

<b>Alpha helix Ala</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.07526	Mean	121.306	Mean	55.20976	Mean	4.03955	Mean	19.7447	Mean	179.1234
Standard Error	0.01646	Standard Error	0.09342	Standard Error	0.092653	Standard Error	0.00916	Standard Error	0.21102	Standard Error	0.072353
Median	8.07	Median	121.4	Median	55	Median	4.09	Median	18.2	Median	179.2
Mode	8.11	Mode	120.5	Mode	55	Mode	4.18	Mode	18.4	Mode	178.8
Std Dev	0.54079	Std Dev	2.95869	Std Dev	2.875216	Std Dev	0.3007	Std Dev	6.29179	Std Dev	1.724366
Variance	0.29245	Variance	8.75382	Variance	8.266869	Variance	0.09042	Variance	39.5866	Variance	2.973437
Kurtosis	1.03607	Kurtosis	3.68363	Kurtosis	80.37928	Kurtosis	6.17691	Kurtosis	22.6598	Kurtosis	1.413114
Skewness	0.27786	Skewness	-0.71502	Skewness	-3.26991	Skewness	-1.27176	Skewness	4.27978	Skewness	-0.94992
Range	4.46	Range	25.8	Range	60.7	Range	3.6	Range	55.5	Range	11.3
Minimum	6.34	Minimum	106.2	Minimum	7.9	Minimum	1.97	Minimum	13.8	Minimum	171.6
Maximum	10.8	Maximum	132	Maximum	68.6	Maximum	5.57	Maximum	69.3	Maximum	182.9
Count	1080	Count	1003	Count	963	Count	1077	Count	889	Count	568
<b>Alpha helix Cys (Red)</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.15349	Mean	117.988	Mean	62.314	Mean	4.3156	Mean	26.1932	Mean	177.3962
Standard Error	0.04826	Standard Error	0.35644	Standard Error	0.374275	Standard Error	0.05049	Standard Error	0.30509	Standard Error	0.30777
Median	8.21	Median	117.55	Median	63.15	Median	4.275	Median	26.6	Median	177.3
Mode	8.43	Mode	117.2	Mode	64.7	Mode	4.34	Mode	27.1	Mode	177.3
Std Dev	0.58914	Std Dev	2.85148	Std Dev	2.646523	Std Dev	0.61832	Std Dev	2.02374	Std Dev	1.569326
Variance	0.34709	Variance	8.13095	Variance	7.004086	Variance	0.38232	Variance	4.09553	Variance	2.462785
Kurtosis	1.45882	Kurtosis	-0.79074	Kurtosis	1.853383	Kurtosis	8.06181	Kurtosis	10.724	Kurtosis	-0.96473
Skewness	-0.57394	Skewness	0.05049	Skewness	-1.37153	Skewness	0.92704	Skewness	-3.06675	Skewness	0.01495
Range	3.72	Range	11.6	Range	11.7	Range	5.51	Range	10.9	Range	5.2
Minimum	6.26	Minimum	111.9	Minimum	54.5	Minimum	1.79	Minimum	17.6	Minimum	174.6
Maximum	9.98	Maximum	123.5	Maximum	66.2	Maximum	7.3	Maximum	28.5	Maximum	179.8
Count	149	Count	64	Count	50	Count	150	Count	44	Count	26
<b>Alpha helix Cys (Oxd)</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.09795	Mean	117.986	Mean	58.87949	Mean	4.24675	Mean	36.9951	Mean	176.6786
Standard Error	0.07946	Standard Error	0.65436	Standard Error	0.569302	Standard Error	0.09246	Standard Error	1.00317	Standard Error	0.352818
Median	7.99	Median	118.3	Median	58.9	Median	4.275	Median	36.5	Median	176.25
Mode	7.92	Mode	114.6	Mode	59.3	Mode	3.92	Mode	33.8	Mode	175.6
Std Dev	0.49623	Std Dev	3.87125	Std Dev	3.555291	Std Dev	0.58477	Std Dev	6.42339	Std Dev	1.866936
