qAbw 0.89 3.853 0.063 qabs 0.886 3.928 0.061 qabV 0.88 3.927 0.056 qabf 0.9 2.996 0.064 qabb 0.864 3.5 0.054 qabR 0.824 3.084 0.06		.11 0.916 112.3 498.9 1018.9 0. 915 0.804 112.0 509.8 1019.1 0.	BOSN Tr30-90N BareSoil CV 0.34 0.22 0.18 0.33 0.19 0.19 0.34 0.19 0.18 0.35 0.27 0.19 0.36 0.23 0.18 0.34 0.23 0.19	Veg_NAM CVeg_SAM CVeg_EUR CVeg_ 74.1 116.9 12.5 145 61.4 127.9 10.2 142 57.4 132.4 10.6 147 76.8 124.9 12.2 139 67.8 134.8 10.7 155 61.5 113.4 10.1 129	AFR CVeg_NAS CVeg_CAS CVeg_S.0 41.0 3.3 14.2.4 32.8 2.7 12.3 12.4 31.7 2.6 12.6 12.7 50.1 3.3 1.5 3.8 37.7 2.8 12.8 12.9 36.1 2.3 12.8 12.9 36.1 2.3 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8	JEAS CVeg_SAS CVeg_SEA CV 4.3 4.8 46.4 46.5 2.6 4.7 46.5 49.3 5.1 4.5 47.1 47.1 3.9 5.1 50.8 2.4 4.2 44.4	Veg_OCN GPP_NAM GPP 13.3 16.5 2 10.1 15.5 2 11.5 14.7 2 8.2 16.1 2 12.1 15.3 2 11.0 15.0 2	PP_SAM GPP_EUR GPP_AFR G 24.2 5.1 26.5 25.6 4.6 27.2 24.7 4.5 26.3 25.0 4.9 26.9 25.0 4.7 27.3 25.5 4.5 27.1	GPP_NAS GPP_CAS GPP_EAS 9.9 2.0 8.7 9.2 1.7 8.1 8.8 1.7 8.0 9.8 1.8 8.3 9.0 1.7 8.3 9.0 1.6 7.9	S GPP_SAS GPP_SEA GI 2.1 7.9 2.2 8.3 1.9 8.1 2.0 8.3 2.2 8.2 2.2 8.2	PP_OCN CSoil_NAM CSoil_SAM 6.2 266.2 120.7 5.7 232.4 107.4 5.9 229.9 110.4 5.1 247.8 110.0 6.1 238.5 116.0 6.7 210.6 102.7	53.9 114.6 57.4 113.9 57.0 120.1	Soil_NAS CSoil_CAS CSoil_EA 250.3 30.5 117.2 222.5 24.0 98.2 218.6 24.7 103.3 238.3 25.2 106.7 221.1 28.0 107.6 200.7 21.9 92.6	AS CSoil_SAS CSoil_SEA C 22.5 29.6 19.7 29.2 19.7 29.7 20.1 29.7 21.9 31.2 20.0 27.2	Soil_OCN Tau_NA 40.7 27.2 35.6 27.8 39.6 27.3 34.0 27.3 41.5 26.5 39.5 26.1	M Tau_SAM Tau_EUR Tau 9.9 21.9 10.3 22.7 10.0 22.1 10.1 22.0 9.9 21.6 9.7 21.0	I_AFR Tau_NAS Tau 9.6 40.7 2 9.9 41.4 2 9.8 40.4 2 9.8 40.1 2 9.4 38.7 2 9.6 38.1 2	29.2 23.1 28.8 22.6 28.9 22.8 28.1 22.7 28.1 21.9 27.7 21.7	Tau_SAS Tau_SEA 20.6 8.2 20.5 8.3 20.7 8.2 21.1 8.3 19.5 8.1 19.1 8.0	11.9 12.9 12.7 13.2 12.4 12.0	0.74 0.73 0.69 0.69 0.69 0.69
Qabp 0.832 2.382 0.055 Qabb 0.858 2.913 0.049 qabF 0.935 2.729 0.064 qaBn 0.916 1.143 0.058	0.231 4.05 40 0.169 3.703 39 0.274 -1.622 34 0.236 -0.267 35 0.182 -4.157 31 0.201 4.3 40 0.163 0.067 36	703 0.765 117.8 545.7 1064.7 0. 378 0.729 122.0 541.9 1047.7 0 733 0.72 122.9 528.8 1009.8 0 843 0.626 116.9 545.1 1079.1 0 0.3 0.994 104.8 459.5 926.8 0. 067 0.785 118.7 571.9 1086.8 0.	0.38 0.28 0.18 0.38 0.27 0.18 0.37 0.22 0.17 0.4 0.28 0.18 0.4 0.3 0.18 0.4 0.27 0.16 0.36 0.26 0.2 0.43 0.36 0.18	75.8 113.8 11.9 147 71.9 120.5 10.9 149 74.3 142.9 12.0 166 72.8 145.8 11.9 164 78.5 130.7 12.0 157 78.8 129.2 12.7 169 64.6 123.2 10.2 128 84.7 149.1 12.6 163	0.0 41.3 3.1 13 5.1 37.7 3.1 14 4.1 39.0 3.5 14 7.0 43.3 3.6 15 9.7 37.6 3.8 14 3.7 42.7 2.7 13	4.6 45.2	18.2 16.3 15.5 16.8	24.2 5.0 26.8 26.1 4.8 29.3 26.2 4.9 28.6 27.6 5.4 29.3 27.2 5.4 29.1 24.5 5.5 27.4 24.4 4.1 25.3 27.7 4.9 29.0	9.5 2.0 8.6 9.3 1.9 8.5 9.2 1.7 8.4 9.9 2.1 8.9 9.7 2.1 9.2 9.5 2.2 8.8 8.5 1.4 7.3 9.1 2.0 8.6	2.4 7.9 2.4 8.5 2.4 8.7 2.3 9.1 2.6 9.0 2.4 7.9 1.9 7.9 2.3 8.9	6.9 241.0 115.3 6.4 218.5 111.0 7.0 247.6 120.6 6.1 244.5 121.6 6.9 233.3 118.6 7.3 250.0 120.6 6.0 223.2 104.4 5.7 252.1 131.4	60.8 126.8 62.8 122.0 58.0 119.4 67.0 127.6 49.5 105.3	221.0 29.0 109.9 199.3 24.5 97.7 231.1 26.4 109.6 228.1 28.3 108.9 209.9 28.2 108.3 225.1 33.3 114.8 211.7 19.1 96.9 223.0 28.6 118.1	23.2 29.7 21.5 29.3 24.7 33.2 22.2 33.3 24.6 32.1 3 25.1 32.0 17.9 27.8 24.1 35.9	40.3 25.0 38.7 24.8 46.3 25.6 38.3 27.3 41.1 24.6 44.3 24.5 38.0 28.7 39.1 26.1	9.8 20.8 9.9 21.7 10.0 22.5 9.7 20.6 9.5 20.6 10.3 23.2	9.2 38.0 2 9.5 36.7 2 9.4 39.1 2 9.6 41.0 2 9.2 36.8 2 9.1 37.6 2 .0.0 42.0 2 9.6 38.0 2	26.9 21.6 26.4 20.9 28.4 21.6 29.6 22.8 27.3 21.0 27.2 21.4 29.0 23.9 27.5 22.6	19.2 8.0 19.1 8.0 18.9 8.0 20.5 8.4 18.7 8.0 19.3 7.9 20.6 8.4 19.9 8.2	11.6 11.8 11.9 12.6 12.2 11.1 12.9 12.6	0.68 0.68 0.66 0.66 0.65 0.65
qabQ 0.934 3.18 0.056 qabI 0.843 2.963 0.051 qabg 0.921 2.714 0.051 qabB 0.836 3.154 0.039 qaBd 0.823 2.467 0.057 Qabr 0.911 1.22 0.057 Qabb 0.843 3.694 0.043	0.242 4.454 40. 0.255 0.33 36 0.237 2.476 38. 0.218 -4.962 31. 0.172 -4.666 31. 0.192 -3.009 32. 0.152 1.919 37.	454 0.883 103.2 446.0 906.0 0. .33 0.795 108.2 425.5 879.6 0. 476 0.792 108.4 490.4 947.6 0. 038 0.122 113.9 513.8 1149.3 0. 334 0.687 123.0 534.5 1112.2 0. 991 0.701 123.6 583.6 1133.9 0.	0.4 0.21 0.17	52.0 131.9 9.0 141 51.1 111.5 8.5 136 58.5 142.4 9.6 154 62.7 118.8 10.3 175 88.6 110.6 13.9 158 88.6 148.4 13.4 168 63.1 159.4 10.9 185 54.3 165.6 9.1 191	52.2 5.1 1	7.2 5.3 50.5 2.5 5.9 57.0	14.5 17.4 2 27.2 15.3 2	24.6 4.3 25.8 23.8 4.5 26.0 25.5 4.5 26.7 21.9 6.1 26.6 25.5 5.7 28.8 27.7 5.6 29.7 25.1 5.1 27.5 26.0 4.9 28.0	7.9 1.5 7.4 8.8 1.7 8.0 8.3 1.7 7.6 9.8 2.9 8.6 10.1 2.3 9.4 9.6 2.2 9.3 8.5 1.8 8.2 8.1 1.8 8.0	1.6 7.8 2.1 7.7 1.9 8.1 2.4 6.7 2.7 8.3 2.5 9.0 2.3 8.3 1.8 8.3	4.7 213.9 105.0 6.7 204.3 101.5 5.5 221.1 111.9 7.1 260.8 117.1 7.6 254.8 128.8 6.0 263.7 134.8 7.3 241.6 124.3 5.6 238.3 125.6	46.9 105.3 53.1 115.6 79.5 137.4 66.0 131.7 72.0 135.3 61.9 129.1	204.0 20.5 93.9 190.5 21.8 92.1 206.6 23.8 98.2 237.0 54.4 118.3 228.7 34.8 119.7 229.6 32.5 124.0 217.5 28.1 110.4 217.1 27.8 108.5	16.0 28.4 20.5 26.3 18.1 30.3 28.1 27.6 28.3 32.6 26.1 36.7 23.5 34.3 19.2 34.1	31.1 29.0 38.6 25.7 35.2 27.2 47.5 25.7 46.3 23.6 39.0 25.5	10.2 23.5 9.6 21.0 10.0 22.2 10.0 22.1 1 9.5 19.6	9.9 44.1 2 9.3 38.3 2 9.8 42.2 2 .0.0 39.4 3 9.1 35.6 2 9.3 37.8 2 9.3 39.1 2 9.7 42.6 2	29.7 23.8 26.8 21.6 28.7 23.2 31.1 22.8 26.2 20.5 27.1 22.2 28.0 21.0 29.4 22.5	22.0 8.4 19.3 8.0 20.3 8.4 20.3 8.2 18.6 7.8 19.6 8.3 18.7 8.0 21.1 8.2	13.6 11.7 12.9 11.9 11.0 12.7 11.0 12.4	0.65 0.65 0.64 0.64 0.63 0.63 0.63
qAbz 0.845 3.454 0.04 qAbv 0.86 1.794 0.053 Qaby 0.915 3.018 0.04 qabd 0.942 1.955 0.064 Qabs 0.896 3.854 0.052 qAbp 0.883 3.165 0.048 Qabm 0.831 3.342 0.055 qabs 0.869 2.968 0.053 qAbp 0.929 3.448 0.06	0.163 3.221 39. 0.282 -3.6 32. 0.256 -2.066 33. 0.162 3.541 39. 0.291 3.299 39. 0.181 2.861 38. 0.172 -0.252 35. 0.174 3.673 39.	221 0.805 110.7 508.4 954.9 0 2.4 0.293 119.8 558.5 1155.9 0 934 0.939 106.5 436.4 912.4 0 541 0.684 124.3 632.2 1183.7 0 299 0.578 128.6 575.2 1074.1 0 861 0.918 102.1 394.2 885.6 0 748 0.891 101.0 424.5 906.7 0 673 0.761 125.8 637.0 1207.4 0	0.4	71.7 127.3 10.9 155 58.4 154.6 10.2 191 64.2 112.2 10.1 128 83.9 175.2 13.4 195 70.4 161.9 12.0 187 51.3 94.7 9.0 123 56.5 105.3 9.1 130 94.6 172.6 15.4 185	1.8 21.5 3.0 10 3.8 38.6 3.5 12 5.5 39.1 3.9 15	4.7 4.6 48.1 0.5 5.6 52.4 2.9 3.6 40.2 5.8 6.4 60.3 3.4 5.0 55.4 0.5 4.0 42.6 1.6 4.4 44.1 3.1 5.3 58.0	11.4 14.6 30.5 17.0 7.3 15.1 17.4 16.5	24.6 4.6 28.3 25.0 6.1 28.9 23.9 4.6 26.2 28.3 5.2 31.8 29.3 5.7 32.4 22.6 4.1 24.3 22.4 4.3 23.7 29.9 5.3 31.3	8.4 1.7 8.1 9.7 2.5 8.9 8.8 1.8 7.8 9.1 1.9 8.8 9.4 1.9 9.2 8.5 1.5 7.4 8.6 1.5 7.3 9.5 1.9 8.8	2.2 8.2 2.3 7.7 1.9 7.6 2.5 9.6 2.5 9.6 2.0 7.4 2.1 7.3	5.9 214.7 112.2 7.1 260.8 125.1 4.8 220.8 100.1 6.1 272.7 142.5 6.3 246.3 129.0 6.4 208.0 101.4 6.1 214.4 101.8 5.4 286.7 143.2	54.0 124.6 80.1 142.2	197.2 24.4 102.7 244.5 39.2 121.2 209.2 24.4 95.8 244.6 28.9 120.1 217.6 26.7 109.6 198.3 21.5 91.4 205.7 21.5 94.4 261.1 30.3 123.8	20.8 31.1 24.0 31.0 17.3 26.4 25.7 40.2 22.2 35.0 19.0 25.8 20.4 26.4	38.6 24.8 46.8 28.2 27.7 27.9 42.8 27.1 37.8 26.3 39.6 25.8 37.4 26.0	9.7 20.6 10.4 24.1 1 10.2 23.3 10.2 22.1 1 10.1 22.6 1 9.5 21.1 9.5 20.9	9.5 36.7 2 0.0.2 44.5 3 9.7 42.2 2 0.0 40.7 2 0.0 41.2 2 9.4 38.0 2 9.3 38.1 2	26.8 21.0 31.2 24.5 28.8 23.9 28.1 22.1 29.1 22.3 27.2 21.8 28.1 22.0	18.7 8.1 21.0 8.6 21.4 8.4 19.6 8.3 19.8 8.3 19.2 7.9 18.9 8.0	12.2 12.7 12.4 12.9 13.1 11.4 11.5	0.63 0.63 0.63 0.63 0.63 0.63 0.63
qabx 0.929 3.448 0.00 qabx 0.905 2.208 0.058 qAbc 0.847 3.961 0.043 qabA 0.91 3.193 0.058 Qabw 0.819 3.557 0.038 Qabo 0.916 1.706 0.064 qaBa 0.942 2.137 0.035 qaBf 0.819 1.519 0.053	0.174 3.073 39. 0.233 4.484 40. 0.154 3.139 39. 0.163 -1.286 34. 0.161 1.058 37. 0.172 3.635 39. 0.299 0.551 36. 0.17 -0.52 35	073 0.761 123.8 037.0 1207.4 0.4 484 0.744 126.1 587.2 1069.4 0. 139 0.595 117.4 602.9 1113.9 0. 714 0.757 122.9 610.9 1191.3 0 058 0.45 114.3 583.7 1092.9 0. 635 0.828 125.2 594.3 1128.4 0. 551 0.204 117.6 535.3 1131.2 0. .48 0.805 106.5 449.4 900.7 0 608 0.826 105.0 386.1 865.4 0	0.26 0.18 0.41 0.33 0.18 0.41 0.2 0.17 0.4 0.29 0.17 0.42 0.21 0.16 0.42 0.35 0.17 0.45 0.26 0.15 0.4 0.32 0.18	85.4 158.0 13.0 168 66.7 169.3 10.8 200 92.5 156.0 14.3 180 64.4 154.6 10.4 195 93.1 148.4 14.0 164 45.9 162.0 8.2 189 68.3 101.2 10.3 134	31.3 31.5 4.4 10 38.8 51.0 4.0 10 30.3 27.0 2.7 12 30.1 53.2 4.4 1 30.2 23.3 2.6 12 4.5 56.8 4.7 18 30.8 16.8 2.4 8 40.0 30.0 13 30.0 37.4 3.4 14	5.4 5.0 51.4 2.8 6.1 58.5 7.3 5.8 53.0 1.4 6.0 54.8	10.9 17.0 14.6 16.7 26.8 15.8 13.3 17.3 39.0 16.4 16.8 16.6 26.0 15.8 14.7 14.7	29.5 5.1 31.0 26.4 5.3 29.0 27.1 5.3 30.0 24.3 5.4 26.8 28.5 5.1 30.9 26.4 5.7 29.5 22.8 4.6 25.6	9.5 1.9 8.9 8.7 1.8 8.4 9.8 2.2 8.9 9.0 2.0 8.4 9.6 1.9 8.9 9.1 2.3 8.4 8.6 1.7 8.0	2.6 9.6 2.2 8.6 2.4 8.8 2.3 7.6 2.5 9.6 2.2 8.0 2.2 7.7	6.6 245.7 132.4 6.8 254.3 133.3 6.5 282.1 134.0 7.7 253.2 122.5 7.0 264.8 130.9 6.0 245.8 131.5 6.6 206.4 105.8	71.2 146.3 60.1 132.1 72.0 142.3 70.9 141.7 70.9 132.2 64.1 137.9 74.5 152.1 50.7 106.7	223.9 28.1 110.4 227.2 27.9 114.0 257.2 34.2 125.1 224.1 33.2 114.9 239.4 29.0 117.3 242.4 37.8 115.6 185.3 25.0 98.4 100.8 23.8 21.6	23.7 35.6 23.7 35.6 23.5 35.7 24.2 36.4 24.6 31.4 25.0 37.3 21.5 32.1 21.8 28.1	39.6 26.4 43.4 25.8 44.4 27.0 45.6 25.0 43.3 27.1 39.1 28.9 39.5 23.6	10.4 25.0 1 10.1 22.2 9.7 22.2 10.2 22.7 9.8 21.2 10.3 22.4 10.7 23.9 9.3 19.6	9.9 39.4 2 9.5 39.4 2 9.7 40.5 2 9.5 38.8 2 9.9 39.6 2 0.8 47.9 3 9.0 34.6 2	29.2 22.3 28.3 21.8 29.3 22.6 28.8 21.5 28.0 22.5 33.6 25.3 26.2 20.5	19.3 8.3 19.6 8.1 20.6 8.3 19.6 8.1 19.1 8.4 22.0 8.7 18.6 7.8	12.8 11.6 13.1 10.8 13.0 13.4 11.1	0.63 0.63 0.62 0.62 0.62 0.62 0.62
