

<b>Alpha helix Ala</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.16474	Mean	-2.49422	Mean	2.709761	Mean	-0.28045	Mean	0.644657	Mean	1.32342
Standard Error	0.01646	Standard Error	0.093422	Standard Error	0.092653	Standard Error	0.00916	Standard Error	0.21102	Standard Error	0.07235
Median	-0.17	Median	-2.4	Median	2.5	Median	-0.23	Median	-0.9	Median	1.4
Mode	-0.13	Mode	-3.3	Mode	2.5	Mode	-0.14	Mode	-0.7	Mode	1
Std Dev	0.54079	Std Dev	2.958685	Std Dev	2.875216	Std Dev	0.3007	Std Dev	6.29179	Std Dev	1.72437
Variance	0.29245	Variance	8.753819	Variance	8.266869	Variance	0.09042	Variance	39.58662	Variance	2.97344
Kurtosis	1.03607	Kurtosis	3.683631	Kurtosis	80.37928	Kurtosis	6.17691	Kurtosis	22.65977	Kurtosis	1.41311
Skewness	0.27786	Skewness	-0.71502	Skewness	-3.26991	Skewness	-1.27176	Skewness	4.279785	Skewness	-0.94992
Range	4.46	Range	25.8	Range	60.7	Range	3.6	Range	55.5	Range	11.3
Minimum	-1.9	Minimum	-17.6	Minimum	-44.6	Minimum	-2.35	Minimum	-5.3	Minimum	-6.2
Maximum	2.56	Maximum	8.2	Maximum	16.1	Maximum	1.25	Maximum	50.2	Maximum	5.1
Count	1080	Count	1003	Count	963	Count	1077	Count	889	Count	568
<b>Alpha helix Cys (Red)</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.27651	Mean	-0.6125	Mean	4.114	Mean	-0.2344	Mean	-1.806818	Mean	2.79615
Standard Error	0.04826	Standard Error	0.356435	Standard Error	0.374275	Standard Error	0.05049	Standard Error	0.305091	Standard Error	0.30777
Median	-0.22	Median	-1.05	Median	4.95	Median	-0.275	Median	-1.4	Median	2.7
Mode	0	Mode	-1.4	Mode	6.5	Mode	-0.21	Mode	-0.9	Mode	2.7
Std Dev	0.58914	Std Dev	2.851482	Std Dev	2.646523	Std Dev	0.61832	Std Dev	2.023743	Std Dev	1.56933
Variance	0.34709	Variance	8.130952	Variance	7.004086	Variance	0.38232	Variance	4.095534	Variance	2.46278
Kurtosis	1.45882	Kurtosis	-0.79074	Kurtosis	1.853383	Kurtosis	8.06181	Kurtosis	10.724	Kurtosis	-0.96473
Skewness	-0.57394	Skewness	0.050493	Skewness	-1.37153	Skewness	0.92704	Skewness	-3.066746	Skewness	0.01495
Range	3.72	Range	11.6	Range	11.7	Range	5.51	Range	10.9	Range	5.2
Minimum	-2.17	Minimum	-6.7	Minimum	-3.7	Minimum	-2.76	Minimum	-10.4	Minimum	0
Maximum	1.55	Maximum	4.9	Maximum	8	Maximum	2.75	Maximum	0.5	Maximum	5.2
Count	149	Count	64	Count	50	Count	150	Count	44	Count	26
<b>Alpha helix Cys (Oxd)</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.33205	Mean	-0.61429	Mean	3.479487	Mean	-0.46325	Mean	-4.104878	Mean	2.07857
Standard Error	0.07946	Standard Error	0.65436	Standard Error	0.569302	Standard Error	0.09246	Standard Error	1.003165	Standard Error	0.35282
Median	-0.44	Median	-0.3	Median	3.5	Median	-0.435	Median	-4.6	Median	1.65
Mode	-0.51	Mode	-4	Mode	3.9	Mode	-0.79	Mode	-7.3	Mode	1
Std Dev	0.49623	Std Dev	3.871247	Std Dev	3.555291	Std Dev	0.58477	Std Dev	6.423393	Std Dev	1.86694
