.00	0.5618		492.2800	1.0000	0.0000	0.0000
				949.65	5.87	888.02	1.07	47.17	1373.				
6	0	-1	30.82	949.65	0.10	888.02	0.00	0.5641		100.8223	1.0000	0.0000	0.0000
				1210.22	6.95	1033.16	1.17	48.74	1368.				
6	0	1	34.79	1210.22	0.10	1033.16	0.00	0.5818		119.3430	1.0000	0.0000	0.0000
				3054.48	9.99	2514.12	1.21	50.08	1209.				
6	0	2	55.27	3054.48	0.09	2514.12	0.00	0.5967		295.0374	1.0000	0.0000	0.0000
				106.52	4.38	83.84	1.27	51.75	1056.				
6	0	3	10.32	106.52	0.21	83.84	0.00	0.6153		10.0505	1.0000	0.0000	0.0000
				24.96	4.56	18.66	1.34	53.74	905.				
6	0	4	0.00	0.00	0.00	18.66	0.00	0.6372		2.2987	1.0000	0.0000	0.0000
				3550.89	12.42	2506.90	1.42	56.03	762.				
6	0	5	59.59	3550.89	0.10	2506.90	0.00	0.6622		319.5714	1.0000	0.0000	0.0000
				4288.52	14.03	2848.13	1.51	58.60	625.				
6	0	6	65.49	4288.52	0.11	2848.13	0.00	0.6899		378.3155	1.0000	0.0000	0.0000
				56.09	4.76	38.84	1.44	59.22	207.				
				62.53	4.96	42.01	1.49	59.22	185.				
6	2	-10	7.69	59.18	0.32	40.42	6.45	0.6966		5.4257	1.0000	0.0544	0.0272
				750.28	6.73	551.36	1.36	56.70	295.				
				727.93	6.86	518.94	1.40	56.70	273.				
6	2	-9	27.19	739.32	0.12	535.15	22.35	0.6694		68.9297	1.0000	0.0151	0.0076
				717.06	6.11	540.32	1.33	54.45	376.				
				675.94	6.37	524.99	1.29	54.45	400.				
6	2	-8	26.41	697.35	0.12	532.66	41.11	0.6449		66.2987	1.0000	0.0294	0.0147
				0.00	4.16	0.00	0.00	52.49	490.				
				6.93	3.91	5.66	1.22	52.49	516.				
6	2	-7	0.00	0.00	0.00	5.66	6.93	0.6235		0.6854	1.0000	0.0000	0.0000
				217.67	4.51	180.01	1.21	50.86	617.				
				214.83	4.52	183.07	1.17	50.86	645.				
6	2	-6	14.71	216.25	0.15	181.54	2.84	0.6054		21.5134	1.0000	0.0066	0.0033
				4.14	3.75	3.55	1.17	49.56	754.				
				0.00	3.76	0.00	0.00	49.56	782.				
6	2	-5	0.00	0.00	0.00	3.55	4.14	0.5910		0.4137	1.0000	0.0000	0.0000
				312.66	4.75	274.73	1.14	48.63	897.				
				310.60	4.46	281.17	1.10	48.63	928.				
6	2	-4	17.65	311.56	0.13	277.95	2.06	0.5805		32.0648	1.0000	0.0033	0.0016
				67.94	3.77	60.64	1.12	48.06	1048.				
				58.02	3.69	53.34	1.09	48.06	1076.				
6	2	-3	7.93	62.86	0.24	56.99	9.92	0.5741		6.5329	1.0000	0.0788	0.0395
				5.04	3.53	4.54	1.11	47.88	1200.				
				0.47	3.51	0.43	1.08	47.88	1233.				
6	2	-2	0.00	0.00	0.00	2.49	4.58	0.5721		0.2843	1.0000	0.0000	0.0000
				45.00	3.57	41.32	1.09	48.09	1388.				
				45.24	3.76	40.34	1.12	48.09	1359.				
6	2	-1	6.72	45.11	0.27	40.83	0.24	0.5744		4.6820	1.0000	0.0027	0.0013