Variance	0.24624	Variance	14.9866	Variance	12.64009	Variance	0.34195	Variance	41.26	Variance	3.48545
Kurtosis	0.83088	Kurtosis	-0.37992	Kurtosis	-0.59202	Kurtosis	1.84513	Kurtosis	5.86691	Kurtosis	0.42071
Skewness	-0.37187	Skewness	0.0121	Skewness	0.504601	Skewness	-1.07652	Skewness	1.69383	Skewness	0.40567
Range	2.42	Range	16.2	Range	13.6	Range	2.7	Range	34.7	Range	8.1
Minimum	6.58	Minimum	109.7	Minimum	53.5	Minimum	2.51	Minimum	28.8	Minimum	172.5
Maximum	9	Maximum	125.9	Maximum	67.1	Maximum	5.21	Maximum	63.5	Maximum	180.6
Count	39	Count	35	Count	39	Count	40	Count	41	Count	28

<b>Alpha helix Asp</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.28895	Mean	119.525	Mean	57.1208	Mean	4.33755	Mean	39.3746	Mean	178.0577
Standard Error	0.02587	Standard Error	0.15528	Standard Error	0.111986	Standard Error	0.01251	Standard Error	0.29215	Standard Error	0.09702
Median	8.33	Median	119.6	Median	57.2	Median	4.37	Median	40	Median	178.4
Mode	8.34	Mode	120.7	Mode	57	Mode	4.43	Mode	40.5	Mode	177.7
Std Dev	0.57509	Std Dev	3.2497	Std Dev	2.23692	Std Dev	0.2767	Std Dev	5.55851	Std Dev	1.499892
Variance	0.33073	Variance	10.5605	Variance	5.003812	Variance	0.07656	Variance	30.897	Variance	2.249677
Kurtosis	1.9936	Kurtosis	2.4673	Kurtosis	8.208773	Kurtosis	3.9802	Kurtosis	13.3775	Kurtosis	7.109199
Skewness	0.10143	Skewness	-0.19506	Skewness	0.08123	Skewness	-0.77918	Skewness	0.39659	Skewness	-1.95774
Range	4.5	Range	27.9	Range	20.8	Range	2.52	Range	54.6	Range	11.4
Minimum	6.48	Minimum	104.4	Minimum	46	Minimum	2.88	Minimum	14.5	Minimum	169.5
Maximum	10.98	Maximum	132.3	Maximum	66.8	Maximum	5.4	Maximum	69.1	Maximum	180.9
Count	494	Count	438	Count	399	Count	489	Count	362	Count	239
<b>Alpha helix Glu</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.21924	Mean	119.566	Mean	59.01301	Mean	4.01215	Mean	29.9173	Mean	178.3019
Standard Error	0.01765	Standard Error	0.09283	Standard Error	0.061654	Standard Error	0.0079	Standard Error	0.16081	Standard Error	0.063501
Median	8.16	Median	119.5	Median	59.1	Median	4.04	Median	29.3	Median	178.6
Mode	7.85	Mode	120.2	Mode	58.9	Mode	4.04	Mode	29.4	Mode	179.4
Std Dev	0.59363	Std Dev	3.0081	Std Dev	1.926135	Std Dev	0.26527	Std Dev	4.78661	Std Dev	1.510745
Variance	0.35239	Variance	9.04866	Variance	3.709995	Variance	0.07037	Variance	22.9116	Variance	2.28235
Kurtosis	0.65248	Kurtosis	2.33794	Kurtosis	11.88998	Kurtosis	15.5874	Kurtosis	35.4645	Kurtosis	3.221836
Skewness	0.40431	Skewness	-0.0433	Skewness	-0.58496	Skewness	-1.6917	Skewness	5.07329	Skewness	-1.43936
Range	4.7	Range	29.8	Range	24.5	Range	3.92	Range	54.4	Range	9.5
Minimum	6.34	Minimum	104.7	Minimum	43	Minimum	1.56	Minimum	16.5	Minimum	171.8
Maximum	11.04	Maximum	134.5	Maximum	67.5	Maximum	5.48	Maximum	70.9	Maximum	181.3