Variance	0.24624	Variance	14.98655	Variance	12.64009	Variance	0.34195	Variance	41.25998	Variance	3.48545
Kurtosis	0.83088	Kurtosis	-0.37992	Kurtosis	-0.59202	Kurtosis	1.84513	Kurtosis	5.866913	Kurtosis	0.42071
Skewness	-0.37187	Skewness	0.012103	Skewness	0.504601	Skewness	-1.07652	Skewness	1.693827	Skewness	0.40567
Range	2.42	Range	16.2	Range	13.6	Range	2.7	Range	34.7	Range	8.1
Minimum	-1.85	Minimum	-8.9	Minimum	-1.9	Minimum	-2.2	Minimum	-12.3	Minimum	-2.1
Maximum	0.57	Maximum	7.3	Maximum	11.7	Maximum	0.5	Maximum	22.4	Maximum	6
Count	39	Count	35	Count	39	Count	40	Count	41	Count	28

<b>Alpha helix Asp</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.05105	Mean	-0.87534	Mean	2.920802	Mean	-0.30245	Mean	-1.235593	Mean	1.75774
Standard Error	0.02587	Standard Error	0.155277	Standard Error	0.111986	Standard Error	0.01251	Standard Error	0.241461	Standard Error	0.09702
Median	-0.01	Median	-0.8	Median	3	Median	-0.27	Median	-1	Median	2.1
Mode	0	Mode	0.3	Mode	2.8	Mode	-0.21	Mode	-0.6	Mode	1.4
Std Dev	0.57509	Std Dev	3.249698	Std Dev	2.23692	Std Dev	0.2767	Std Dev	4.543055	Std Dev	1.49989
Variance	0.33073	Variance	10.56053	Variance	5.003812	Variance	0.07656	Variance	20.63935	Variance	2.24968
Kurtosis	1.9936	Kurtosis	2.467301	Kurtosis	8.208773	Kurtosis	3.9802	Kurtosis	20.80367	Kurtosis	7.1092
Skewness	0.10143	Skewness	-0.19506	Skewness	0.08123	Skewness	-0.77918	Skewness	2.940828	Skewness	-1.95774
Range	4.5	Range	27.9	Range	20.8	Range	2.52	Range	41.8	Range	11.4
Minimum	-1.86	Minimum	-16	Minimum	-8.2	Minimum	-1.76	Minimum	-13.8	Minimum	-6.8
Maximum	2.64	Maximum	11.9	Maximum	12.6	Maximum	0.76	Maximum	28	Maximum	4.6
Count	494	Count	438	Count	399	Count	489	Count	354	Count	239
<b>Alpha helix Glu</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.20076	Mean	-0.63419	Mean	2.413012	Mean	-0.33785	Mean	0.017269	Mean	1.70194
Standard Error	0.01765	Standard Error	0.092832	Standard Error	0.061654	Standard Error	0.0079	Standard Error	0.160809	Standard Error	0.0635
Median	-0.26	Median	-0.7	Median	2.5	Median	-0.31	Median	-0.6	Median	2
Mode	-0.57	Mode	0	Mode	2.3	Mode	-0.31	Mode	-0.5	Mode	2.8
Std Dev	0.59363	Std Dev	3.008099	Std Dev	1.926135	Std Dev	0.26527	Std Dev	4.786606	Std Dev	1.51074
Variance	0.35239	Variance	9.048658	Variance	3.709995	Variance	0.07037	Variance	22.9116	Variance	2.28235
Kurtosis	0.65248	Kurtosis	2.337936	Kurtosis	11.88998	Kurtosis	15.5874	Kurtosis	35.46453	Kurtosis	3.22184
Skewness	0.40431	Skewness	-0.0433	Skewness	-0.58496	Skewness	-1.6917	Skewness	5.073285	Skewness	-1.43936
Range	4.7	Range	29.8	Range	24.5	Range	3.92	Range	54.4	Range	9.5
Minimum	-2.08	Minimum	-15.5	Minimum	-13.6	Minimum	-2.79	Minimum	-13.4	Minimum	-4.8
Maximum	2.62	Maximum	14.3	Maximum	10.9	Maximum	1.13	Maximum	41	Maximum	4.7
Count	1131	Count	1050	Count	976	Count	1127	Count	886	Count	566