Qabq 0.815 3.871 0.047 QabH 0.803 1.867 0.054 qaBy 0.85 2.44 0.039 qabS 0.837 2.532 0.037 qAbb 0.849 2.121 0.04 Qabo 0.916 2.711 0.038 qAby 0.919 3.827 0.04 qAbr 0.879 1.926 0.047	0.299 2.753 38. 0.257 4.278 40. 0.227 0.336 36. 0.235 -0.549 35. 0.262 -2.289 33. 0.267 4.621 40. 0.167 2.7 38	753	0.4	68.5 162.1 11.6 188 81.0 138.0 12.1 168 64.2 149.9 10.5 184 57.7 141.3 9.4 183 63.4 132.2 10.4 176 54.6 169.6 9.4 196 69.3 185.0 12.2 215 62.1 124.8 9.5 155	3.2 23.3 3.4 13.8 3.0 44.3 3.8 19.2 3.1 24.8 3.2 13.2 3.4 25.0 3.4 10.2 3.4 24.5 3.5 13.2 3.6 31.2 3.1 13.1	2.1 6.2 55.7 5.2 5.0 51.2 1.3 5.5 52.3 .7 5.7 49.7 0.8 5.6 49.2 0.1 5.3 54.8 2.4 6.4 59.4	21.1 18.6 18.1 17.4 27.2 15.9 36.1 15.9 32.7 16.7 26.2 15.9 23.1 16.4 17.8 14.8	29.6 6.1 32.7 28.8 5.3 32.1 24.9 5.4 28.1 23.4 5.6 26.9 23.8 5.9 27.6 27.6 5.5 29.8 27.6 5.6 30.0	10.0 2.5 9.7 9.6 2.0 9.3 9.0 2.2 8.5 9.3 2.2 8.4 9.5 2.5 8.8 8.6 2.1 8.3 8.5 2.3 8.5 8.6 1.9 8.0	2.8 9.4 2.6 9.7 2.3 7.9 2.4 7.3 2.5 7.6 2.2 8.5 2.3 8.5	7.8 247.5 128.7 7.2 225.9 122.1 7.0 230.0 118.6 7.9 226.4 110.9 7.6 228.1 111.3 6.5 244.4 136.9 6.1 286.7 150.0 6.0 208.1 106.4	68.7 136.8 56.4 131.0 66.8 129.8 67.0 124.2 68.6 126.0 73.4 148.3 83.2 162.4	219.2 33.7 111.7 196.6 27.0 103.4 214.9 32.9 109.0 218.3 32.8 105.2 210.1 36.3 106.9 227.1 33.2 112.6 246.6 39.1 127.7 193.6 27.2 28.9	24.3 32.8 21.9 33.8 22.5 31.0 23.3 28.0 25.6 28.5 21.8 34.6 24.1 38.5	45.5 25.7 40.5 24.1 41.2 25.3 43.0 25.2 43.0 24.8 41.4 28.1 43.1 27.7	9.6 20.3 9.7 21.2 9.7 21.5 9.8 21.3 10.3 23.4 1 10.2 23.1	9.7 39.8 2 9.4 35.7 2 9.5 39.4 2 9.5 40.3 2 9.6 38.9 2 .0.4 44.8 3 .0.1 43.2 3	28.9 21.7 26.7 20.5 28.3 21.8 29.5 22.0 28.5 21.7 32.0 23.8 30.2 23.2	18.7 8.1 18.3 7.9 19.5 8.0 19.3 8.0 19.6 8.1 21.2 8.5 21.2 8.5	12.3 11.6 11.4 10.9 11.2 13.5 12.8	0.62 0.62 0.62 0.62 0.62 0.62 0.62 0.62
(qAbr 0.879 1.926 0.047 (qAbj 0.836 1.234 0.043 (qAbj 0.855 2.651 0.042 (qAbi 0.812 1.07 0.044 (qabq 0.83 2.192 0.045 (qAbi 0.849 1.02 0.039 (qabe 0.938 2.773 0.037 (qAbt 0.862 1.1 0.044	0.224 -2.78 33 0.245 -4.473 31. 0.161 -0.936 35. 0.166 -3.617 32. 0.266 -3.994 32. 0.274 -4.916 31. 0.196 3.434 39. 0.164 2.344 38.	.22 0.687 107.4 484.8 923.1 0.523.1 0.64 527 0.343 115.5 504.0 1013.0 0.64 064 0.603 109.2 545.8 1017.0 0.66 383 0.591 104.8 470.2 922.4 0.66 006 0.614 107.2 424.4 881.3 0.66 084 0.106 110.3 460.4 995.0 0.66 434 0.412 114.3 586.5 1167.3 0.66 344 0.566 119.3 590.6 1063.1 0.66 344 0.432 120.2 594.5 1164.2	.42 0.29 .44 0.34 .42 0.27 .43 0.34 .39 0.26 .44 0.34 .44 0.26 .46 0.36 0.37 0.17	62.1 124.8 9.5 68.3 115.5 11.2 160 67.7 142.2 10.7 179 67.3 106.1 10.7 146 54.4 101.0 9.0 138 57.1 105.2 9.5 155 59.2 178.6 10.1 198 79.9 155.6 12.2 183	31.2 3.1 1. 31.7 4.5 1. 9.4 30.0 3.0 1. 5.3 33.6 3.3 1. 3.5 25.6 2.6 10 5.4 25.9 3.9 9 3.7 23.2 2.7 1. 3.6 40.4 4.3 1. 3.6 23.2 2.7 1. 3.7 23.2 2.7 1.	4.4 47.6 1.6 5.4 44.8 2.5 4.9 52.2 2.5 4.8 44.8 0.3 4.1 43.9 .7 4.9 42.1 1.0 5.1 55.8 4.6 5.2 53.6	17.8 14.8 31.7 16.9 23.6 15.3 22.8 14.9 18.4 15.4 29.1 16.2 20.7 15.2 20.0 16.2 21.0 16.2	23.0 6.0 26.9 23.5 5.0 26.5 21.5 5.1 24.3 22.2 5.2 24.4 21.0 6.0 25.7 27.2 5.4 28.0 27.0 5.4 29.8	8.6 1.9 8.0 9.3 2.6 8.8 8.6 2.0 8.2 8.5 2.0 8.2 9.0 2.1 8.4 9.6 2.9 8.6 8.4 2.0 8.0 8.6 2.1 8.5	2.0 7.7 2.6 7.3 2.0 7.7 2.3 7.1 2.2 7.3 2.4 6.7 2.0 8.2 2.3 8.8	6.0 208.1 106.4 7.6 228.1 111.6 6.2 231.8 116.7 6.6 204.0 106.7 6.8 201.8 100.2 7.1 215.0 102.4 5.7 261.2 144.3 6.3 238.1 132.3	71.2 122.3 62.2 125.9 58.7 109.6 54.0 100.7 71.3 121.4 77.7 148.2 67.6 142.2	193.6 27.2 98.9 197.6 38.5 106.7 207.9 29.9 109.6 186.4 29.0 98.8 185.1 27.7 93.7 205.7 45.1 104.2 241.7 33.9 120.3 200.2 31.1 110.9	20.5 29.6 27.8 26.6 27.8 22.6 32.5 24.9 28.2 20.9 25.7 25.6 25.4 37.3 23.6 36.8 27.3 27.3	36.5 24.8 44.5 23.6 40.6 24.9 41.0 22.3 38.1 24.1 42.3 24.1 39.7 28.3 41.2 23.9	9.5 20.3 9.7 20.7 9.5 20.3 9.1 18.8 9.2 19.6 10.0 21.3 10.2 23.7 9.7 20.6	9.2 37.5 2 9.4 35.6 2 9.1 37.6 2 8.8 33.9 2 8.8 36.7 2 9.8 38.0 3 .0.3 45.0 3 9.4 35.8 2	27.5 21.3 27.0 21.5 25.4 19.6 26.7 20.7 30.3 21.9 32.1 24.3 26.8 20.9	19.6 8.1 19.2 7.9 19.8 8.0 18.3 7.7 18.9 7.7 20.3 8.1 22.0 8.6 19.1 8.0	11.0 11.1 11.3 10.4 10.9 12.0 13.4 12.0	0.62 0.61 0.61 0.61 0.61 0.61
qAbs 0.926 2.54 0.039 qabO 0.856 3.631 0.045 qabF 0.842 3.329 0.04 qAba 0.869 1.097 0.064 qabk 0.925 2.804 0.036 qaBu 0.855 2.791 0.048 qaba 0.843 3.289 0.042	0.248 1.304 37. 0.225 0.958 36. 0.25 1.265 37. 0.264 -1.288 34. 0.247 4.101 40. 0.248 3.273 39. 0.232 1.122 37. 0.254 0.841 36.	958 0.606 107.7 520.3 995.4 0. 265 0.521 127.9 603.2 1124.1 0. 712 0.604 105.7 444.6 909.2 0. 101 0.763 132.7 569.5 1066.7 0. 273 0.2 120.8 586.3 1212.5 0. 122 0.62 125.0 586.6 1065.1 0. 841 0.678 104.4 433.4 885.6 0. 0.20 0.447 106.2 503.7 1060.7 0.	.44 0.27 0.17 .42 0.23 0.17 .41 0.23 0.16 .38 0.16 0.18 .43 0.37 0.18 .45 0.24 0.15 .42 0.28 0.16 .37 0.16 0.18 .39 0.15 0.17	50.5 155.1 8.3 179 74.0 167.0 12.3 194 39.9 121.4 7.0 160 89.6 141.6 13.0 160 54.4 178.4 9.2 206 76.5 155.7 12.4 185 38.9 123.0 7.1 154	9.5 18.6 2.2 9 4.3 30.7 3.4 13 9.7 15.1 1.8 8 9.9 53.4 4.3 13 6.2 20.4 2.9 10 6.5 35.0 3.3 14 1.1 16.0 1.8 8 1.2 15.5 2.0 2.0	.7 4.3 51.7 3.1 5.8 56.3 .4 4.2 48.3 7.2 4.9 49.3 0.0 5.2 56.0 4.3 5.6 54.0 .6 4.3 48.3	22.1 14.3 24.9 18.1 21.0 15.1 16.2 18.2 22.6 16.5 22.9 16.7 15.7 14.5	24.7 4.7 26.8 28.6 5.8 30.8 22.3 4.9 25.2 30.2 5.4 32.8 27.9 5.7 30.2 27.7 5.6 31.2 22.9 4.6 24.8	8.1 1.8 7.6 9.7 2.3 9.3 8.7 1.9 7.9 10.0 1.9 9.5 8.8 2.5 8.2 9.2 2.0 9.1 8.3 1.7 7.8	1.9 7.8 2.4 8.9 1.9 7.3 2.7 10.1 2.2 8.4 2.6 9.0 2.1 7.5	6.0 224.6 118.1 7.2 259.5 131.6 6.5 215.1 98.3 6.9 251.1 128.3 5.8 267.8 146.8 7.2 239.3 126.8 6.1 206.4 98.9	59.4 126.1 71.5 137.6 54.9 105.9 60.5 133.1 81.1 162.7 65.5 138.8 50.8 104.0	212.8 27.5 104.4 228.7 35.3 116.1 198.9 25.9 95.6 220.6 25.7 111.9 249.2 42.5 119.5 212.1 28.3 112.4 193.5 23.5 92.8	19.1 31.9 24.4 34.3 18.8 26.2 22.7 34.8 23.9 36.1 24.5 34.8 20.2 27.3	35.5 27.9 45.1 25.8 35.7 26.4 39.8 25.4 41.0 28.5 44.3 25.3 35.3 26.3	9.8 22.6 9.9 22.1 9.5 21.3 10.1 21.6 10.7 24.2 3 9.9 21.0 9.5 21.5	9.6 43.9 3 9.6 39.4 2 9.1 40.5 2 9.7 38.0 2 .0.8 46.6 3 9.6 38.2 2 9.2 41.2 2	24.2 30.3 23.4 29.5 22.0 27.9 22.4 27.5 21.7 32.1 24.8 27.7 21.6 27.5 22.0	21.4 8.3 19.9 8.2 19.9 7.9 19.4 8.1 22.0 8.7 19.1 8.1 19.2 7.9	11.7 12.2 10.9 12.4 14.3 11.7 11.5	0.61 0.61 0.61 0.61 0.61 0.61 0.61
qabU 0.889 3.985 0.037 qabU 0.948 2.515 0.042 qabP 0.945 1.197 0.035 Qabi 0.941 1.61 0.039 qAbx 0.934 3.576 0.035 qabW 0.942 1.793 0.045 Qabd 0.869 1.378 0.043	0.222 -2.961 33. 0.208 -0.439 35. 0.255 -0.764 35. 0.236 -4.077 31. 0.185 0.536 36. 0.284 2.854 38. 0.174 -4.538 31. 0.197 -3.656 32.	039 0.447 106.3 503.7 1069.7 0. 561 0.659 105.8 523.8 1015.8 0. 236 0.207 115.0 544.3 1124.9 0. 923 0.273 113.6 551.9 1146.5 0. 536 0.297 117.3 609.5 1283.3 0. 854 0.51 124.6 573.1 1104.2 0. 462 0.614 112.2 574.6 1121.9 0. 344 0.614 102.6 473.4 907.4 0. 406 0.673 124.4 647.5 1100.5	.42 0.25 0.18 .46 0.33 0.15 .45 0.32 0.15 .44 0.19 0.15 .45 0.32 0.16 .43 0.32 0.17 .43 0.32 0.17	43.6 140.4 8.1 184 53.0 157.2 9.1 174 54.0 157.5 9.1 191 63.6 149.9 11.0 186 52.6 184.9 9.4 214 70.5 165.3 11.9 183 76.0 154.6 12.4 178 62.0 115.4 9.5 153	15.5 2.0 16.2 23.8 2.4 10 1.4 21.4 3.1 9 1.4 16.3 2.8 10 3.7 29.7 4.1 12 3.2 35.9 4.4 13 3.7 28.8 3.1 11 1.7 16.2 2.7 11	.7 5.1 50.0 1.4 5.4 49.8 0.2 6.1 59.0	18.5 13.9 23.0 15.5 24.1 16.1 32.1 16.1 18.8 16.5 22.5 15.4 22.3 14.6	21.9 5.4 25.0 24.7 4.7 26.1 25.3 5.7 29.3 24.0 6.0 27.6 26.4 5.7 28.9 29.7 5.8 31.2 25.0 5.4 27.1 21.2 5.0 24.5	9.1 2.1 8.1 7.7 1.7 7.6 8.9 2.4 8.2 9.0 2.5 8.6 8.6 2.4 8.3 8.5 2.2 8.5 8.5 2.2 8.3 8.1 2.0 7.9	2.0 7.1 1.9 7.9 2.3 7.5 2.4 7.4 2.2 7.9 2.3 9.1 2.2 7.9 2.0 7.0	6.1 253.5 111.2 5.8 229.2 122.1 5.6 241.0 130.7 6.0 256.2 124.9 6.5 290.2 149.3 6.1 244.8 140.8 6.1 259.6 129.6 6.3 207.2 102.6	70.8 120.9 63.9 125.3 77.7 154.7 82.0 144.9 87.2 165.0 73.5 148.3 73.6 134.0 57.6 108.9	237.2 33.8 113.6 216.4 25.5 107.1 231.4 41.1 115.4 235.1 44.0 121.6 267.8 43.5 129.0 215.7 32.5 111.8 230.2 35.7 117.6 182.8 28.9 99.7 250.2 250.2 124.5	22.5 28.7 20.1 33.6 23.2 32.5 25.3 31.7 24.7 37.2 21.7 36.4 24.2 35.1 21.1 28.1	38.9 27.9 36.3 28.7 37.1 27.3 39.0 27.2 45.0 29.3 39.3 27.3 41.1 27.4 36.2 23.9	10.0 23.2 10.6 23.3 1 10.5 23.0 1 10.5 24.3 1 10.2 22.8 1 9.9 22.7 9.2 19.9	9.6 43.4 3 9.7 44.6 2 .0.6 44.8 3 .0.2 43.1 3 .0.5 48.1 3 .0.3 43.9 3 9.5 42.5 2 8.8 36.6 2	29.2 23.8 31.9 24.3 30.9 24.0 32.5 24.7 30.2 23.4 29.0 23.3 25.9 21.1	21.3 8.3 21.0 8.4 21.5 8.7 21.3 8.6 21.8 8.7 20.7 8.6 20.7 8.4 19.2 7.9	11.6 12.4 13.5 13.0 12.9 13.4 12.0 10.9	0.61 0.6 0.6 0.6 0.6 0.6 0.6 0.59
