

3,10 helix Ala				alpha helix Ala			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	2.002	Mean	1.115909	Mean	2.75894	Mean	0.649324
Std Dev	2.909695	Std Dev	8.329185	Std Dev	2.438033	Std Dev	6.293795
Variance	8.466322	Variance	69.37532	Variance	5.944004	Variance	39.61186
Count	50	Count	44	Count	962	Count	888
3,10 helix Cys Red				alpha helix Cys Red			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	2.12	Mean	-0.94	Mean	2.805914	Mean	-0.433524
Std Dev	3.106767	Std Dev	1.045466	Std Dev	2.5529	Std Dev	5.377553
Variance	9.652	Variance	1.093	Variance	6.5173	Variance	28.91807
Count	5	Count	5	Count	7322	Count	6640
3,10 helix Cys Oxid				alpha helix Cys Oxid			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	2.536364	Mean	-1.290909	Mean	3.19661	Mean	-1.418519
Std Dev	3.233658	Std Dev	2.069036	Std Dev	2.847017	Std Dev	4.691867
Variance	10.45655	Variance	4.280909	Variance	8.105506	Variance	22.01361
Count	11	Count	11	Count	59	Count	54
3,10 helix Asp				alpha helix Asp			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.458333	Mean	-0.076087	Mean	2.920802	Mean	-1.235593
Std Dev	2.867958	Std Dev	5.205603	Std Dev	2.23692	Std Dev	4.543055
Variance	8.225184	Variance	27.0983	Variance	5.003812	Variance	20.63935
Count	60	Count	46	Count	399	Count	354
3,10 helix Glu				3,10 helix Glu			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.593617	Mean	-0.635897	Mean	2.413012	Mean	0.017269
Std Dev	2.253539	Std Dev	1.924289	Std Dev	1.926135	Std Dev	4.786606
Variance	5.078437	Variance	3.702888	Variance	3.709995	Variance	22.9116
Count	47	Count	39	Count	976	Count	886
3,10 helix Phe				3,10 helix Phe			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.141667	Mean	-1.568182	Mean	2.879597	Mean	-0.728997
Std Dev	1.911957	Std Dev	1.646753	Std Dev	2.195165	Std Dev	3.410127
Variance	3.65558	Variance	2.711797	Variance	4.818749	Variance	11.62897
Count	24	Count	22	Count	397	Count	369
3,10 helix Gly				alpha helix Gly			
Ca ss				Ca ss			
Mean	0.966667			Mean	3.802008		
Std Dev	1.242501			Std Dev	4.886737		
Variance	1.54381			Variance	23.8802		
Count	15			Count	249		
3,10 helix His				alpha helix His			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.81	Mean	0.322222	Mean	3.857143	Mean	1.032117
Std Dev	1.810126	Std Dev	2.333333	Std Dev	2.565972	Std Dev	5.131061
Variance	3.276556	Variance	5.444444	Variance	6.584214	Variance	26.32778
Count	10	Count	9	Count	161	Count	137
3,10 helix Ile				alpha helix Ile			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	-0.457143	Mean	1.655556	Mean	2.665415	Mean	-1.197826
Std Dev	3.73799	Std Dev	9.197264	Std Dev	2.881984	Std Dev	4.250203
Variance	13.97257	Variance	84.58967	Variance	8.305831	Variance	18.06422
Count	21	Count	18	Count	506	Count	460