<b>Alpha helix Phe</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.05838	Mean	-0.68973	Mean	2.879597	Mean	-0.54597	Mean	-0.728997	Mean	1.1349
Standard Error	0.02742	Standard Error	0.147341	Standard Error	0.110172	Standard Error	0.01936	Standard Error	0.177524	Standard Error	0.0923
Median	0	Median	-0.6	Median	3.3	Median	-0.52	Median	-0.5	Median	1.1
Mode	0.11	Mode	-1.3	Mode	3.8	Mode	-0.65	Mode	-0.4	Mode	0.8
Std Dev	0.58232	Std Dev	3.083619	Std Dev	2.195165	Std Dev	0.41261	Std Dev	3.410127	Std Dev	1.47387
Variance	0.3391	Variance	9.508704	Variance	4.818749	Variance	0.17025	Variance	11.62897	Variance	2.17228
Kurtosis	0.14863	Kurtosis	0.721251	Kurtosis	9.950517	Kurtosis	0.24829	Kurtosis	41.71227	Kurtosis	1.02974
Skewness	-0.48822	Skewness	-0.41541	Skewness	-1.9018	Skewness	-0.22062	Skewness	4.000559	Skewness	-0.54098
Range	3.2	Range	22.3	Range	23.6	Range	2.4	Range	43.7	Range	9.2
Minimum	-1.9	Minimum	-13.6	Minimum	-14.2	Minimum	-1.88	Minimum	-12.3	Minimum	-4.5
Maximum	1.3	Maximum	8.7	Maximum	9.4	Maximum	0.52	Maximum	31.4	Maximum	4.7
Count	451	Count	438	Count	397	Count	454	Count	369	Count	255

<b>Alpha helix Gly</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>			
Mean	-0.04555	Mean	0.711923	Mean	3.802008	Mean	-0.11209		Mean	1.38916	
Standard Error	0.03245	Standard Error	0.318389	Standard Error	0.309684	Standard Error	0.02048		Standard Error	0.12238	
Median	-0.095	Median	-1.1	Median	2.3	Median	-0.085		Median	1.1	
Mode	-0.27	Mode	-1.5	Mode	2.9	Mode	-0.27		Mode	1.4	
Std Dev	0.55442	Std Dev	5.133873	Std Dev	4.886737	Std Dev	0.33523		Std Dev	1.57673	
Variance	0.30738	Variance	26.35665	Variance	23.8802	Variance	0.11238		Variance	2.48606	
Kurtosis	1.76503	Kurtosis	0.933142	Kurtosis	4.06703	Kurtosis	5.47701		Kurtosis	0.01543	
Skewness	0.33994	Skewness	1.268895	Skewness	2.175753	Skewness	-1.49126		Skewness	0.56683	
Range	4.38	Range	26.4	Range	27.5	Range	2.52		Range	7.5	
Minimum	-2.17	Minimum	-8	Minimum	-1	Minimum	-1.86		Minimum	-2	
Maximum	2.21	Maximum	18.4	Maximum	26.5	Maximum	0.66		Maximum	5.5	
Count	292	Count	260	Count	249	Count	268		Count	166	
<b>Alpha helix His</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>			
Mean	-0.44598	Mean	-0.1257	Mean	3.857143	Mean	-0.52084	Mean	1.032117	Mean	3.03596
Standard Error	0.0394	Standard Error	0.264248	Standard Error	0.202227	Standard Error	0.03312	Standard Error	0.438376	Standard Error	0.16862
Median	-0.41	Median	0.4	Median	4	Median	-0.44	Median	0.3	Median	3
Mode	-0.41	Mode	0.4	Mode	4.4	Mode	-0.29	Mode	-0.1	Mode	3.8
Std Dev	0.56955	Std Dev	3.535392	Std Dev	2.565972	Std Dev	0.47187	Std Dev	5.131061	Std Dev	1.59076
Variance	0.32439	Variance	12.499	Variance	6.584214	Variance	0.22267	Variance	26.32778	Variance	2.53051