Qabl 0.881 3.73 0.056 Qabl 0.807 2.67 0.055 Qabz 0.902 2.554 0.038 Qaba 0.835 2.215 0.04 Qabu 0.813 1.105 0.049 Qabz 0.948 2.433 0.043 Qabe 0.948 1.938 0.062 Qabp 0.818 1.92 0.043	0.224 1.496 37. 0.27 -3.849 32. 0.192 0.951 36. 0.186 1.488 37. 0.186 0.568 36. 0.234 4.487 40. 0.214 1.261 37. 0.231 4.628 40.	496 0.673 134.4 647.5 1199.5 0. 151 0.582 132.5 547.3 1089.2 0 951 0.441 116.2 598.1 1125.5 0. 488 0.569 111.5 547.2 977.9 0. 568 0.585 127.2 593.4 1071.7 0. 487 0.485 122.7 599.3 1165.2 0. 261 0.737 133.2 639.3 1230.8 0. 628 0.613 113.7 518.3 906.6 0. 245 0.469 113.5 588.9 1140.0 0.	0.41 0.26 0.17 0.4 0.3 0.17 0.45 0.28 0.16 0.44 0.28 0.16 0.46 0.36 0.16 0.44 0.29 0.16 0.43 0.35 0.17 0.43 0.29 0.16	91.1 173.5 15.1 194 87.8 124.9 13.9 167 67.0 167.6 10.7 197 64.1 144.8 10.2 177 86.5 144.4 13.2 176 72.3 174.7 12.3 194 94.4 169.8 15.4 184 61.5 140.6 9.5 168	7.0 40.2 4.6 19 7.4 27.8 3.2 11 7.5 28.9 2.7 11 6.0 43.5 4.5 19 8.5 27.5 3.8 12 8.2 55.2 5.1 18 8.3 24.7 2.5 11	5.5 5.3 49.1 1.8 5.8 54.8 1.8 5.1 50.9 5.8 6.0 51.9 2.7 5.2 56.3 3.1 5.6 55.5 1.4 4.8 50.3	20.1 18.2 18.7 19.6 31.7 15.7 31.5 14.9 29.7 17.3 19.5 16.0 15.1 17.3 25.4 14.6	30.8 5.9 32.9 27.9 6.2 31.4 25.9 5.4 28.3 24.3 4.9 27.4 27.7 5.6 30.8 29.0 5.6 31.3 31.3 5.9 33.6 25.9 4.9 28.3	10.2 1.8 9.7 10.8 2.6 10.1 8.7 2.1 8.5 8.5 1.9 8.2 9.1 2.1 9.4 8.3 2.0 8.6 9.7 2.1 9.2 8.2 1.6 8.0	2.7 9.9 2.7 8.9 2.3 8.1 2.2 7.7 2.9 9.1 2.2 9.2 2.6 10.3 2.3 8.3	7.3 253.2 124.9 7.0 250.8 131.4 7.3 216.5 113.7 8.2 239.8 131.6 6.0 258.9 146.1 6.2 284.8 151.4 7.3 198.0 111.3	73.2 149.1 67.3 131.2 75.0 145.6 59.8 127.0 67.6 139.8 77.0 159.1 76.4 154.3 52.7 121.6	250.2 28.2 124.5 219.0 35.9 116.1 227.3 35.4 119.5 196.8 26.7 104.7 197.0 29.2 114.9 231.0 33.5 118.6 256.3 33.0 124.7 183.2 22.0 93.1 232.0 20.0 116.5	25.9 38.1 26.6 31.5 23.3 34.7 22.7 31.1 27.8 35.8 21.4 39.6 25.2 41.4 21.0 30.7	45.8 26.8 44.2 23.8 42.6 26.3 41.9 24.5 48.1 23.0 39.3 27.5 40.8 28.3 39.6 24.2	9.6 20.4 10.1 22.5 9.4 20.8 9.5 20.1 10.3 23.7 1 10.4 23.0 1 9.4 19.9	9.7 40.3 2 9.2 35.9 2 9.8 41.3 3 9.3 37.7 2 9.3 34.5 2 .0.5 45.3 3 .0.1 42.5 2 9.4 37.5 2	26.9 20.9 30.0 22.8 26.9 21.0 25.8 20.2 32.1 23.5 29.7 23.4 26.6 20.7	19.5 8.3 18.9 8.0 20.3 8.4 18.7 7.9 17.7 7.9 20.9 8.6 20.3 8.4 18.2 7.9	12.6 11.8 11.6 10.8 11.1 13.4 13.3 11.3	0.59 0.59 0.59 0.59 0.59 0.59 0.59
qAbh 0.864 3.281 0.041 qabv 0.924 2.879 0.049 qaBc 0.939 1.883 0.047 qaBq 0.943 1.443 0.049 qAbu 0.935 3.108 0.057 qabx 0.82 2.129 0.053 qabf 0.92 1.685 0.038 qabx 0.867 3.69 0.038	0.152 -2.235 33. 0.183 -4.8 33. 0.194 2.404 38. 0.253 -3.93 32. 0.164 4.996 40. 0.155 -3.648 32. 0.203 1.299 37. 0.176 3.000 37.	245 0.468 113.5 588.8 1149.0 0. 765 0.39 122.2 652.0 1224.2 0. 1.2 0.549 123.6 631.7 1240.3 0. 404 0.562 126.0 632.3 1211.5 0. .07 0.474 129.1 610.0 1213.6 0. 996 0.664 133.9 709.5 1303.2 0. 352 0.594 127.7 605.9 1178.1 0. 299 0.295 123.4 610.9 1214.9 0. 914 0.634 96.8 441.6 944.9 0.	0.45 0.3 0.16 0.44 0.27 0.15 0.43 0.3 0.16 0.45 0.34 0.16 0.46 0.36 0.16 0.43 0.31 0.18 0.44 0.34 0.16 0.46 0.33 0.14 0.37 0.15 0.18	63.5 174.2 10.9 193 85.8 164.1 14.2 206 91.6 159.9 14.8 192 84.9 175.2 13.9 196 84.5 163.7 14.2 187 102.8 194.5 16.7 200 98.1 132.3 15.2 179 70.1 169.8 11.7 206 40.2 115.9 7.5 159	3.8 26.7 3.2 1.3 3.7 35.6 4.3 1.3 2.4 41.0 5.0 10 3.3 41.3 4.9 1.9 7.4 39.5 5.1 14 3.7 55.6 4.7 19 3.9 51.7 5.2 18 3.9 29.3 4.3 12 3.3 16.9 1.8 8	5.2 54.9 3.9 6.5 56.3 5.0 6.2 56.0 5.5 5.7 55.6 4.9 6.0 53.0 9.5 6.3 61.5 3.1 5.7 51.2 2.5 5.9 55.1 .6 4.7 49.2		27.0 5.2 28.3 25.3 6.0 29.2 26.2 5.9 29.6 29.8 5.6 31.8 28.8 6.4 31.4 32.2 5.8 32.9 26.7 5.9 30.3 27.1 5.8 32.2 19.9 4.6 22.6	8.0 1.9 7.9 9.7 2.7 9.0 9.8 2.5 9.2 8.6 2.1 8.7 9.6 2.3 9.5 9.4 1.8 9.3 10.2 2.4 9.7 8.8 2.4 8.9 8.3 1.9 7.3	2.4 7.8 2.6 8.5 2.4 9.5 2.7 9.0 2.8 10.4 2.6 8.6 2.5 8.4	6.1 250.9 145.5 8.0 278.9 137.3 6.9 287.1 138.4 6.2 274.0 153.1 6.2 282.2 145.6 6.9 300.4 167.4 7.9 270.7 137.3 6.4 262.8 146.2 5.7 226.8 100.2	82.1 154.2 83.6 149.1 79.9 166.1 85.7 155.6 80.8 161.6 74.1 142.7 81.9 177.4	240.3 44.0 130.1 254.6 41.1 131.0 229.3 35.8 122.6 232.7 39.1 125.0 263.3 29.8 132.3 233.8 35.5 127.1 232.1 40.8 124.9 210.0 27.9 100.0	22.3 37.7 28.0 34.4 36.8 36.8 37.8 41.8 37.8 29.0 45.1 28.6 25.2 37.5 37.8 29.0 28.6 35.0 25.2 37.5 37.5 26.9	52.0 25.0 47.4 26.6 41.4 26.8 39.9 26.5 47.8 28.0 50.2 23.4 43.2 26.1 35.8 26.1	9.9 21.6 10.1 22.6 10.2 23.1 1 10.4 23.0 1 10.4 23.1 1 9.6 20.4 10.4 22.7 1	9.7 37.9 2 9.5 40.7 2 .0.2 41.7 3 .0.1 40.8 2 .0.1 42.2 2 9.0 34.8 2 .0.5 41.9 3	23.6 29.0 22.3 29.2 22.9 30.1 22.8 29.9 23.0 29.7 22.6 26.0 20.9 30.8 22.7	20.0 8.2 20.0 8.4 20.1 8.5 20.2 8.6 19.8 8.4 18.4 7.9 20.3 8.5	11.4 12.0 13.4 12.6 13.5 11.0 13.3	0.58 0.58 0.58 0.58 0.57 0.57 0.57
Qabm 0.945 2.289 0.048 qabc 0.921 1.873 0.062 qabH 0.874 3.405 0.038 qAbv 0.812 1.497 0.037 Qabe 0.898 1.287 0.054 qabY 0.805 1.125 0.048 qabL 0.804 1.003 0.057 qaBi 0.871 1.934 0.036	0.212	581 0.532 131.9 656.3 1277.5 0. 927 0.709 133.2 638.0 1252.5 0. .23 0.066 120.4 619.3 1311.4 0. 713 0.572 102.3 455.2 818.1 0. .81 0.82 103.4 400.9 803.1 0. 737 0.413 135.3 577.6 1064.5 0. 995 0.902 103.5 393.4 830.2 0. 219 0.526 104.9 532.9 976.0 0.	0.15 0.18 0.44 0.33 0.15 0.43 0.36 0.17 0.44 0.25 0.12 0.43 0.29 0.18 0.39 0.31 0.19 0.45 0.36 0.17 0.38 0.33 0.19 0.44 0.29 0.18	40.2 115.9 7.5 91.7 179.6 15.1 202 101.7 161.4 15.7 177 73.3 149.3 12.4 209 47.3 124.3 7.1 157 53.5 101.0 8.3 125 81.9 142.3 13.0 177 62.1 86.5 9.0 110 57.8 147.0 9.1 175	3.3 16.9 1.8 8 2.1 43.6 4.9 10 7.8 58.4 6.2 19 30.2 30.8 4.5 12 7.6 19.8 1.9 8 5.0 30.4 2.3 10 7.1 40.0 4.9 14 30.4 40.2 2.6 12 5.2 23.5 2.5 10	5.4 6.3 58.0 6.6 6.1 54.0 2.6 6.7 55.4 .7 3.9 46.2 0.7 3.5 41.1 4.5 5.7 50.1 2.7 3.7 38.2 0.2 5.1 51.0	15.8 18.0 3 16.4 18.8 40.9 17.5 2 21.4 13.6 14.2 2 27.2 19.1 13.6 14.0 3 32.1 14.1	30.7 6.1 33.5 29.7 6.0 31.9 23.1 6.3 28.9 22.7 4.4 25.3 22.7 4.5 24.9 29.3 6.5 32.5 22.8 4.2 24.5 22.9 4.9 24.7	8.3 1.9 7.3 9.3 2.4 9.3 10.2 2.4 10.0 9.9 3.1 9.2 7.9 1.7 7.5 8.4 1.6 7.8 10.0 2.5 10.1 8.3 1.5 7.7 8.3 1.9 7.8	2.6 9.7 2.8 9.8 2.8 7.3 1.8 7.3 2.0 7.6 2.8 9.3 2.1 7.4	5.4 292.3 160.0 6.7 296.4 146.8 7.9 290.1 132.5 6.3 179.1 95.2 5.7 185.9 92.6 7.9 239.7 127.8 7.0 190.3 99.3 6.9 215.2 111.0	85.9 170.8 80.1 146.2 92.8 168.9 47.4 106.5 45.4 93.6 72.0 137.7 44.1 97.7 62.0 117.4	249.2 39.0 127.7 259.5 37.3 134.3 266.2 59.2 136.2 173.6 21.6 86.9 174.3 19.9 87.0 198.1 34.5 111.6 171.9 21.4 89.6 207.8 29.2 104.6	25.2 42.4 3 28.1 39.7 2 31.9 32.8 17.5 26.6 17.7 25.8 25.5 32.5 19.9 25.4	40.0 27.1 40.5 26.3 55.4 26.2 33.0 24.3 31.1 25.7 45.4 23.3 39.1 23.6 39.5 25.4	10.3 23.4 1 10.1 22.3 1 10.3 23.0 1 9.2 20.2 9.6 20.5 9.8 20.6 9.3 19.5 9.5 20.6	9.5 39.8 2 0.4 40.8 3 9.2 37.9 2 9.2 38.4 2 9.5 35.2 2 9.0 34.2 2 9.3 39.6	22.4 30.2 22.9 28.3 22.5 32.6 23.1 26.6 20.9 27.3 21.9 27.0 20.5 26.2 20.3 28.5 21.9	20.4 8.6 19.8 8.3 20.2 8.4 19.2 7.8 19.9 8.1 18.4 8.0 18.4 7.7	13.7 12.5 12.2 10.9 12.2 12.0 10.8	0.57 0.57 0.57 0.56 0.56 0.56 0.56 0.56
(qabt 0.874 1.098 0.043 qabb 0.852 2.225 0.054 qaBn 0.826 2.549 0.044 qaBa 0.84 3.351 0.039 (qabj 0.815 3.157 0.054 (qabr 0.825 3.05 0.043 (qabl 0.831 2.598 0.037 qaBg 0.934 1.153 0.046	0.23	182 0.694 100.0 440.2 819.7 0. 614 0.907 95.4 357.7 868.0 0. 489 0.093 130.2 552.7 1183.3 0. 992 0.09 133.6 613.2 1217.4 0. 438 0.598 138.5 628.4 1140.8 0. .28 0.336 134.7 642.7 1167.4 0. 515 0.097 127.9 667.4 1267.3 0. 253 0.798 95.6 441.6 824.4 0.	.44 0.29 0.18 .42 0.32 0.18 .34 0.25 0.19 .43 0.29 0.13 .45 0.23 0.13 .42 0.29 0.17 .45 0.27 0.15 .47 0.29 0.12 .42 0.32 0.19	57.8 147.0 9.1 175 51.4 114.0 7.9 146 54.7 74.2 8.7 108 76.4 124.1 12.4 179 64.9 166.9 10.8 212 92.6 163.6 14.5 190 80.2 170.3 12.7 207 75.6 179.8 12.1 221 50.9 126.5 7.6 142	3.2 23.5 2.5 10 3.2 26.1 2.4 9 3.5 31.7 2.5 13 3.2 31.9 5.7 13 2.5 24.4 3.6 13 3.2 44.8 4.2 1 3.6 32.1 4.4 13 3.7 32.9 4.1 13 2.7 26.0 2.3 16	.8 3.7 43.7 1.2 3.5 37.7 2.5 6.1 48.1 1.2 6.1 54.9 7.0 5.8 53.9 3.5 6.1 55.8 2.9 6.7 56.2 0.0 3.5 45.1	32.1 14.1 18.9 13.3 11.3 13.8 35.5 19.3 35.8 18.7 19.7 19.4 36.9 18.5 41.9 17.2 12.1 12.2	22.9 4.9 24.7 21.8 4.3 24.6 20.3 4.1 21.7 25.3 6.8 30.6 28.0 6.4 33.7 31.0 6.2 34.2 29.3 6.1 33.8 27.8 5.8 32.6 22.5 4.0 23.7	7.9 1.8 7.4 8.2 1.7 7.3 10.6 3.5 9.9 10.2 3.0 9.6 10.6 2.3 10.1 9.7 2.4 9.5 9.3 2.5 8.9 7.1	2.1 7.4 1.9 7.3 1.9 6.5 3.0 7.7 2.8 8.3 2.7 9.8 2.7 9.0 2.9 8.2 1.9 7.5	6.1 181.9 95.8 6.1 201.1 99.8 8.6 257.8 126.8 8.1 265.5 134.9 7.2 261.8 137.5 8.7 257.7 140.2 8.2 267.4 148.5 5.1 185.2 90.7	45.8 103.2 46.6 94.8 82.6 151.2 80.9 169.3 68.6 143.5 77.0 162.4 83.1 187.1 47.5 103.9	207.8 29.2 104.9 169.6 23.1 88.1 191.8 24.1 93.9 227.7 57.3 124.1 240.6 49.0 124.2 228.9 32.0 118.9 220.4 37.1 120.0 243.3 47.3 127.8 174.9 20.3 87.3	19.2 27.1 20.0 24.4 30.4 29.7 27.1 32.2 26.4 36.0 26.1 34.4 3 29.7 35.7 17.3 28.6	34.4 24.5 39.4 24.4 54.0 24.2 52.0 25.7 47.2 24.8 50.5 24.8 54.4 24.9 29.2 26.5	9.3 19.7 9.2 20.3 10.2 21.7 1 10.3 22.7 1 9.9 20.9 10.1 22.2 1 10.2 22.5 1	9.1 36.8 2 8.9 37.1 2 .0.2 38.0 3 .0.5 41.5 3 9.6 37.6 2 .0.2 38.2 2 .0.6 39.6 3 9.4 41.2	25.6 21.1 26.0 21.6 30.0 22.4 31.4 23.2 28.2 21.3 28.8 22.0 31.4 22.2 27.9 22.6	19.3 7.9 19.6 7.8 19.6 8.1 20.1 8.4 19.0 8.1 19.5 8.2 19.5 8.3 19.4 8.3	11.4 11.4 12.1 13.1 12.4 11.9 12.4 12.0	0.55 0.55 0.55 0.55 0.55 0.55 0.55
