

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST FOR BONE DENSITY: BONE MINERAL DENSITY

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Head:Bone Mineral Density (g/cm2)	2.2596	68	0.22099	0.02680
	Post-test Head:Bone Mineral Density (g/cm2)	2.3261	68	0.23746	0.02880
Pair 2	Pre-test Arms:Bone Mineral Density (g/cm2)	0.8408	68	0.05212	0.00632
	Post-test Arms:Bone Mineral Density (g/cm2)	0.8328	68	0.05025	0.00609
Pair 3	Pre-test Legs:Bone Mineral Density (g/cm2)	1.2207	68	0.08863	0.01075
	Post-test Legs:Bone Mineral Density (g/cm2)	1.2271	68	0.08312	0.01008
Pair 4	Pre-test Trunk:Bone Mineral Density (g/cm2)	0.9340	68	0.06657	0.00807
	Post-test Trunk:Bone Mineral Density (g/cm2)	0.9223	68	0.06744	0.00818
Pair 5	Pre-test Ribs:Bone Mineral Density (g/cm2)	0.7078	68	0.05601	0.00679
	Post-test Ribs:Bone Mineral Density (g/cm2)	0.6969	68	0.05208	0.00632
Pair 6	Pre-test Pelvis:Bone Mineral Density (g/cm2)	1.1583	68	0.08844	0.01073
	Post-test Pelvis:Bone Mineral Density (g/cm2)	1.2988	68	1.11891	0.13569
Pair 7	Pre-test Spine:Bone Mineral Density (g/cm2)	1.0616	68	0.09711	0.01178
	Post-test Spine:Bone Mineral Density (g/cm2)	1.0312	68	0.10758	0.01305
Pair 8	Pre-test Total:Bone Mineral Density (g/cm2)	1.1522	68	0.06753	0.00819
	Post-test Total:Bone Mineral Density (g/cm2)	1.1491	68	0.06551	0.00794

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Head:Bone Mineral Density (g/cm2) & Post-test Head:Bone Mineral Density (g/cm2)	68	0.944	0.000
Pair 2	Pre-test Arms:Bone Mineral Density (g/cm2) & Post-test Arms:Bone Mineral Density (g/cm2)	68	0.935	0.000
Pair 3	Pre-test Legs:Bone Mineral Density (g/cm2) & Post-test Legs:Bone Mineral Density (g/cm2)	68	0.977	0.000
Pair 4	Pre-test Trunk:Bone Mineral Density (g/cm2) & Post-test Trunk:Bone Mineral Density (g/cm2)	68	0.948	0.000
Pair 5	Pre-test Ribs:Bone Mineral Density (g/cm2) & Post-test Ribs:Bone Mineral Density (g/cm2)	68	0.904	0.000
Pair 6	Pre-test Pelvis:Bone Mineral Density (g/cm2) & Post-test Pelvis:Bone Mineral Density (g/cm2)	68	-0.136	0.270
Pair 7	Pre-test Spine:Bone Mineral Density (g/cm2) & Post-test Spine:Bone Mineral Density (g/cm2)	68	0.933	0.000
Pair 8	Pre-test Total:Bone Mineral Density (g/cm2) & Post-test Total:Bone Mineral Density (g/cm2)	68	0.977	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Head:Bone Mineral Density (g/cm2) - Post-test Head:Bone Mineral Density (g/cm2)	-0.06656	0.07851	0.00952	-0.08556	-0.04756	-6.991	67	0.000
Pair 2	Pre-test Arms:Bone Mineral Density (g/cm2) - Post-test Arms:Bone Mineral Density (g/cm2)	0.00801	0.01853	0.00225	0.00353	0.01250	3.566	67	0.001
Pair 3	Pre-test Legs:Bone Mineral Density (g/cm2) - Post-test Legs:Bone Mineral Density (g/cm2)	-0.00644	0.01939	0.00235	-0.01113	-0.00175	-2.739	67	0.008
Pair 4	Pre-test Trunk:Bone Mineral Density (g/cm2) - Post-test Trunk:Bone Mineral Density (g/cm2)	0.01171	0.02160	0.00262	0.00648	0.01693	4.469	67	0.000
Pair 5	Pre-test Ribs:Bone Mineral Density (g/cm2) - Post-test Ribs:Bone Mineral Density (g/cm2)	0.01091	0.02401	0.00291	0.00510	0.01672	3.748	67	0.000
Pair 6	Pre-test Pelvis:Bone Mineral Density (g/cm2) - Post-test Pelvis:Bone Mineral Density (g/cm2)	-0.14043	1.13429	0.13755	-0.41498	0.13413	-1.021	67	0.311
Pair 7	Pre-test Spine:Bone Mineral Density (g/cm2) - Post-test Spine:Bone Mineral Density (g/cm2)	0.03034	0.03877	0.00470	0.02095	0.03972	6.453	67	0.000
Pair 8	Pre-test Total:Bone Mineral Density (g/cm2) - Post-test Total:Bone Mineral Density (g/cm2)	0.00309	0.01433	0.00174	-0.00038	0.00656	1.777	67	0.080

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST FOR ANCILLARY HEALTH: YOUNG ADULT % TO AGE-MATCHED Z-SCORE

[DataSet4] C:\Documents and Settings\smitec\My Documents\D-DRIVE\Projects 2007\paola wood\bone density combined.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Young Adult %	102.49	68	5.954	0.722
	Post-test Young Adult %	102.13	68	5.808	0.704
Pair 2	Pre-test Young Adult T-score	0.41	68	1.694	0.205
	Post-test Young Adult T-score	0.296	68	0.8163	0.0990
Pair 3	Pre-test Age-matched %	102.51	68	12.771	1.549
	Post-test Age-matched %	101.94	68	13.599	1.649
Pair 4	Pre-test Age-matched Z-score	0.63	68	1.802	0.219
	Post-test Age-matched Z-score	0.485	68	0.7768	0.0942

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Young Adult % & Post-test Young Adult %	68	0.981	0.000
Pair 2	Pre-test Young Adult T-score & Post-test Young Adult T-score	68	0.610	0.000
Pair 3	Pre-test Age-matched % & Post-test Age-matched %	68	0.097	0.429
Pair 4	Pre-test Age-matched Z-score & Post-test Age-matched Z-score	68	0.574	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Young Adult % - Post-test Young Adult %	0.353	1.143	0.139	0.076	0.630	2.546	67	0.013
Pair 2	Pre-test Young Adult T-score - Post-test Young Adult T-score	0.1162	1.3597	0.1649	-0.2129	0.4453	0.705	67	0.484
Pair 3	Pre-test Age-matched % - Post-test Age-matched %	0.572	17.725	2.149	-3.718	4.863	0.266	67	0.791
Pair 4	Pre-test Age-matched Z-score - Post-test Age-matched Z-score	0.1441	1.4974	0.1816	-0.2183	0.5066	0.794	67	0.430

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST - ANCILLARY HEALTH : BONE MINERAL CONTENT

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Head:Bone Mineral Content (g)	491.19	68	58.683	7.116
	Post-test Head:Bone Mineral Content (g)	471.82	68	58.755	7.125
Pair 2	Pre-test Arms:Bone Mineral Content (g)	281.97	68	41.987	5.092
	Post-test Arms:Bone Mineral Content (g)	281.81	68	43.590	5.286
Pair 3	Pre-test Legs:Bone Mineral Content (g)	879.49	68	116.892	14.175
	Post-test Legs:Bone Mineral Content (g)	894.49	68	120.616	14.627
Pair 4	Pre-test Trunk:Bone Mineral Content (g)	797.97	68	148.196	17.971
	Post-test Trunk:Bone Mineral Content (g)	778.91	68	150.825	18.290
Pair 5	Pre-test Ribs:Bone Mineral Content (g)	268.38	68	58.894	7.142
	Post-test Ribs:Bone Mineral Content (g)	260.96	68	61.751	7.488
Pair 6	Pre-test Pelvis:Bone Mineral Content (g)	298.09	68	57.410	6.962
	Post-test Pelvis:Bone Mineral Content (g)	292.84	68	55.549	6.736
Pair 7	Pre-test Spine:Bone Mineral Content (g)	231.51	68	38.654	4.687
	Post-test Spine:Bone Mineral Content (g)	225.07	68	40.489	4.910
Pair 8	Pre-test Total:Bone Mineral Content (g)	2,450.59	68	312.907	37.946
	Post-test Total:Bone Mineral Content (g)	2,427.03	68	324.920	39.402

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Head:Bone Mineral Content (g) & Post-test Head:Bone Mineral Content (g)	68	0.944	0.000
Pair 2	Pre-test Arms:Bone Mineral Content (g) & Post-test Arms:Bone Mineral Content (g)	68	0.976	0.000
Pair 3	Pre-test Legs:Bone Mineral Content (g) & Post-test Legs:Bone Mineral Content (g)	68	0.976	0.000
Pair 4	Pre-test Trunk:Bone Mineral Content (g) & Post-test Trunk:Bone Mineral Content (g)	68	0.864	0.000
Pair 5	Pre-test Ribs:Bone Mineral Content (g) & Post-test Ribs:Bone Mineral Content (g)	68	0.806	0.000
Pair 6	Pre-test Pelvis:Bone Mineral Content (g) & Post-test Pelvis:Bone Mineral Content (g)	68	0.901	0.000
Pair 7	Pre-test Spine:Bone Mineral Content (g) & Post-test Spine:Bone Mineral Content (g)	68	0.862	0.000
Pair 8	Pre-test Total:Bone Mineral Content (g) & Post-test Total:Bone Mineral Content (g)	68	0.951	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Head:Bone Mineral Content (g) - Post-test Head:Bone Mineral Content (g)	19.368	19.704	2.390	14.598	24.137	8.105	67	0.000
Pair 2	Pre-test Arms:Bone Mineral Content (g) - Post-test Arms:Bone Mineral Content (g)	0.162	9.470	1.148	-2.131	2.454	0.141	67	0.888
Pair 3	Pre-test Legs:Bone Mineral Content (g) - Post-test Legs:Bone Mineral Content (g)	-15.000	26.511	3.215	-21.417	-8.583	-4.666	67	0.000
Pair 4	Pre-test Trunk:Bone Mineral Content (g) - Post-test Trunk:Bone Mineral Content (g)	19.059	77.894	9.446	0.204	37.913	2.018	67	0.048
Pair 5	Pre-test Ribs:Bone Mineral Content (g) - Post-test Ribs:Bone Mineral Content (g)	7.426	37.645	4.565	-1.686	16.539	1.627	67	0.108
Pair 6	Pre-test Pelvis:Bone Mineral Content (g) - Post-test Pelvis:Bone Mineral Content (g)	5.250	25.218	3.058	-0.854	11.354	1.717	67	0.091
Pair 7	Pre-test Spine:Bone Mineral Content (g) - Post-test Spine:Bone Mineral Content (g)	6.441	20.870	2.531	1.390	11.493	2.545	67	0.013
Pair 8	Pre-test Total:Bone Mineral Content (g) - Post-test Total:Bone Mineral Content (g)	23.559	100.667	12.208	-0.808	47.925	1.930	67	0.058

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST - ANCILLARY HEALTH: AREA (CM)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Head:Area (cm)	217.21	68	12.426	1.507
	Post-test Head:Area (cm)	202.75	68	13.271	1.609
Pair 2	Pre-test Arms:Area (cm)	334.41	68	37.068	4.495
	Post-test Arms:Area (cm)	337.19	68	38.259	4.640
Pair 3	Pre-test Legs:Area (cm)	719.29	68	70.370	8.534
	Post-test Legs:Area (cm)	727.68	68	75.000	9.095
Pair 4	Pre-test Trunk:Area (cm)	849.66	68	116.747	14.158
	Post-test Trunk:Area (cm)	839.09	68	114.511	13.886
Pair 5	Pre-test Ribs:Area (cm)	376.38	68	62.171	7.539
	Post-test Ribs:Area (cm)	371.13	68	66.177	8.025
Pair 6	Pre-test Pelvis:Area (cm)	256.26	68	39.293	4.765
	Post-test Pelvis:Area (cm)	250.82	68	35.593	4.316
Pair 7	Pre-test Spine:Area (cm)	217.07	68	22.369	2.713
	Post-test Spine:Area (cm)	217.10	68	21.577	2.617
Pair 8	Pre-test Total:Area (cm)	2,120.65	68	198.749	24.102
	Post-test Total:Area (cm)	2,106.71	68	206.859	25.085