Kurtosis	0.54896	Kurtosis	3.143164	Kurtosis	9.93751	Kurtosis	6.12951	Kurtosis	22.34266	Kurtosis	0.50797
Skewness	-0.25492	Skewness	-1.15855	Skewness	-0.91729	Skewness	-0.63279	Skewness	2.985512	Skewness	-0.5291
Range	3.05	Range	22.8	Range	23.5	Range	4.43	Range	52.8	Range	7.9
Minimum	-2.23	Minimum	-14.7	Minimum	-10.6	Minimum	-2.54	Minimum	-13.9	Minimum	-1.3
Maximum	0.82	Maximum	8.1	Maximum	12.9	Maximum	1.89	Maximum	38.9	Maximum	6.6
Count	209	Count	179	Count	161	Count	203	Count	137	Count	89
<b>Alpha helix Ile</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>			
Mean	0.02244	Mean	0.021321	Mean	2.665415	Mean	-0.43486	Mean	-1.197826	Mean	1.15898
Standard Error	0.02292	Standard Error	0.137212	Standard Error	0.12812	Standard Error	0.0144	Standard Error	0.198167	Standard Error	0.08763
Median	0.05	Median	0.3	Median	3.6	Median	-0.44	Median	-1.05	Median	1.2
Mode	-0.12	Mode	-0.7	Mode	3.9	Mode	-0.31	Mode	-1	Mode	1.9
Std Dev	0.55717	Std Dev	3.158859	Std Dev	2.881984	Std Dev	0.349	Std Dev	4.250203	Std Dev	1.50518
Variance	0.31043	Variance	9.978391	Variance	8.305831	Variance	0.1218	Variance	18.06422	Variance	2.26556
Kurtosis	5.8011	Kurtosis	2.77933	Kurtosis	4.776669	Kurtosis	3.16265	Kurtosis	32.78964	Kurtosis	3.86574
Skewness	-0.67769	Skewness	-0.42335	Skewness	-1.8904	Skewness	-0.14201	Skewness	4.487324	Skewness	-0.95958
Range	6.56	Range	25	Range	21.6	Range	3.18	Range	48.8	Range	11.9
Minimum	-4.25	Minimum	-14.5	Minimum	-15.4	Minimum	-2.54	Minimum	-18.5	Minimum	-6.4
Maximum	2.31	Maximum	10.5	Maximum	6.2	Maximum	0.64	Maximum	30.3	Maximum	5.5
Count	591	Count	530	Count	506	Count	587	Count	460	Count	295

<b>Alpha helix Lys</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.26914	Mean	-0.96457	Mean	2.728834	Mean	-0.34957	Mean	-0.556863	Mean	1.48543
Standard Error	0.01955	Standard Error	0.121124	Standard Error	0.082082	Standard Error	0.012	Standard Error	0.207064	Standard Error	0.09888
Median	-0.33	Median	-0.9	Median	2.9	Median	-0.31	Median	-0.9	Median	1.8
Mode	-0.43	Mode	-1.4	Mode	3.3	Mode	-0.33	Mode	-0.8	Mode	2.8
Std Dev	0.5659	Std Dev	3.236523	Std Dev	2.095903	Std Dev	0.34759	Std Dev	5.122484	Std Dev	1.86823
Variance	0.32025	Variance	10.47508	Variance	4.392808	Variance	0.12082	Variance	26.23984	Variance	3.49029
Kurtosis	0.28918	Kurtosis	4.044031	Kurtosis	7.204388	Kurtosis	7.84584	Kurtosis	28.36895	Kurtosis	2.32445
Skewness	0.24015	Skewness	-0.61682	Skewness	-0.65214	Skewness	-1.69569	Skewness	4.282335	Skewness	-1.22655
Range	4.01	Range	31.4	Range	21.9	Range	3.51	Range	54.8	Range	11.6
Minimum	-2.11	Minimum	-19.5	Minimum	-9.8	Minimum	-2.56	Minimum	-18.9	Minimum	-6.5
Maximum	1.9	Maximum	11.9	Maximum	12.1	Maximum	0.95	Maximum	35.9	Maximum	5.1
Count	838	Count	714	Count	652	Count	839	Count	612	Count	357