qabz 0.854 1.666 0.043 qaBe 0.853 3.241 0.045 qabE 0.803 3.596 0.044 qabr 0.914 2.492 0.043 qabK 0.852 3.305 0.041 qabO 0.936 3.038 0.04 Qabw 0.806 3.567 0.039 qabe 0.907 2.91 0.043	0.152	753 0.214 124.6 632.0 1256.5 0. 155 0.396 138.7 638.0 1163.1 0. 087 0.181 136.6 607.4 1230.0 0. 657 0.34 131.0 687.2 1324.4 0. 522 0.203 136.6 654.6 1253.6 0. 447 0.091 137.0 651.1 1356.5 0. 654 0.017 129.8 638.8 1294.6 0. 061 0.254 123.6 663.8 1342.7 0.	.42 0.32 0.19 .47 0.35 0.13 .44 0.26 0.15 .42 0.24 0.13 .46 0.32 0.15 .45 0.25 0.13 .46 0.26 0.13 .44 0.24 0.11 .45 0.31 0.14	88.4 144.1 14.9 196 76.1 173.3 12.9 207 75.2 153.5 12.8 201 92.3 182.5 15.1 215 74.5 179.9 12.1 216 70.0 189.4 12.3 224 76.4 158.1 12.4 211 91.4 162.6 15.5 200	3.7 26.0 2.3 10 5.8 43.1 6.0 11 7.2 30.4 4.1 13 3.2 29.8 4.6 12 5.3 39.7 5.2 11 5.8 29.7 3.9 12 4.1 25.7 4.2 12 3.3 30.4 4.7 12 6.5 40.2 5.8 15	3.5 45.1 5.5 6.9 51.8 3.3 6.2 57.7 2.2 6.4 54.8 5.7 6.8 58.3 2.9 6.8 56.9 2.4 6.5 58.4 2.6 6.5 55.8 5.7 7.0 55.3	41.8 17.7 34.0 18.7 34.6 19.7 31.1 18.0 38.3 18.5 24.0 18.3 47.1 18.4 36.1 18.0	24.6 6.5 30.0 30.5 6.4 34.5 28.0 6.7 33.2 29.0 6.5 32.7 29.6 6.4 34.2 31.0 6.5 35.3 25.5 6.3 31.8 25.1 6.5 29.8	9.8 2.8 9.4 9.9 2.4 9.8 10.7 3.0 9.9 9.6 2.5 9.5 10.0 2.7 9.6 9.6 2.8 9.3 10.3 3.2 9.6 9.9 3.0 0.3	2.9 7.8 2.9 9.6 2.9 8.5 2.6 8.8 3.0 8.8 2.9 9.2 2.9 7.9 2.6 7.7	8.5 274.9 138.4 9.0 259.6 139.0 8.8 275.4 135.0 6.8 296.9 159.4 8.9 272.3 146.0 7.1 290.2 166.5 9.1 281.5 137.7 7.1 303.8 145.0	88.5 163.8 77.0 156.8 84.7 165.3 92.5 181.1 84.6 175.7 91.6 193.9 86.3 178.4 96.5 165.9	174.9 20.3 87.3 236.6 53.7 132.2 224.0 36.6 117.9 240.0 49.3 122.9 251.5 42.0 136.8 244.1 44.3 125.1 263.1 53.3 133.4 251.2 57.8 133.3 268.0 56.5 142.0	20.0 21.0 22.0 22.0 23.5 23.5 23.7 23.5 24.0 27.9 40.4 29.0 34.7 27.7 39.3 31.9 33.0 31.0 35.8	57.5 24.0 49.1 26.0 53.2 25.3 49.5 26.2 54.5 26.0 50.8 28.4 59.0 24.8 51.3 26.1	10.1 21.0 10.3 22.4 3 10.2 22.9 3 10.2 22.5 3 10.4 23.4 3 11.0 24.4 3 10.2 22.2 3	9.9 36.1 2 .0.2 39.8 3 .0.3 39.1 3 .0.3 40.5 2 .0.6 40.9 3 .1.3 46.5 3 .0.4 38.5 3 .0.0 40.2 3	29.7 21.7 30.1 22.1 30.7 22.3 29.8 22.6 31.6 22.6 33.5 24.9 31.3 22.5 31.2 23.4	19.0 8.2 19.2 8.3 19.4 8.2 20.1 8.6 19.3 8.4 21.1 8.8 19.7 8.1 20.3 8.5	11.5 12.3 12.3 12.6 12.2 14.9 11.8	0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54
qabs 0.367 2.31 0.043 qabs 0.931 2.239 0.04 qabm 0.852 1.614 0.047 qabk 0.899 1.869 0.045 qAbz 0.843 2.651 0.058 Qabn 0.901 2.518 0.047 qabw 0.941 2.002 0.052 qabc 0.908 3.689 0.049 qabw 0.844 3.334 0.045	0.192 -4.884 31. 0.178 4.733 40. 0.152 3.762 39. 0.268 3.098 39. 0.205 -2.855 33. 0.276 0.132 36. 0.275 2.086 38. 0.255 4.538 40.	116 0.02 123.4 629.6 1363.4 0. 733 0.483 136.8 675.7 1215.7 0. 762 0.409 135.8 708.2 1337.4 0. 098 0.63 144.5 648.9 1170.0 0. 145 0.39 133.2 672.1 1315.3 0. 132 0.534 140.3 655.1 1250.0 0. 086 0.454 142.9 680.0 1275.6 0. 538 0.345 140.3 666.0 1225.8 0.	.46 0.32 0.11 .47 0.36 0.15 .47 0.36 0.14 .43 0.32 0.16 .45 0.33 0.15 .45 0.34 0.16 .43 0.26 0.16 .44 0.27 0.14	78.3 157.5 13.3 208 94.9 173.4 15.3 203 98.6 187.8 15.7 215 98.7 167.4 15.1 189 94.4 172.9 16.0 205 90.8 179.0 15.3 196 89.0 188.0 15.2 209 84.4 181.5 14.3 216	3.7 35.9 5.4 1.3 3.7 46.7 5.4 1.3 5.8 46.1 5.8 1.3 5.1 54.2 4.8 1.8 5.0 43.7 5.8 1.3 5.8 43.8 5.2 1.0 5.9 37.9 4.5 1.3 5.0 33.6 4.6 1.4	3.8 6.8 54.0 7.0 6.5 56.0 7.5 7.0 59.5 3.6 5.9 55.6 7.1 6.7 55.7 5.4 5.8 56.8 5.4 6.7 60.1 4.2 6.5 59.0	32.4 17.5 33.4 18.2 28.6 17.9 17.7 20.1 31.0 18.8 23.6 18.9 28.2 19.2 27.8 19.0	24.5 6.5 30.7 30.5 6.0 34.4 31.2 6.2 34.3 32.8 6.2 35.6 28.9 6.7 32.0 32.8 6.6 34.7 32.8 6.6 34.7 31.2 6.4 35.8	9.8 3.2 9.2 9.3 2.2 9.6 9.2 2.3 9.5 10.9 2.3 10.4 10.2 2.6 9.9 10.0 2.4 9.8 10.3 2.4 10.1 9.9 2.4 9.7	2.7 7.6 3.0 9.6 2.9 9.7 2.9 10.6 2.8 8.8 2.6 10.4 2.9 10.1	7.1 294.7 143.0 8.8 268.2 153.2 7.4 297.1 172.8 7.6 271.5 142.8 7.4 298.9 154.1 7.1 285.6 158.0 8.1 291.3 157.2 8.2 270.8 151.0	99.1 178.7 78.3 172.7 88.6 189.7 69.8 149.5 94.3 167.3 85.1 165.2 84.0 163.0	270.9 64.6 142.6 222.4 35.3 125.3 241.2 40.1 135.0 233.7 31.8 120.3 252.1 44.9 137.0 240.7 37.3 125.4 252.5 38.0 128.5 231.4 38.6 120.7	31.9 35.5 31.9 35.5 26.8 40.2 29.1 44.6 3.24.9 38.2 29.7 38.4 25.1 41.3 27.2 40.3	54.8 27.0 49.7 24.4 51.1 25.3 46.3 25.0 52.0 26.0 42.8 27.7 48.2 27.7 48.6 25.6	10.4 22.5 1 10.8 24.0 1 10.0 21.3 1 10.3 21.9 1 10.1 21.5 1 10.2 22.7 1 10.4 23.2 1 10.5 22.9 1	.0.7 42.7 .0.0 37.0 .0.3 39.1 9.8 37.7 .0.1 39.6 .0.3 42.0 .0.4 41.7 .0.4 39.6 .0 2	23.4 24.8 27.9 20.9 29.7 22.0 28.6 21.2 29.9 22.4 30.3 23.0 31.2 22.7 29.9 21.9	21.1 8.8 17.8 8.1 19.3 8.4 18.8 8.2 20.0 8.5 20.6 8.6 20.0 8.5	13.5 11.9 13.2 12.9 12.2 13.0 13.0 12.7	0.54 0.54 0.53 0.53 0.53 0.53 0.53
qabV 0.888 1.932 0.045 qAbu 0.868 3.685 0.043 qaBz 0.809 2.028 0.062 qAbo 0.9 3.798 0.041 qaBt 0.92 2.719 0.051 qaBl 0.912 3.044 0.035 qaBq 0.855 1.391 0.041 qaBi 0.861 1.855 0.030	0.205 -4.927 31. 0.248 -1.464 34. 0.243 2.005 38. 0.259 3.806 39. 0.267 1.116 37. 0.19 3.483 39. 0.233 0.286 36. 0.243 -0.091 35.	073 0.87 94.7 357.4 849.8 0. 536 0.743 97.0 380.8 860.8 0. 005 0.692 142.3 613.4 1132.4 0. 806 0.08 141.7 678.3 1377.8 0. 116 0.927 93.7 360.6 790.7 0. 483 0.669 92.2 446.2 895.9 0 286 0.136 133.6 633.8 1227.0 0. 909 0.06 131.9 625.2 1230.6 0	0.27 0.14 0.35 0.27 0.19 0.34 0.12 0.19 0.42 0.34 0.17 0.45 0.23 0.12 0.35 0.19 0.2 0.4 0.14 0.19 0.47 0.35 0.13 0.47 0.33 0.12	84.4 181.5 14.3 216 54.0 77.9 8.4 107 29.7 106.1 6.0 139 97.9 148.2 14.9 174 69.7 194.0 12.8 234 37.5 102.5 6.5 119 28.1 140.9 5.4 165 79.0 161.4 12.9 204 73.8 161.2 11.8 204	33.6 4.6 14 7.6 32.7 2.4 12 9.0 13.0 1.7 7 1.4 56.2 4.7 18 1.9 28.2 4.1 12 9.5 19.9 1.8 8 5.6 10.4 1.4 6 1.7 37.9 4.8 14 1.9 32.1 4.8 12	1.1 3.6 35.7 .2 4.1 45.3 3.3 5.9 51.8 2.8 7.1 61.0 .1 3.2 39.5 .8 3.7 50.0 4.0 6.4 53.0 2.7 6.6 53.7	10.4 13.9 14.6 13.5 19.6 19.4 29.2 18.6 9.8 13.0 17.3 12.3 36.8 18.3 41.7 17.8	20.1 4.3 21.7 21.2 4.3 22.7 31.4 6.1 35.7 31.5 6.6 37.4 21.1 4.0 23.1 21.3 4.0 22.8 28.3 6.5 33.3 27.2 6.4 33.1	8.5	1.9 6.4 1.8 6.9 3.1 10.3 3.0 9.5 1.5 6.8 1.5 6.9 3.0 8.6 2.8 8.4	5.3 200.7 96.0 6.0 206.4 93.5 7.8 258.3 133.1 7.5 295.0 165.2 4.9 186.4 87.4 5.0 211.2 101.3 8.4 259.7 143.0 8.8 258.0 137.9	47.7 92.8 48.4 95.1 67.7 142.8 91.4 212.9 43.5 91.8 53.6 104.7 84.0 172.8 85.2 175.9	189.1 22.4 92.4 194.4 24.2 90.4 231.4 30.3 118.0 261.9 48.6 133.8 185.3 16.9 81.6 202.9 20.6 94.4 227.8 49.4 125.3 234.7 52.0 137.0	19.1 23.9 17.7 24.8 28.3 35.9 3 27.5 39.8 15.2 23.5 15.8 28.8 3 29.8 35.4 27.7 34.3	33.6 25.2 34.0 27.5 46.2 24.6 54.6 27.8 30.0 28.2 30.1 29.8 55.7 24.4 54.2 25.0	9.2 20.6 9.4 21.8 9.9 20.7 10.8 23.8 9.8 22.7 9.7 23.2 10.3 22.0	8.9 38.2 2 9.1 41.9 2 9.5 36.9 2 1.5 43.8 3 9.5 43.2 2 9.4 46.5 2 1.0.4 37.7 3 1.0.7 39.3	27.4 21.8 28.4 22.5 26.7 21.0 33.5 23.9 27.6 23.6 29.3 23.8 31.4 22.1 31.9 22.6	19.6 7.9 19.8 8.0 18.4 8.0 20.3 8.7 21.6 8.3 22.0 8.3 19.4 8.4	11.4 11.1 11.9 14.5 12.5 11.7 12.7	0.53 0.53 0.53 0.53 0.53 0.53 0.53 0.53
qAbg 0.87 3.739 0.058 qaBm 0.832 3.835 0.055 qaBd 0.882 1.626 0.042 qabD 0.887 3.468 0.041 qabI 0.848 1.994 0.059 qAbb 0.885 2.456 0.061 Qabr 0.803 1.502 0.045 qabJ 0.871 1.251 0.04	0.27	104 0.59 147.2 683.8 1251.3 0. 908 0.557 137.2 677.0 1338.1 0. 521 0.09 133.6 651.6 1302.0 0. 314 0.102 136.6 688.9 1382.0 0. 219 0.654 143.0 697.1 1286.8 0. 559 0.679 141.4 703.8 1343.2 0. 401 0.335 135.0 655.8 1235.4 0. 534 0.042 136.9 643.8 1246.7 0.	.47 0.33 0.12 .41 0.27 0.16 .41 0.28 0.16 .48 0.35 0.12 .46 0.26 0.12 .45 0.36 0.16 .43 0.35 0.16 .47 0.36 0.14 .49 0.36 0.12	100.8 181.6 16.7 202 111.6 151.4 18.2 197 84.4 163.9 13.5 208 81.2 184.5 14.0 227 110.1 171.2 17.4 195 115.3 175.1 17.9 195 94.5 155.6 15.1 200 75.3 171.2 12.4 200	2.6 48.1 4.9 18 7.2 54.6 5.6 19 8.9 40.4 5.9 12 7.0 33.0 4.5 12 6.9 65.3 6.0 23 6.2 67.3 6.8 23 7.7 37.0 5.1 12	2.7 6.6 53.7 3.3 6.5 58.8 9.5 7.2 57.3 4.7 6.6 54.1 4.0 7.2 59.3 1.7 6.4 57.4 1.8 7.0 56.8 5.5 6.8 52.7 3.6 6.6 53.5	22.3 20.1 28.9 20.3 36.2 18.3 39.3 19.1 22.2 19.5 16.6 19.7 38.3 19.0 38.2 18.1	33.5 6.5 36.6 28.6 6.5 31.9 27.2 6.6 33.6 28.6 6.8 34.0 32.0 6.1 35.7 31.7 6.2 34.4 27.8 6.4 33.5 29.7 6.5 34.6	10.8 2.2 10.5 11.4 2.5 10.2 9.9 3.0 9.8 10.4 3.0 9.8 10.9 2.3 10.1 11.1 2.4 10.3 9.9 2.9 9.9 10.0 2.9 9.9	3.0 10.8 3.1 9.0 3.0 8.5 2.9 8.6 3.0 10.5 3.1 10.3 3.0 8.7 3.1 8.8	7.8 289.0 152.5 8.4 313.5 151.4 8.6 277.5 147.5 8.4 303.1 152.8 7.7 294.4 157.8 6.9 315.7 156.6 8.7 270.8 144.2 8.4 255.4 150.4	79.4 166.7 83.7 155.5 92.4 186.2 95.9 193.0 77.8 167.9 83.1 163.4 85.1 170.6 84.6 184.8	245.7 32.0 128.2 274.2 44.6 140.7 239.8 52.9 136.1 264.2 56.2 142.2 255.2 35.3 132.2 276.4 40.8 141.9 223.2 47.1 128.5 230.4 50.7 136.0	27.3 39.8 33.6 37.9 30.8 36.8 30.9 37.5 29.7 42.7 30.5 42.4 31.8 36.0 29.4 35.9	47.6 26.7 55.7 24.4 56.2 25.0 59.0 26.4 48.7 25.0 45.5 25.6 54.0 23.0 54.1 25.0	10.4 22.5 1 9.9 20.9 1 10.6 22.5 1 10.7 23.4 1 10.1 21.2 1 10.1 21.5 9.9 20.8 1 10.5 22.5	.0.3 39.9 2 9.4 37.1 2 .0.6 38.9 3 .0.8 41.4 3 9.8 36.6 2 9.7 38.5 2 9.9 35.0 2 .0.7 39.2 3	29.0 22.1 28.6 21.4 30.2 22.9 33.3 23.9 27.6 21.2 28.3 22.0 27.6 20.4 31.8 22.5	19.3 8.3 18.6 8.1 19.9 8.5 20.5 8.6 18.7 8.1 19.2 8.2 18.5 8.0 19.5 8.5	13.3 11.5 12.9 13.0 12.5 13.1 11.2	0.52 0.51 0.51 0.51 0.51 0.51 0.51
