

<b>Beta Strand</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	0.4691	Mean	2.6879	Mean	-1.4453	Mean	0.5303	Mean	1.7684	Mean	-1.6671
Standard Error	0.0086	Standard Error	0.0664	Standard Error	0.03427	Standard Error	0.0062	Standard Error	0.0686	Standard Error	0.0308
Median	0.53	Median	2.8	Median	-1.4	Median	0.53	Median	1.5	Median	-1.7
Mode	0.5	Mode	2	Mode	-1.8	Mode	0.66	Mode	0	Mode	-1.5
Std Dev	0.6497	Std Dev	4.8222	Std Dev	2.34056	Std Dev	0.4834	Std Dev	4.4692	Std Dev	1.6663
Variance	0.4221	Variance	23.253	Variance	5.47824	Variance	0.2337	Variance	19.974	Variance	2.7766
Kurtosis	1.7905	Kurtosis	0.2577	Kurtosis	29.7305	Kurtosis	1.6562	Kurtosis	30.234	Kurtosis	1.2688
Skewness	-0.709	Skewness	-0.209	Skewness	1.13102	Skewness	-0.347	Skewness	3.7039	Skewness	0.0249
Range	7.65	Range	37.1	Range	58.2	Range	5.31	Range	67.9	Range	16.1
Minimum	-4.71	Minimum	-16.7	Minimum	-18.2	Minimum	-3.14	Minimum	-18.1	Minimum	-9.4
Maximum	2.94	Maximum	20.4	Maximum	40	Maximum	2.17	Maximum	49.8	Maximum	6.7
Count	5750	Count	5282	Count	4664	Count	6066	Count	4249	Count	2922
<b>SAN</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	0.5555	Mean	2.6611	Mean	-1.4919	Mean	0.6042	Mean	1.8841	Mean	-1.7896
Standard Error	0.0146	Standard Error	0.1132	Standard Error	0.05751	Standard Error	0.0105	Standard Error	0.1244	Standard Error	0.0542
Median	0.63	Median	2.8	Median	-1.4	Median	0.62	Median	1.7	Median	-1.8
Mode	0.9	Mode	2.8	Mode	-2	Mode	0.66	Mode	0	Mode	-2.5
Std Dev	0.6388	Std Dev	4.9514	Std Dev	2.38586	Std Dev	0.4794	Std Dev	4.8575	Std Dev	1.739
Variance	0.4081	Variance	24.516	Variance	5.69234	Variance	0.2298	Variance	23.595	Variance	3.0241
Kurtosis	2.1585	Kurtosis	0.2232	Kurtosis	9.35891	Kurtosis	1.0371	Kurtosis	29.062	Kurtosis	1.519
Skewness	-0.897	Skewness	-0.199	Skewness	-0.2803	Skewness	-0.348	Skewness	3.5154	Skewness	-0.1184
Range	5.81	Range	35.4	Range	32.4	Range	4.11	Range	66.1	Range	14.6
Minimum	-2.87	Minimum	-16.7	Minimum	-17.5	Minimum	-1.94	Minimum	-16.3	Minimum	-9.4
Maximum	2.94	Maximum	18.7	Maximum	14.9	Maximum	2.17	Maximum	49.8	Maximum	5.2
Count	1916	Count	1912	Count	1721	Count	2082	Count	1524	Count	1029
<b>SAY</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	0.3963	Mean	2.3444	Mean	-1.3574	Mean	0.4475	Mean	1.645	Mean	-1.4345
Standard Error	0.0143	Standard Error	0.115	Standard Error	0.06874	Standard Error	0.0099	Standard Error	0.1156	Standard Error	0.057
Median	0.45	Median	2.3	Median	-1.4	Median	0.43	Median	1.5	Median	-1.4
Mode	0.25	Mode	2	Mode	-1.8	Mode	0.62	Mode	0	Mode	-1.5
Std Dev	0.6615	Std Dev	4.775	Std Dev	2.59222	Std Dev	0.4646	Std Dev	4.1481	Std Dev	1.5963
Variance	0.4376	Variance	22.801	Variance	6.7196	Variance	0.2159	Variance	17.207	Variance	2.5481
Kurtosis	1.9442	Kurtosis	0.264	Kurtosis	53.8259	Kurtosis	0.6683	Kurtosis	32.694	Kurtosis	1.9178
Skewness	-0.544	Skewness	-0.141	Skewness	2.91125	Skewness	-0.107	Skewness	3.7273	Skewness	0.0752
Range	7.31	Range	36.8	Range	58.2	Range	3.62	Range	58.1	Range	14
Minimum	-4.71	Minimum	-16.4	Minimum	-18.2	Minimum	-1.68	Minimum	-16.8	Minimum	-7.3
Maximum	2.6	Maximum	20.4	Maximum	40	Maximum	1.94	Maximum	41.3	Maximum	6.7
Count	2146	Count	1724	Count	1422	Count	2207	Count	1288	Count	785