<b>Alpha helix Leu</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.07611	Mean	-2.03069	Mean	2.555255	Mean	-0.36091	Mean	-1.120609	Mean	0.66447
Standard Error	0.01572	Standard Error	0.092816	Standard Error	0.068162	Standard Error	0.00959	Standard Error	0.151365	Standard Error	0.05953
Median	-0.05	Median	-1.9	Median	2.7	Median	-0.32	Median	-0.9	Median	0.9
Mode	0.21	Mode	-1.6	Mode	2.9	Mode	-0.2	Mode	-0.4	Mode	1
Std Dev	0.53086	Std Dev	2.98313	Std Dev	2.113024	Std Dev	0.32118	Std Dev	4.423376	Std Dev	1.39103
Variance	0.28181	Variance	8.899067	Variance	4.464871	Variance	0.10316	Variance	19.56626	Variance	1.93496
Kurtosis	0.37545	Kurtosis	3.539983	Kurtosis	9.042095	Kurtosis	3.20794	Kurtosis	21.15202	Kurtosis	2.33228
Skewness	-0.1993	Skewness	-0.52027	Skewness	0.888899	Skewness	-0.89797	Skewness	2.858683	Skewness	-0.93738
Range	4.05	Range	28.4	Range	21.3	Range	3.13	Range	45.7	Range	10.4
Minimum	-2.15	Minimum	-19.4	Minimum	-8.3	Minimum	-2.03	Minimum	-17	Minimum	-6.3
Maximum	1.9	Maximum	9	Maximum	13	Maximum	1.1	Maximum	28.7	Maximum	4.1
Count	1141	Count	1033	Count	961	Count	1121	Count	854	Count	546
<b>Alpha helix Met</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.23045	Mean	-1.08307	Mean	2.688926	Mean	-0.41345	Mean	-0.760985	Mean	1.55824
Standard Error	0.02617	Standard Error	0.160694	Standard Error	0.128297	Standard Error	0.01914	Standard Error	0.157391	Standard Error	0.10593
Median	-0.25	Median	-1	Median	2.9	Median	-0.39	Median	-0.7	Median	1.9
Mode	-0.26	Mode	-1.8	Mode	4	Mode	-0.26	Mode	-0.1	Mode	2.2
Std Dev	0.48033	Std Dev	2.870096	Std Dev	2.214745	Std Dev	0.35401	Std Dev	2.557304	Std Dev	1.42903
Variance	0.23072	Variance	8.237448	Variance	4.905096	Variance	0.12533	Variance	6.539803	Variance	2.04211
Kurtosis	1.57556	Kurtosis	2.866451	Kurtosis	6.573824	Kurtosis	5.84536	Kurtosis	10.82769	Kurtosis	2.04756
Skewness	-0.41125	Skewness	-0.60676	Skewness	-0.77155	Skewness	-1.2929	Skewness	-0.525684	Skewness	-1.13007
Range	3.53	Range	23.4	Range	21.6	Range	3.1	Range	25.4	Range	8.9
Minimum	-2.48	Minimum	-16.6	Minimum	-10.4	Minimum	-2.73	Minimum	-15.7	Minimum	-3.7
Maximum	1.05	Maximum	6.8	Maximum	11.2	Maximum	0.37	Maximum	9.7	Maximum	5.2
Count	337	Count	319	Count	298	Count	342	Count	264	Count	182

<b>Alpha helix Asn</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.19451	Mean	-0.74906	Mean	3.034677	Mean	-0.314	Mean	-1.385281	Mean	1.83636
Standard Error	0.02814	Standard Error	0.191542	Standard Error	0.14719	Standard Error	0.01548	Standard Error	0.260404	Standard Error	0.13008
Median	-0.16	Median	-0.8	Median	2.9	Median	-0.29	Median	-1	Median	1.9
Mode	-0.16	Mode	-0.9	Mode	2.9	Mode	-0.26	Mode	-1.2	Mode	1.7
Std Dev	0.4923	Std Dev	3.129815	Std Dev	2.317948	Std Dev	0.27254	Std Dev	3.957805	Std Dev	1.55557
Variance	0.24236	Variance	9.795742	Variance	5.372882	Variance	0.07428	Variance	15.66422	Variance	2.4198