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Head:Area (cm) & Post-test Head:Area (cm)	68	0.644	0.000
Pair 2	Pre-test Arms:Area (cm) & Post-test Arms:Area (cm)	68	0.919	0.000
Pair 3	Pre-test Legs:Area (cm) & Post-test Legs:Area (cm)	68	0.926	0.000
Pair 4	Pre-test Trunk:Area (cm) & Post-test Trunk:Area (cm)	68	0.809	0.000
Pair 5	Pre-test Ribs:Area (cm) & Post-test Ribs:Area (cm)	68	0.761	0.000
Pair 6	Pre-test Pelvis:Area (cm) & Post-test Pelvis:Area (cm)	68	0.856	0.000
Pair 7	Pre-test Spine:Area (cm) & Post-test Spine:Area (cm)	68	0.773	0.000
Pair 8	Pre-test Total:Area (cm) & Post-test Total:Area (cm)	68	0.899	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Head:Area (cm) - Post-test Head:Area (cm)	14.456	10.866	1.318	11.826	17.086	10.970	67	0.000
Pair 2	Pre-test Arms:Area (cm) - Post-test Arms:Area (cm)	-2.779	15.170	1.840	-6.451	0.892	-1.511	67	0.136
Pair 3	Pre-test Legs:Area (cm) - Post-test Legs:Area (cm)	-8.382	28.364	3.440	-15.248	-1.517	-2.437	67	0.017
Pair 4	Pre-test Trunk:Area (cm) - Post-test Trunk:Area (cm)	10.574	71.481	8.668	-6.729	27.876	1.220	67	0.227
Pair 5	Pre-test Ribs:Area (cm) - Post-test Ribs:Area (cm)	5.250	44.569	5.405	-5.538	16.038	0.971	67	0.335
Pair 6	Pre-test Pelvis:Area (cm) - Post-test Pelvis:Area (cm)	5.441	20.418	2.476	0.499	10.383	2.197	67	0.031
Pair 7	Pre-test Spine:Area (cm) - Post-test Spine:Area (cm)	-0.029	14.822	1.797	-3.617	3.558	-0.016	67	0.987
Pair 8	Pre-test Total:Area (cm) - Post-test Total:Area (cm)	13.941	91.461	11.091	-8.197	36.080	1.257	67	0.213

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST - BODY COMPOSITION: TISSUE FAT %

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Left Arm:Tissue (%fat)	30.615	68	8.3123	1.0080
	Post-test Left Arm:Tissue (%fat)	25.263	68	7.2994	0.8852
Pair 2	Pre-test Left Leg:Tissue(%fat)	42.253	68	7.0523	0.8552
	Post-test Left Leg:Tissue(%fat)	40.162	68	6.2097	0.7530
Pair 3	Pre-test Left trunk:Tissue (%fat)	37.00	68	8.837	1.072
	Post-test Left trunk:Tissue (%fat)	30.903	68	7.4108	0.8987
Pair 4	Pre-test Left Total:Tissue (%fat)	37.257	68	7.5809	0.9193
	Post-test Left Total:Tissue (%fat)	33.218	68	6.4812	0.7860
Pair 5	Pre-test Right Arm:Tissue (%fat)	30.655	68	8.3011	1.0067
	Post-test Right Arm:Tissue (%fat)	25.306	68	7.3109	0.8866
Pair 6	Pre-test Right Leg:Tissue(%fat)	42.250	68	7.0432	0.8541
	Post-test Right Leg:Tissue(%fat)	40.128	68	6.2232	0.7547
Pair 7	Pre-test Right trunk:Tissue (%fat)	37.03	68	8.846	1.073
	Post-test Right trunk:Tissue (%fat)	30.907	68	7.4125	0.8989
Pair 8	Pre-test Right Total:Tissue (%fat)	37.240	68	7.6513	0.9279
	Post-test Right Total:Tissue (%fat)	33.08	68	6.466	0.784
Pair 9	Pre-test Arms:Tissue (%fat)	30.628	68	8.3158	1.0084
	Post-test Arms:Tissue (%fat)	25.281	68	7.2953	0.8847
Pair 10	Pre-test Legs:Tissue(%fat)	42.251	68	7.0467	0.8545
	Post-test Legs:Tissue(%fat)	40.141	68	6.2158	0.7538
Pair 11	Pre-test Trunk:Tissue (%fat)	37.02	68	8.840	1.072
	Post-test Trunk:Tissue (%fat)	30.906	68	7.4102	0.8986
Pair 12	Pre-test Total:Tissue (%fat)	37.251	68	7.6162	0.9236
	Post-test Total:Tissue (%fat)	33.144	68	6.4768	0.7854

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Left Arm:Tissue (%fat) & Post-test Left Arm:Tissue (%fat)	68	0.837	0.000
Pair 2	Pre-test Left Leg:Tissue(%fat) & Post-test Left Leg:Tissue(%fat)	68	0.923	0.000
Pair 3	Pre-test Left trunk:Tissue (%fat) & Post-test Left trunk:Tissue (%fat)	68	0.823	0.000
Pair 4	Pre-test Left Total:Tissue (%fat) & Post-test Left Total:Tissue (%fat)	68	0.879	0.000
Pair 5	Pre-test Right Arm:Tissue (%fat) & Post-test Right Arm:Tissue (%fat)	68	0.837	0.000
Pair 6	Pre-test Right Leg:Tissue(%fat) & Post-test Right Leg:Tissue(%fat)	68	0.924	0.000
Pair 7	Pre-test Right trunk:Tissue (%fat) & Post-test Right trunk:Tissue (%fat)	68	0.823	0.000
Pair 8	Pre-test Right Total:Tissue (%fat) & Post-test Right Total:Tissue (%fat)	68	0.875	0.000
Pair 9	Pre-test Arms:Tissue (%fat) & Post-test Arms:Tissue (%fat)	68	0.837	0.000
Pair 10	Pre-test Legs:Tissue(%fat) & Post-test Legs:Tissue(%fat)	68	0.923	0.000
Pair 11	Pre-test Trunk:Tissue (%fat) & Post-test Trunk:Tissue (%fat)	68	0.823	0.000
Pair 12	Pre-test Total:Tissue (%fat) & Post-test Total:Tissue (%fat)	68	0.877	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Left Arm:Tissue (%fat) - Post-test Left Arm:Tissue (%fat)	5.3515	4.5548	0.5524	4.2490	6.4540	9.688	67	0.000
Pair 2	Pre-test Left Leg:Tissue(%fat) - Post-test Left Leg:Tissue(%fat)	2.0912	2.7292	0.3310	1.4306	2.7518	6.319	67	0.000
Pair 3	Pre-test Left trunk:Tissue (%fat) - Post-test Left trunk:Tissue (%fat)	6.1015	5.0233	0.6092	4.8856	7.3174	10.016	67	0.000
Pair 4	Pre-test Left Total:Tissue (%fat) - Post-test Left Total:Tissue (%fat)	4.0397	3.6257	0.4397	3.1621	4.9173	9.188	67	0.000
Pair 5	Pre-test Right Arm:Tissue (%fat) - Post-test Right Arm:Tissue (%fat)	5.3488	4.5534	0.5522	4.2467	6.4510	9.687	67	0.000
Pair 6	Pre-test Right Leg:Tissue(%fat) - Post-test Right Leg:Tissue(%fat)	2.1221	2.7161	0.3294	1.4646	2.7795	6.443	67	0.000
Pair 7	Pre-test Right trunk:Tissue (%fat) - Post-test Right trunk:Tissue (%fat)	6.1176	5.0201	0.6088	4.9025	7.3328	10.049	67	0.000
Pair 8	Pre-test Right Total:Tissue (%fat) - Post-test Right Total:Tissue (%fat)	4.1632	3.7076	0.4496	3.2658	5.0607	9.260	67	0.000
Pair 9	Pre-test Arms:Tissue (%fat) - Post-test Arms:Tissue (%fat)	5.3471	4.5622	0.5533	4.2428	6.4514	9.665	67	0.000
Pair 10	Pre-test Legs:Tissue(%fat) - Post-test Legs:Tissue(%fat)	2.1103	2.7248	0.3304	1.4508	2.7698	6.387	67	0.000
Pair 11	Pre-test Trunk:Tissue (%fat) - Post-test Trunk:Tissue (%fat)	6.1132	5.0171	0.6084	4.8988	7.3276	10.048	67	0.000
Pair 12	Pre-test Total:Tissue (%fat) - Post-test Total:Tissue (%fat)	4.1074	3.6628	0.4442	3.2208	4.9939	9.247	67	0.000

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST - BODY COMPOSITION: REGION FAT %

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Left Arm:Region (%fat)	29.212	68	8.1091	0.9834
	Post-test Left Arm:Region (%fat)	24.118	68	7.0543	0.8555
Pair 2	Pre-test Left Leg:Region(%fat)	40.632	68	6.9080	0.8377
	Post-test Left Leg:Region(%fat)	38.637	68	6.0450	0.7331
Pair 3	Pre-test Left trunk:Region (%fat)	35.85	68	8.561	1.038
	Post-test Left trunk:Region (%fat)	29.990	68	7.1459	0.8666
Pair 4	Pre-test Left Total:Region (%fat)	35.713	68	7.3495	0.8913
	Post-test Left Total:Region (%fat)	31.890	68	6.2602	0.7592
Pair 5	Pre-test Right Arm:Region (%fat)	29.17	68	8.079	0.980
	Post-test Right Arm:Region (%fat)	24.119	68	7.0314	0.8527
Pair 6	Pre-test Right Leg:Region(%fat)	40.606	68	6.9083	0.8378
	Post-test Right Leg:Region(%fat)	38.599	68	6.0433	0.7329
Pair 7	Pre-test Right trunk:Region (%fat)	35.89	68	8.564	1.039
	Post-test Right trunk:Region (%fat)	29.966	68	7.1637	0.8687
Pair 8	Pre-test Right Total:Region (%fat)	35.706	68	7.4242	0.9003
	Post-test Right Total:Region (%fat)	31.713	68	6.2170	0.7539
Pair 9	Pre-test Arms:Region (%fat)	29.187	68	8.0975	0.9820
	Post-test Arms:Region (%fat)	24.118	68	7.0473	0.8546
Pair 10	Pre-test Legs:Region(%fat)	40.618	68	6.9157	0.8386
	Post-test Legs:Region(%fat)	38.621	68	6.0485	0.7335
Pair 11	Pre-test Trunk:Region (%fat)	35.86	68	8.567	1.039
	Post-test Trunk:Region (%fat)	29.978	68	7.1554	0.8677
Pair 12	Pre-test Total:Region (%fat)	35.71	68	7.386	0.896
	Post-test Total:Region (%fat)	31.800	68	6.2303	0.7555

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Left Arm:Region (%fat) & Post-test Left Arm:Region (%fat)	68	0.838	0.000
Pair 2	Pre-test Left Leg:Region(%fat) & Post-test Left Leg:Region(%fat)	68	0.922	0.000
Pair 3	Pre-test Left trunk:Region (%fat) & Post-test Left trunk:Region (%fat)	68	0.823	0.000
Pair 4	Pre-test Left Total:Region (%fat) & Post-test Left Total:Region (%fat)	68	0.878	0.000
Pair 5	Pre-test Right Arm:Region (%fat) & Post-test Right Arm:Region (%fat)	68	0.836	0.000
Pair 6	Pre-test Right Leg:Region(%fat) & Post-test Right Leg:Region(%fat)	68	0.922	0.000
Pair 7	Pre-test Right trunk:Region (%fat) & Post-test Right trunk:Region (%fat)	68	0.824	0.000
Pair 8	Pre-test Right Total:Region (%fat) & Post-test Right Total:Region (%fat)	68	0.876	0.000
Pair 9	Pre-test Arms:Region (%fat) & Post-test Arms:Region (%fat)	68	0.837	0.000
Pair 10	Pre-test Legs:Region(%fat) & Post-test Legs:Region(%fat)	68	0.922	0.000
Pair 11	Pre-test Trunk:Region (%fat) & Post-test Trunk:Region (%fat)	68	0.824	0.000
Pair 12	Pre-test Total:Region (%fat) & Post-test Total:Region (%fat)	68	0.877	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Left Arm:Region (%fat) - Post-test Left Arm:Region (%fat)	5.0941	4.4371	0.5381	4.0201	6.1681	9.467	67	0.000
Pair 2	Pre-test Left Leg:Region(%fat) - Post-test Left Leg:Region(%fat)	1.9956	2.6968	0.3270	1.3428	2.6484	6.102	67	0.000
Pair 3	Pre-test Left trunk:Region (%fat) - Post-test Left trunk:Region (%fat)	5.8603	4.8579	0.5891	4.6844	7.0362	9.948	67	0.000
Pair 4	Pre-test Left Total:Region (%fat) - Post-test Left Total:Region (%fat)	3.8235	3.5192	0.4268	2.9717	4.6754	8.959	67	0.000
Pair 5	Pre-test Right Arm:Region (%fat) - Post-test Right Arm:Region (%fat)	5.0529	4.4466	0.5392	3.9766	6.1293	9.371	67	0.000
Pair 6	Pre-test Right Leg:Region(%fat) - Post-test Right Leg:Region(%fat)	2.0072	2.6899	0.3262	1.3561	2.6583	6.153	67	0.000
Pair 7	Pre-test Right trunk:Region (%fat) - Post-test Right trunk:Region (%fat)	5.9279	4.8510	0.5883	4.7537	7.1021	10.077	67	0.000
Pair 8	Pre-test Right Total:Region (%fat) - Post-test Right Total:Region (%fat)	3.9926	3.5984	0.4364	3.1216	4.8637	9.150	67	0.000
Pair 9	Pre-test Arms:Region (%fat) - Post-test Arms:Region (%fat)	5.0691	4.4444	0.5390	3.9934	6.1449	9.405	67	0.000
Pair 10	Pre-test Legs:Region(%fat) - Post-test Legs:Region(%fat)	1.9971	2.6932	0.3266	1.3452	2.6489	6.115	67	0.000
Pair 11	Pre-test Trunk:Region (%fat) - Post-test Trunk:Region (%fat)	5.8838	4.8581	0.5891	4.7079	7.0597	9.987	67	0.000
Pair 12	Pre-test Total:Region (%fat) - Post-test Total:Region (%fat)	3.9147	3.5565	0.4313	3.0538	4.7756	9.077	67	0.000