Count	1131	Count	1050	Count	976	Count	1127	Count	886	Count	566
<b>Alpha helix Phe</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.24162	Mean	119.61	Mean	60.5796	Mean	4.07403	Mean	38.7024	Mean	176.9349
Standard Error	0.02742	Standard Error	0.14734	Standard Error	0.110172	Standard Error	0.01936	Standard Error	0.20112	Standard Error	0.092297
Median	8.3	Median	119.7	Median	61	Median	4.1	Median	39.1	Median	176.9
Mode	8.41	Mode	119	Mode	61.5	Mode	3.97	Mode	39.2	Mode	176.6
Std Dev	0.58232	Std Dev	3.08362	Std Dev	2.195165	Std Dev	0.41261	Std Dev	3.87914	Std Dev	1.473866
Variance	0.3391	Variance	9.5087	Variance	4.818749	Variance	0.17025	Variance	15.0477	Variance	2.172281
Kurtosis	0.14863	Kurtosis	0.72125	Kurtosis	9.950517	Kurtosis	0.24829	Kurtosis	30.754	Kurtosis	1.029743
Skewness	-0.48822	Skewness	-0.41541	Skewness	-1.9018	Skewness	-0.22062	Skewness	1.54639	Skewness	-0.54098
Range	3.2	Range	22.3	Range	23.6	Range	2.4	Range	54	Range	9.2
Minimum	6.4	Minimum	106.7	Minimum	43.5	Minimum	2.74	Minimum	17	Minimum	171.3
Maximum	9.6	Maximum	129	Maximum	67.1	Maximum	5.14	Maximum	71	Maximum	180.5
Count	451	Count	438	Count	397	Count	454	Count	372	Count	255

<b>Alpha helix Gly</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>			
Mean	8.28445	Mean	109.512	Mean	48.90201	Mean	3.84791		Mean	175.5204	
Standard Error	0.03245	Standard Error	0.31839	Standard Error	0.309684	Standard Error	0.02048		Standard Error	0.778361	
Median	8.235	Median	107.7	Median	47.4	Median	3.875		Median	176	
Mode	8.06	Mode	107.3	Mode	48	Mode	3.69		Mode	176.3	
Std Dev	0.55442	Std Dev	5.13387	Std Dev	4.886737	Std Dev	0.33523		Std Dev	10.05864	
Variance	0.30738	Variance	26.3567	Variance	23.8802	Variance	0.11238		Variance	101.1763	
Kurtosis	1.76503	Kurtosis	0.93314	Kurtosis	4.06703	Kurtosis	5.47701		Kurtosis	158.7981	
Skewness	0.33994	Skewness	1.2689	Skewness	2.175753	Skewness	-1.49126		Skewness	-12.4445	
Range	4.38	Range	26.4	Range	27.5	Range	2.52		Range	132.5	
Minimum	6.16	Minimum	100.8	Minimum	44.1	Minimum	2.1		Minimum	47.9	
Maximum	10.54	Maximum	127.2	Maximum	71.6	Maximum	4.62		Maximum	180.4	
Count	292	Count	260	Count	249	Count	268		Count	167	
<b>Alpha helix His</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>			
Mean	7.97402	Mean	118.074	Mean	58.51914	Mean	4.20916	Mean	30.0321	Mean	177.136
Standard Error	0.0394	Standard Error	0.26425	Standard Error	0.393242	Standard Error	0.03312	Standard Error	0.43838	Standard Error	0.16862
Median	8.01	Median	118.6	Median	59	Median	4.29	Median	29.3	Median	177.1
Mode	8.01	Mode	118.6	Mode	59.4	Mode	4.44	Mode	28.9	Mode	177.9
Std Dev	0.56955	Std Dev	3.53539	Std Dev	5.005159	Std Dev	0.47187	Std Dev	5.13106	Std Dev	1.590758
Variance	0.32439	Variance	12.499	Variance	25.05162	Variance	0.22267	Variance	26.3278	Variance	2.530511