qabn 0.821 1.019 0.056 qAbt 0.858 1.842 0.06 Qabt 0.947 3.088 0.061 Qabi 0.918 1.349 0.052 qabu 0.938 2.163 0.059 qabt 0.889 2.335 0.036 qaby 0.913 1.896 0.062 qabr 0.945 3.848 0.047	0.2 -4.336 31. 0.272 -2.61 33 0.283 -0.511 35. 0.17 2.121 38. 0.177 -3.183 32. 0.29 3.615 39. 0.154 0.168 36. 0.294 -2.397 33.	664 0.861 96.6 331.5 807.9 0. .39 0.62 144.2 623.1 1185.1 0. 489 0.601 148.4 690.6 1349.0 0. 121 0.532 142.2 707.8 1371.8 0. 817 0.618 142.0 709.1 1398.1 0. 615 0.673 92.6 389.1 776.6 0. 168 0.676 143.9 715.1 1391.3 0. 603 0.197 145.3 686.6 1439.0 0.	.49 0.36 0.12 .36 0.32 0.19 .44 0.35 0.16 .42 0.31 0.18 .47 0.38 0.15 .45 0.36 0.15 .39 0.17 0.2 .45 0.37 0.16 .44 0.25 0.14	75.3 171.2 12.4 207 55.5 65.1 8.5 93. 95.9 148.7 15.1 181 104.9 182.7 17.5 199 103.4 184.9 17.1 202 111.4 177.8 17.6 203 25.6 123.4 4.2 140 113.9 179.1 17.6 195 84.8 197.8 14.7 222	37.0 5.1 .9 32.5 2.7 52.9 5.6 18 2.1 58.5 6.1 19 3.7 60.6 6.8 20 3.8 10.4 1.0 6 5.3 70.2 2.0 30.0 5.2 14	1.0 3.6 33.8 3.7 6.3 52.5 9.2 6.1 59.6 9.9 6.9 57.5 0.7 6.8 58.6 .1 3.3 44.5 2.9 6.5 58.2 4.2 6.9 59.7	12.5 14.0 24.2 19.8 19.2 21.0 26.9 19.2 20.5 19.6 16.0 12.4 21.3 19.9 26.4 20.6	20.1 4.3 21.7 31.0 6.5 35.0 34.1 6.9 35.8 33.0 6.6 34.9 31.6 6.5 35.1 21.3 4.0 22.1 33.0 6.2 35.0 33.1 7.4 35.7	10.0 2.9 9.8 8.1 1.7 7.7 11.0 2.5 10.8 10.9 2.4 10.6 10.0 2.3 10.1 10.6 2.5 10.5 7.6 1.4 6.8 11.0 2.3 10.3 10.4 2.9 10.1	3.1 8.8 2.1 6.6 3.3 10.1 2.9 11.3 3.1 10.3 3.0 10.3 1.6 6.9 2.9 10.7 2.8 9.7	6.5 183.3 95.5 8.7 271.4 137.7 7.1 322.6 161.0 7.5 313.6 174.4 7.2 328.5 163.6 5.2 180.1 87.0 7.2 330.6 168.2 7.5 330.5 169.0	44.5 89.8 73.9 151.0 89.4 163.2 92.1 184.3 91.1 178.1 43.0 87.2 87.6 167.2 102.9 186.1	170.0 23.7 89.4 230.8 36.4 126.6 276.7 35.8 137.3 254.5 40.1 141.6 277.9 43.5 144.8 187.0 17.9 80.9 285.2 36.1 144.8 283.9 50.8 143.0	20.8 23.3 28.9 36.8 26.5 44.3 30.8 45.6 31.1 45.0 14.2 24.3 29.0 46.4 29.9 39.5	37.1 22.7 49.9 25.2 45.9 28.7 46.8 25.8 45.9 26.8 27.0 28.8 47.8 26.4 53.6 20.3	9.0 19.1 9.9 21.1 10.7 24.0 1 10.2 22.2 1 10.4 23.0 1 9.4 22.3 10.3 22.6 11.0 25.2	8.7 35.0 2 9.6 37.1 2 .0.2 44.1 3 .0.3 38.4 2 .0.1 40.5 2 9.1 44.7 2 9.9 39.4 2 .0.9 47.3	25.8 20.1 27.6 21.4 31.0 23.9 29.5 22.0 29.2 22.9 29.6 23.0 29.5 22.3 32.9 25.8	18.5 7.6 18.4 8.2 20.8 8.6 19.4 8.4 20.3 8.5 20.6 8.0 20.1 8.4 21.7 8.0	10.7 11.8 14.1 12.7 12.8 11.2 13.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5
Qabs 0.899 2.035 0.041 qabM 0.856 3.996 0.05 qabe 0.892 2.94 0.045 qAbd 0.922 2.505 0.045 qabh 0.87 2.206 0.043 qAbq 0.898 2.582 0.041 Qabu 0.826 3.934 0.057 qabN 0.83 1.054 0.06	0.215 -1.746 34. 0.25 2.982 38. 0.192 1.252 37. 0.27 4.932 40. 0.227 2.015 38. 0.197 -2.585 33. 0.265 -4.986 31. 0.223 0.299 36.	803 0.197 145.3 686.6 1439.0 0. 254 0.04 136.2 674.3 1369.2 0. 982 0.907 94.6 324.8 801.0 0. 252 0.882 88.3 354.8 803.2 0. 932 0.848 90.4 370.0 747.2 0. 015 0.824 90.1 369.4 753.7 0. 415 0.031 136.1 696.5 1404.9 0. 014 0.494 144.8 618.9 1293.5 0. 299 0.607 149.8 663.5 1242.9 0.	.44 0.25 .48 0.34 0.1 0.2 0.34 0.17 0.2 0.38 0.21 0.2 0.47 0.32 0.11 0.39 0.26 0.15 0.46 0.38 0.16	84.8 197.8 14.7 222 83.7 174.4 13.8 218 28.1 88.6 6.0 117 33.9 96.9 6.1 122 30.6 114.6 5.3 129 36.3 103.6 6.0 126 86.8 181.0 14.8 221 101.6 140.9 16.7 187 103.5 164.1 15.9 188	3.2 40.3 5.9 14 7.6 14.1 1.5 7 2.1 18.9 1.5 7 3.0 15.3 1.6 7 5.6 17.5 1.5 7 7.8 41.5 5.6 15 7.8 41.5 5.8 1 3.0 58.0 6.2 20	4.9 6.7 55.7 .1 3.7 39.6 .5 3.5 40.7 .1 3.1 41.1 .6 3.0 41.6 5.7 7.4 57.2 7.3 6.2 54.0 0.0 6.7 53.6	36.9 18.4 2.8 10.4 12.4 12.5 12.3 2.3 2.7 21.6 25.4 20.6	28.5 6.7 34.8 21.2 3.9 23.2 19.5 3.8 21.1 21.5 3.6 22.6 20.3 3.8 21.8 28.2 6.8 34.6 30.4 7.1 33.7 33.3 6.5 36.9	10.2 3.1 9.8 7.7 1.4 6.9 7.5 1.4 6.4 7.0 1.3 6.5 7.4 1.4 6.7 10.2 3.0 10.0 11.8 3.0 11.1 10.9 2.4 11.0	2.8 8.6 1.6 6.9 1.5 6.4 1.5 6.9 1.5 6.6 3.1 8.4 3.0 9.2 3.3 10.6	8.2 289.7 156.2 5.4 190.3 89.7 5.0 194.3 86.8 4.6 173.0 86.1 5.1 173.3 85.8 8.2 299.2 159.0 8.4 304.6 146.0 8.8 286.8 151.7	96.0 198.0 42.4 95.4 43.9 89.6 39.4 91.5 40.1 87.0 98.7 202.6 86.2 152.6 78.2 162.2	256.3 59.1 142.8 185.7 19.5 82.3 186.0 18.7 83.8 170.4 15.7 78.9 172.9 17.7 80.4 265.1 56.9 147.5 262.2 44.2 134.2 232.8 34.6 131.4	30.3 30.3	55.4 26.1 29.9 27.5 30.8 27.4 27.0 29.0 29.5 26.0 56.7 26.0 53.9 25.1 49.6 24.5	10.7 23.2 1 9.7 22.0 9.4 21.6 9.8 22.9 9.3 20.9 10.7 23.2 1 9.9 21.6 9.9 21.0	.0.9 40.5 3 9.5 41.8 2 9.2 40.7 2 9.6 44.1 2 8.9 40.2 2 .0.9 40.3 3 9.6 37.8 2 9.6 36.1 3	32.0 23.7 28.2 22.6 27.7 23.0 28.7 23.3 27.1 22.1 32.4 23.6 27.8 21.7 26.6 20.8	20.9 8.7 20.8 8.1 21.3 8.0 21.1 8.2 20.7 7.9 20.3 8.6 19.6 8.1 18.3 8.1	13.3 11.6 11.5 11.9 11.2 12.7 12.2 12.0	0.49 0.49 0.49 0.49 0.49 0.49 0.49 0.48
qaBr 0.852 2.098 0.052 pwcn 0.875 4.0 0.05 qabz 0.843 2.033 0.043 qaBc 0.897 2.6 0.05 qabw 0.93 2.523 0.043 qabq 0.882 1.448 0.048 qAbx 0.924 2.526 0.041 qAbk 0.864 1.079 0.044	0.19 1.976 37. 0.25 0.0 36. 0.15 -0.871 35. 0.202 -1.05 34. 0.199 2.023 38. 0.275 -3.887 32. 0.224 -1.923 34. 0.286 0.282 36.	976 0.51 146.4 721.4 1324.9 0. 5.0 nan 129.6 914.6 1145.2 0. 129 0.817 87.6 366.2 783.1 095 0.452 143.4 727.0 1365.7 0. 023 0.896 83.9 360.5 770.1 0. 113 0.174 143.4 643.7 1293.5 0. 077 0.014 142.1 710.9 1457.4 0. 282 0.051 145.4 645.1 1275.9 0.	.40 0.36 0.10 .47 0.36 0.14 .56 0.51 0.14 .37 0.24 0.19 .46 0.34 0.15 .36 0.18 0.2 .47 0.36 0.13 .48 0.32 0.1 .49 0.37 0.12	110.4 177.7 17.1 208 135.3 205.4 47.4 234 43.2 89.0 6.9 124 106.9 185.5 17.5 214 31.0 107.5 5.2 127 90.5 154.5 14.9 200 83.9 188.0 14.5 230 82.2 166.1 13.1 205	3.6 57.4 6.2 20 4.6 56.8 13.1 6.3 4.9 21.3 1.9 8 52.6 6.1 19 7.1 16.0 1.5 6 0.1 44.5 6.1 10 0.0 38.6 5.7 19 5.5 41.1 5.6 12	0.3 7.1 59.1 3.7 18.4 64.4 .3 3.3 40.6 0.0 7.4 59.7 .9 3.0 40.1 5.1 7.1 51.6 5.4 7.8 58.2 4.7 6.4 51.8	31.6 20.1 42.3 17.9 12.7 12.1 32.2 19.7 10.3 11.4 35.4 19.9 43.9 18.5 35.8 19.6	32.0 6.6 36.8 28.1 5.4 32.3 18.8 3.8 20.7 31.6 6.7 35.4 19.0 3.5 20.6 29.4 7.3 35.3 30.0 6.7 36.6 31.3 6.9 37.1	10.7 2.5 10.5 10.3 2.6 8.3 7.4 1.5 6.7 10.5 2.6 10.2 6.8 1.3 6.1 10.9 3.1 10.7 10.2 3.2 10.1 10.4 3.1 10.3	3.1 10.4 3.1 8.5 1.7 6.2 3.1 9.9 1.4 6.1 3.3 8.9 3.5 8.9 3.2 9.2	8.1 295.6 162.4 8.2 266.7 134.4 5.2 179.5 88.7 8.2 310.8 165.1 4.4 181.8 84.6 9.2 281.4 146.4 9.2 304.3 167.3 8.9 266.8 151.3	84.1 185.5 60.1 155.8 42.8 89.7 91.7 182.8 43.0 86.2 91.8 177.5 98.8 214.5 89.0 191.4	248.5 38.2 136.0 232.0 40.3 102.8 171.9 21.0 85.4 256.6 43.7 140.6 182.0 18.0 79.9 237.8 53.2 135.8 277.2 61.7 147.2 227.2 51.6 132.2	32.0 43.6 32.0 32.9 32.9 32.9 18.2 23.3 30.7 43.0 14.9 22.8 31.9 35.7 22.8 35.5 40.3 29.9 36.0	51.8 24.4 51.0 25.4 32.5 24.5 52.9 26.3 28.7 28.7 56.5 24.9 60.8 27.8 55.1 24.7	10.1 21.0 10.1 18.8 9.1 19.9 10.3 22.2 9.7 22.8 10.7 22.2 11.0 24.0 10.6 23.0	9.9 36.8 2 9.8 36.7 2 8.7 37.0 2 .0.2 39.0 2 9.2 44.4 2 .0.5 38.0 3 .1.2 43.0 3 .0.8 38.6 3	27.9 21.0 27.4 21.2 25.9 21.1 29.3 22.2 28.8 23.3 30.9 22.3 33.1 24.0 31.6 22.8	18.7 8.3 18.9 8.1 19.3 7.7 19.0 8.5 21.0 8.1 19.2 8.5 19.7 8.7 19.6 8.5	12.1 12.6 10.6 12.6 11.6 12.7 13.2	0.48 0.48 0.48 0.47 0.47 0.47 0.47