T-Test: DIFFERENCES BETWEEN PRE AND POST - BODY COMPOSITION : TISSUE (G)

[DataSet4] C:\Documents and Settings\smitce\My Documents\ID-DRIVE\Projects 2007\paola wood\bone density combined.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Left Arm:Tissue (g)	2,909.13	68	629.903	76.387
	Post-test Left Arm:Tissue (g)	2,915.49	68	568.049	68.886
Pair 2	Pre-test Left Leg:Tissue(g)	11,068.6765	68	1,861.03988	225.68424
	Post-test Left Leg:Tissue(g)	11,370.96	68	1,752.480	212.519
Pair 3	Pre-test Left trunk:Tissue (g)	12,583.0147	68	1,810.57855	219.56490
	Post-test Left trunk:Tissue (g)	12,563.40	68	1,581.548	191.791
Pair 4	Pre-test Left Total:Tissue (g)	28,528.4706	68	4,130.30251	500.87275
	Post-test Left Total:Tissue (g)	28,682.22	68	3,652.925	442.982
Pair 5	Pre-test Right Arm:Tissue (g)	2,747.21	68	533.886	64.743
	Post-test Right Arm:Tissue (g)	2,896.88	68	501.602	60.828
Pair 6	Pre-test Right Leg:Tissue(g)	10,800.2059	68	1,915.44202	232.28146
	Post-test Right Leg:Tissue(g)	11,257.25	68	1,724.534	209.130
Pair 7	Pre-test Right trunk:Tissue (g)	12,660.99	68	1,973.782	239.356
	Post-test Right trunk:Tissue (g)	12,684.59	68	1,684.215	204.241
Pair 8	Pre-test Right Total:Tissue (g)	28,163.99	68	4,239.911	514.165
	Post-test Right Total:Tissue (g)	28,853.41	68	3,697.342	448.369
Pair 9	Pre-test Arms:Tissue (g)	5,656.2794	68	1,128.03877	136.79479
	Post-test Arms:Tissue (g)	5,812.35	68	988.764	119.905
Pair 10	Pre-test Legs:Tissue(g)	21,872.85	68	3,753.196	455.142
	Post-test Legs:Tissue(g)	22,628.18	68	3,431.084	416.080
Pair 11	Pre-test Trunk:Tissue (g)	25,252.7647	68	3,733.76824	452.78591
	Post-test Trunk:Tissue (g)	25,248.10	68	3,178.893	385.497
Pair 12	Pre-test Total:Tissue (g)	56,692.43	68	8,339.678	1,011.335
	Post-test Total:Tissue (g)	57,535.59	68	7,230.803	876.864

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Left Arm:Tissue (g) & Post-test Left Arm:Tissue (g)	68	0.813	0.000
Pair 2	Pre-test Left Leg:Tissue(g) & Post-test Left Leg:Tissue(g)	68	0.884	0.000
Pair 3	Pre-test Left trunk:Tissue (g) & Post-test Left trunk:Tissue (g)	68	0.868	0.000
Pair 4	Pre-test Left Total:Tissue (g) & Post-test Left Total:Tissue (g)	68	0.871	0.000
Pair 5	Pre-test Right Arm:Tissue (g) & Post-test Right Arm:Tissue (g)	68	0.751	0.000
Pair 6	Pre-test Right Leg:Tissue(g) & Post-test Right Leg:Tissue(g)	68	0.886	0.000
Pair 7	Pre-test Right trunk:Tissue (g) & Post-test Right trunk:Tissue (g)	68	0.890	0.000
Pair 8	Pre-test Right Total:Tissue (g) & Post-test Right Total:Tissue (g)	68	0.873	0.000
Pair 9	Pre-test Arms:Tissue (g) & Post-test Arms:Tissue (g)	68	0.811	0.000
Pair 10	Pre-test Legs:Tissue(g) & Post-test Legs:Tissue(g)	68	0.897	0.000
Pair 11	Pre-test Trunk:Tissue (g) & Post-test Trunk:Tissue (g)	68	0.885	0.000
Pair 12	Pre-test Total:Tissue (g) & Post-test Total:Tissue (g)	68	0.883	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Left Arm:Tissue (g) - Post-test Left Arm:Tissue (g)	-6.353	370.554	44.936	-96.046	83.340	-0.141	67	0.888
Pair 2	Pre-test Left Leg:Tissue(g) - Post-test Left Leg:Tissue(g)	-302.27941	877.33228	106.39217	-514.63907	-89.91976	-2.841	67	0.006
Pair 3	Pre-test Left trunk:Tissue (g) - Post-test Left trunk:Tissue (g)	19.61765	898.58179	108.96905	-197.88548	237.12078	0.180	67	0.858
Pair 4	Pre-test Left Total:Tissue (g) - Post-test Left Total:Tissue (g)	-153.75000	2,033.56788	246.60633	-645.97829	338.47829	-0.623	67	0.535
Pair 5	Pre-test Right Arm:Tissue (g) - Post-test Right Arm:Tissue (g)	-149.676	366.554	44.451	-238.401	-60.951	-3.367	67	0.001
Pair 6	Pre-test Right Leg:Tissue(g) - Post-test Right Leg:Tissue(g)	-457.04412	886.80124	107.54045	-671.69575	-242.39249	-4.250	67	0.000
Pair 7	Pre-test Right trunk:Tissue (g) - Post-test Right trunk:Tissue (g)	-23.603	904.178	109.648	-242.461	195.255	-0.215	67	0.830
Pair 8	Pre-test Right Total:Tissue (g) - Post-test Right Total:Tissue (g)	-689.426	2,068.078	250.791	-1,190.008	-188.845	-2.749	67	0.008
Pair 9	Pre-test Arms:Tissue (g) - Post-test Arms:Tissue (g)	-156.07353	663.66104	80.48072	-316.71372	4.56667	-1.939	67	0.057
Pair 10	Pre-test Legs:Tissue(g) - Post-test Legs:Tissue(g)	-755.324	1,663.890	201.776	-1,158.071	-352.576	-3.743	67	0.000
Pair 11	Pre-test Trunk:Tissue (g) - Post-test Trunk:Tissue (g)	4.66176	1,743.22473	211.39705	-417.28851	426.61204	0.022	67	0.982
Pair 12	Pre-test Total:Tissue (g) - Post-test Total:Tissue (g)	-843.162	3,921.365	475.535	-1,792.334	106.011	-1.773	67	0.081

T-Test DIFFERENCES BETWEEN PRE AND POST: BODY COMPOSITION - FAT(G)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Left Arm:Fat (g)	925.69	68	428.440	51.956
	Post-test Left Arm:Fat (g)	757.25	68	330.375	40.064
Pair 2	Pre-test Left Leg:Fat(g)	4,776.46	68	1,528.168	185.318
	Post-test Left Leg:Fat(g)	5,031.38	68	3,319.915	402.599
Pair 3	Pre-test Left trunk:Fat (g)	4,770.16	68	1,693.248	205.336
	Post-test Left trunk:Fat (g)	3,954.04	68	1,310.609	158.935
Pair 4	Pre-test Left Total:Fat (g)	10,858.0279	68	3,561.84859	431.93759
	Post-test Left Total:Fat (g)	9,671.34	68	2,819.161	341.873
Pair 5	Pre-test Right Arm:Fat (g)	868.32	68	373.544	45.299
	Post-test Right Arm:Fat (g)	746.13	68	296.516	35.958
Pair 6	Pre-test Right Leg:Fat(g)	4,619.29	68	1,555.337	188.612
	Post-test Right Leg:Fat(g)	4,582.74	68	1,256.836	152.414
Pair 7	Pre-test Right trunk:Fat (g)	4,809.88	68	1,745.394	211.660
	Post-test Right trunk:Fat (g)	3,995.16	68	1,353.039	164.080
Pair 8	Pre-test Right Total:Fat (g)	10,722.2794	68	3,569.26167	432.83656
	Post-test Right Total:Fat (g)	9,684.50	68	2,812.026	341.008
Pair 9	Pre-test Arms:Fat (g)	1,793.94	68	795.895	96.516
	Post-test Arms:Fat (g)	1,503.41	68	617.136	74.839
Pair 10	Pre-test Legs:Fat(g)	9,439.87	68	3,048.775	369.718
	Post-test Legs:Fat(g)	9,217.06	68	2,543.966	308.501
Pair 11	Pre-test Trunk:Fat (g)	9,579.9118	68	3,429.77753	415.92162
	Post-test Trunk:Fat (g)	7,949.21	68	2,652.892	321.710
Pair 12	Pre-test Total:Fat (g)	21,580.3088	68	7,126.93677	864.26803
	Post-test Total:Fat (g)	19,355.72	68	5,618.609	681.356

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Left Arm:Fat (g) & Post-test Left Arm:Fat (g)	68	0.845	0.000
Pair 2	Pre-test Left Leg:Fat(g) & Post-test Left Leg:Fat(g)	68	0.245	0.044
Pair 3	Pre-test Left trunk:Fat (g) & Post-test Left trunk:Fat (g)	68	0.846	0.000
Pair 4	Pre-test Left Total:Fat (g) & Post-test Left Total:Fat (g)	68	0.884	0.000
Pair 5	Pre-test Right Arm:Fat (g) & Post-test Right Arm:Fat (g)	68	0.811	0.000
Pair 6	Pre-test Right Leg:Fat(g) & Post-test Right Leg:Fat(g)	68	0.907	0.000
Pair 7	Pre-test Right trunk:Fat (g) & Post-test Right trunk:Fat (g)	68	0.847	0.000
Pair 8	Pre-test Right Total:Fat (g) & Post-test Right Total:Fat (g)	68	0.881	0.000
Pair 9	Pre-test Arms:Fat (g) & Post-test Arms:Fat (g)	68	0.835	0.000
Pair 10	Pre-test Legs:Fat(g) & Post-test Legs:Fat(g)	68	0.922	0.000
Pair 11	Pre-test Trunk:Fat (g) & Post-test Trunk:Fat (g)	68	0.847	0.000
Pair 12	Pre-test Total:Fat (g) & Post-test Total:Fat (g)	68	0.884	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Left Arm:Fat (g) - Post-test Left Arm:Fat (g)	168.441	231.578	28.083	112.387	224.495	5.998	67	0.000
Pair 2	Pre-test Left Leg:Fat(g) - Post-test Left Leg:Fat(g)	-254.926	3,297.131	399.836	-1,053.002	543.149	-0.638	67	0.526
Pair 3	Pre-test Left trunk:Fat (g) - Post-test Left trunk:Fat (g)	816.118	911.061	110.482	595.594	1,036.641	7.387	67	0.000
Pair 4	Pre-test Left Total:Fat (g) - Post-test Left Total:Fat (g)	1,186.68971	1,697.46917	205.84837	775.81463	1,597.56478	5.765	67	0.000
Pair 5	Pre-test Right Arm:Fat (g) - Post-test Right Arm:Fat (g)	122.191	218.794	26.533	69.232	175.151	4.605	67	0.000
Pair 6	Pre-test Right Leg:Fat(g) - Post-test Right Leg:Fat(g)	36.559	671.657	81.450	-126.017	199.134	0.449	67	0.655
Pair 7	Pre-test Right trunk:Fat (g) - Post-test Right trunk:Fat (g)	814.721	935.209	113.411	588.352	1,041.089	7.184	67	0.000
Pair 8	Pre-test Right Total:Fat (g) - Post-test Right Total:Fat (g)	1,037.77941	1,718.33182	208.37834	621.85450	1,453.70432	4.980	67	0.000
Pair 9	Pre-test Arms:Fat (g) - Post-test Arms:Fat (g)	290.529	440.361	53.402	183.939	397.119	5.440	67	0.000
Pair 10	Pre-test Legs:Fat(g) - Post-test Legs:Fat(g)	222.809	1,210.428	146.786	-70.177	515.795	1.518	67	0.134
Pair 11	Pre-test Trunk:Fat (g) - Post-test Trunk:Fat (g)	1,630.70588	1,839.17957	223.03328	1,185.52959	2,075.88218	7.311	67	0.000
Pair 12	Pre-test Total:Fat (g) - Post-test Total:Fat (g)	2,224.58824	3,397.11699	411.96095	1,402.31075	3,046.86572	5.400	67	0.000