WATCH OUT

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				9.08	3.78	7.53	1.21	49.63	1382.					
				4.28	3.91	3.57	1.20	49.63	1350.					
6	2	1	0.00	0.00	0.00	5.55	4.80	0.5917		0.6478	1.0000	0.0000	0.0000	
				200.45	4.80	160.26	1.25	50.95	1224.					
				208.96	4.51	168.20	1.24	50.95	1194.					
6	2	2	14.32	204.97	0.16	164.23	8.51	0.6064		19.4839	1.0000	0.0207	0.0103	
				2.65	4.21	2.04	1.30	52.60	1039.					
				8.85	4.02	6.77	1.31	52.60	1070.					
6	2	3	0.00	0.00	0.00	4.41	6.20	0.6247		0.5346	1.0000	0.0000	0.0000	
				674.99	6.42	491.19	1.37	54.57	922.					
				701.14	6.27	513.49	1.37	54.57	891.					
6	2	4	26.24	688.37	0.12	502.34	26.15	0.6463		62.6419	1.0000	0.0190	0.0095	
				729.83	6.81	502.25	1.45	56.84	776.					
				691.76	6.71	478.99	1.44	56.84	748.					
6	2	5	26.66	710.52	0.13	490.62	38.07	0.6710		63.3384	1.0000	0.0268	0.0134	
				54.83	5.14	35.54	1.54	59.38	639.					
				61.54	5.14	40.13	1.53	59.38	611.					
6	2	6	7.63	58.19	0.34	37.84	6.71	0.6983		5.0923	1.0000	0.0576	0.0288	
				151.18	5.16	99.94	1.51	59.08	262.					
				136.97	4.97	94.74	1.45	59.08	309.					
6	4	-9	11.99	143.82	0.21	97.34	14.21	0.6951		13.0346	1.0000	0.0493	0.0247	
				37.65	4.65	27.42	1.37	56.89	412.					
				58.15	4.45	40.47	1.44	56.89	364.					
6	4	-8	6.95	48.35	0.33	33.94	20.50	0.6716		4.3857	1.0000	0.2116	0.1073	
				34.08	4.43	24.85	1.37	55.00	475.					
				29.86	4.18	22.78	1.31	55.00	528.					
6	4	-7	5.64	31.85	0.38	23.81	4.22	0.6510		2.9885	1.0000	0.0660	0.0330	
				9.09	4.00	6.90	1.32	53.42	600.					
				13.34	3.84	10.59	1.26	53.42	658.					
6	4	-6	0.00	0.00	0.00	8.75	4.25	0.6337		1.0727	1.0000	0.0000	0.0000	
				270.15	4.96	221.51	1.22	52.17	799.					
				312.66	4.98	245.07	1.28	52.17	740.					
6	4	-5	17.07	291.32	0.15	233.29	42.51	0.6199		28.1228	1.0000	0.0730	0.0365	WATCH OUT
				394.43	5.25	316.63	1.25	51.27	883.					
				376.93	4.84	316.48	1.19	51.27	942.					
6	4	-4	19.62	384.95	0.13	316.56	17.50	0.6099		37.7096	1.0000	0.0226	0.0113	
				29.18	3.92	23.77	1.23	50.72	1031.					
				25.47	3.68	21.69	1.17	50.72	1090.					
6	4	-3	5.22	27.21	0.36	22.73	3.71	0.6039		2.6890	1.0000	0.0679	0.0339	
				159.15	4.11	136.16	1.17	50.55	1247.					
				178.50	4.29	146.10	1.22	50.55	1186.					
6	4	-2	12.98	168.40	0.16	141.13	19.36	0.6020		16.6596	1.0000	0.0574	0.0287	
				23.74	3.81	19.33	1.23	50.75	1341.					
				21.04	3.56	17.90	1.18	50.75	1403.					
6	4	-1	4.72	22.30	0.39	18.62	2.71	0.6041		2.2031	1.0000	0.0604	0.0302	
				387.44	5.32	299.96	1.29	52.24	1335.					
				384.88	5.29	291.78	1.32	52.24	1397.					
6	4	1	19.65	386.15	0.14	295.87	2.56	0.6206		35.6980	1.0000	0.0033	0.0017	
				100.59	4.67	73.79	1.36	53.51	1241.					
				94.29	4.48	70.63	1.34	53.51	1180.					
6	4	2	9.86	97.31	0.23	72.21	6.30	0.6346		8.8667	1.0000	0.0323	0.0162	
				204.24	5.18	143.89	1.42	55.10	1084.					
				210.69	4.80	151.54	1.39	55.10	1025.					
6	4	3	14.41	207.71	0.17	147.71	6.45	0.6521		18.5657	1.0000	0.0154	0.0077	
				67.93	4.68	45.67	1.49	57.02	936.					
				62.37	4.65	42.80	1.46	57.02	877.					