<b>SMN</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	0.5161	Mean	3.0248	Mean	-1.5183	Mean	0.5761	Mean	1.7645	Mean	-1.7224
Standard Error	0.0198	Standard Error	0.1447	Standard Error	0.06079	Standard Error	0.0149	Standard Error	0.1208	Standard Error	0.0607
Median	0.59	Median	3.2	Median	-1.5	Median	0.6	Median	1.6	Median	-1.7
Mode	0.59	Mode	3	Mode	-1.2	Mode	0.88	Mode	0	Mode	-1.5
Std Dev	0.6434	Std Dev	4.6958	Std Dev	1.90589	Std Dev	0.5004	Std Dev	3.6763	Std Dev	1.6616
Variance	0.4139	Variance	22.05	Variance	3.63241	Variance	0.2504	Variance	13.515	Variance	2.761
Kurtosis	2.1862	Kurtosis	0.5497	Kurtosis	6.78931	Kurtosis	4.9673	Kurtosis	37.426	Kurtosis	0.7738
Skewness	-0.915	Skewness	-0.281	Skewness	-0.3242	Skewness	-0.823	Skewness	4.3296	Skewness	0.2225
Range	5.32	Range	37	Range	24.9	Range	5.15	Range	54.3	Range	10.7
Minimum	-3.15	Minimum	-16.6	Minimum	-16.2	Minimum	-3.14	Minimum	-14.3	Minimum	-6.9
Maximum	2.17	Maximum	20.4	Maximum	8.7	Maximum	2.01	Maximum	40	Maximum	3.8
Count	1051	Count	1053	Count	983	Count	1127	Count	926	Count	749
<b>SMY</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	0.3964	Mean	3.1605	Mean	-1.3213	Mean	0.4621	Mean	1.538	Mean	-1.5853
Standard Error	0.0278	Standard Error	0.2306	Standard Error	0.09717	Standard Error	0.0217	Standard Error	0.2311	Standard Error	0.0954
Median	0.44	Median	3	Median	-1.3	Median	0.44	Median	1.2	Median	-1.55
Mode	0.48	Mode	4.5	Mode	-0.6	Mode	0.44	Mode	0	Mode	-2.9
Std Dev	0.595	Std Dev	4.686	Std Dev	1.84876	Std Dev	0.471	Std Dev	4.2921	Std Dev	1.5554
Variance	0.354	Variance	21.959	Variance	3.41791	Variance	0.2218	Variance	18.422	Variance	2.4191
Kurtosis	0.0254	Kurtosis	-0.168	Kurtosis	6.24481	Kurtosis	1.9356	Kurtosis	34.818	Kurtosis	-0.255
Skewness	-0.373	Skewness	-0.248	Skewness	0.72322	Skewness	-0.317	Skewness	4.5267	Skewness	0.1154
Range	3.43	Range	25.8	Range	18.6	Range	3.92	Range	51	Range	9
Minimum	-1.57	Minimum	-11.8	Minimum	-8.3	Minimum	-1.98	Minimum	-14.2	Minimum	-5.9
Maximum	1.86	Maximum	14	Maximum	10.3	Maximum	1.94	Maximum	36.8	Maximum	3.1
Count	457	Count	413	Count	362	Count	470	Count	345	Count	266
<b>SPN</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	0.3899	Mean	3.4045	Mean	-1.6636	Mean	0.6905	Mean	2.259	Mean	-2.4184
Standard Error	0.0672	Standard Error	0.4864	Standard Error	0.30323	Standard Error	0.0458	Standard Error	0.8395	Standard Error	0.2062
Median	0.41	Median	3.85	Median	-1.7	Median	0.715	Median	0.9	Median	-2.5
Mode	0.39	Mode	3	Mode	-2.9	Mode	0.9	Mode	0.2	Mode	-1.1
Std Dev	0.6304	Std Dev	4.5628	Std Dev	2.84452	Std Dev	0.4296	Std Dev	7.6485	Std Dev	1.4436
Variance	0.3974	Variance	20.82	Variance	8.09131	Variance	0.1845	Variance	58.5	Variance	2.084
Kurtosis	0.4408	Kurtosis	1.2046	Kurtosis	2.5632	Kurtosis	0.5714	Kurtosis	6.5298	Kurtosis	-0.7263
Skewness	-0.667	Skewness	-0.865	Skewness	0.54305	Skewness	-0.339	Skewness	1.7028	Skewness	0.054
Range	3.14	Range	22.9	Range	17.4	Range	2.45	Range	55	Range	5.6
Minimum	-1.66	Minimum	-11.5	Minimum	-9.3	Minimum	-0.56	Minimum	-18.1	Minimum	-5.2
Maximum	1.48	Maximum	11.4	Maximum	8.1	Maximum	1.89	Maximum	36.9	Maximum	0.4
Count	88	Count	88	Count	88	Count	88	Count	83	Count	49