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST - BODY COMPOSITION: LEAN (G)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error
					Mean
Pair 1	Pre-test Left Arm:Lean (g)	1,983.44	68	311.112	37.728
	Post-test Left Arm:Lean (g)	2,158.49	68	356.110	43.185
Pair 2	Pre-test Left Leg:Lean(g)	6,296.19	68	679.156	82.360
	Post-test Left Leg:Lean(g)	6,736.65	68	801.571	97.205
Pair 3	Pre-test Left trunk:Lean (g)	7,812.87	68	826.317	100.206
	Post-test Left trunk:Lean (g)	8,609.41	68	902.177	109.405
Pair 4	Pre-test Left Total:Lean (g)	17,670.4265	68	1,702.33810	206.43882
	Post-test Left Total:Lean (g)	19,010.88	68	1,946.802	236.084
Pair 5	Pre-test Right Arm:Lean (g)	1,878.90	68	295.006	35.775
	Post-test Right Arm:Lean (g)	2,150.78	68	359.969	43.653
Pair 6	Pre-test Right Leg:Lean(g)	6,136.7647	68	715.56107	86.77453
	Post-test Right Leg:Lean(g)	7,471.82	68	6,547.146	793.958
Pair 7	Pre-test Right trunk:Lean (g)	7,859.99	68	911.607	110.549
	Post-test Right trunk:Lean (g)	8,689.47	68	940.528	114.056
Pair 8	Pre-test Right Total:Lean (g)	17,441.7059	68	1,815.47163	220.15827
	Post-test Right Total:Lean (g)	19,168.94	68	1,994.496	241.868
Pair 9	Pre-test Arms:Lean (g)	3,862.29	68	573.933	69.600
	Post-test Arms:Lean (g)	4,308.96	68	647.917	78.571
Pair 10	Pre-test Legs:Lean(g)	12,433.0221	68	1,375.92800	166.85578
	Post-test Legs:Lean(g)	13,411.26	68	1,599.078	193.917
Pair 11	Pre-test Trunk:Lean (g)	15,672.79	68	1,694.808	205.526
	Post-test Trunk:Lean (g)	17,298.87	68	1,768.274	214.435
Pair 12	Pre-test Total:Lean (g)	35,112.16	68	3,480.939	422.126
	Post-test Total:Lean (g)	38,179.76	68	3,821.065	463.372

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Left Arm:Lean (g) & Post-test Left Arm:Lean (g)	68	0.858	0.000
Pair 2	Pre-test Left Leg:Lean(g) & Post-test Left Leg:Lean(g)	68	0.866	0.000
Pair 3	Pre-test Left trunk:Lean (g) & Post-test Left trunk:Lean (g)	68	0.873	0.000
Pair 4	Pre-test Left Total:Lean (g) & Post-test Left Total:Lean (g)	68	0.908	0.000
Pair 5	Pre-test Right Arm:Lean (g) & Post-test Right Arm:Lean (g)	68	0.851	0.000
Pair 6	Pre-test Right Leg:Lean(g) & Post-test Right Leg:Lean(g)	68	0.008	0.948
Pair 7	Pre-test Right trunk:Lean (g) & Post-test Right trunk:Lean (g)	68	0.904	0.000
Pair 8	Pre-test Right Total:Lean (g) & Post-test Right Total:Lean (g)	68	0.910	0.000
Pair 9	Pre-test Arms:Lean (g) & Post-test Arms:Lean (g)	68	0.896	0.000
Pair 10	Pre-test Legs:Lean(g) & Post-test Legs:Lean(g)	68	0.891	0.000
Pair 11	Pre-test Trunk:Lean (g) & Post-test Trunk:Lean (g)	68	0.897	0.000
Pair 12	Pre-test Total:Lean (g) & Post-test Total:Lean (g)	68	0.932	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Left Arm:Lean (g) - Post-test Left Arm:Lean (g)	-175.044	182.725	22.159	-219.273	-130.815	-7.900	67	0.000
Pair 2	Pre-test Left Leg:Lean(g) - Post-test Left Leg:Lean(g)	-440.456	401.043	48.634	-537.529	-343.383	-9.057	67	0.000
Pair 3	Pre-test Left trunk:Lean (g) - Post-test Left trunk:Lean (g)	-796.544	442.502	53.661	-903.652	-689.436	-14.844	67	0.000
Pair 4	Pre-test Left Total:Lean (g) - Post-test Left Total:Lean (g)	-1,340.45588	819.40054	99.36691	-1,538.79307	-1,142.11870	-13.490	67	0.000
Pair 5	Pre-test Right Arm:Lean (g) - Post-test Right Arm:Lean (g)	-271.882	189.383	22.966	-317.723	-226.042	-11.838	67	0.000
Pair 6	Pre-test Right Leg:Lean(g) - Post-test Right Leg:Lean(g)	-1,335.05882	6,580.39048	797.98956	-2,927.85265	257.73500	-1.673	67	0.099
Pair 7	Pre-test Right trunk:Lean (g) - Post-test Right trunk:Lean (g)	-829.485	406.706	49.320	-927.929	-731.041	-16.818	67	0.000
Pair 8	Pre-test Right Total:Lean (g) - Post-test Right Total:Lean (g)	-1,727.23529	828.03126	100.41354	-1,927.66156	-1,526.80903	-17.201	67	0.000
Pair 9	Pre-test Arms:Lean (g) - Post-test Arms:Lean (g)	-446.662	287.662	34.884	-516.291	-377.033	-12.804	67	0.000
Pair 10	Pre-test Legs:Lean(g) - Post-test Legs:Lean(g)	-978.24265	727.23971	88.19077	-1,154.27216	-802.21313	-11.092	67	0.000
Pair 11	Pre-test Trunk:Lean (g) - Post-test Trunk:Lean (g)	-1,626.074	789.025	95.683	-1,817.058	-1,435.089	-16.994	67	0.000
Pair 12	Pre-test Total:Lean (g) - Post-test Total:Lean (g)	-3,067.603	1,390.083	168.572	-3,404.075	-2,731.131	-18.198	67	0.000

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST - BODY COMPOSITION :BONE MINERAL CONTENT (G) AND TOTAL MASS

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Left Arm:Bone Mineral Content (g)	140.69	68	21.480	2.605
	Post-test Left Arm:Bone Mineral Content (g)	139.16	68	22.413	2.718
Pair 2	Pre-test Left Leg:Bone Mineral Content(g)	441.93	68	57.470	6.969
	Post-test Left Leg:Bone Mineral Content(g)	447.40	68	59.428	7.207
Pair 3	Pre-test Left trunk:Bone Mineral Content (g)	406.57	68	74.178	8.995
	Post-test Left trunk:Bone Mineral Content (g)	383.96	68	83.884	10.172
Pair 4	Pre-test Left Total:Bone Mineral Content (g)	1,233.96	68	159.143	19.299
	Post-test Left Total:Bone Mineral Content (g)	1,196.56	68	171.751	20.828
Pair 5	Pre-test Right Arm:Bone Mineral Content (g)	141.35	68	21.690	2.630
	Post-test Right Arm:Bone Mineral Content (g)	142.53	68	22.853	2.771
Pair 6	Pre-test Right Leg:Bone Mineral Content(g)	438.72	68	60.954	7.392
	Post-test Right Leg:Bone Mineral Content(g)	447.15	68	63.327	7.680
Pair 7	Pre-test Right trunk:Bone Mineral Content (g)	392.78	68	74.755	9.065
	Post-test Right trunk:Bone Mineral Content (g)	394.91	68	74.695	9.058
Pair 8	Pre-test Right Total:Bone Mineral Content (g)	1,216.51	68	162.316	19.684
	Post-test Right Total:Bone Mineral Content (g)	1,230.38	68	171.780	20.831
Pair 9	Pre-test Arms:Bone Mineral Content (g)	281.97	68	41.987	5.092
	Post-test Arms:Bone Mineral Content (g)	281.81	68	43.590	5.286
Pair 10	Pre-test Legs:Bone Mineral Content(g)	879.49	68	116.892	14.175
	Post-test Legs:Bone Mineral Content(g)	894.49	68	120.616	14.627
Pair 11	Pre-test Trunk:Bone Mineral Content (g)	797.97	68	148.196	17.971
	Post-test Trunk:Bone Mineral Content (g)	778.91	68	150.825	18.290
Pair 12	Pre-test Total:Bone Mineral Content (g)	2,450.59	68	312.907	37.946
	Post-test Total:Bone Mineral Content (g)	2,427.03	68	324.920	39.402
Pair 13	Pre-test Total Mass (Kg)	59.147	68	8.5421	1.0359
	Post-test Total Mass (Kg)	59.963	68	7.4765	0.9067

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Left Arm:Bone Mineral Content (g) & Post-test Left Arm:Bone Mineral Content (g)	68	0.969	0.000
Pair 2	Pre-test Left Leg:Bone Mineral Content(g) & Post-test Left Leg:Bone Mineral Content(g)	68	0.962	0.000
Pair 3	Pre-test Left trunk:Bone Mineral Content (g) & Post-test Left trunk:Bone Mineral Content (g)	68	0.837	0.000
Pair 4	Pre-test Left Total:Bone Mineral Content (g) & Post-test Left Total:Bone Mineral Content (g)	68	0.912	0.000
Pair 5	Pre-test Right Arm:Bone Mineral Content (g) & Post-test Right Arm:Bone Mineral Content (g)	68	0.960	0.000
Pair 6	Pre-test Right Leg:Bone Mineral Content(g) & Post-test Right Leg:Bone Mineral Content(g)	68	0.975	0.000
Pair 7	Pre-test Right trunk:Bone Mineral Content (g) & Post-test Right trunk:Bone Mineral Content (g)	68	0.804	0.000
Pair 8	Pre-test Right Total:Bone Mineral Content (g) & Post-test Right Total:Bone Mineral Content (g)	68	0.896	0.000
Pair 9	Pre-test Arms:Bone Mineral Content (g) & Post-test Arms:Bone Mineral Content (g)	68	0.976	0.000
Pair 10	Pre-test Legs:Bone Mineral Content(g) & Post-test Legs:Bone Mineral Content(g)	68	0.976	0.000
Pair 11	Pre-test Trunk:Bone Mineral Content (g) & Post-test Trunk:Bone Mineral Content (g)	68	0.864	0.000
Pair 12	Pre-test Total:Bone Mineral Content (g) & Post-test Total:Bone Mineral Content (g)	68	0.951	0.000
Pair 13	Pre-test Total Mass (Kg) & Post-test Total Mass (Kg)	68	0.885	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Left Arm:Bone Mineral Content (g) - Post-test Left Arm:Bone Mineral Content (g)	1.529	5.519	0.669	0.193	2.865	2.285	67	0.025
Pair 2	Pre-test Left Leg:Bone Mineral Content(g) - Post-test Left Leg:Bone Mineral Content(g)	-5.471	16.281	1.974	-9.411	-1.530	-2.771	67	0.007
Pair 3	Pre-test Left trunk:Bone Mineral Content (g) - Post-test Left trunk:Bone Mineral Content (g)	22.618	46.012	5.580	11.480	33.755	4.053	67	0.000
Pair 4	Pre-test Left Total:Bone Mineral Content (g) - Post-test Left Total:Bone Mineral Content (g)	37.397	70.505	8.550	20.331	54.463	4.374	67	0.000
Pair 5	Pre-test Right Arm:Bone Mineral Content (g) - Post-test Right Arm:Bone Mineral Content (g)	-1.176	6.383	0.774	-2.722	0.369	-1.520	67	0.133
Pair 6	Pre-test Right Leg:Bone Mineral Content(g) - Post-test Right Leg:Bone Mineral Content(g)	-8.426	14.110	1.711	-11.842	-5.011	-4.925	67	0.000
Pair 7	Pre-test Right trunk:Bone Mineral Content (g) - Post-test Right trunk:Bone Mineral Content (g)	-2.132	46.787	5.674	-13.457	9.192	-0.376	67	0.708
Pair 8	Pre-test Right Total:Bone Mineral Content (g) - Post-test Right Total:Bone Mineral Content (g)	-13.868	76.787	9.312	-32.454	4.719	-1.489	67	0.141
Pair 9	Pre-test Arms:Bone Mineral Content (g) - Post-test Arms:Bone Mineral Content (g)	0.162	9.470	1.148	-2.131	2.454	0.141	67	0.888
Pair 10	Pre-test Legs:Bone Mineral Content(g) - Post-test Legs:Bone Mineral Content(g)	-15.000	26.511	3.215	-21.417	-8.583	-4.666	67	0.000
Pair 11	Pre-test Trunk:Bone Mineral Content (g) - Post-test Trunk:Bone Mineral Content (g)	19.059	77.894	9.446	0.204	37.913	2.018	67	0.048
Pair 12	Pre-test Total:Bone Mineral Content (g) - Post-test Total:Bone Mineral Content (g)	23.559	100.667	12.208	-0.808	47.925	1.930	67	0.058
Pair 13	Pre-test Total Mass (Kg) - Post-test Total Mass (Kg)	-0.8162	3.9720	0.4817	-1.7776	0.1453	-1.694	67	0.095