Kurtosis	0.6605	Kurtosis	0.462688	Kurtosis	4.142348	Kurtosis	0.91258	Kurtosis	23.40321	Kurtosis	-0.04934
Skewness	-0.48676	Skewness	-0.31549	Skewness	1.253033	Skewness	-0.11127	Skewness	2.439549	Skewness	-0.3264
Range	3.13	Range	18.1	Range	18	Range	1.79	Range	41.8	Range	7.4
Minimum	-2.05	Minimum	-10.5	Minimum	-4.5	Minimum	-1.21	Minimum	-12.3	Minimum	-2
Maximum	1.08	Maximum	7.6	Maximum	13.5	Maximum	0.58	Maximum	29.5	Maximum	5.4
Count	306	Count	267	Count	248	Count	310	Count	231	Count	143
<b>Alpha helix Gln</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.24452	Mean	-1.26081	Mean	2.924213	Mean	-0.34438	Mean	-0.199737	Mean	2.02581
Standard Error	0.02367	Standard Error	0.137487	Standard Error	0.096919	Standard Error	0.01222	Standard Error	0.208713	Standard Error	0.09551
Median	-0.285	Median	-1.25	Median	3	Median	-0.32	Median	-1	Median	2.2
Mode	-0.45	Mode	-2.1	Mode	3.1	Mode	-0.2	Mode	-1	Mode	2
Std Dev	0.53139	Std Dev	2.897036	Std Dev	1.969622	Std Dev	0.27319	Std Dev	4.068571	Std Dev	1.50416
Variance	0.28238	Variance	8.392817	Variance	3.879412	Variance	0.07463	Variance	16.55327	Variance	2.26249
Kurtosis	0.81229	Kurtosis	4.05229	Kurtosis	9.355996	Kurtosis	2.84783	Kurtosis	46.07803	Kurtosis	5.04773
Skewness	-0.03469	Skewness	0.108971	Skewness	0.258246	Skewness	-0.26438	Skewness	5.607092	Skewness	-1.61716
Range	4.04	Range	30.8	Range	21.9	Range	2.75	Range	50.5	Range	10.6
Minimum	-2.78	Minimum	-17.4	Minimum	-10.6	Minimum	-1.69	Minimum	-11.5	Minimum	-5.6
Maximum	1.26	Maximum	13.4	Maximum	11.3	Maximum	1.06	Maximum	39	Maximum	5
Count	504	Count	444	Count	413	Count	500	Count	380	Count	248
<b>Alpha helix Arg</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.10904	Mean	-1.18214	Mean	3.331614	Mean	-0.38315	Mean	-0.455919	Mean	1.89272
Standard Error	0.02158	Standard Error	0.138069	Standard Error	0.096409	Standard Error	0.01472	Standard Error	0.23772	Standard Error	0.1057
Median	-0.15	Median	-1.3	Median	3.4	Median	-0.365	Median	-0.9	Median	2
Mode	-0.05	Mode	-1.7	Mode	2.9	Mode	-0.19	Mode	-0.8	Mode	1.6
Std Dev	0.49683	Std Dev	2.95803	Std Dev	2.036026	Std Dev	0.33558	Std Dev	4.736544	Std Dev	1.70767
Variance	0.24684	Variance	8.749942	Variance	4.145403	Variance	0.11261	Variance	22.43484	Variance	2.91614
Kurtosis	0.29999	Kurtosis	1.464521	Kurtosis	5.638959	Kurtosis	9.16893	Kurtosis	37.17681	Kurtosis	4.33442
Skewness	0.12559	Skewness	0.344531	Skewness	0.209958	Skewness	-1.30706	Skewness	4.767906	Skewness	-1.38454
Range	3.49	Range	23.4	Range	20.6	Range	4.01	Range	53.5	Range	11.7
Minimum	-1.84	Minimum	-11.7	Minimum	-9	Minimum	-3	Minimum	-15.1	Minimum	-6.5
Maximum	1.65	Maximum	11.7	Maximum	11.6	Maximum	1.01	Maximum	38.4	Maximum	5.2
Count	530	Count	459	Count	446	Count	520	Count	397	Count	261