qabj 0.896 3.694 0.055 qAbm 0.851 2.123 0.045 qaba 0.875 4.0 0.05 qabN 0.902 3.093 0.057 qAby 0.903 1.263 0.048 qabv 0.807 3.583 0.04 Qabj 0.837 1.701 0.052 Qabz 0.811 2.358 0.047	0.295 -4.649 31. 0.262 -3.317 32. 0.25 0.0 36. 0.248 -4.733 31. 0.151 0.975 36. 0.239 -2.714 33. 0.212 -3.936 32. 0.269 2.34 38.	351 0.973 90.7 237.4 776.1 0. 683 0.823 87.1 292.2 726.5 0. 5.0 0.343 151.1 738.8 1421.8 0. 267 0.489 146.1 691.4 1355.6 0. 975 0.335 146.0 741.7 1462.1 0. 286 0.737 88.7 291.4 790.9 0 064 0.996 82.6 231.0 699.2 0. .34 0.168 152.1 699.7 1306.3 0	0.25 0.09 0.21 0.34 0.19 0.19 0.44 0.27 0.14 0.43 0.32 0.16 0.48 0.39 0.14 0.3 0.08 0.19 0.29 0.22 0.2 0.47 0.33 0.13	25.6 55.6 5.4 79. 31.8 67.7 5.6 102 102.3 197.6 17.7 229 111.2 168.2 18.2 198 107.9 189.7 17.8 218 21.7 72.2 4.7 110 34.7 45.4 5.8 68. 95.6 177.5 15.3 216	.5 12.5 1.7 6 2.0 15.7 1.5 6 9.3 39.1 6.1 1 3.8 52.2 6.3 19 3.4 57.1 7.7 19 9.8 9.4 1.3 5 .5 20.7 1.7 7 5.0 45.2 6.1 10	.5 3.2 31.0 .7 3.1 35.6 7.2 7.6 62.9 9.7 7.0 57.7 9.2 7.3 58.3 .6 3.6 38.2 .5 2.6 26.8 5.2 6.9 56.5	7.6 13.5 11.2 12.6 32.8 21.1 27.5 21.6 32.9 20.0 12.2 13.1 7.8 12.1 39.8 20.6	19.7 4.1 20.3 18.1 3.9 19.9 33.7 7.2 37.1 31.3 7.3 33.6 32.9 6.9 36.4 18.6 4.0 20.0 17.5 3.5 18.4 33.0 7.0 38.4	8.2 1.4 6.8 7.8 1.6 6.7 10.9 2.8 10.6 11.8 2.7 10.9 10.2 2.8 10.2 8.1 1.6 6.7 7.4 1.4 6.4 10.9 3.2 10.6	1.6 6.2 1.6 6.0 3.2 10.4 3.1 9.9 3.0 9.9 1.7 5.9 1.7 5.6 3.3 9.8	5.4 189.2 86.2 5.5 170.4 79.5 8.4 325.1 169.8 8.4 322.4 153.3 8.3 329.3 184.5 5.5 190.4 85.9 5.4 163.5 81.8 9.7 280.0 158.6	41.5 83.4 38.5 79.7 98.7 187.7 92.4 159.8 102.0 198.7 43.1 83.4 35.3 76.3 87.2 187.9	183.7 18.2 79.4 167.0 19.2 75.7 269.9 48.0 141.4 274.1 43.1 141.0 264.5 49.9 148.1 186.2 20.6 81.0 157.1 19.2 74.1 237.9 49.7 130.1	15.4 20.8 16.1 20.6 32.9 41.9 32.1 39.6 33.5 45.4 17.5 20.8 15.6 19.1 32.2 37.8	30.4 27.9 31.4 25.7 57.4 26.8 50.4 26.1 55.3 25.0 32.0 26.4 30.4 24.2 58.6 24.6	9.4 21.8 9.0 20.1 10.5 23.4 10.3 22.2 10.4 22.3 9.0 21.1 9.0 19.6 10.4 22.2	9.3 43.0 2 8.7 39.4 2 .0.4 40.9 3 9.9 39.5 2 .0.2 38.0 2 8.7 40.4 2 8.7 36.8 2 .0.5 37.6 3	27.9 23.4 26.3 21.4 30.7 23.0 29.6 22.5 28.7 22.0 25.6 21.8 25.6 20.8 30.7 21.9	20.8 8.1 19.4 7.8 20.1 8.5 19.5 8.4 20.1 8.5 19.7 7.6 19.1 7.5 19.3 8.3	11.6 10.6 13.3 12.4 13.1 10.5 10.7 12.6	0.46 0.46 0.46 0.45 0.45 0.45 0.45
qabR 0.945 2.324 0.048 (qAbj 0.876 1.529 0.063 qaBy 0.836 1.139 0.052 (Qabj 0.82 1.706 0.065 qAbs 0.812 2.518 0.041 qaBg 0.808 1.863 0.04 qabg 0.895 3.558 0.05 Qabk 0.899 1.959 0.042	0.29 -2.796 33. 0.183 -2.024 33. 0.191 -3.536 32. 0.219 -0.111 35. 0.157 -1.985 34. 0.158 -3.867 32. 0.292 -1.44 34 0.183 4.342 40.		0.47 0.34 0.13 0.45 0.38 0.16 0.48 0.39 0.14 0.45 0.37 0.16 0.32 0.16 0.2 0.33 0.2 0.2 0.44 0.28 0.14 0.5 0.36 0.09	91.8 189.3 15.7 214 118.0 175.2 18.1 193 106.0 155.6 16.9 199 113.8 165.8 17.5 191 29.9 65.1 5.3 99. 28.7 57.4 5.1 89. 99.5 193.9 16.7 222 97.8 193.4 15.7 246	4.7 42.4 6.4 10 8.5 66.3 7.0 22 9.1 56.6 7.8 19 8.5 69.8 6.4 22 8.3 14.7 1.4 6 8.5 14.4 1.4 6 8.3 41.0 6.4 10 8.5 48.4 7.3 1	5.4 7.2 57.5 2.3 6.8 56.6 9.0 7.4 53.4 2.2 6.6 55.4 .5 3.3 36.0 .1 2.8 31.3 5.9 7.5 59.7 7.3 7.9 60.5	28.9 20.8 22.7 21.6 37.6 21.1 22.2 21.8 10.8 12.0 10.6 11.4 25.5 21.8 40.3 19.6	33.4 7.5 36.9 33.9 6.8 35.9 30.0 7.4 35.2 34.5 6.9 38.0 16.9 3.6 18.2 15.7 3.5 17.0 34.2 7.5 37.6 32.0 6.7 40.2	10.9 3.2 10.5 11.6 2.7 11.1 11.2 3.2 10.9 12.1 2.6 11.6 7.4 1.4 6.2 7.1 1.5 6.1 11.4 3.3 10.9 10.1 3.2 10.0	3.2 9.8 3.3 10.9 3.3 9.4 3.4 11.1 1.5 5.5 1.4 5.0 3.2 10.1 3.4 9.8	7.9 319.7 175.2 8.2 331.8 170.1 9.0 307.0 158.1 8.2 306.6 157.2 4.9 176.1 82.4 4.7 164.8 75.9 7.6 321.4 169.9 8.8 306.5 184.6	102.7 194.3 90.0 168.7 96.2 182.8 81.4 165.0 38.7 79.6 38.0 73.6 99.8 185.7 99.4 246.1	275.5 60.2 146.3 277.4 40.9 148.6 250.4 53.4 141.2 266.3 41.5 140.2 171.7 19.5 78.4 161.4 19.6 74.8 276.2 54.9 142.5 262.7 60.4 149.9	31.3 41.5 33.2 44.2 34.4 38.7 31.7 41.5 16.8 20.4 16.3 18.6 32.9 39.8 34.1 45.4	55.7 27.9 52.0 25.3 58.1 23.5 52.8 24.4 30.5 24.8 28.3 24.6 53.7 27.1 59.9 25.0	11.0 24.1 10.1 21.9 10.2 21.2 10.0 20.7 8.8 19.7 8.5 19.1 10.8 24.2 10.9 23.0	.1.0 44.3 3 9.5 37.9 2 .0.1 35.3 2 9.6 36.1 2 8.5 37.9 2 8.2 36.8 2 .0.6 42.3 3 .1.3 39.9 3	24.8 27.9 21.9 28.3 20.9 28.1 20.9 25.5 21.3 24.6 20.8 32.3 23.7 30.8 23.2	20.9 9.0 19.2 8.2 18.7 8.2 18.5 8.2 19.7 7.5 19.5 7.4 20.5 8.7 19.2 8.6	14.7 12.7 11.8 12.6 10.4 10.0 14.3 14.0	0.45 0.45 0.45 0.45 0.44 0.44 0.44
qabT 0.808 3.685 0.04 qabM 0.894 3.418 0.044 qAbd 0.861 1.723 0.036 qaBm 0.925 1.662 0.063 qabE 0.862 2.139 0.047 qabw 0.826 3.767 0.045 qabC 0.856 2.75 0.043 qaBp 0.927 3.049 0.053	0.246 -1.779 34. 0.264 -0.864 35. 0.171 4.755 40. 0.179 -0.31 35. 0.263 1.678 37. 0.16 1.446 37. 0.218 2.665 38. 0.22 1.776 37.	221 0.772 87.0 278.7 763.7 0. 136 0.012 149.9 721.3 1468.3 0. 755 0.769 82.2 367.0 711.1 0 .69 0.607 153.6 746.7 1506.9 0. 678 0.167 153.7 715.6 1379.7 0. 446 0.923 85.7 294.4 790.5 0. 665 0.049 149.2 740.2 1426.1 0. 776 0.43 153.9 766.8 1489.7 0.	0.29 0.07 0.2 0.46 0.28 0.11 0.4 0.22 0.2 0.45 0.38 0.17 0.48 0.35 0.12 0.29 0.09 0.2 0.48 0.32 0.1 0.45 0.33 0.14	18.7 71.2 4.5 105 87.5 194.6 15.0 231 30.5 104.6 4.7 129 121.7 189.4 19.5 207 97.7 184.8 16.2 224 26.4 74.2 5.3 104 95.2 190.2 15.5 240 116.4 202.7 19.5 226 110.6 126.7 126.7 126.7	8.3 1.2 1.9 37.6 9.8 14.1 1.1 6 7.0 73.6 7.3 2 1.7 45.8 1.4 11.5 1.4 6 1.3 1.4 1.6 1 1.7 1.4 1.8 1 1.9 1 1.0 1 1.1 1 1.2 1 1.3 1 1.4 1 1.5 1 1.6 1 1.7 1 1.8 1 1.9 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1	3.4 38.4 5.7 8.0 60.4 5.5 2.9 41.3 3.3 7.0 59.4 7.0 6.8 57.6 6.6 3.6 39.2 5.7 7.8 59.5 6.2 7.5 62.7	10.5 12.8 39.4 20.1 17.9 10.7 13.2 21.9 33.8 21.0 10.2 11.9 36.0 19.6 25.2 21.2	18.5 3.9 19.3 32.1 7.2 37.9 18.5 3.3 19.7 35.9 7.1 37.5 33.6 7.3 40.3 18.7 3.6 19.9 32.2 6.9 39.6 35.6 7.3 38.4	8.1 1.5 6.6 11.0 3.2 10.6 6.7 1.2 6.1 11.8 2.5 10.8 10.8 3.1 10.6 7.2 1.3 6.4 10.8 3.2 10.2 10.7 2.7 10.7	1.6 6.0 3.5 9.6 1.4 6.1 3.1 11.2 3.0 10.1 1.6 6.2 3.5 9.5 3.1 10.9	5.3 183.5 83.1 9.2 314.3 168.7 5.5 158.4 78.3 6.1 358.5 187.5 8.2 295.7 167.3 5.7 188.2 90.0 8.3 294.9 171.9 7.6 344.9 184.4	41.4 81.0 101.7 209.2 36.6 82.1 100.3 187.4 93.6 208.6 39.5 89.1 92.3 230.4 102.1 201.7	180.3 19.1 78.6 277.8 61.0 148.0 169.0 15.6 78.2 302.8 42.2 151.9 251.3 52.6 136.6 181.3 17.9 81.2 256.2 57.2 139.9 281.3 47.3 150.3	15.9 20.6 34.6 39.5 14.5 22.0 31.3 49.8 5 29.8 40.2 16.4 22.2 33.3 41.1 3 31.0 46.7	31.3 26.7 63.6 27.5 29.5 26.0 43.6 26.9 56.8 25.0 35.0 26.4 61.0 25.2 49.7 27.0	9.0 20.8 11.0 24.0 9.0 20.6 10.3 23.2 10.5 22.3 9.1 20.9 10.6 22.3 10.6 23.5	8.8 40.2 2 1.3 42.3 3 8.8 40.8 2 .0.1 39.8 2 .0.9 39.3 3 9.0 40.6 2 .1.1 38.3 3 .0.5 42.4 3	22.0 34.3 24.2 27.3 21.9 29.8 22.9 30.6 22.5 27.2 22.0 30.8 22.7 31.0 23.3	19.7 7.6 20.4 8.7 20.6 7.7 19.7 8.6 19.9 8.5 19.9 7.7 18.9 8.5 20.0 8.6	10.7 14.1 10.3 13.8 13.3 10.7 13.8 13.9	0.44 0.44 0.44 0.44 0.44 0.44 0.43
qabm 0.8 3.785 0.053 qabm 0.805 1.014 0.06 pwca 0.875 4.0 0.05 qabl 0.84 3.364 0.037 qabs 0.913 1.671 0.046 qabs 0.894 1.62 0.039 qabh 0.838 2.882 0.046 Qabl 0.875 2.621 0.053	0.263 -0.113 35. 0.267 4.121 40. 0.25 0.0 36 0.26 -2.962 33. 0.22 -1.515 34. 0.21 -4.145 31. 0.25 0.532 36. 0.268 -4.91 31.	485 0.079 151.2 739.6 1512.5 0. 855 0.858 70.5 244.2 642.3 0. 532 0.989 81.5 227.2 680.5 0. .09 0.207 152.3 699.9 1420.8 0.	.44 0.29 0.14 .47 0.39 0.14 .56 0.47 0.14 .32 0.08 0.2 .49 0.37 0.11 .34 0.19 0.21 .27 0.1 0.21 .46 0.33 0.13 0.3 0.12 0.21	110.0 186.7 18.3 223 110.9 171.1 17.8 198 141.3 239.4 53.6 257 19.4 77.1 3.9 116 98.0 189.9 16.6 228 22.6 57.4 3.8 89. 20.5 54.5 4.3 80. 106.0 166.7 17.7 208	3.4 46.7 6.4 18 3.3 63.0 7.4 20 7.7 56.6 12.3 72 5.6 7.7 1.2 5 3.3 53.5 7.0 18 .0 11.3 1.1 5 .1 11.3 1.1 5 3.7 50.3 7.3 18 6 10.3 1.2 5	0.8 59.5 0.9 6.8 54.4 2.9 20.3 72.6 .1 3.4 39.6 3.1 7.8 57.2 .1 2.6 31.3 .3 2.7 30.9 3.7 7.5 55.3	38.6 22.5 22.3 23.5 42.1 18.8 12.7 12.9 37.7 20.2 10.2 10.4 7.6 11.6 36.3 22.0 8.0 12.0	34.3 7.4 38.7 37.2 7.4 41.3 33.7 6.1 36.6 17.3 4.1 19.0 32.7 7.3 38.8 14.2 3.3 15.5 17.9 3.4 18.6 31.0 7.8 37.1 16.4 3.6 18.2	12.0 3.0 11.5 11.9 3.0 11.7 10.7 2.6 9.7 8.3 1.6 6.7 11.0 3.1 10.6 7.1 1.1 5.7 7.3 1.3 6.1 11.8 3.4 11.4 7.6 1.4 6.3	3.5 10.4 3.6 11.4 3.3 10.5 1.5 5.8 3.4 9.7 1.3 4.8 1.4 5.7 3.6 9.5	10.3 318.7 165.1 8.3 305.8 166.0 8.5 281.8 161.9 4.9 192.0 79.0 8.8 319.8 183.3 4.2 151.9 65.4 5.0 163.6 76.2 9.2 316.8 158.8 4.5 163.9 70.5	95.5 188.2 86.2 183.8 67.2 180.9 43.1 77.0 107.2 226.1 34.0 63.4 33.4 73.4 101.9 188.6	241.0 44.0 135.6 248.4 39.9 114.1 189.3 20.5 81.1 271.8 58.8 151.7 164.0 14.3 69.3 161.5 16.0 69.7 267.9 56.0 148.6	34.1 38.9 30.7 41.2 28.9 39.8 16.1 20.4 35.3 43.3 14.3 17.3 13.2 18.3 34.7 37.6	02.3 25.3 49.8 23.8 52.4 26.4 27.3 28.0 63.4 26.1 23.4 26.9 29.2 26.7 61.1 25.6	10.5 22.6 1 10.2 20.9 1 9.9 19.3 1 9.1 21.2 1 10.9 23.6 1 8.8 19.9 9.0 20.9 1 10.5 22.7 1	38.2 3 .0.1 35.4 2 .0.2 37.9 2 8.5 42.1 2 .0.9 39.2 3 8.4 41.3 2 8.9 40.2 2 .0.5 39.1 3	27.8 20.7 27.3 20.8 26.8 22.6 32.1 23.6 26.4 22.0 27.3 22.3 30.5 22.9	19.4 8.3 18.2 8.2 19.1 8.2 20.2 7.7 19.8 8.8 20.2 7.6 20.2 7.8 18.8 8.4	12.5 12.8 12.7 10.4 13.5 10.1 11.1 12.9	0.43 0.43 0.42 0.42 0.42 0.42 0.42