T-Test: TEST DIFFERENCES BETWEEN PRE AND POST: ANCILLARY HEALTH - AP SPINE: BONE MINERAL DENSITY (G/CM)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test T12:Bone Mineral Density (g/cm2)	1.4213	25	1.86181	0.37236
	Post-test T12:Bone Mineral Density (g/cm2)	1.0167	25	0.12903	0.02581
Pair 2	Pre-test L1:Bone Mineral Density (g/cm2)	1.1078	68	0.12691	0.01539
	Post-test L1:Bone Mineral Density (g/cm2)	1.0924	68	0.12903	0.01565
Pair 3	Pre-test L2:Bone Mineral Density (g/cm2)	1.1755	68	0.14026	0.01701
	Post-test L2:Bone Mineral Density (g/cm2)	1.1833	68	0.13178	0.01598
Pair 4	Pre-test L3:Bone Mineral Density (g/cm2)	1.2242	68	0.13661	0.01657
	Post-test L3:Bone Mineral Density (g/cm2)	1.2257	68	0.11860	0.01438
Pair 5	Pre-test L4:Bone Mineral Density (g/cm2)	1.1769	68	0.11742	0.01424
	Post-test L4:Bone Mineral Density (g/cm2)	1.1765	68	0.12435	0.01508
Pair 6	Pre-test L1-L2:Bone Mineral Density (g/cm2)	1.1447	68	0.12593	0.01527
	Post-test L1-L2:Bone Mineral Density (g/cm2)	1.1277	68	0.17628	0.02138
Pair 7	Pre-test L1-L3:Bone Mineral Density (g/cm2)	1.1763	68	0.12061	0.01463
	Post-test L1-L3:Bone Mineral Density (g/cm2)	1.1645	68	0.14430	0.01750
Pair 8	Pre-test L1-L4:Bone Mineral Density (g/cm2)	1.1761	68	0.11633	0.01411
	Post-test L1-L4:Bone Mineral Density (g/cm2)	1.1725	68	0.11916	0.01445
Pair 9	Pre-test L2-L3:Bone Mineral Density (g/cm2)	1.2060	68	0.12282	0.01489
	Post-test L2-L3:Bone Mineral Density (g/cm2)	1.2054	68	0.12248	0.01485
Pair 10	Pre-test L2-L4:Bone Mineral Density (g/cm2)	1.1943	68	0.11750	0.01425
	Post-test L2-L4:Bone Mineral Density (g/cm2)	1.1944	68	0.11988	0.01454
Pair 11	Pre-test L3-L4:Bone Mineral Density (g/cm2)	1.2006	68	0.11692	0.01418
	Post-test L3-L4:Bone Mineral Density (g/cm2)	1.1991	68	0.11897	0.01443

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test T12:Bone Mineral Density (g/cm2) & Post-test T12:Bone Mineral Density (g/cm2)	25	0.230	0.269
Pair 2	Pre-test L1:Bone Mineral Density (g/cm2) & Post-test L1:Bone Mineral Density (g/cm2)	68	0.962	0.000
Pair 3	Pre-test L2:Bone Mineral Density (g/cm2) & Post-test L2:Bone Mineral Density (g/cm2)	68	0.947	0.000
Pair 4	Pre-test L3:Bone Mineral Density (g/cm2) & Post-test L3:Bone Mineral Density (g/cm2)	68	0.920	0.000
Pair 5	Pre-test L4:Bone Mineral Density (g/cm2) & Post-test L4:Bone Mineral Density (g/cm2)	68	0.962	0.000
Pair 6	Pre-test L1-L2:Bone Mineral Density (g/cm2) & Post-test L1-L2:Bone Mineral Density (g/cm2)	68	0.834	0.000
Pair 7	Pre-test L1-L3:Bone Mineral Density (g/cm2) & Post-test L1-L3:Bone Mineral Density (g/cm2)	68	0.898	0.000
Pair 8	Pre-test L1-L4:Bone Mineral Density (g/cm2) & Post-test L1-L4:Bone Mineral Density (g/cm2)	68	0.981	0.000
Pair 9	Pre-test L2-L3:Bone Mineral Density (g/cm2) & Post-test L2-L3:Bone Mineral Density (g/cm2)	68	0.973	0.000
Pair 10	Pre-test L2-L4:Bone Mineral Density (g/cm2) & Post-test L2-L4:Bone Mineral Density (g/cm2)	68	0.980	0.000
Pair 11	Pre-test L3-L4:Bone Mineral Density (g/cm2) & Post-test L3-L4:Bone Mineral Density (g/cm2)	68	0.976	0.000

Paired Samples Test

		Paired Differences							
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the		t	df	Sig. (2-tailed)
					Upper	Lower			
Pair 1	Pre-test T12:Bone Mineral Density (g/cm2) - Post-test T12:Bone Mineral Density (g/cm2)	0.40460	1.83646	0.36729	-0.35345	1.16265	1.102	24	0.282
Pair 2	Pre-test L1:Bone Mineral Density (g/cm2) - Post-test L1:Bone Mineral Density (g/cm2)	0.01535	0.03528	0.00428	0.00681	0.02389	3.588	67	0.001
Pair 3	Pre-test L2:Bone Mineral Density (g/cm2) - Post-test L2:Bone Mineral Density (g/cm2)	-0.00777	0.04510	0.00547	-0.01869	0.00314	-1.422	67	0.160
Pair 4	Pre-test L3:Bone Mineral Density (g/cm2) - Post-test L3:Bone Mineral Density (g/cm2)	-0.00144	0.05393	0.00654	-0.01449	0.01162	-0.219	67	0.827
Pair 5	Pre-test L4:Bone Mineral Density (g/cm2) - Post-test L4:Bone Mineral Density (g/cm2)	0.00043	0.03417	0.00414	-0.00784	0.00870	0.103	67	0.918
Pair 6	Pre-test L1-L2:Bone Mineral Density (g/cm2) - Post-test L1-L2:Bone Mineral Density (g/cm2)	0.01707	0.09958	0.01208	-0.00703	0.04118	1.414	67	0.162
Pair 7	Pre-test L1-L3:Bone Mineral Density (g/cm2) - Post-test L1-L3:Bone Mineral Density (g/cm2)	0.01181	0.06403	0.00776	-0.00369	0.02731	1.521	67	0.133
Pair 8	Pre-test L1-L4:Bone Mineral Density (g/cm2) - Post-test L1-L4:Bone Mineral Density (g/cm2)	0.00360	0.02298	0.00279	-0.00196	0.00917	1.293	67	0.201
Pair 9	Pre-test L2-L3:Bone Mineral Density (g/cm2) - Post-test L2-L3:Bone Mineral Density (g/cm2)	0.00053	0.02854	0.00346	-0.00638	0.00744	0.153	67	0.879
Pair 10	Pre-test L2-L4:Bone Mineral Density (g/cm2) - Post-test L2-L4:Bone Mineral Density (g/cm2)	-0.00010	0.02369	0.00287	-0.00584	0.00563	-0.036	67	0.972
Pair 11	Pre-test L3-L4:Bone Mineral Density (g/cm2) - Post-test L3-L4:Bone Mineral Density (g/cm2)	0.00141	0.02603	0.00316	-0.00489	0.00771	0.447	67	0.656

T-Test: TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: YOUNG ADULT %

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test L1 Young Adult %	98.13	68	10.939	1.327
	Post-test L1 Young Adult %	96.65	68	11.349	1.376
Pair 2	Pre-test L2 Young Adult %	98.31	68	11.011	1.335
	Post-test L2 Young Adult %	98.63	68	11.037	1.338
Pair 3	Pre-test L3 Young Adult %	102.53	68	10.051	1.219
	Post-test L3 Young Adult %	102.18	68	9.899	1.200
Pair 4	Pre-test L4 Young Adult %	97.88	68	10.026	1.216
	Post-test L4 Young Adult %	98.06	68	10.415	1.263
Pair 5	Pre-test L1-L2 Young Adult %	99.59	68	10.966	1.330
	Post-test L1-L2 Young Adult %	99.13	68	11.091	1.345
Pair 6	Pre-test L1-L3 Young Adult %	100.49	68	10.540	1.278
	Post-test L1-L3 Young Adult %	100.07	68	10.426	1.264
Pair 7	Pre-test L1-L4 Young Adult %	99.72	68	9.807	1.189
	Post-test L1-L4 Young Adult %	99.40	68	10.144	1.230
Pair 8	Pre-test L2-L3 Young Adult %	100.46	68	10.234	1.241
	Post-test L2-L3 Young Adult %	100.41	68	10.229	1.240
Pair 9	Pre-test L2-L4 Young Adult %	99.51	68	9.825	1.191
	Post-test L2-L4 Young Adult %	99.53	68	9.983	1.211
Pair 10	Pre-test L3-L4 Young Adult %	100.07	68	9.717	1.178
	Post-test L3-L4 Young Adult %	99.90	68	9.868	1.197

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test L1 Young Adult % & Post-test L1 Young Adult %	68	0.963	0.000
Pair 2	Pre-test L2 Young Adult % & Post-test L2 Young Adult %	68	0.953	0.000
Pair 3	Pre-test L3 Young Adult % & Post-test L3 Young Adult %	68	0.964	0.000
Pair 4	Pre-test L4 Young Adult % & Post-test L4 Young Adult %	68	0.963	0.000
Pair 5	Pre-test L1-L2 Young Adult % & Post-test L1-L2 Young Adult %	68	0.973	0.000
Pair 6	Pre-test L1-L3 Young Adult % & Post-test L1-L3 Young Adult %	68	0.976	0.000
Pair 7	Pre-test L1-L4 Young Adult % & Post-test L1-L4 Young Adult %	68	0.979	0.000
Pair 8	Pre-test L2-L3 Young Adult % & Post-test L2-L3 Young Adult %	68	0.973	0.000
Pair 9	Pre-test L2-L4 Young Adult % & Post-test L2-L4 Young Adult %	68	0.981	0.000
Pair 10	Pre-test L3-L4 Young Adult % & Post-test L3-L4 Young Adult %	68	0.975	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test L1 Young Adult % - Post-test L1 Young Adult %	1.485	3.054	0.370	0.746	2.225	4.010	67	0.000
Pair 2	Pre-test L2 Young Adult % - Post-test L2 Young Adult %	-0.324	3.383	0.410	-1.142	0.495	-0.789	67	0.433
Pair 3	Pre-test L3 Young Adult % - Post-test L3 Young Adult %	0.353	2.686	0.326	-0.297	1.003	1.083	67	0.283
Pair 4	Pre-test L4 Young Adult % - Post-test L4 Young Adult %	-0.176	2.823	0.342	-0.860	0.507	-0.516	67	0.608
Pair 5	Pre-test L1-L2 Young Adult % - Post-test L1-L2 Young Adult %	0.456	2.588	0.314	-0.171	1.082	1.452	67	0.151
Pair 6	Pre-test L1-L3 Young Adult % - Post-test L1-L3 Young Adult %	0.412	2.307	0.280	-0.147	0.970	1.472	67	0.146
Pair 7	Pre-test L1-L4 Young Adult % - Post-test L1-L4 Young Adult %	0.324	2.076	0.252	-0.179	0.826	1.285	67	0.203
Pair 8	Pre-test L2-L3 Young Adult % - Post-test L2-L3 Young Adult %	0.044	2.397	0.291	-0.536	0.624	0.152	67	0.880
Pair 9	Pre-test L2-L4 Young Adult % - Post-test L2-L4 Young Adult %	-0.015	1.958	0.237	-0.489	0.459	-0.062	67	0.951
Pair 10	Pre-test L3-L4 Young Adult % - Post-test L3-L4 Young Adult %	0.176	2.192	0.266	-0.354	0.707	0.664	67	0.509

T-Test: TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: YOUNG ADULT T-SCORE