**SPY**

	<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	0.2632	Mean	3.0174	Mean	-1.4307	Mean	0.4779	Mean	2.0687	Mean	-1.6659
Standard Error	0.0699	Standard Error	0.5053	Standard Error	0.29606	Standard Error	0.0568	Standard Error	0.669	Standard Error	0.2388
Median	0.35	Median	3.4	Median	-1.55	Median	0.49	Median	1.3	Median	-1.65
Mode	0.43	Mode	6.4	Mode	-0.9	Mode	-0.02	Mode	-1	Mode	-1.5
Std Dev	0.6706	Std Dev	4.8465	Std Dev	2.77726	Std Dev	0.5447	Std Dev	6.0952	Std Dev	1.5841
Variance	0.4497	Variance	23.488	Variance	7.71319	Variance	0.2967	Variance	37.152	Variance	2.5093
Kurtosis	1.3144	Kurtosis	-0.1	Kurtosis	3.93622	Kurtosis	0.2969	Kurtosis	13.771	Kurtosis	0.8834
Skewness	-0.633	Skewness	-0.138	Skewness	0.70104	Skewness	-0.641	Skewness	3.1832	Skewness	0.1574
Range	3.88	Range	23.1	Range	19.1	Range	2.43	Range	44.3	Range	7.9
Minimum	-2.24	Minimum	-8.1	Minimum	-9.5	Minimum	-1.02	Minimum	-11.8	Minimum	-5.4
Maximum	1.64	Maximum	15	Maximum	9.6	Maximum	1.41	Maximum	32.5	Maximum	2.5
Count	92	Count	92	Count	88	Count	92	Count	83	Count	44

**Antiparallel**

	<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	0.4707	Mean	2.4929	Mean	-1.452	Mean	0.5253	Mean	1.5078	Mean	-1.6406
Standard Error	0.0103	Standard Error	0.0808	Standard Error	0.04423	Standard Error	0.0073	Standard Error	0.0453	Standard Error	0.0396
Median	0.53	Median	2.5	Median	-1.4	Median	0.52	Median	1.6	Median	-1.6
Mode	0.5	Mode	2	Mode	-1.8	Mode	0.62	Mode	0	Mode	-1.5
Std Dev	0.6569	Std Dev	4.8585	Std Dev	2.47219	Std Dev	0.4766	Std Dev	2.3594	Std Dev	1.6808
Sample Variance	0.4315	Sample Variance	23.605	Sample Variance	6.11174	Sample Variance	0.2271	Sample Variance	5.5668	Sample Variance	2.8251
Kurtosis	1.9021	Kurtosis	0.2307	Kurtosis	34.2792	Kurtosis	0.6212	Kurtosis	3.548	Kurtosis	1.7067
Skewness	-0.696	Skewness	-0.177	Skewness	1.39421	Skewness	-0.181	Skewness	-0.8152	Skewness	-0.0753
Range	7.65	Range	37.1	Range	58.2	Range	3.96	Range	20.7	Range	16.1
Minimum	-4.71	Minimum	-16.7	Minimum	-18.2	Minimum	-1.79	Minimum	-10.8	Minimum	-9.4
Maximum	2.94	Maximum	20.4	Maximum	40	Maximum	2.17	Maximum	9.9	Maximum	6.7
Sum	1900.8	Sum	9011.9	Sum	-4536	Sum	2240.2	Sum	4095.3	Sum	-2956.4
Count	4038	Count	3615	Count	3124	Count	4265	Count	2716	Count	1802

**Parallel**

	<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	0.3251	Mean	3.2067	Mean	-1.5472	Mean	0.5818	Mean	1.0549	Mean	-2.0624
Standard Error	0.0486	Standard Error	0.3504	Standard Error	0.21147	Standard Error	0.0374	Standard Error	0.2598	Standard Error	0.1607
Median	0.38	Median	3.55	Median	-1.6	Median	0.635	Median	1.1	Median	-2
Mode	0.43	Mode	3	Mode	-2.2	Mode	0.96	Mode	0.2	Mode	-1.5
Std Dev	0.6526	Std Dev	4.7008	Std Dev	2.80548	Std Dev	0.5019	Std Dev	3.2134	Std Dev	1.5501
Sample Variance	0.4258	Sample Variance	22.098	Sample Variance	7.87073	Sample Variance	0.2519	Sample Variance	10.326	Sample Variance	2.4028
Kurtosis	0.8974	Kurtosis	0.3705	Kurtosis	3.09301	Kurtosis	0.7192	Kurtosis	2.5361	Kurtosis	0.1769
Skewness	-0.653	Skewness	-0.464	Skewness	0.60938	Skewness	-0.656	Skewness	-0.5677	Skewness	0.1646
Range	3.88	Range	26.5	Range	19.1	Range	2.91	Range	22	Range	7.9
Minimum	-2.24	Minimum	-11.5	Minimum	-9.5	Minimum	-1.02	Minimum	-10.8	Minimum	-5.4
Maximum	1.64	Maximum	15	Maximum	9.6	Maximum	1.89	Maximum	11.2	Maximum	2.5
Sum	58.52	Sum	577.2	Sum	-272.3	Sum	104.73	Sum	161.4	Sum	-191.8
Count	180	Count	180	Count	176	Count	180	Count	153	Count	93