3,10 helix Lys				alpha helix Lys			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.323684	Mean	-0.118919	Mean	2.728834	Mean	-0.556863
Std Dev	1.815911	Std Dev	7.73656	Std Dev	2.095903	Std Dev	5.122484
Variance	3.297532	Variance	59.85435	Variance	4.392808	Variance	26.23984
Count	38	Count	37	Count	652	Count	612
3,10 helix Leu				alpha helix Leu			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	0.47561	Mean	-1.613889	Mean	2.555255	Mean	-1.120609
Std Dev	1.740514	Std Dev	2.211419	Std Dev	2.113024	Std Dev	4.423376
Variance	3.02939	Variance	4.890373	Variance	4.464871	Variance	19.56626
Count	41	Count	36	Count	961	Count	854
3,10 helix Met				alpha helix Met			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.546667	Mean	-0.908333	Mean	2.688926	Mean	-0.760985
Std Dev	2.039561	Std Dev	2.180683	Std Dev	2.214745	Std Dev	2.557304
Variance	4.15981	Variance	4.755379	Variance	4.905096	Variance	6.539803
Count	15	Count	12	Count	298	Count	264
3,10 helix Asn				alpha helix Asn			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.254054	Mean	0.37	Mean	3.034677	Mean	-1.385281
Std Dev	2.038326	Std Dev	5.994489	Std Dev	2.317948	Std Dev	3.957805
Variance	4.154775	Variance	35.9339	Variance	5.372882	Variance	15.66422
Count	37	Count	30	Count	248	Count	231
3,10 helix Pro				alpha helix Pro			
No Available Data in acceptable Range							
3,10 helix Gln				alpha helix Gln			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.735714	Mean	-0.913043	Mean	2.924213	Mean	-0.199737
Std Dev	2.769973	Std Dev	1.658122	Std Dev	1.969622	Std Dev	4.068571
Variance	7.672751	Variance	2.749368	Variance	3.879412	Variance	16.55327
Kurtosis	11.65271	Kurtosis	2.54727	Kurtosis	9.355996	Kurtosis	46.07803
Count	28	Count	23	Count	413	Count	380
3,10 helix Arg				alpha helix Arg			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.37037	Mean	0.418182	Mean	2.896774	Mean	-1.216667
Std Dev	2.468231	Std Dev	7.455751	Std Dev	1.239754	Std Dev	1.076739
Variance	6.092165	Variance	55.58823	Variance	1.536989	Variance	1.159368
Count	27	Count	22	Count	31	Count	30
3,10 helix Ser				alpha helix Ser			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.652381	Mean	-1.081818	Mean	2.450799	Mean	-0.96125
Std Dev	1.725453	Std Dev	1.374876	Std Dev	2.265716	Std Dev	1.410406
Variance	2.977189	Variance	1.890284	Variance	5.133469	Variance	1.989245
Count	42	Count	33	Count	313	Count	240
3,10 helix Thr				alpha helix Thr			
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.1625	Mean	-0.657143	Mean	2.879118	Mean	-1.541085
Std Dev	2.549989	Std Dev	1.69693	Std Dev	3.627046	Std Dev	1.372499
Variance	6.502446	Variance	2.879571	Variance	13.15546	Variance	1.883753
Count	24	Count	21	Count	340	Count	258

3,10 helix Val		alpha helix Val					
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	1.195455	Mean	-1.084211	Mean	2.793918	Mean	-1.041602
Std Dev	3.294942	Std Dev	3.248634	Std Dev	3.505602	Std Dev	4.266693
Variance	10.85665	Variance	10.55363	Variance	12.28925	Variance	18.20467
Count	22	Count	19	Count	559	Count	512
3,10 helix Trp		alpha helix Trp					
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	-0.73	Mean	-1.41	Mean	2.558242	Mean	0.932927
Std Dev	3.019952	Std Dev	1.91105	Std Dev	2.072147	Std Dev	7.932214
Variance	9.120111	Variance	3.652111	Variance	4.293792	Variance	62.92001
Count	10	Count	10	Count	91	Count	82
3,10 helix Tyr		alpha helix Tyr					
Ca ss		Cb ss		Ca ss		Cb ss	
Mean	0.611111	Mean	0.714286	Mean	2.72931	Mean	-0.103302
Std Dev	1.47855	Std Dev	1.36312	Std Dev	1.857453	Std Dev	2.96044
Variance	2.186111	Variance	1.858095	Variance	3.450133	Variance	8.764207
Count	9	Count	7	Count	232	Count	212