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test L1 Young Adult T-score	-0.174	68	1.0373	0.1258
	Post-test L1 Young Adult T-score	-0.316	68	1.0778	0.1307
Pair 2	Pre-test L2 Young Adult T-score	-0.169	68	1.1011	0.1335
	Post-test L2 Young Adult T-score	-0.137	68	1.1037	0.1338
Pair 3	Pre-test L3 Young Adult T-score	0.247	68	1.0084	0.1223
	Post-test L3 Young Adult T-score	0.218	68	0.9899	0.1200
Pair 4	Pre-test L4 Young Adult T-score	-0.204	68	0.9903	0.1201
	Post-test L4 Young Adult T-score	-0.194	68	1.0415	0.1263
Pair 5	Pre-test L1-L2 Young Adult T-score	-0.041	68	1.0381	0.1259
	Post-test L1-L2 Young Adult T-score	-0.09	68	1.056	0.128
Pair 6	Pre-test L1-L3 Young Adult T-score	0.053	68	1.0025	0.1216
	Post-test L1-L3 Young Adult T-score	0.012	68	1.0193	0.1236
Pair 7	Pre-test L1-L4 Young Adult T-score	-0.03	68	0.969	0.118
	Post-test L1-L4 Young Adult T-score	-0.057	68	0.9906	0.1201
Pair 8	Pre-test L2-L3 Young Adult T-score	0.046	68	1.0234	0.1241
	Post-test L2-L3 Young Adult T-score	0.041	68	1.0229	0.1240
Pair 9	Pre-test L2-L4 Young Adult T-score	-0.049	68	0.9825	0.1191
	Post-test L2-L4 Young Adult T-score	-0.047	68	0.9983	0.1211
Pair 10	Pre-test L3-L4 Young Adult T-score	0.01	68	0.972	0.118
	Post-test L3-L4 Young Adult T-score	0.02	68	1.028	0.125

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test L1 Young Adult T-score & Post-test L1 Young Adult T-score	68	0.963	0.000
Pair 2	Pre-test L2 Young Adult T-score & Post-test L2 Young Adult T-score	68	0.953	0.000
Pair 3	Pre-test L3 Young Adult T-score & Post-test L3 Young Adult T-score	68	0.961	0.000
Pair 4	Pre-test L4 Young Adult T-score & Post-test L4 Young Adult T-score	68	0.965	0.000
Pair 5	Pre-test L1-L2 Young Adult T-score & Post-test L1-L2 Young Adult T-score	68	0.971	0.000
Pair 6	Pre-test L1-L3 Young Adult T-score & Post-test L1-L3 Young Adult T-score	68	0.975	0.000
Pair 7	Pre-test L1-L4 Young Adult T-score & Post-test L1-L4 Young Adult T-score	68	0.981	0.000
Pair 8	Pre-test L2-L3 Young Adult T-score & Post-test L2-L3 Young Adult T-score	68	0.973	0.000
Pair 9	Pre-test L2-L4 Young Adult T-score & Post-test L2-L4 Young Adult T-score	68	0.981	0.000
Pair 10	Pre-test L3-L4 Young Adult T-score & Post-test L3-L4 Young Adult T-score	68	0.942	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test L1 Young Adult T-score - Post-test L1 Young Adult T-score	0.1426	0.2893	0.0351	0.0726	0.2127	4.066	67	0.000
Pair 2	Pre-test L2 Young Adult T-score - Post-test L2 Young Adult T-score	-0.0324	0.3383	0.0410	-0.1142	0.0495	-0.789	67	0.433
Pair 3	Pre-test L3 Young Adult T-score - Post-test L3 Young Adult T-score	0.0294	0.2802	0.0340	-0.0384	0.0972	0.866	67	0.390
Pair 4	Pre-test L4 Young Adult T-score - Post-test L4 Young Adult T-score	-0.0103	0.2733	0.0331	-0.0764	0.0558	-0.311	67	0.757
Pair 5	Pre-test L1-L2 Young Adult T-score - Post-test L1-L2 Young Adult T-score	0.0471	0.2518	0.0305	-0.0139	0.1080	1.541	67	0.128
Pair 6	Pre-test L1-L3 Young Adult T-score - Post-test L1-L3 Young Adult T-score	0.0412	0.2261	0.0274	-0.0135	0.0959	1.502	67	0.138
Pair 7	Pre-test L1-L4 Young Adult T-score - Post-test L1-L4 Young Adult T-score	0.0279	0.1899	0.0230	-0.0180	0.0739	1.213	67	0.229
Pair 8	Pre-test L2-L3 Young Adult T-score - Post-test L2-L3 Young Adult T-score	0.0044	0.2397	0.0291	-0.0536	0.0624	0.152	67	0.880
Pair 9	Pre-test L2-L4 Young Adult T-score - Post-test L2-L4 Young Adult T-score	-0.0015	0.1958	0.0237	-0.0489	0.0459	-0.062	67	0.951
Pair 10	Pre-test L3-L4 Young Adult T-score - Post-test L3-L4 Young Adult T-score	-0.012	0.346	0.042	-0.096	0.072	-0.280	67	0.780

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: AGE MATCHED %

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test L1 Age-matched %	99.72	68	11.434	1.387
	Post-test L1 Age-matched %	98.13	68	11.298	1.370
Pair 2	Pre-test L2 Age-matched %	99.76	68	11.436	1.387
	Post-test L2 Age-matched %	100.01	68	10.900	1.322
Pair 3	Pre-test L3 Age-matched %	103.99	68	10.341	1.254
	Post-test L3 Age-matched %	103.62	68	9.827	1.192
Pair 4	Pre-test L4 Age-matched %	99.35	68	10.157	1.232
	Post-test L4 Age-matched %	99.37	68	10.141	1.230
Pair 5	Pre-test L1-L2 Age-matched %	101.18	68	11.337	1.375
	Post-test L1-L2 Age-matched %	100.53	68	10.986	1.332
Pair 6	Pre-test L1-L3 Age-matched %	102.07	68	10.719	1.300
	Post-test L1-L3 Age-matched %	101.56	68	10.422	1.264
Pair 7	Pre-test L1-L4 Age-matched %	101.18	68	10.232	1.241
	Post-test L1-L4 Age-matched %	100.82	68	10.015	1.214
Pair 8	Pre-test L2-L3 Age-matched %	101.96	68	10.669	1.294
	Post-test L2-L3 Age-matched %	101.93	68	10.119	1.227
Pair 9	Pre-test L2-L4 Age-matched %	100.97	68	10.117	1.227
	Post-test L2-L4 Age-matched %	100.97	68	9.825	1.191
Pair 10	Pre-test L3-L4 Age-matched %	101.49	68	10.081	1.223
	Post-test L3-L4 Age-matched %	101.31	68	9.769	1.185

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test L1 Age-matched % & Post-test L1 Age-matched %	68	0.950	0.000
Pair 2	Pre-test L2 Age-matched % & Post-test L2 Age-matched %	68	0.944	0.000
Pair 3	Pre-test L3 Age-matched % & Post-test L3 Age-matched %	68	0.949	0.000
Pair 4	Pre-test L4 Age-matched % & Post-test L4 Age-matched %	68	0.943	0.000
Pair 5	Pre-test L1-L2 Age-matched % & Post-test L1-L2 Age-matched %	68	0.959	0.000
Pair 6	Pre-test L1-L3 Age-matched % & Post-test L1-L3 Age-matched %	68	0.963	0.000
Pair 7	Pre-test L1-L4 Age-matched % & Post-test L1-L4 Age-matched %	68	0.964	0.000
Pair 8	Pre-test L2-L3 Age-matched % & Post-test L2-L3 Age-matched %	68	0.959	0.000
Pair 9	Pre-test L2-L4 Age-matched % & Post-test L2-L4 Age-matched %	68	0.965	0.000
Pair 10	Pre-test L3-L4 Age-matched % & Post-test L3-L4 Age-matched %	68	0.957	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test L1 Age-matched % - Post-test L1 Age-matched %	1.588	3.596	0.436	0.718	2.459	3.642	67	0.001
Pair 2	Pre-test L2 Age-matched % - Post-test L2 Age-matched %	-0.250	3.791	0.460	-1.168	0.668	-0.544	67	0.588
Pair 3	Pre-test L3 Age-matched % - Post-test L3 Age-matched %	0.368	3.246	0.394	-0.418	1.153	0.934	67	0.354
Pair 4	Pre-test L4 Age-matched % - Post-test L4 Age-matched %	-0.015	3.432	0.416	-0.845	0.816	-0.035	67	0.972
Pair 5	Pre-test L1-L2 Age-matched % - Post-test L1-L2 Age-matched %	0.647	3.231	0.392	-0.135	1.429	1.651	67	0.103
Pair 6	Pre-test L1-L3 Age-matched % - Post-test L1-L3 Age-matched %	0.515	2.888	0.350	-0.184	1.214	1.469	67	0.146
Pair 7	Pre-test L1-L4 Age-matched % - Post-test L1-L4 Age-matched %	0.353	2.725	0.330	-0.307	1.013	1.068	67	0.289
Pair 8	Pre-test L2-L3 Age-matched % - Post-test L2-L3 Age-matched %	0.029	3.037	0.368	-0.706	0.765	0.080	67	0.937
Pair 9	Pre-test L2-L4 Age-matched % - Post-test L2-L4 Age-matched %	0.000	2.637	0.320	-0.638	0.638	0.000	67	1.000
Pair 10	Pre-test L3-L4 Age-matched % - Post-test L3-L4 Age-matched %	0.176	2.911	0.353	-0.528	0.881	0.500	67	0.619

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: AGE MATCHED Z-SCORE

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
		Pair 1	Pre-test L1 Age-matched Z-score	-0.031	68
	Post-test L1 Age-matched Z-score	-0.165	68	1.0336	0.1253
Pair 2	Pre-test L2 Age-matched Z-score	-0.031	68	1.1168	0.1354
	Post-test L2 Age-matched Z-score	0.003	68	1.0699	0.1297
Pair 3	Pre-test L3 Age-matched Z-score	0.379	68	1.0164	0.1233
	Post-test L3 Age-matched Z-score	0.357	68	0.9603	0.1165
Pair 4	Pre-test L4 Age-matched Z-score	-0.08	68	1.005	0.122
	Post-test L4 Age-matched Z-score	-0.056	68	0.9996	0.1212
Pair 5	Pre-test L1-L2 Age-matched Z-score	0.099	68	1.0557	0.1280
	Post-test L1-L2 Age-matched Z-score	0.071	68	1.0346	0.1255
Pair 6	Pre-test L1-L3 Age-matched Z-score	0.185	68	1.0116	0.1227
	Post-test L1-L3 Age-matched Z-score	0.149	68	0.9846	0.1194
Pair 7	Pre-test L1-L4 Age-matched Z-score	0.103	68	0.9862	0.1196
	Post-test L1-L4 Age-matched Z-score	0.088	68	0.9591	0.1163
Pair 8	Pre-test L2-L3 Age-matched Z-score	0.182	68	1.0362	0.1257
	Post-test L2-L3 Age-matched Z-score	0.19	68	0.996	0.121
Pair 9	Pre-test L2-L4 Age-matched Z-score	0.085	68	0.9990	0.1211
	Post-test L2-L4 Age-matched Z-score	0.094	68	0.9706	0.1177
Pair 10	Pre-test L3-L4 Age-matched Z-score	0.140	68	0.9921	0.1203
	Post-test L3-L4 Age-matched Z-score	0.134	68	0.9586	0.1163

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test L1 Age-matched Z-score & Post-test L1 Age-matched Z-score	68	0.951	0.000
Pair 2	Pre-test L2 Age-matched Z-score & Post-test L2 Age-matched Z-score	68	0.939	0.000
Pair 3	Pre-test L3 Age-matched Z-score & Post-test L3 Age-matched Z-score	68	0.955	0.000
Pair 4	Pre-test L4 Age-matched Z-score & Post-test L4 Age-matched Z-score	68	0.940	0.000
Pair 5	Pre-test L1-L2 Age-matched Z-score & Post-test L1-L2 Age-matched Z-score	68	0.953	0.000
Pair 6	Pre-test L1-L3 Age-matched Z-score & Post-test L1-L3 Age-matched Z-score	68	0.965	0.000
Pair 7	Pre-test L1-L4 Age-matched Z-score & Post-test L1-L4 Age-matched Z-score	68	0.966	0.000
Pair 8	Pre-test L2-L3 Age-matched Z-score & Post-test L2-L3 Age-matched Z-score	68	0.959	0.000
Pair 9	Pre-test L2-L4 Age-matched Z-score & Post-test L2-L4 Age-matched Z-score	68	0.965	0.000
Pair 10	Pre-test L3-L4 Age-matched Z-score & Post-test L3-L4 Age-matched Z-score	68	0.959	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test L1 Age-matched Z-score - Post-test L1 Age-matched Z-score	0.1338	0.3254	0.0395	0.0551	0.2126	3.392	67	0.001
Pair 2	Pre-test L2 Age-matched Z-score - Post-test L2 Age-matched Z-score	-0.0338	0.3846	0.0466	-0.1269	0.0593	-0.725	67	0.471
Pair 3	Pre-test L3 Age-matched Z-score - Post-test L3 Age-matched Z-score	0.0221	0.3002	0.0364	-0.0506	0.0947	0.606	67	0.547
Pair 4	Pre-test L4 Age-matched Z-score - Post-test L4 Age-matched Z-score	-0.0206	0.3471	0.0421	-0.1046	0.0634	-0.489	67	0.626
Pair 5	Pre-test L1-L2 Age-matched Z-score - Post-test L1-L2 Age-matched Z-score	0.0279	0.3218	0.0390	-0.0499	0.1058	0.716	67	0.476
Pair 6	Pre-test L1-L3 Age-matched Z-score - Post-test L1-L3 Age-matched Z-score	0.0368	0.2637	0.0320	-0.0271	0.1006	1.150	67	0.254
Pair 7	Pre-test L1-L4 Age-matched Z-score - Post-test L1-L4 Age-matched Z-score	0.0147	0.2535	0.0307	-0.0467	0.0761	0.478	67	0.634
Pair 8	Pre-test L2-L3 Age-matched Z-score - Post-test L2-L3 Age-matched Z-score	-0.0029	0.2932	0.0356	-0.0739	0.0680	-0.083	67	0.934
Pair 9	Pre-test L2-L4 Age-matched Z-score - Post-test L2-L4 Age-matched Z-score	-0.0088	0.2636	0.0320	-0.0726	0.0550	-0.276	67	0.783
Pair 10	Pre-test L3-L4 Age-matched Z-score - Post-test L3-L4 Age-matched Z-score	0.0059	0.2823	0.0342	-0.0624	0.0742	0.172	67	0.864