Kurtosis	0.54896	Kurtosis	3.14316	Kurtosis	87.90229	Kurtosis	6.12951	Kurtosis	22.3427	Kurtosis	0.507969
Skewness	-0.25492	Skewness	-1.15855	Skewness	-8.15189	Skewness	-0.63279	Skewness	2.98551	Skewness	-0.5291
Range	3.05	Range	22.8	Range	63.8	Range	4.43	Range	52.8	Range	7.9
Minimum	6.19	Minimum	103.5	Minimum	4.1	Minimum	2.19	Minimum	15.1	Minimum	172.8
Maximum	9.24	Maximum	126.3	Maximum	67.9	Maximum	6.62	Maximum	67.9	Maximum	180.7
Count	209	Count	179	Count	162	Count	203	Count	137	Count	89
<b>Alpha helix Ile</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>			
Mean	8.02244	Mean	119.921	Mean	63.76542	Mean	3.73514	Mean	37.391	Mean	177.559
Standard Error	0.02292	Standard Error	0.13721	Standard Error	0.12812	Standard Error	0.0144	Standard Error	0.21744	Standard Error	0.087635
Median	8.05	Median	120.2	Median	64.7	Median	3.73	Median	37.7	Median	177.6
Mode	7.88	Mode	119.2	Mode	65	Mode	3.86	Mode	37.8	Mode	178.3
Std Dev	0.55717	Std Dev	3.15886	Std Dev	2.881984	Std Dev	0.349	Std Dev	4.6889	Std Dev	1.505177
Variance	0.31043	Variance	9.97839	Variance	8.305831	Variance	0.1218	Variance	21.9857	Variance	2.265557
Kurtosis	5.8011	Kurtosis	2.77933	Kurtosis	4.776669	Kurtosis	3.16265	Kurtosis	24.7369	Kurtosis	3.865743
Skewness	-0.67769	Skewness	-0.42335	Skewness	-1.8904	Skewness	-0.14201	Skewness	2.64412	Skewness	-0.95958
Range	6.56	Range	25	Range	21.6	Range	3.18	Range	51.7	Range	11.9
Minimum	3.75	Minimum	105.4	Minimum	45.7	Minimum	1.63	Minimum	17.4	Minimum	170
Maximum	10.31	Maximum	130.4	Maximum	67.3	Maximum	4.81	Maximum	69.1	Maximum	181.9
Count	591	Count	530	Count	506	Count	587	Count	465	Count	295

<b>Alpha helix Lys</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.02086	Mean	119.435	Mean	58.92883	Mean	3.97043	Mean	32.5431	Mean	178.0854
Standard Error	0.01955	Standard Error	0.12112	Standard Error	0.082082	Standard Error	0.012	Standard Error	0.20706	Standard Error	0.098877
Median	7.96	Median	119.5	Median	59.1	Median	4.01	Median	32.2	Median	178.4
Mode	7.86	Mode	119	Mode	59.5	Mode	3.99	Mode	32.3	Mode	179.4
Std Dev	0.5659	Std Dev	3.23652	Std Dev	2.095903	Std Dev	0.34759	Std Dev	5.12248	Std Dev	1.868233
Variance	0.32025	Variance	10.4751	Variance	4.392808	Variance	0.12082	Variance	26.2398	Variance	3.490293
Kurtosis	0.28918	Kurtosis	4.04403	Kurtosis	7.204388	Kurtosis	7.84584	Kurtosis	28.3689	Kurtosis	2.32445
Skewness	0.24015	Skewness	-0.61682	Skewness	-0.65214	Skewness	-1.69569	Skewness	4.28233	Skewness	-1.22655
Range	4.01	Range	31.4	Range	21.9	Range	3.51	Range	54.8	Range	11.6
Minimum	6.18	Minimum	100.9	Minimum	46.4	Minimum	1.76	Minimum	14.2	Minimum	170.1
Maximum	10.19	Maximum	132.3	Maximum	68.3	Maximum	5.27	Maximum	69	Maximum	181.7
Count	838	Count	714	Count	652	Count	839	Count	612	Count	357