<b>Alpha helix Ser</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.09722	Mean	0.444179	Mean	2.450799	Mean	-0.29195	Mean	-0.96125	Mean	1.73333
Standard Error	0.02404	Standard Error	0.199002	Standard Error	0.128066	Standard Error	0.01336	Standard Error	0.091041	Standard Error	0.12897
Median	-0.17	Median	0	Median	2.9	Median	-0.27	Median	-0.9	Median	1.8
Mode	-0.17	Mode	-1.4	Mode	3.2	Mode	-0.29	Mode	-0.8	Mode	0.2
Std Dev	0.47607	Std Dev	3.642327	Std Dev	2.265716	Std Dev	0.26379	Std Dev	1.410406	Std Dev	1.81483
Variance	0.22664	Variance	13.26655	Variance	5.133469	Variance	0.06959	Variance	1.989245	Variance	3.2936
Kurtosis	0.17875	Kurtosis	0.608011	Kurtosis	6.880015	Kurtosis	1.48407	Kurtosis	5.533223	Kurtosis	0.13515
Skewness	0.44332	Skewness	0.539764	Skewness	-1.04831	Skewness	-0.21735	Skewness	1.134732	Skewness	0.11589
Range	2.84	Range	23.8	Range	22.4	Range	1.94	Range	10.5	Range	9.8
Minimum	-1.36	Minimum	-10.4	Minimum	-12.2	Minimum	-1.29	Minimum	-4.8	Minimum	-3.4
Maximum	1.48	Maximum	13.4	Maximum	10.2	Maximum	0.65	Maximum	5.7	Maximum	6.4
Count	392	Count	335	Count	313	Count	390	Count	240	Count	198
<b>Alpha helix Thr</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.09857	Mean	2.372283	Mean	2.879118	Mean	-0.37052	Mean	-1.541085	Mean	1.76462
Standard Error	0.02573	Standard Error	0.242681	Standard Error	0.196704	Standard Error	0.0157	Standard Error	0.085448	Standard Error	0.10117
Median	-0.1	Median	2.6	Median	4.2	Median	-0.38	Median	-1.4	Median	1.7
Mode	-0.2	Mode	1.2	Mode	5.3	Mode	-0.37	Mode	-1.4	Mode	1.7
Std Dev	0.51397	Std Dev	4.655435	Std Dev	3.627046	Std Dev	0.31669	Std Dev	1.372499	Std Dev	1.41269
Variance	0.26417	Variance	21.67307	Variance	13.15546	Variance	0.10029	Variance	1.883753	Variance	1.9957
Kurtosis	2.95913	Kurtosis	0.901782	Kurtosis	3.260246	Kurtosis	1.75522	Kurtosis	7.999984	Kurtosis	0.09144
Skewness	0.66775	Skewness	-0.23619	Skewness	-1.67639	Skewness	0.19483	Skewness	-1.684503	Skewness	0.21543
Range	4.63	Range	28.8	Range	24.1	Range	2.37	Range	11.8	Range	7.1
Minimum	-1.75	Minimum	-10.7	Minimum	-16.7	Minimum	-1.5	Minimum	-9.3	Minimum	-1.8
Maximum	2.88	Maximum	18.1	Maximum	7.4	Maximum	0.87	Maximum	2.5	Maximum	5.3
Count	399	Count	368	Count	340	Count	407	Count	258	Count	195
<b>Alpha helix Val</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.0341	Mean	0.263967	Mean	2.793918	Mean	-0.47742	Mean	-1.041602	Mean	1.51171
Standard Error	0.02295	Standard Error	0.139166	Standard Error	0.148271	Standard Error	0.01581	Standard Error	0.188563	Standard Error	0.07737
Median	0.01	Median	0.4	Median	4	Median	-0.52	Median	-1.4	Median	1.6
Mode	0.15	Mode	-0.2	Mode	4.8	Mode	-0.53	Mode	-1.3	Mode	1.4
Std Dev	0.59412	Std Dev	3.423031	Std Dev	3.505602	Std Dev	0.41087	Std Dev	4.266693	Std Dev	1.41187
Variance	0.35298	Variance	11.71714	Variance	12.28925	Variance	0.16882	Variance	18.20467	Variance	1.99339