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: BONE MINERAL CONTENT (G)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test T12:Bone Mineral Content (g)	10.172	25	1.7492	0.3498
	Post-test T12:Bone Mineral Content (g)	9.996	25	1.7794	0.3559
Pair 2	Pre-test L1:Bone Mineral Content (g)	11.622	68	2.0705	0.2511
	Post-test L1:Bone Mineral Content (g)	11.446	68	2.1021	0.2549
Pair 3	Pre-test L2:Bone Mineral Content (g)	13.203	68	2.1686	0.2630
	Post-test L2:Bone Mineral Content (g)	13.326	68	2.1725	0.2635
Pair 4	Pre-test L3:Bone Mineral Content (g)	15.481	68	2.4872	0.3016
	Post-test L3:Bone Mineral Content (g)	15.594	68	2.3806	0.2887
Pair 5	Pre-test L4:Bone Mineral Content (g)	17.037	68	2.6051	0.3159
	Post-test L4:Bone Mineral Content (g)	17.116	68	2.6662	0.3233
Pair 6	Pre-test L1-L2:Bone Mineral Content (g)	24.815	68	4.1208	0.4997
	Post-test L1-L2:Bone Mineral Content (g)	24.772	68	4.1503	0.5033
Pair 7	Pre-test L1-L3:Bone Mineral Content (g)	40.299	68	6.4598	0.7834
	Post-test L1-L3:Bone Mineral Content (g)	40.365	68	6.4002	0.7761
Pair 8	Pre-test L1-L4:Bone Mineral Content (g)	57.343	68	8.7318	1.0589
	Post-test L1-L4:Bone Mineral Content (g)	57.493	68	8.7663	1.0631
Pair 9	Pre-test L2-L3:Bone Mineral Content (g)	28.681	68	4.5845	0.5560
	Post-test L2-L3:Bone Mineral Content (g)	28.918	68	4.4952	0.5451
Pair 10	Pre-test L2-L4:Bone Mineral Content (g)	45.722	68	6.9171	0.8388
	Post-test L2-L4:Bone Mineral Content (g)	46.04	68	6.893	0.836
Pair 11	Pre-test L3-L4:Bone Mineral Content (g)	32.526	68	4.8694	0.5905
	Post-test L3-L4:Bone Mineral Content (g)	32.712	68	4.8393	0.5869

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test T12:Bone Mineral Content (g) & Post-test T12:Bone Mineral Content (g)	25	0.969	0.000
Pair 2	Pre-test L1:Bone Mineral Content (g) & Post-test L1:Bone Mineral Content (g)	68	0.984	0.000
Pair 3	Pre-test L2:Bone Mineral Content (g) & Post-test L2:Bone Mineral Content (g)	68	0.966	0.000
Pair 4	Pre-test L3:Bone Mineral Content (g) & Post-test L3:Bone Mineral Content (g)	68	0.969	0.000
Pair 5	Pre-test L4:Bone Mineral Content (g) & Post-test L4:Bone Mineral Content (g)	68	0.974	0.000
Pair 6	Pre-test L1-L2:Bone Mineral Content (g) & Post-test L1-L2:Bone Mineral Content (g)	68	0.983	0.000
Pair 7	Pre-test L1-L3:Bone Mineral Content (g) & Post-test L1-L3:Bone Mineral Content (g)	68	0.983	0.000
Pair 8	Pre-test L1-L4:Bone Mineral Content (g) & Post-test L1-L4:Bone Mineral Content (g)	68	0.987	0.000
Pair 9	Pre-test L2-L3:Bone Mineral Content (g) & Post-test L2-L3:Bone Mineral Content (g)	68	0.977	0.000
Pair 10	Pre-test L2-L4:Bone Mineral Content (g) & Post-test L2-L4:Bone Mineral Content (g)	68	0.985	0.000
Pair 11	Pre-test L3-L4:Bone Mineral Content (g) & Post-test L3-L4:Bone Mineral Content (g)	68	0.983	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test T12:Bone Mineral Content (g) - Post-test T12:Bone Mineral Content (g)	0.1760	0.4371	0.0874	-0.0044	0.3564	2.013	24	0.055
Pair 2	Pre-test L1:Bone Mineral Content (g) - Post-test L1:Bone Mineral Content (g)	0.1765	0.3706	0.0449	0.0868	0.2662	3.927	67	0.000
Pair 3	Pre-test L2:Bone Mineral Content (g) - Post-test L2:Bone Mineral Content (g)	-0.1235	0.5652	0.0685	-0.2603	0.0133	-1.802	67	0.076
Pair 4	Pre-test L3:Bone Mineral Content (g) - Post-test L3:Bone Mineral Content (g)	-0.1132	0.6111	0.0741	-0.2611	0.0347	-1.528	67	0.131
Pair 5	Pre-test L4:Bone Mineral Content (g) - Post-test L4:Bone Mineral Content (g)	-0.0794	0.6093	0.0739	-0.2269	0.0681	-1.075	67	0.286
Pair 6	Pre-test L1-L2:Bone Mineral Content (g) - Post-test L1-L2:Bone Mineral Content (g)	0.0426	0.7601	0.0922	-0.1413	0.2266	0.463	67	0.645
Pair 7	Pre-test L1-L3:Bone Mineral Content (g) - Post-test L1-L3:Bone Mineral Content (g)	-0.0662	1.1761	0.1426	-0.3508	0.2185	-0.464	67	0.644
Pair 8	Pre-test L1-L4:Bone Mineral Content (g) - Post-test L1-L4:Bone Mineral Content (g)	-0.1500	1.3929	0.1689	-0.4872	0.1872	-0.888	67	0.378
Pair 9	Pre-test L2-L3:Bone Mineral Content (g) - Post-test L2-L3:Bone Mineral Content (g)	-0.2368	0.9789	0.1187	-0.4737	0.0002	-1.995	67	0.050
Pair 10	Pre-test L2-L4:Bone Mineral Content (g) - Post-test L2-L4:Bone Mineral Content (g)	-0.3162	1.1965	0.1451	-0.6058	-0.0266	-2.179	67	0.033
Pair 11	Pre-test L3-L4:Bone Mineral Content (g) - Post-test L3-L4:Bone Mineral Content (g)	-0.1853	0.8895	0.1079	-0.4006	0.0300	-1.718	67	0.090

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: AREA (CM)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
		Pair 1	Pre-test T12:Area (cm)	9.648	25
	Post-test T12:Area (cm)	9.804	25	1.0426	0.2085
Pair 2	Pre-test L1:Area (cm)	10.434	68	1.1805	0.1432
	Post-test L1:Area (cm)	10.441	68	1.1619	0.1409
Pair 3	Pre-test L2:Area (cm)	11.154	68	1.0658	0.1292
	Post-test L2:Area (cm)	11.231	68	1.0538	0.1278
Pair 4	Pre-test L3:Area (cm)	12.55	68	1.318	0.160
	Post-test L3:Area (cm)	12.701	68	1.2922	0.1567
Pair 5	Pre-test L4:Area (cm)	14.466	68	1.4018	0.1700
	Post-test L4:Area (cm)	14.524	68	1.4126	0.1713
Pair 6	Pre-test L1-L2:Area (cm)	21.28	68	3.160	0.383
	Post-test L1-L2:Area (cm)	21.672	68	2.1160	0.2566
Pair 7	Pre-test L1-L3:Area (cm)	34.132	68	3.3100	0.4014
	Post-test L1-L3:Area (cm)	34.349	68	3.2526	0.3944
Pair 8	Pre-test L1-L4:Area (cm)	48.603	68	4.3809	0.5313
	Post-test L1-L4:Area (cm)	48.878	68	4.3209	0.5240
Pair 9	Pre-test L2-L3:Area (cm)	23.697	68	2.3033	0.2793
	Post-test L2-L3:Area (cm)	23.922	68	2.2524	0.2731
Pair 10	Pre-test L2-L4:Area (cm)	38.162	68	3.3982	0.4121
	Post-test L2-L4:Area (cm)	38.443	68	3.3547	0.4068
Pair 11	Pre-test L3-L4:Area (cm)	27.018	68	2.4382	0.2957
	Post-test L3-L4:Area (cm)	27.216	68	2.4208	0.2936

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test T12:Area (cm) & Post-test T12:Area (cm)	25	0.937	0.000
Pair 2	Pre-test L1:Area (cm) & Post-test L1:Area (cm)	68	0.985	0.000
Pair 3	Pre-test L2:Area (cm) & Post-test L2:Area (cm)	68	0.975	0.000
Pair 4	Pre-test L3:Area (cm) & Post-test L3:Area (cm)	68	0.963	0.000
Pair 5	Pre-test L4:Area (cm) & Post-test L4:Area (cm)	68	0.990	0.000
Pair 6	Pre-test L1-L2:Area (cm) & Post-test L1-L2:Area (cm)	68	0.594	0.000
Pair 7	Pre-test L1-L3:Area (cm) & Post-test L1-L3:Area (cm)	68	0.984	0.000
Pair 8	Pre-test L1-L4:Area (cm) & Post-test L1-L4:Area (cm)	68	0.991	0.000
Pair 9	Pre-test L2-L3:Area (cm) & Post-test L2-L3:Area (cm)	68	0.975	0.000
Pair 10	Pre-test L2-L3:Area (cm) & Post-test L2-L3:Area (cm)	68	0.989	0.000
Pair 11	Pre-test L3-L4:Area (cm) & Post-test L3-L4:Area (cm)	68	0.990	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test T12:Area (cm) - Post-test T12:Area (cm)	-0.1560	0.3664	0.0733	-0.3072	-0.0048	-2.129	24	0.044
Pair 2	Pre-test L1:Area (cm) - Post-test L1:Area (cm)	-0.0074	0.2054	0.0249	-0.0571	0.0424	-0.295	67	0.769
Pair 3	Pre-test L2:Area (cm) - Post-test L2:Area (cm)	-0.0765	0.2363	0.0287	-0.1337	-0.0193	-2.668	67	0.010
Pair 4	Pre-test L3:Area (cm) - Post-test L3:Area (cm)	-0.1500	0.3539	0.0429	-0.2357	-0.0643	-3.495	67	0.001
Pair 5	Pre-test L4:Area (cm) - Post-test L4:Area (cm)	-0.0574	0.1980	0.0240	-0.1053	-0.0094	-2.389	67	0.020
Pair 6	Pre-test L1-L2:Area (cm) - Post-test L1-L2:Area (cm)	-0.3965	2.5525	0.3095	-1.0143	0.2214	-1.281	67	0.205
Pair 7	Pre-test L1-L3:Area (cm) - Post-test L1-L3:Area (cm)	-0.2162	0.5889	0.0714	-0.3587	-0.0736	-3.027	67	0.004
Pair 8	Pre-test L1-L4:Area (cm) - Post-test L1-L4:Area (cm)	-0.2750	0.5793	0.0703	-0.4152	-0.1348	-3.914	67	0.000
Pair 9	Pre-test L2-L3:Area (cm) - Post-test L2-L3:Area (cm)	-0.2251	0.5085	0.0617	-0.3482	-0.1021	-3.651	67	0.001
Pair 10	Pre-test L2-L3:Area (cm) - Post-test L2-L3:Area (cm)	-0.2809	0.5100	0.0618	-0.4043	-0.1574	-4.542	67	0.000
Pair 11	Pre-test L3-L4:Area (cm) - Post-test L3-L4:Area (cm)	-0.1985	0.3492	0.0423	-0.2831	-0.1140	-4.688	67	0.000