<b>Alpha helix Leu</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.08389	Mean	119.769	Mean	57.65525	Mean	3.97909	Mean	40.9559	Mean	178.2645
Standard Error	0.01572	Standard Error	0.09282	Standard Error	0.068162	Standard Error	0.00959	Standard Error	0.17577	Standard Error	0.05953
Median	8.11	Median	119.9	Median	57.8	Median	4.02	Median	41.5	Median	178.5
Mode	8.37	Mode	120.2	Mode	58	Mode	4.14	Mode	42	Mode	178.6
Std Dev	0.53086	Std Dev	2.98313	Std Dev	2.113024	Std Dev	0.32118	Std Dev	5.17245	Std Dev	1.391027
Variance	0.28181	Variance	8.89907	Variance	4.464871	Variance	0.10316	Variance	26.7543	Variance	1.934955
Kurtosis	0.37545	Kurtosis	3.53998	Kurtosis	9.042095	Kurtosis	3.20794	Kurtosis	15.6887	Kurtosis	2.332284
Skewness	-0.1993	Skewness	-0.52027	Skewness	0.888899	Skewness	-0.89797	Skewness	0.67125	Skewness	-0.93738
Range	4.05	Range	28.4	Range	21.3	Range	3.13	Range	54	Range	10.4
Minimum	6.01	Minimum	102.4	Minimum	46.8	Minimum	2.31	Minimum	17.1	Minimum	171.3
Maximum	10.06	Maximum	130.8	Maximum	68.1	Maximum	5.44	Maximum	71.1	Maximum	181.7
Count	1141	Count	1033	Count	961	Count	1121	Count	866	Count	546
<b>Alpha helix Met</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.04955	Mean	118.517	Mean	58.08893	Mean	4.06655	Mean	32.139	Mean	177.8582
Standard Error	0.02617	Standard Error	0.16069	Standard Error	0.128297	Standard Error	0.01914	Standard Error	0.15739	Standard Error	0.105926
Median	8.03	Median	118.6	Median	58.3	Median	4.09	Median	32.2	Median	178.2
Mode	8.02	Mode	117.8	Mode	59.4	Mode	4.22	Mode	32.8	Mode	178.5
Std Dev	0.48033	Std Dev	2.8701	Std Dev	2.214745	Std Dev	0.35401	Std Dev	2.5573	Std Dev	1.429026
Variance	0.23072	Variance	8.23745	Variance	4.905096	Variance	0.12533	Variance	6.5398	Variance	2.042114
Kurtosis	1.57556	Kurtosis	2.86645	Kurtosis	6.573824	Kurtosis	5.84536	Kurtosis	10.8277	Kurtosis	2.047561
Skewness	-0.41125	Skewness	-0.60676	Skewness	-0.77155	Skewness	-1.2929	Skewness	-0.52568	Skewness	-1.13007
Range	3.53	Range	23.4	Range	21.6	Range	3.1	Range	25.4	Range	8.9
Minimum	5.8	Minimum	103	Minimum	45	Minimum	1.75	Minimum	17.2	Minimum	172.6
Maximum	9.33	Maximum	126.4	Maximum	66.6	Maximum	4.85	Maximum	42.6	Maximum	181.5
Count	337	Count	319	Count	298	Count	342	Count	264	Count	182

Alpha helix Asn											
NH		N		Ca		Ha		Cb		CO	
Mean	8.20549	Mean	117.951	Mean	56.13468	Mean	4.426	Mean	37.2692	Mean	177.0364
Standard Error	0.02814	Standard Error	0.19154	Standard Error	0.14719	Standard Error	0.01548	Standard Error	0.29329	Standard Error	0.130083
Median	8.24	Median	117.9	Median	56	Median	4.45	Median	37.85	Median	177.1
Mode	8.24	Mode	117.8	Mode	56	Mode	4.48	Mode	37.7	Mode	176.9
Std Dev	0.4923	Std Dev	3.12981	Std Dev	2.317948	Std Dev	0.27254	Std Dev	4.48648	Std Dev	1.555569
Variance	0.24236	Variance	9.79574	Variance	5.372882	Variance	0.07428	Variance	20.1285	Variance	2.419795