H	K	L	F**2	SIGMA	CINT	GCORR	TWOTH	NREF	ZACH				
			F(AV)	FS(AV)	SIGAV	CINTAV	RANGE	SINTH/LA					
6	4	4	8.07	65.13	0.29	44.23	5.55	0.6729	5.7265	1.0000	0.0426	0.0213	
			448.64	6.46	286.37	1.57	59.22	790.					
			448.37	6.39	292.09	1.54	59.22	734.					
6	4	5	21.18	448.50	0.15	289.23	0.27	0.6966	38.8205	1.0000	0.0003	0.0001	
			271.85	5.72	184.04	1.48	59.02	540.					
			287.26	5.52	187.61	1.53	59.02	463.					
6	6	-7	16.73	279.83	0.17	185.82	15.41	0.6944	24.8550	1.0000	0.0275	0.0138	
			1690.46	9.07	1185.56	1.43	57.51	673.					
			1711.88	9.13	1158.29	1.48	57.51	588.					
6	6	-6	41.24	1701.10	0.11	1171.93	21.42	0.6782	152.9163	1.0000	0.0063	0.0031	
			1715.54	9.01	1238.03	1.39	56.32	811.					
			1738.34	9.07	1210.40	1.44	56.32	724.					
6	6	-5	41.56	1726.87	0.11	1224.22	22.80	0.6654	156.7585	1.0000	0.0066	0.0033	
			24.79	4.14	18.27	1.36	55.46	954.					
			12.15	4.36	8.64	1.41	55.46	870.					
6	6	-4	0.00	0.00	0.00	13.46	12.64	0.6561	1.7006	1.0000	0.0000	0.0000	
			624.64	6.42	449.99	1.39	54.95	1018.					
			632.00	6.17	471.70	1.34	54.95	1103.					
6	6	-3	25.07	628.47	0.13	460.85	7.37	0.6505	57.7908	1.0000	0.0059	0.0029	
			4864.77	13.29	3645.50	1.33	54.79	1260.					
			4704.67	13.31	3403.88	1.38	54.79	1173.					
6	6	-2	69.17	4784.82	0.10	3524.69	160.10	0.6487	440.9189	1.0000	0.0167	0.0084	WATCH OUT
			433.13	5.87	312.00	1.39	54.97	1328.					
			440.42	5.66	328.46	1.34	54.97	1416.					
6	6	-1	20.90	436.91	0.14	320.23	7.28	0.6507	40.1699	1.0000	0.0083	0.0042	
			1984.60	9.82	1334.89	1.49	56.38	1410.					
			1849.78	9.10	1286.19	1.44	56.38	1322.					
6	6	1	43.73	1912.05	0.11	1310.54	134.82	0.6660	167.9751	1.0000	0.0351	0.0175	WATCH OUT
			1588.62	9.06	1073.06	1.48	57.59	1164.					
			1733.15	9.61	1132.72	1.53	57.59	1254.					
6	6	2	40.70	1656.63	0.11	1102.89	144.53	0.6791	144.0985	1.0000	0.0435	0.0217	WATCH OUT
			314.07	5.87	204.72	1.53	59.12	1012.					
			322.49	5.93	203.44	1.59	59.12	1097.					
6	6	3	17.84	318.24	0.17	204.08	8.43	0.6955	27.3427	1.0000	0.0132	0.0066	
			122.67	4.78	82.23	1.49	59.26	497.					
			106.73	4.80	72.28	1.48	59.26	510.					
7	1	-7	10.71	114.73	0.22	77.26	15.93	0.6970	10.3761	1.0000	0.0694	0.0348	
			12.53	4.41	8.68	1.44	57.87	624.					
			9.21	4.54	6.44	1.43	57.87	638.					
7	1	-6	0.00	0.00	0.00	7.56	3.32	0.6821	0.9922	1.0000	0.0000	0.0000	
			324.37	5.30	232.65	1.39	56.81	775.					
			320.00	5.51	227.22	1.41	56.81	761.					
7	1	-5	17.95	322.27	0.15	229.93	4.37	0.6706	29.6681	1.0000	0.0068	0.0034	
			264.99	4.87	193.44	1.37	56.07	921.					
			265.23	5.00	191.68	1.38	56.07	904.					
7	1	-4	16.28	265.11	0.15	192.56	0.24	0.6627	24.5630	1.0000	0.0004	0.0002	
			5.72	4.21	4.22	1.36	55.68	1069.					
			26.73	3.94	19.50	1.37	55.68	1055.					
7	1	-3	0.00	0.00	0.00	11.86	21.01	0.6584	1.5038	1.0000	0.0000	0.0000	
			61.04	4.56	44.57	1.37	55.64	1208.					
			67.71	4.22	49.95	1.36	55.64	1223.					
7	1	-2	8.04	64.63	0.27	47.26	6.68	0.6579	5.9878	1.0000	0.0513	0.0257	
			24.68	4.05	18.07	1.37	55.94	1381.					
			25.71	4.20	18.64	1.38	55.94	1367.					
7	1	-1	5.02	25.18	0.41	18.35	1.03	0.6612	2.3360	1.0000	0.0205	0.0102	
			54.64	4.65	36.98	1.48	57.56	1360.					