qaBo 0.074 2.547 0.044 qaBo 0.937 3.398 0.057 Qabv 0.863 1.501 0.036 Qabj 0.834 1.22 0.058 Qabv 0.837 2.853 0.056 Qabf 0.898 1.958 0.056 Qaby 0.85 1.392 0.056 Qabb 0.016 1.217	0.200 -2.757 33. 0.224 1.399 37. 0.288 -3.288 32. 0.196 -1.026 34. 0.17 0.224 36. 0.251 4.257 40. 0.156 4.913 40. 0.287 -1.402 34. 0.263 2.756	243 0.908 79.7 233.7 671.2 0 399 0.455 156.5 781.9 1553.6 0 712 0.694 79.9 291.7 655.5 0 974 0.473 157.3 724.9 1432.8 0 224 0.5 154.5 777.1 1452.4 0 257 0.972 76.6 260.0 583.9 0 913 0.453 156.8 796.1 1547.3 0 598 0.246 167.9 723.7 1443.7 0 404 0.959 77.6 260.5 640.3 0	0.3 0.12 0.21 0.45 0.32 0.16 0.37 0.21 0.21 0.47 0.39 0.14 0.45 0.35 0.15 0.35 0.22 0.22 0.47 0.38 0.14 0.48 0.38 0.13 0.26 0.21	20.7 55.1 4.1 86. 121.9 211.3 20.7 221 24.8 74.5 4.2 108 119.9 169.5 18.8 202 126.9 188.5 20.2 218 26.5 65.8 4.0 88. 125.8 202.2 20.6 225 110.3 179.2 17.9 212 30.8 59.9 5.0 88.	2.0 63.7 8.4 23.8 3.1 65.3 7.7 23.8 .5 14.6 1.0 5.6 5.6 66.9 7.4 23.8 2.9 58.8 7.8 19.8		13.3 11.7 31.4 22.8 32.5 22.0 9.9 10.4 25.5 21.7 29.3 23.7	36.3 8.2 42.3	7.6 1.4 6.3 10.9 2.5 11.0 7.6 1.4 6.4 11.7 3.1 11.5 11.5 2.9 11.3 6.4 0.94 5.6 10.9 2.5 10.9 12.3 3.4 11.8 6.8 1.3 6.0	3.1 11.6 1.4 5.6 3.5 10.7 3.2 10.6 1.3 5.7 3.4 11.2 3.6 11.0	4.5 163.9 70.5 7.3 367.5 195.2 4.6 153.8 66.9 9.4 333.3 166.2 8.9 336.7 174.8 4.7 134.2 66.8 7.8 359.0 194.4 9.2 322.0 174.4 4.6 149.1 70.1	35.1 69.2 109.6 195.2 36.8 67.2 99.6 184.8 93.9 186.0 29.1 68.2 104.6 212.9 101.8 201.5 34.6 69.7	301.2 42.9 157.4 162.1 16.8 73.1 264.7 51.3 150.6 275.9 48.3 152.7 134.8 11.3 61.9 287.6 43.0 155.6 263.5 53.2 145.8 151.4 15.0	12.4 17.8 30.6 49.9 13.4 18.6 33.7 42.7 33.3 44.0 11.5 18.0 33.4 50.9 33.0 41.8	24.3 27.2 50.9 27.9 21.9 26.3 55.2 24.1 55.8 24.6 25.5 25.3 52.2 25.6 57.0 24.8 24.2	9.2 20.6 10.7 23.9 3 8.9 19.5 10.2 21.5 10.2 21.2 9.0 20.2 10.5 22.6 3 10.6 22.2	41.3 2 .0.6 43.6 3 8.5 41.2 2 9.8 35.7 2 9.9 37.3 2 8.9 38.3 2 .0.5 39.4 3 .0.5 37.6 3	23.0 31.4 23.7 25.2 22.0 28.3 21.4 28.5 21.2 25.6 21.7 30.2 21.8 30.4 22.3	20.7 8.7 21.1 7.6 18.4 8.1 19.2 8.2 20.0 7.8 19.0 8.5 19.1 8.5	10.8 14.3 10.0 12.2 12.4 10.9 14.0 13.4	0.42 0.42 0.42 0.41 0.41 0.41 0.41
qabo 0.916 1.217 0.048 qabo 0.839 3.804 0.057 qabk 0.84 1.074 0.037 qabr 0.929 3.457 0.053 qabk 0.804 3.659 0.056 Qabh 0.818 1.913 0.052 qabh 0.947 1.008 0.059 qabx 0.86 1.772 0.04	0.202 -3.596 32. 0.232 0.634 36. 0.202 0.707 36. 0.291 -1.338 34. 0.271 1.501 37. 0.165 -1.863 34. 0.297 3.594 39. 0.186 -2.54 39.	.0.4 0.939 77.6 260.5 640.3 0. 634 0.407 164.7 801.8 1507.0 0. 707 0.938 65.1 213.2 543.3 0. 662 0.208 163.3 767.3 1564.7 0. 501 0.299 170.5 786.4 1468.6 0. 137 0.293 153.3 755.9 1473.5 0. 594 0.298 171.2 746.6 1542.8 0. 627 0.947 73.0 241.2 570.8 0. 749 0.085 146.1 241.2 570.8 0.	0.35 0.26 0.21 0.44 0.31 0.14 0.34 0.2 0.23 0.45 0.31 0.13 0.45 0.31 0.13 0.48 0.37 0.14 0.48 0.39 0.15 0.33 0.16 0.23 0.32 0.12	30.8 59.9 5.0 88. 130.1 200.7 20.9 232 18.4 49.3 2.9 80. 108.9 205.9 19.1 234 119.8 197.3 20.0 232 119.4 175.0 18.6 217 108.4 200.5 18.6 216 18.2 66.3 3.1 88. 112.7 178.1 18.5 229	.8 16.7 1.4 6 2.2 57.7 7.1 22 .1 9.0 0.8 4 4.5 46.3 7.4 18 2.4 54.2 7.2 20 7.3 61.2 8.1 22 5.5 58.3 8.0 20 .5 8.8 0.87 4 3.4 53.0 7.0 19	.4 2.5 31.0 2.3 8.3 63.1 .2 2.0 28.9 3.7 7.8 62.0 0.5 8.2 61.5 1.1 8.6 57.6 0.1 6.8 60.3 .5 2.1 31.7 0.8 8.5 59.6	8.5 10.9 31.1 23.4 8.7 9.2 29.1 22.5 37.0 23.8 41.9 21.9 23.2 23.2 7.9 10.1 53.1 21.4	16.5 3.5 18.2 36.3 7.7 40.5 13.4 2.7 15.2 36.6 8.0 40.6 37.4 8.0 42.4 31.8 7.4 37.2 40.7 8.1 42.8 16.3 2.9 17.6 29.9 7.5 36.2	6.8 1.3 6.0 12.1 2.7 11.8 6.0 1.0 5.1 11.7 3.3 11.3 12.4 3.3 12.0 11.5 3.1 11.1 11.6 3.0 11.7 6.4 0.95 5.5 11.5 3.3 11.0	1.2 4.7 3.5 10.9 3.8 11.2 3.9 9.8	4.6 149.1 70.1 9.0 349.2 179.0 4.1 125.1 56.9 8.9 352.2 188.6 10.0 329.1 176.6 9.8 329.5 172.9 8.0 348.5 203.0 4.0 135.5 62.5 10.0 331.8 169.5	34.6 69.7 102.2 199.3 26.4 58.1 107.2 213.9 95.4 207.4 102.1 197.1 109.3 215.7 27.2 63.6	287.0 45.8 153.6 135.8 12.0 58.6 296.1 60.6 157.8 273.0 52.1 145.6 267.1 52.4 152.4 279.4 47.9 150.9 139.8 11.0 60.9	13.5 18.5 35.9 44.2 11.7 15.4 33.5 44.1 34.1 41.7 39.3 42.6 31.4 49.7 10.7 16.7	24.2 26.3 58.8 25.6 21.4 25.4 57.3 28.1 62.6 25.1 66.1 23.7 53.7 27.4 21.0 27.0	9.2 20.5 10.5 22.5 3 8.5 19.6 11.0 24.0 3 10.6 21.8 3 10.3 21.6 11.0 24.3 3 8.9 20.5	40.7 2 .0.3 39.0 2 8.3 39.8 2 .1.2 44.0 3 .0.6 38.3 3 9.9 36.0 2 .1.1 42.0 3 8.8 41.2 2	22.3 29.7 22.1 24.8 21.4 33.8 24.9 30.2 21.8 28.5 21.4 31.2 23.5 25.7 22.2	18.8 8.4 19.5 7.4 20.9 8.9 18.7 8.3 17.7 8.3 20.7 8.8 21.0 7.7	10.9 13.2 9.9 14.7 13.1 12.0 15.6 10.9	0.41 0.4 0.4 0.4 0.4 0.4 0.4 0.4
qabu 0.821 2.565 0.051 qabQ 0.863 1.238 0.052 qabB 0.891 2.749 0.039 qAbw 0.872 3.569 0.049 qabb 0.943 3.564 0.04 Qabc 0.827 2.519 0.048 qabb 0.915 2.014 0.053 Qabi 0.810 2.424	0.274	488 0.085 167.6 767.5 1465.6 0. 538 0.123 167.0 750.8 1499.8 0. .83 0.828 77.4 255.7 699.9 0. 927 0.163 157.7 817.4 1578.1 0. 932 0.957 74.5 278.5 696.0 0 772 0.02 150.2 745.2 1519.7 0. 511 0.255 156.0 774.6 1593.0 0. 634 0.157 163.2 705.0 152.2	0.47 0.32 0.12 0.48 0.34 0.12 0.49 0.39 0.12 0.31 0.09 0.21 0.47 0.31 0.13 0.3 0.06 0.23 0.48 0.35 0.11 0.48 0.37 0.13 0.44 0.31 0.13	112.7 178.1 18.5 229 111.4 191.9 17.7 230 107.4 191.9 17.6 219 17.5 65.3 3.5 99. 117.9 214.7 19.5 250 13.4 89.4 3.4 105 111.2 169.8 17.7 220 119.2 193.6 19.8 223 118.9 161.4 18.8 215	0.2 51.9 7.1 20	9.8 8.5 59.6 9.2 8.0 58.5 9.4 7.5 57.5 .5 2.7 34.2 9.4 7.9 65.0 1.2 2.7 36.4 1.3 8.0 58.8 1.3 8.0 58.8 1.6 8.1 57.4	53.1 21.4 40.0 22.7 38.7 22.6 10.1 11.7 33.8 20.8 7.6 10.5 48.6 21.0 34.0 22.1 37.3 24.1	36.1 7.8 42.7 37.3 7.8 41.9 15.9 3.5 17.3 35.8 7.1 40.8 17.1 3.2 17.7 29.8 7.3 36.9 34.0 7.8 38.1 32.7 3.2	11.5 3.3 11.0 12.3 3.3 11.6 11.7 3.3 11.7 7.6 1.4 6.1 11.0 2.9 10.9 6.4 0.91 5.3 11.6 3.5 11.2 11.5 3.2 11.2 13.1 3.9 12.0	3.6 9.1 4.0 10.7 3.6 11.0 1.2 5.2 3.4 10.6 1.1 5.5 3.9 9.1 3.3 10.1	10.0 331.8 169.5 10.1 312.9 176.2 9.8 322.8 188.2 4.4 173.6 70.1 8.4 342.0 199.6 4.1 172.7 72.8 10.1 323.1 168.4 8.8 359.2 189.8 10.3 336.3 167.6	107.0 204.9 98.0 220.2 101.8 220.4 37.2 68.5 104.9 236.9 37.5 71.8 105.7 213.5 112.8 209.0 103.7 194.5	266.6 54.6 145.1 264.1 58.2 150.6 177.9 17.0 74.0 285.1 55.3 156.1 176.1 12.0 72.5 279.5 69.4 157.4 298.4 59.9 163.4 286.9 64.1	36.8 41.1 34.5 44.1 13.2 18.3 34.4 47.3 11.3 19.4 41.4 39.3 36.0 45.6	63.9 24.9 63.3 25.1 24.0 29.3 62.6 26.1 25.0 31.9 70.0 24.3 63.2 26.0	10.7 22.8 1 10.7 22.8 1 9.1 21.3 1 10.7 23.3 1 9.8 24.1 1 10.6 22.7 1 10.7 22.9 1	30.5 3 30.9 37.7 3 31.0 38.3 3 8.7 43.7 2 11.0 39.8 3 9.4 49.2 3 10.8 37.1 3 10.5 39.6 3	22.5 30.7 22.1 31.1 22.5 27.7 23.8 31.7 22.6 30.4 25.5 31.8 22.1 31.2 23.4	18.4 8.4 19.6 8.6 21.4 7.8 19.4 8.6 22.8 8.3 18.3 8.4 19.8 8.6	12.9 13.5 10.6 13.8 11.8 12.1 13.4	0.4 0.4 0.4 0.4 0.4 0.39 0.39
qAbn 0.817 1.472 0.051 qabo 0.928 1.374 0.056 Qabx 0.809 3.537 0.054 Qabv 0.91 2.153 0.051 qabs 0.904 1.509 0.04	0.267 -4.366 31. 0.237 0.674 36. 0.295 0.93 36 0.178 0.772 36. 0.165 -1.88 34 0.194 -1.119 34. 0.153 4.545 40. 0.276 -4.495 31. 0.277 -1.508 34.	772 0.161 160.4 775.4 1534.3 0. .12 0.399 159.3 787.7 1640.0 0. 881 0.262 162.9 802.7 1559.6 0.	0.31 0.13 0.33 0.12 0.21 0.26 0.03 0.25 0.49 0.39 0.12 0.48 0.39 0.14 0.45 0.33 0.13 0.5 0.38 0.13 0.3 0.14 0.23 0.48 0.33 0.12	118.9 161.4 18.8 215 18.4 62.5 3.4 94. 9.5 53.4 2.7 75. 115.9 187.0 18.6 225 121.0 201.2 19.8 222 128.8 190.0 21.0 237 124.6 215.6 20.5 250 14.2 40.4 2.6 62. 117.8 203.4 19.4 237	2.7 66.6 8.9 22 7.6 64.1 8.5 22 0.3 66.3 8.6 22	3.6 8.1 57.4 .5 2.7 33.5 .4 2.4 29.4 1.4 8.4 57.9 2.9 8.0 60.6 2.0 7.9 61.9 2.2 9.2 65.6 .7 1.8 23.5 0.7 8.7 61.8	10.7 11.2	33.9 8.0 40.4	13.1 3.9 12.0 7.2 1.3 5.9 6.4 0.87 5.0 12.0 3.3 11.5 11.3 3.0 11.2 12.4 3.5 11.6 11.0 2.8 10.8 6.5 1.0 5.1 12.6 3.5 12.0	4.2 9.9 1.4 5.3 0.87 4.7 3.8 10.4 3.6 10.9 3.5 10.4 3.6 11.3 0.95 4.2 3.8 10.9	10.3 336.3 167.6 4.6 157.0 67.1 3.9 149.7 59.2 9.8 331.0 186.3 8.3 376.0 206.9 9.6 352.9 178.6 8.1 369.9 216.4 3.7 134.1 54.3 9.4 346.7 188.8	103.7 194.5 32.1 66.6 29.9 56.5 105.0 217.9 115.7 220.7 106.6 211.8 112.6 262.1 27.2 51.7 108.5 221.8	286.9 64.1 152.1 162.5 15.3 69.3 156.5 9.6 57.9 273.5 59.3 156.6 300.6 54.4 165.2 294.6 59.6 155.4 296.8 54.3 162.3 141.2 11.1 58.2 294.2 57.1 158.8	40.0 44.1 36.2 50.8 38.4 43.5 36.2 53.5 10.4 13.8	66.9 24.9 24.7 26.9 20.3 32.1 67.4 24.1 56.9 26.2 64.2 24.6 65.4 26.1 19.4 28.0 65.9 26.4	10.7 22.2 8.8 20.2 9.2 22.9 10.5 22.1 10.6 23.3 10.5 21.8 10.8 23.2 8.8 20.5 10.9 23.6	8.5 40.9 8.8 47.9 0.4 35.6 39.7 2 1.0.3 37.3 2.1.2 39.7 39.7 3 39.7 3 40.5 3	25.9 22.1 27.3 24.6 30.4 21.5 29.3 22.8 29.7 21.7 30.6 22.6 25.7 23.1	19.1 8.4 20.1 7.5 23.5 7.9 18.6 8.3 19.5 8.6 19.2 8.4 18.9 8.6 21.8 7.6 19.6 8.8	10.2 10.5 13.0 13.7 13.0 14.7 10.1	0.39 0.39 0.39 0.39 0.38 0.38
qabD 0.833 2.103 0.056 qaBw 0.948 2.11 0.056 qabp 0.921 2.134 0.063 qaBp 0.851 1.405 0.055 Qabh 0.81 2.516 0.054	0.277 -1.508 34. 0.216 -3.007 32. 0.23 -0.949 35. 0.212 -3.521 32. 0.23 2.131 38. 0.189 0.194 36. 0.158 4.435 40. 0.162 -3.931 32. 0.238 -0.094 35.	993 0.231 165.6 772.9 1561.5 0. 051 0.288 167.1 798.1 1679.9 0. 479 0.446 166.5 791.4 1651.3 0. 131 0.212 172.4 782.2 1577.8 0. 194 0.256 166.3 813.0 1567.3 0. 435 0.008 163.7 816.1 1638.8	0.47 0.37 0.12 0.48 0.38 0.13 0.46 0.38 0.15 0.48 0.39 0.12 0.48 0.37 0.13 0.5 0.4 0.12 0.47 0.35 0.12 0.48 0.35 0.12	117.8 203.4 19.4 237 123.6 180.6 19.6 220 121.4 204.5 21.0 234 132.9 196.4 22.0 215 120.1 193.4 19.3 228 127.9 196.8 20.7 233 120.0 204.0 19.5 240 122.3 195.6 20.3 236 118.9 213.2 20.0 244	37.1 7.7 20 0.8 64.7 8.9 22 1.4 62.8 8.3 22 3.5 71.2 9.2 22 3.1 65.7 8.5 22 3.0 68.2 8.9 22 3.8 65.8 8.6 22 3.9 59.0 8.4 20 4.7 56.5 8.3 23	2.0 8.4 59.5 2.8 8.3 60.3 1.9 8.2 61.6 0.9 8.9 61.4	39.1 23.6 39.3 23.9 25.9 23.4 23.7 24.5 29.4 23.4 37.8 23.3 37.2 21.8 40.6 21.7 30.7 22.7	36.9 8.2 42.2 34.4 8.0 40.3 37.7 8.2 42.3 37.0 8.4 39.5 38.4 8.1 43.5 36.1 7.9 41.3 36.5 7.4 42.4 31.4 7.7 36.9 37.8 8.0 42.6	12.6 3.5 12.0 12.5 3.5 12.2 11.9 3.0 11.5 12.5 3.2 12.0 12.1 3.1 12.2 12.3 3.2 11.6 11.4 3.1 11.3 11.5 3.4 10.9 11.5 3.2 11.6	4.0 11.6 3.7 10.7 3.4 10.9	9.4 348.7 188.8 10.4 348.3 180.9 7.9 382.5 206.2 8.2 394.9 194.5 9.6 344.4 196.0 10.1 348.3 187.4 9.4 351.1 211.5 8.6 368.4 187.6 8.3 382.3 213.5	108.5 221.8 108.6 210.7 120.4 237.7 119.4 200.1 107.5 234.5 106.7 221.7 108.8 247.3 121.5 217.8 122.6 252.6	294.2 57.1 158.8 284.6 61.1 163.9 314.0 56.3 165.5 322.9 54.6 166.2 278.9 55.1 158.2 286.9 58.3 157.0 286.2 60.0 165.9 316.6 74.7 172.4 320.9 65.4 170.0	40.7 42.4 34.9 51.1 36.4 48.9 39.6 46.6 37.1 44.4 36.4 49.1 40.8 45.4	66.0 24.5	10.7 22.5 10.9 23.9 10.6 23.6 10.7 22.2 10.5 21.7 10.7 22.4	10.9 40.5 10.5 36.8 11.1 42.4 10.2 40.7 10.9 37.5 10.5 36.6 10.8 37.5 10.6 40.8 11.5 44.6 3 10.5 36.6 3 37.5 3 37.5 3 37.5 3 37.5 3 37.5 3 37.5 3 37.5 40.8 37.5 3 37.5 44.6 37.5	29.6 22.3 32.1 24.0 29.6 23.0 31.0 21.8 29.6 21.6 31.4 22.3 32.9 23.9 33.6 24.4	18.7 8.4 20.6 8.7 19.7 8.5 18.9 8.4 18.5 8.4 19.5 8.5 19.8 8.7 20.3	12.4 14.4 13.5 14.3 12.9 13.8 13.6	0.38 0.37 0.37 0.37 0.37 0.37 0.37