Kurtosis	0.6605	Kurtosis	0.46269	Kurtosis	4.142348	Kurtosis	0.91258	Kurtosis	17.3392	Kurtosis	-0.04934
Skewness	-0.48676	Skewness	-0.31549	Skewness	1.253033	Skewness	-0.11127	Skewness	0.80553	Skewness	-0.3264
Range	3.13	Range	18.1	Range	18	Range	1.79	Range	50.6	Range	7.4
Minimum	6.35	Minimum	108.2	Minimum	48.6	Minimum	3.53	Minimum	17.8	Minimum	173.2
Maximum	9.48	Maximum	126.3	Maximum	66.6	Maximum	5.32	Maximum	68.4	Maximum	180.6
Count	306	Count	267	Count	248	Count	310	Count	234	Count	143
Alpha helix Gln											
NH		N		Ca		Ha		Cb		CO	
Mean	8.07548	Mean	118.539	Mean	58.62421	Mean	3.99562	Mean	29.2003	Mean	178.0258
Standard Error	0.02367	Standard Error	0.13749	Standard Error	0.096919	Standard Error	0.01222	Standard Error	0.20871	Standard Error	0.095514
Median	8.035	Median	118.55	Median	58.7	Median	4.02	Median	28.4	Median	178.2
Mode	7.87	Mode	117.7	Mode	58.8	Mode	4.14	Mode	28.4	Mode	178
Std Dev	0.53139	Std Dev	2.89704	Std Dev	1.969622	Std Dev	0.27319	Std Dev	4.06857	Std Dev	1.504157
Variance	0.28238	Variance	8.39282	Variance	3.879412	Variance	0.07463	Variance	16.5533	Variance	2.262489
Kurtosis	0.81229	Kurtosis	4.05229	Kurtosis	9.355996	Kurtosis	2.84783	Kurtosis	46.078	Kurtosis	5.047726
Skewness	-0.03469	Skewness	0.10897	Skewness	0.258246	Skewness	-0.26438	Skewness	5.60709	Skewness	-1.61716
Range	4.04	Range	30.8	Range	21.9	Range	2.75	Range	50.5	Range	10.6
Minimum	5.54	Minimum	102.4	Minimum	45.1	Minimum	2.65	Minimum	17.9	Minimum	170.4
Maximum	9.58	Maximum	133.2	Maximum	67	Maximum	5.4	Maximum	68.4	Maximum	181
Count	504	Count	444	Count	413	Count	500	Count	380	Count	248
Alpha helix Arg											
NH		N		Ca		Ha		Cb		CO	
Mean	8.12096	Mean	119.318	Mean	59.33161	Mean	3.95685	Mean	30.4441	Mean	178.1927
Standard Error	0.02158	Standard Error	0.13807	Standard Error	0.096409	Standard Error	0.01472	Standard Error	0.23772	Standard Error	0.105702
Median	8.08	Median	119.2	Median	59.4	Median	3.975	Median	30	Median	178.3
Mode	8.18	Mode	118.8	Mode	58.9	Mode	4.15	Mode	30.1	Mode	177.9
Std Dev	0.49683	Std Dev	2.95803	Std Dev	2.036026	Std Dev	0.33558	Std Dev	4.73654	Std Dev	1.707671
Variance	0.24684	Variance	8.74994	Variance	4.145403	Variance	0.11261	Variance	22.4348	Variance	2.916139
Kurtosis	0.29999	Kurtosis	1.46452	Kurtosis	5.638959	Kurtosis	9.16893	Kurtosis	37.1768	Kurtosis	4.334416
Skewness	0.12559	Skewness	0.34453	Skewness	0.209958	Skewness	-1.30706	Skewness	4.76791	Skewness	-1.38454
Range	3.49	Range	23.4	Range	20.6	Range	4.01	Range	53.5	Range	11.7
Minimum	6.39	Minimum	108.8	Minimum	47	Minimum	1.34	Minimum	15.8	Minimum	169.8
Maximum	9.88	Maximum	132.2	Maximum	67.6	Maximum	5.35	Maximum	69.3	Maximum	181.5
Count	530	Count	459	Count	446	Count	520	Count	397	Count	261

<b>Alpha helix Ser</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.21278	Mean	116.144	Mean	60.7508	Mean	4.17805	Mean	58.0331	Mean	176.3333