H	K	L	F(AV)	F**2 FS(AV)	SIGMA SIGAV	CINT CINTAV	GCORR RANGE	TWOTH SINTH/LA	NREF	ZACH				
				50.69	4.65	34.37	1.47	57.56	1374.					
7	1	1	7.26	52.67	0.32	35.68	3.95	0.6788		4.6593	1.0000	0.0375	0.0188	
				45.16	4.63	29.70	1.52	58.87	1216.					
				52.42	4.36	34.40	1.52	58.87	1201.					
7	1	2	7.00	49.01	0.32	32.05	7.26	0.6928		4.2764	1.0000	0.0738	0.0370	
				598.35	6.89	395.47	1.51	59.45	610.					
				602.19	6.35	409.58	1.47	59.45	652.					
7	3	-6	24.50	600.43	0.14	402.52	3.85	0.6991		54.2349	1.0000	0.0032	0.0016	
				551.01	6.12	373.08	1.48	58.40	747.					
				514.80	6.15	358.65	1.44	58.40	789.					
7	3	-5	23.09	532.99	0.13	365.87	36.20	0.6878		48.4403	1.0000	0.0340	0.0170	
				2275.27	10.14	1566.75	1.45	57.68	890.					
				2160.61	9.68	1530.62	1.41	57.68	935.					
7	3	-4	47.07	2215.33	0.11	1548.69	114.66	0.6801		202.6438	1.0000	0.0258	0.0129	WATCH OUT
				1539.30	8.48	1069.63	1.44	57.30	1038.					
				1459.46	8.18	1043.11	1.40	57.30	1083.					
7	3	-3	38.70	1497.96	0.11	1056.37	79.85	0.6759		137.3704	1.0000	0.0266	0.0133	WATCH OUT
				110.78	4.73	79.24	1.40	57.25	1240.					
				127.28	4.45	88.53	1.44	57.25	1193.					
7	3	-2	10.93	119.54	0.21	83.88	16.49	0.6754		10.9005	1.0000	0.0687	0.0344	
				66.37	4.32	45.83	1.45	57.55	1349.					
				62.52	4.25	44.38	1.41	57.55	1396.					
7	3	-1	8.03	64.41	0.27	45.11	3.85	0.6786		5.8897	1.0000	0.0299	0.0149	
				747.29	7.20	484.70	1.54	59.14	1342.					
				767.39	7.22	494.80	1.55	59.14	1389.					
7	3	1	27.52	757.32	0.13	489.75	20.10	0.6958		65.6467	1.0000	0.0000	0.0000	
				747.29	7.20	484.70	1.54	59.14	1342.					
-50-50	1		27.34	747.29	0.13	484.70	0.00	0.6958		64.9695	1.0000	0.0000	0.0000	

1426 NON-UNIQUE F(HKL) WERE USED IN AVERAGING
THE NUMBER OF UNIQUE F(HKL) IS 729

OF THESE 71 ARE CONSIDERED TO BE OF ZERO INTEN.

R FACTOR ON INTENSITIES = 0.02676 R FACTOR ON FS= 0.01798
1066614.00000 39862396.00000 22494.06641 1251334.62500