Kurtosis	0.78014	Kurtosis	4.318923	Kurtosis	8.803712	Kurtosis	2.6965	Kurtosis	43.04152	Kurtosis	0.72504
Skewness	-0.46437	Skewness	-0.53103	Skewness	-2.65213	Skewness	0.45232	Skewness	5.595074	Skewness	-0.46915
Range	4.32	Range	33.4	Range	26.5	Range	4.15	Range	51.9	Range	8.5
Minimum	-2.36	Minimum	-16.1	Minimum	-19.9	Minimum	-2.56	Minimum	-15.2	Minimum	-3.2
Maximum	1.96	Maximum	17.3	Maximum	6.6	Maximum	1.59	Maximum	36.7	Maximum	5.3
Count	670	Count	605	Count	559	Count	675	Count	512	Count	333

<b>Alpha helix Trp</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.04716	Mean	-0.65347	Mean	2.558242	Mean	-0.41218	Mean	0.932927	Mean	1.67091
Standard Error	0.05643	Standard Error	0.322863	Standard Error	0.21722	Standard Error	0.04889	Standard Error	0.875966	Standard Error	0.21244
Median	-0.01	Median	-0.3	Median	2.8	Median	-0.36	Median	-0.7	Median	1.6
Mode	-0.01	Mode	-0.2	Mode	4	Mode	-0.16	Mode	-0.7	Mode	1.6
Std Dev	0.6078	Std Dev	3.244736	Std Dev	2.072147	Std Dev	0.51279	Std Dev	7.932214	Std Dev	1.57547
Variance	0.36942	Variance	10.52831	Variance	4.293792	Variance	0.26295	Variance	62.92001	Variance	2.4821
Kurtosis	0.05509	Kurtosis	0.855246	Kurtosis	1.066744	Kurtosis	2.23641	Kurtosis	16.2352	Kurtosis	-0.25178
Skewness	-0.54753	Skewness	0.006167	Skewness	-0.14197	Skewness	-0.18701	Skewness	3.81203	Skewness	0.13187
Range	2.89	Range	18.2	Range	12.1	Range	3.39	Range	53.2	Range	7.3
Minimum	-1.78	Minimum	-8.6	Minimum	-2.6	Minimum	-2.38	Minimum	-12.7	Minimum	-1.5
Maximum	1.11	Maximum	9.6	Maximum	9.5	Maximum	1.01	Maximum	40.5	Maximum	5.8
Count	116	Count	101	Count	91	Count	110	Count	82	Count	55
<b>Alpha helix Tyr</b>											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	-0.0016	Mean	-0.77992	Mean	2.72931	Mean	-0.45865	Mean	-0.103302	Mean	1.30282
Standard Error	0.03541	Standard Error	0.206037	Standard Error	0.121948	Standard Error	0.0228	Standard Error	0.203324	Standard Error	0.12969
Median	0.01	Median	-0.6	Median	3.1	Median	-0.41	Median	0.2	Median	1.4
Mode	0.16	Mode	0.4	Mode	2.9	Mode	-0.48	Mode	-0.1	Mode	2.6
Std Dev	0.6062	Std Dev	3.251203	Std Dev	1.857453	Std Dev	0.39294	Std Dev	2.96044	Std Dev	1.54539
Variance	0.36748	Variance	10.57032	Variance	3.450133	Variance	0.1544	Variance	8.764207	Variance	2.38822
Kurtosis	-0.37099	Kurtosis	0.31811	Kurtosis	0.940352	Kurtosis	2.82529	Kurtosis	19.71159	Kurtosis	0.19237
Skewness	0.18468	Skewness	0.055908	Skewness	-0.39872	Skewness	-0.83164	Skewness	1.242964	Skewness	-0.25722
Range	3.15	Range	19.1	Range	11.4	Range	3.11	Range	33.1	Range	8.6
Minimum	-1.51	Minimum	-9.4	Minimum	-2.5	Minimum	-2.17	Minimum	-9.8	Minimum	-3.5
Maximum	1.64	Maximum	9.7	Maximum	8.9	Maximum	0.94	Maximum	23.3	Maximum	5.1
Count	293	Count	249	Count	232	Count	297	Count	212	Count	142