Standard Error	0.02404	Standard Error	0.199	Standard Error	0.128066	Standard Error	0.01336	Standard Error	0.69213	Standard Error	0.128974
Median	8.14	Median	115.7	Median	61.2	Median	4.2	Median	62.7	Median	176.4
Mode	8.14	Mode	114.3	Mode	61.5	Mode	4.18	Mode	63	Mode	174.8
Std Dev	0.47607	Std Dev	3.64233	Std Dev	2.265716	Std Dev	0.26379	Std Dev	11.6639	Std Dev	1.814829
Variance	0.22664	Variance	13.2665	Variance	5.133469	Variance	0.06959	Variance	136.047	Variance	3.293604
Kurtosis	0.17875	Kurtosis	0.60801	Kurtosis	6.880015	Kurtosis	1.48407	Kurtosis	3.10123	Kurtosis	0.135151
Skewness	0.44332	Skewness	0.53976	Skewness	-1.04831	Skewness	-0.21735	Skewness	-2.11598	Skewness	0.115887
Range	2.84	Range	23.8	Range	22.4	Range	1.94	Range	53.6	Range	9.8
Minimum	6.95	Minimum	105.3	Minimum	46.1	Minimum	3.18	Minimum	15.9	Minimum	171.2
Maximum	9.79	Maximum	129.1	Maximum	68.5	Maximum	5.12	Maximum	69.5	Maximum	181
Count	392	Count	335	Count	313	Count	390	Count	284	Count	198
<b>Alpha helix Thr</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	8.05143	Mean	115.972	Mean	64.67912	Mean	3.97948	Mean	62.5062	Mean	176.4646
Standard Error	0.02573	Standard Error	0.24268	Standard Error	0.196704	Standard Error	0.0157	Standard Error	0.76302	Standard Error	0.101165
Median	8.05	Median	116.2	Median	66	Median	3.97	Median	68.3	Median	176.4
Mode	7.95	Mode	114.8	Mode	67.1	Mode	3.98	Mode	68.4	Mode	176.4
Std Dev	0.51397	Std Dev	4.65543	Std Dev	3.627046	Std Dev	0.31669	Std Dev	13.391	Std Dev	1.412693
Variance	0.26417	Variance	21.6731	Variance	13.15546	Variance	0.10029	Variance	179.319	Variance	1.9957
Kurtosis	2.95913	Kurtosis	0.90178	Kurtosis	3.260246	Kurtosis	1.75522	Kurtosis	2.17799	Kurtosis	0.091441
Skewness	0.66775	Skewness	-0.23619	Skewness	-1.67639	Skewness	0.19483	Skewness	-1.95501	Skewness	0.215431
Range	4.63	Range	28.8	Range	24.1	Range	2.37	Range	54	Range	7.1
Minimum	6.4	Minimum	102.9	Minimum	45.1	Minimum	2.85	Minimum	18.3	Minimum	172.9
Maximum	11.03	Maximum	131.7	Maximum	69.2	Maximum	5.22	Maximum	72.3	Maximum	180
Count	399	Count	368	Count	340	Count	407	Count	308	Count	195
<b>Alpha helix Val</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>		<i>CO</i>	
Mean	7.9959	Mean	119.464	Mean	64.99392	Mean	3.64258	Mean	31.8584	Mean	177.8117
Standard Error	0.02295	Standard Error	0.13917	Standard Error	0.148271	Standard Error	0.01581	Standard Error	0.18856	Standard Error	0.07737
Median	8.04	Median	119.6	Median	66.2	Median	3.6	Median	31.5	Median	177.9
Mode	8.18	Mode	119	Mode	67	Mode	3.59	Mode	31.6	Mode	177.7
Std Dev	0.59412	Std Dev	3.42303	Std Dev	3.505602	Std Dev	0.41087	Std Dev	4.26669	Std Dev	1.411873
Variance	0.35298	Variance	11.7171	Variance	12.28925	Variance	0.16882	Variance	18.2047	Variance	1.993387