qAbo 0.943 2.802 0.052 qAbo 0.865 2.145 0.053 qabi 0.866 2.571 0.064 qAbe 0.864 1.713 0.064 qabG 0.848 3.031 0.057 Qabt 0.946 1.48 0.059 qabe 0.942 3.354 0.049 qabf 0.903 3.603 0.059	0.238 -0.094 35. 0.172 -0.182 35. 0.231 -3.597 32. 0.252 -0.755 35. 0.23 -2.963 33. 0.165 4.767 40. 0.175 -3.051 32. 0.296 -1.504 34. 0.172 -0.469 35.	906 0.074 167.3 817.0 1737.8 0. 818 0.221 163.8 825.0 1661.9 0. 403 0.366 176.5 813.9 1663.9 0. 245 0.38 180.4 798.4 1628.2 0. 037 0.18 171.8 812.7 1663.4 0. 767 0.259 169.2 840.9 1813.5 0. 949 0.024 160.4 849.0 1833.3 0. 496 0.174 181.5 815.2 1664.6 0. 531 0.539 169.8 877.3 1688.7 0.	.46 0.37 0.13 .48 0.39 0.14 .46 0.35 0.12 .49 0.4 0.15 .48 0.34 0.09	118.9 213.2 20.0 244 128.7 199.0 21.0 237 139.2 189.8 22.6 225 130.7 193.9 21.1 219 131.2 190.4 21.8 236 131.4 219.3 22.2 234 120.5 216.7 20.6 258 127.4 204.4 21.2 232 149.7 213.6 25.5 233	7.3 69.7 8.6 23	3.3 9.1 62.1 5.0 9.2 61.0 4.2 8.5 60.6 3.6 9.1 61.8 4.5 8.4 66.5 2.1 9.8 65.2	37.6 21.7 3 31.2 25.6	37.8 8.0 42.6 35.3 7.9 40.7 37.1 8.8 42.6 39.6 8.6 44.0 35.5 8.5 42.7 40.4 8.1 42.2 34.0 8.0 41.4 40.3 9.0 44.5 37.7 8.1 40.6	12.1 3.1 11.7 13.7 3.7 12.7 13.2 3.3 13.0 13.0 3.8 12.6 11.6 2.7 11.6 11.7 3.7 11.2 13.5 3.7 12.7 13.0 3.2 12.2	3.7 11.6 3.7 10.9 4.2 11.6 3.9 12.2 4.0 10.9 3.5 12.4 4.0 10.2 3.8 11.9 3.7 12.0	8.3 382.3 213.5 9.1 368.3 200.9 9.5 387.9 190.6 9.5 379.3 197.2 9.9 368.5 189.3 7.0 415.4 240.5 8.8 392.9 210.9 9.6 375.8 201.1 9.0 406.1 198.8	122.6 252.6 114.9 234.9 116.1 212.3 112.9 210.8 116.2 228.6 129.5 248.8 128.3 273.6 117.4 225.6 111.6 202.7	301.1 58.9 167.5	39.9 48.5 43.8 46.5 37.7 49.0 41.0 45.4 37.8 59.0 43.8 49.9 36.1 48.1	69.8 24.7 63.2 25.5 58.7 25.8 67.5 25.5 55.4 27.4 67.0 28.0	11.3 24.8 1 10.7 22.5 1 10.6 22.1 1 10.6 22.9 1 10.7 22.6 1 10.9 24.2 1 11.2 24.3 1 11.1 23.7 1 10.5 22.6 1	1.1.5 44.6 3.0.6 38.3 3.0.1 38.7 2.0.5 38.7 3.0.7 39.3 3.1.1 42.3 3.1.5 43.6 3.1.0 40.9 3.0.1 40.1 2 2 3 3 4 3 3 3 4 3	30.8 22.2 29.5 22.1 30.8 22.4 31.4 22.5 32.1 23.4 32.9 25.1 32.9 23.6	19.1 8.5 19.1 8.4 19.6 8.5 19.1 8.5 20.4 8.8 19.9 9.0 20.1 8.7	13.6 13.0 13.1 13.4 15.9 14.8 15.0	0.36 0.35 0.35 0.35 0.35 0.35 0.35
qAbp 0.922 2.695 0.061 qaBh 0.834 3.32 0.053 qAbg 0.884 3.786 0.055 qAbk 0.93 2.931 0.057 qAbm 0.921 2.218 0.054	0.236 0.751 36. 0.192 1.589 37. 0.158 -4.486 31. 0.263 -2.566 33. 0.209 -3.518 32.	751 0.284 179.9 858.3 1766.3 0.589 0.05 177.3 896.8 1761.6 0.514 0.094 165.2 863.4 1827.9 0.434 0.065 179.2 846.0 1801.0 0.482 0.02 171.4 837.4 1819.8 0.5	.47 0.37 0.14 .49 0.35 0.1 .46 0.34 0.11 .48 0.36 0.11 .49 0.38 0.1 .47 0.37 0.13	149.7 213.6 25.5 233 8.5 27.4 1.9 42. 138.0 218.7 22.7 237 140.8 217.7 22.5 258 141.4 203.1 23.9 248 128.2 212.9 21.8 245 128.6 202.4 21.1 243 145.2 215.8 24.5 238 139.5 230.1 24.1 251	3.1 70.1 10.2 23 3.7 78.4 10.4 25	7.6 8.8 1.6 17.9 5.3 8.9 65.6 4.4 9.2 65.1 5.1 9.6 64.2 3.6 9.2 64.4 3.9 9.4 61.7 5.9 9.8 64.2 5.4 9.5 69.5	5.8 9.3 28.3 25.1 47.0 24.1 35.1 24.0 33.3 25.0 37.2 23.9 36.4 26.2	11.9 2.6 12.0 41.3 8.5 44.3 38.2 8.2 45.4 33.5 8.5 40.2 39.4 8.9 45.0 35.7 8.5 44.1 39.3 9.2 42.6	13.0 3.2 12.2 6.5 0.83 4.7 13.0 3.4 12.6 12.8 3.6 12.3 13.2 3.8 12.1 13.0 3.7 12.7 12.6 4.1 12.3 14.0 3.7 12.6 13.5 3.2 12.9	3.7 12.0 0.95 3.7 3.8 12.6 4.1 11.2 4.0 10.2 3.9 11.8 4.0 10.7 4.1 11.7 4.1 13.0	3.6 126.8 48.5 8.5 409.6 220.3 11.1 379.5 210.4 9.5 409.3 200.9 9.0 402.6 216.8 9.1 398.3 208.0 9.3 438.7 221.0 8.8 411.5 225.9	23.0 44.1 123.2 231.8 118.4 265.9 131.7 244.7 126.5 249.5 128.8 260.1 137.6 233.2	134.1 8.1 48.8 331.9 61.7 176.9 317.8 69.8 176.1 350.2 78.9 185.8 335.3 70.4 182.5 336.2 77.7 185.8 372.4 70.0 184.2	9.2 11.4 38.3 53.1 41.7 48.3 45.7 47.3 40.7 51.0 43.3 48.7 43.4 52.7	16.9 28.9 59.7 27.5 74.4 25.4 71.7 26.2 65.2 27.9 72.0 26.8 67.9 27.5	10.5 22.6 3.4 1.3 24.2 1.1.1 24.2 1.1.2 24.3	8.1 42.6 2 0.9 41.6 3 1.2 38.5 3 0.8 39.4 3 1.5 42.9 3 1.3 41.6 3 0.8 42.3 3 1.4 42.3 3	23.9 22.2 31.6 23.6 31.3 22.8 32.3 23.4 33.5 24.8 32.0 24.6 32.4 24.1	20.4 7.2 20.4 8.8 19.2 8.5 19.5 8.6 20.7 8.9 20.2 8.9 20.0 8.8	9.3 14.5 13.2 14.1 15.2 15.0 14.3	0.35 0.33 0.33 0.33 0.33 0.33
qabf 0.933 3.013 0.064 qAbh 0.91 3.457 0.062 qAbq 0.949 2.468 0.062 qabp 0.805 2.948 0.062 qabU 0.852 2.169 0.064 qabl 0.909 3.909 0.061 qabb 0.936 2.932 0.059 qabf 0.823 2.937 0.063 qabP 0.823 2.937 0.063 qaby 0.925 2.532 0.064 qaby 0.925 2.532 0.064 qabt 0.928 2.743 0.063 qabq 0.928 2.743 0.063 qabq 0.875 4.0 0.05	0.228 0.338 36. 0.245 0.831 36. 0.16 -2.236 33. 0.242 -3.904 32. 0.174 -0.938 35. 0.243 0.856 36. 0.16 -0.309 35. 0.153 2.050	419 0.175 186.6 889.9 1810.6 0. 338 0.224 182.4 872.0 1904.8 0. 831 0.147 193.4 883.8 1760.7 0. 764 0.268 186.1 896.4 1915.2 0. 096 0.115 183.8 899.2 1900.3 0. 062 0.235 179.9 914.3 1954.3 0. 856 0.036 204.7 883.8 1888.5 0. 691 0.202 195.0 956.0 1973.2 0. 958 0.168 191.0 988.1 2023.4 0.	.49 0.38 0.14 .48 0.37 0.12 .48 0.4 0.13 .47 0.34 0.12 .48 0.38 0.13 .52 0.42 0.09 .49 0.38 0.11	138.6 224.0 23.7 243 148.9 208.7 23.5 246 152.6 209.6 24.8 243 143.7 221.2 24.9 258 147.7 227.3 24.9 254 137.2 203.0 22.4 254 161.3 219.0 26.5 262	3.5 73.8 10.2 25 5.0 77.8 10.1 25 3.4 88.5 11.4 26 3.5 72.0 10.1 25 4.4 82.2 9.8 26	5.3 8.7 66.6 5.9 9.5 63.8 3.1 10.1 63.8 5.4 9.9 66.6 5.5 9.5 67.8 5.7 10.3 61.6 0.0 10.5 66.3	27.4 26.0 4 39.1 27.5 4 32.7 26.7 3 36.2 26.1 3 32.5 25.3 4 44.3 27.7 4 44.9 27.4 4 32.1 26.0	42.3 8.9 47.1 42.4 9.1 45.4 41.5 9.2 48.1 39.9 9.2 45.7 39.6 9.4 45.7 40.7 8.8 45.3 42.9 9.6 54.1 41.1 9.1 49.6 42.3 8.9 48.0	13.5 3.2 12.9 12.9 3.5 12.4 14.3 3.8 13.6 14.3 3.7 13.3 14.3 3.7 13.1 13.2 3.4 12.4 14.6 4.3 14.2 14.6 3.9 14.0 13.7 3.9 13.3	3.5 12.8 4.5 12.3 4.3 12.0 4.1 11.7	8.8 411.5 225.9 7.7 440.8 239.2 11.4 396.9 208.2 10.1 441.3 226.8 9.4 432.0 218.2 8.6 445.5 243.0 11.7 408.5 226.3 11.2 446.3 230.3 9.6 458.0 244.7	138.1 255.6 121.7 244.7 135.4 255.2 136.2 254.2 138.0 275.3	358.3 70.6 190.8 369.1 72.1 189.2	37.9 57.1 41.7 48.7 3 46.3 53.4 45.0 50.8 2 38.4 57.7 46.4 52.2 45.0 55.4	70.9 25.4 69.9 28.0 69.2 27.6 75.6 25.4 73.8 25.2	10.7 22.4 11.2 24.2 11.0 23.8 11.1 22.4 10.8 22.4	1.1 44.4 3 .0.9 38.2 3 .0.6 37.6 3 .1.2 42.5 3 .1.3 42.0 3 .1.3 37.4 3 .1.0 37.7 3	33.5 24.9 30.5 22.4 30.3 22.0 33.7 24.4 32.2 24.0 30.5 22.6 30.8 21.8 30.6 22.7	20.1 8.9 21.4 8.9 18.5 8.5 19.2 8.5 20.4 8.8 20.4 9.0 18.3 8.5 18.5 8.5 19.6 8.6	15.8 15.7 13.5 13.7 14.9 15.2 13.7 12.7 15.3	0.32 0.32 0.32 0.31 0.31 0.3 0.29 0.28
Qabk 0.866 3.524 0.062 Qabi 0.895 2.111 0.063 Qaby 0.925 2.532 0.064 QabT 0.88 3.102 0.065 Qabq 0.928 2.743 0.063 Qpzaa 0.875 4.0 0.05	0.153 3.958 39. 0.189 1.898 37. 0.151 4.101 40. 0.151 -0.235 35. 0.164 -2.017 33. 0.25 0.0 36.	958 0.168 191.0 988.1 2023.4 0. 898 0.102 198.2 950.4 2070.5 0. 101 0.115 196.4 994.3 2180.8 0. 765 0.139 204.4 1019.9 2206.0 0 983 0.024 203.4 1004.5 2294.6 0. 5.0 nan nan 676.8 1358.0 0.	0.51 0.4 0.12 0.5 0.39 0.11 0.52 0.4 0.09	166.9 240.2 27.2 270 152.0 230.0 25.6 262 164.0 242.8 26.9 273 173.6 237.8 28.2 275 165.2 238.4 27.6 285 97.7 169.2 16.5 209	90.2 90.0 12.7 30 90.4 11.8 29 8.5 94.3 12.8 30 6.7 99.9 13.9 33 6.1 92.7 14.9 33 9.5 42.5 6.1 10	0.4 10.9 72.0 0.0 10.8 68.0 0.4 10.8 73.4 2.0 11.8 70.9 1.7 11.6 69.7 5.8 7.1 56.2	29.8 27.8 41.1 28.8 32.8 28.3	44.7 9.2 49.6 44.2 9.7 51.7 44.2 9.8 52.7	13.7 3.9 13.3 14.4 4.0 13.7 14.0 3.6 13.3 15.2 4.2 14.2 14.7 4.8 14.2 nan nan nan	4.5 13.1 4.4 13.6 4.7 13.2 4.8 13.2	9.6 458.0 244.7 9.8 460.3 256.1 8.8 494.0 270.3 10.9 505.1 261.2 9.4 508.5 268.1 nan 305.6 149.3	140.2 284.7 143.1 295.8 148.6 314.7 153.2 307.9 158.7 340.4 96.2 189.2	373.6 74.9 202.3 379.2 78.6 202.3 402.2 79.8 210.6 413.2 85.8 214.5 423.4 104.8 225.7 258.2 50.6 140.9	50.2 59.2 49.1 66.4 49.5 61.8 53.0 62.6	76.2 26.9 71.6 27.1 79.2 26.7	11.2 23.9 11.2 23.5 11.2 24.5	39.9 3 1.2 40.7 3 1.5 41.8 3 1.0 40.0 3 1.15 42.8 3 nan nan n	30.6 23.1 32.0 23.3 32.0 23.7 32.1 23.0 33.0 24.3 nan nan	20.0 8.7 20.1 8.9 19.2 8.7 20.5 8.8	15.3 15.0 15.9 14.2 15.8	0.28 0.27 0.27 0.26 0.26