Kurtosis	0.78014	Kurtosis	4.31892	Kurtosis	8.803712	Kurtosis	2.6965	Kurtosis	43.0415	Kurtosis	0.725043
Skewness	-0.46437	Skewness	-0.53103	Skewness	-2.65213	Skewness	0.45232	Skewness	5.59507	Skewness	-0.46915
Range	4.32	Range	33.4	Range	26.5	Range	4.15	Range	51.9	Range	8.5
Minimum	5.67	Minimum	103.1	Minimum	42.3	Minimum	1.56	Minimum	17.7	Minimum	173.1
Maximum	9.99	Maximum	136.5	Maximum	68.8	Maximum	5.71	Maximum	69.6	Maximum	181.6
Count	670	Count	605	Count	559	Count	675	Count	512	Count	333

<b>Alpha helix Trp</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>	<i>CO</i>		
Mean	8.20284	Mean	120.647	Mean	60.05824	Mean	4.24782	Mean	30.5329	Mean	177.7709
Standard Error	0.05643	Standard Error	0.32286	Standard Error	0.21722	Standard Error	0.04889	Standard Error	0.87597	Standard Error	0.212436
Median	8.24	Median	121	Median	60.3	Median	4.3	Median	28.9	Median	177.7
Mode	8.24	Mode	121.1	Mode	61.5	Mode	4.5	Mode	28.9	Mode	177.7
Std Dev	0.6078	Std Dev	3.24474	Std Dev	2.072147	Std Dev	0.51279	Std Dev	7.93221	Std Dev	1.575469
Variance	0.36942	Variance	10.5283	Variance	4.293792	Variance	0.26295	Variance	62.92	Variance	2.482101
Kurtosis	0.05509	Kurtosis	0.85525	Kurtosis	1.066744	Kurtosis	2.23641	Kurtosis	16.2352	Kurtosis	-0.25178
Skewness	-0.54753	Skewness	0.00617	Skewness	-0.14197	Skewness	-0.18701	Skewness	3.81203	Skewness	0.131865
Range	2.89	Range	18.2	Range	12.1	Range	3.39	Range	53.2	Range	7.3
Minimum	6.47	Minimum	112.7	Minimum	54.9	Minimum	2.28	Minimum	16.9	Minimum	174.6
Maximum	9.36	Maximum	130.9	Maximum	67	Maximum	5.67	Maximum	70.1	Maximum	181.9
Count	116	Count	101	Count	91	Count	110	Count	82	Count	55
<b>Alpha helix Tyr</b>											
<i>NH</i>		<i>N</i>		<i>Ca</i>		<i>Ha</i>		<i>Cb</i>	<i>CO</i>		
Mean	8.1184	Mean	119.52	Mean	60.62931	Mean	4.09135	Mean	37.5065	Mean	177.2028
Standard Error	0.03541	Standard Error	0.20604	Standard Error	0.121948	Standard Error	0.0228	Standard Error	0.242	Standard Error	0.129686
Median	8.13	Median	119.7	Median	61	Median	4.14	Median	38	Median	177.3
Mode	8.28	Mode	120.7	Mode	60.8	Mode	4.07	Mode	37.7	Mode	178.5
Std Dev	0.6062	Std Dev	3.2512	Std Dev	1.857453	Std Dev	0.39294	Std Dev	3.54017	Std Dev	1.545386
Variance	0.36748	Variance	10.5703	Variance	3.450133	Variance	0.1544	Variance	12.5328	Variance	2.388219
Kurtosis	-0.37099	Kurtosis	0.31811	Kurtosis	0.940352	Kurtosis	2.82529	Kurtosis	18.2974	Kurtosis	0.192372
Skewness	0.18468	Skewness	0.05591	Skewness	-0.39872	Skewness	-0.83164	Skewness	-0.91668	Skewness	-0.25722
Range	3.15	Range	19.1	Range	11.4	Range	3.11	Range	43.8	Range	8.6
Minimum	6.61	Minimum	110.9	Minimum	55.4	Minimum	2.38	Minimum	17.3	Minimum	172.4
Maximum	9.76	Maximum	130	Maximum	66.8	Maximum	5.49	Maximum	61.1	Maximum	181
Count	293	Count	249	Count	232	Count	297	Count	214	Count	142