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: WIDTH (CM)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test T12:Width (cm)	3.524	25	0.2788	0.0558
	Post-test T12:Width (cm)	3.556	25	0.3042	0.0608
Pair 2	Pre-test L1:Width (cm)	3.519	68	0.2326	0.0282
	Post-test L1:Width (cm)	3.509	68	0.2392	0.0290
Pair 3	Pre-test L2:Width (cm)	3.631	68	0.2364	0.0287
	Post-test L2:Width (cm)	3.644	68	0.2390	0.0290
Pair 4	Pre-test L3:Width (cm)	3.88	68	0.243	0.029
	Post-test L3:Width (cm)	3.92	68	0.250	0.030
Pair 5	Pre-test L4:Width (cm)	4.334	68	0.2899	0.0352
	Post-test L4:Width (cm)	4.353	68	0.2868	0.0348
Pair 6	Pre-test L1-L2:Width (cm)	3.581	68	0.2300	0.0279
	Post-test L1-L2:Width (cm)	3.582	68	0.2324	0.0282
Pair 7	Pre-test L1-L3:Width (cm)	3.675	68	0.2281	0.0277
	Post-test L1-L3:Width (cm)	3.693	68	0.2281	0.0277
Pair 8	Pre-test L1-L4:Width (cm)	3.84	68	0.232	0.028
	Post-test L1-L4:Width (cm)	3.860	68	0.2332	0.0283
Pair 9	Pre-test L2-L3:Width (cm)	3.754	68	0.2262	0.0274
	Post-test L2-L3:Width (cm)	3.784	68	0.2416	0.0293
Pair 10	Pre-test L2-L3:Width (cm)	3.951	68	0.2403	0.0291
	Post-test L2-L3:Width (cm)	3.98	68	0.240	0.029
Pair 11	Pre-test L3-L4:Width (cm)	4.103	68	0.2603	0.0316
	Post-test L3-L4:Width (cm)	4.138	68	0.2693	0.0327

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test T12:Width (cm) & Post-test T12:Width (cm)	25	0.873	0.000
Pair 2	Pre-test L1:Width (cm) & Post-test L1:Width (cm)	68	0.952	0.000
Pair 3	Pre-test L2:Width (cm) & Post-test L2:Width (cm)	68	0.950	0.000
Pair 4	Pre-test L3:Width (cm) & Post-test L3:Width (cm)	68	0.941	0.000
Pair 5	Pre-test L4:Width (cm) & Post-test L4:Width (cm)	68	0.948	0.000
Pair 6	Pre-test L1-L2:Width (cm) & Post-test L1-L2:Width (cm)	68	0.968	0.000
Pair 7	Pre-test L1-L3:Width (cm) & Post-test L1-L3:Width (cm)	68	0.969	0.000
Pair 8	Pre-test L1-L4:Width (cm) & Post-test L1-L4:Width (cm)	68	0.969	0.000
Pair 9	Pre-test L2-L3:Width (cm) & Post-test L2-L3:Width (cm)	68	0.958	0.000
Pair 10	Pre-test L2-L3:Width (cm) & Post-test L2-L3:Width (cm)	68	0.960	0.000
Pair 11	Pre-test L3-L4:Width (cm) & Post-test L3-L4:Width (cm)	68	0.937	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test T12:Width (cm) - Post-test T12:Width (cm)	-0.0320	0.1492	0.0298	-0.0936	0.0296	-1.072	24	0.294
Pair 2	Pre-test L1:Width (cm) - Post-test L1:Width (cm)	0.0103	0.0736	0.0089	-0.0075	0.0281	1.154	67	0.253
Pair 3	Pre-test L2:Width (cm) - Post-test L2:Width (cm)	-0.0132	0.0751	0.0091	-0.0314	0.0049	-1.453	67	0.151
Pair 4	Pre-test L3:Width (cm) - Post-test L3:Width (cm)	-0.040	0.085	0.010	-0.060	-0.019	-3.857	67	0.000
Pair 5	Pre-test L4:Width (cm) - Post-test L4:Width (cm)	-0.0191	0.0935	0.0113	-0.0417	0.0035	-1.687	67	0.096
Pair 6	Pre-test L1-L2:Width (cm) - Post-test L1-L2:Width (cm)	-0.0015	0.0586	0.0071	-0.0156	0.0127	-0.207	67	0.837
Pair 7	Pre-test L1-L3:Width (cm) - Post-test L1-L3:Width (cm)	-0.0176	0.0571	0.0069	-0.0315	-0.0038	-2.546	67	0.013
Pair 8	Pre-test L1-L4:Width (cm) - Post-test L1-L4:Width (cm)	-0.0250	0.0583	0.0071	-0.0391	-0.0109	-3.538	67	0.001
Pair 9	Pre-test L2-L3:Width (cm) - Post-test L2-L3:Width (cm)	-0.0294	0.0692	0.0084	-0.0462	-0.0127	-3.503	67	0.001
Pair 10	Pre-test L2-L3:Width (cm) - Post-test L2-L3:Width (cm)	-0.0265	0.0683	0.0083	-0.0430	-0.0099	-3.197	67	0.002
Pair 11	Pre-test L3-L4:Width (cm) - Post-test L3-L4:Width (cm)	-0.0353	0.0943	0.0114	-0.0581	-0.0125	-3.088	67	0.003

T-Test: TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: HEIGHT (CM)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test T12:Height (cm)	2.7520	25	0.23327	0.04665
	Post-test T12:Height (cm)	2.7648	25	0.21616	0.04323
Pair 2	Pre-test L1:Height (cm)	2.9659	68	0.22337	0.02709
	Post-test L1:Height (cm)	2.9672	68	0.22506	0.02729
Pair 3	Pre-test L2:Height (cm)	3.0691	68	0.16418	0.01991
	Post-test L2:Height (cm)	3.0763	68	0.15412	0.01869
Pair 4	Pre-test L3:Height (cm)	3.2287	68	0.20012	0.02427
	Post-test L3:Height (cm)	3.2371	68	0.19806	0.02402
Pair 5	Pre-test L4:Height (cm)	3.3450	68	0.21834	0.02648
	Post-test L4:Height (cm)	3.3350	68	0.23067	0.02797
Pair 6	Pre-test L1-L2:Height (cm)	6.031	68	0.3515	0.0426
	Post-test L1-L2:Height (cm)	6.0390	68	0.34464	0.04179
Pair 7	Pre-test L1-L3:Height (cm)	9.2581	68	0.49073	0.05951
	Post-test L1-L3:Height (cm)	9.2753	68	0.47619	0.05775
Pair 8	Pre-test L1-L4:Height (cm)	12.6007	68	0.56976	0.06909
	Post-test L1-L4:Height (cm)	12.6082	68	0.57527	0.06976
Pair 9	Pre-test L2-L3:Height (cm)	6.2950	68	0.33126	0.04017
	Post-test L2-L3:Height (cm)	6.2668	68	0.53792	0.06523
Pair 10	Pre-test L2-L3:Height (cm)	9.6372	68	0.42460	0.05149
	Post-test L2-L3:Height (cm)	9.6434	68	0.43014	0.05216
Pair 11	Pre-test L3-L4:Height (cm)	6.5712	68	0.30163	0.03658
	Post-test L3-L4:Height (cm)	6.5696	68	0.31754	0.03851

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test T12:Height (cm) & Post-test T12:Height (cm)	25	0.962	0.000
Pair 2	Pre-test L1:Height (cm) & Post-test L1:Height (cm)	68	0.993	0.000
Pair 3	Pre-test L2:Height (cm) & Post-test L2:Height (cm)	68	0.965	0.000
Pair 4	Pre-test L3:Height (cm) & Post-test L3:Height (cm)	68	0.969	0.000
Pair 5	Pre-test L4:Height (cm) & Post-test L4:Height (cm)	68	0.940	0.000
Pair 6	Pre-test L1-L2:Height (cm) & Post-test L1-L2:Height (cm)	68	0.994	0.000
Pair 7	Pre-test L1-L3:Height (cm) & Post-test L1-L3:Height (cm)	68	0.988	0.000
Pair 8	Pre-test L1-L4:Height (cm) & Post-test L1-L4:Height (cm)	68	0.996	0.000
Pair 9	Pre-test L2-L3:Height (cm) & Post-test L2-L3:Height (cm)	68	0.731	0.000
Pair 10	Pre-test L2-L3:Height (cm) & Post-test L2-L3:Height (cm)	68	0.991	0.000
Pair 11	Pre-test L3-L4:Height (cm) & Post-test L3-L4:Height (cm)	68	0.990	0.000

Paired Samples Test

		Paired Differences							
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the		t	df	Sig. (2-tailed)
					Upper	Lower			
Pair 1	Pre-test T12:Height (cm) - Post-test T12:Height (cm)	-0.01280	0.06400	0.01280	-0.03922	0.01362	-1.000	24	0.327
Pair 2	Pre-test L1:Height (cm) - Post-test L1:Height (cm)	-0.00132	0.02687	0.00326	-0.00783	0.00518	-0.406	67	0.686
Pair 3	Pre-test L2:Height (cm) - Post-test L2:Height (cm)	-0.00721	0.04319	0.00524	-0.01766	0.00325	-1.376	67	0.173
Pair 4	Pre-test L3:Height (cm) - Post-test L3:Height (cm)	-0.00838	0.04952	0.00601	-0.02037	0.00360	-1.396	67	0.167
Pair 5	Pre-test L4:Height (cm) - Post-test L4:Height (cm)	0.01000	0.07880	0.00956	-0.00907	0.02907	1.047	67	0.299
Pair 6	Pre-test L1-L2:Height (cm) - Post-test L1-L2:Height (cm)	-0.00750	0.03822	0.00463	-0.01675	0.00175	-1.618	67	0.110
Pair 7	Pre-test L1-L3:Height (cm) - Post-test L1-L3:Height (cm)	-0.01721	0.07740	0.00939	-0.03594	0.00153	-1.833	67	0.071
Pair 8	Pre-test L1-L4:Height (cm) - Post-test L1-L4:Height (cm)	-0.00750	0.05000	0.00606	-0.01960	0.00460	-1.237	67	0.220
Pair 9	Pre-test L2-L3:Height (cm) - Post-test L2-L3:Height (cm)	0.02824	0.37238	0.04516	-0.06190	0.11837	0.625	67	0.534
Pair 10	Pre-test L2-L3:Height (cm) - Post-test L2-L3:Height (cm)	-0.00618	0.05800	0.00703	-0.02022	0.00786	-0.878	67	0.383
Pair 11	Pre-test L3-L4:Height (cm) - Post-test L3-L4:Height (cm)	0.00162	0.04718	0.00572	-0.00980	0.01304	0.283	67	0.778

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- AP SPINE: COMPARED TO T-SCORES

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Compared to Young Adult (t-score)	-1.5024	68	0.90467	0.10971
	Post-test Compared to Young Adult (t-score)	-1.5165	68	0.86051	0.10435
Pair 2	Pre-test Adjust for stature (T-score)	-1.2549	68	0.82417	0.09994
	Post-test Adjust for stature (T-score)	-1.2731	68	0.78437	0.09512

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Compared to Young Adult (t-score) & Post-test Compared to Young Adult (t-score)	68	0.948	0.000
Pair 2	Pre-test Adjust for stature (T-score) & Post-test Adjust for stature (T-score)	68	0.936	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Compared to Young Adult (t-score) - Post-test Compared to Young Adult (t-score)	0.01412	0.28661	0.03476	-0.05526	0.08349	0.406	67	0.686
	Pre-test Adjust for stature (T-score) - Post-test Adjust for stature (T-score)	0.01824	0.28968	0.03513	-0.05188	0.08835	0.519	67	0.605

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- LEFT FEMUR: BONE MINERAL DENSITY (G/CM)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Neck:Bone Mineral Density (g/cm2)	1.06757	68	0.109205	0.013243
	Post-test Neck:Bone Mineral Density (g/cm2)	1.2144	68	1.19870	0.14536
Pair 2	Pre-test Wards:Bone Mineral Density (g/cm2)	0.9977	68	0.14061	0.01705
	Post-test Wards:Bone Mineral Density (g/cm2)	1.0033	68	0.14224	0.01725
Pair 3	Pre-test Trochanter:Bone Mineral Density (g/cm2)	0.8508	68	0.10679	0.01295
	Post-test Trochanter:Bone Mineral Density (g/cm2)	0.8468	68	0.13068	0.01585
Pair 4	Pre-test Shaft:Bone Mineral Density (g/cm2)	1.3059	68	0.16098	0.01952
	Post-test Shaft:Bone Mineral Density (g/cm2)	1.3151	68	0.16046	0.01946
Pair 5	Pre-test Total:Bone Mineral Density (g/cm2)	1.0885	68	0.12202	0.01480
	Post-test Total:Bone Mineral Density (g/cm2)	1.0956	68	0.12291	0.01490

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Neck:Bone Mineral Density (g/cm2) & Post-test Neck:Bone Mineral Density (g/cm2)	68	0.111	0.367
Pair 2	Pre-test Wards:Bone Mineral Density (g/cm2) & Post-test Wards:Bone Mineral Density (g/cm2)	68	0.977	0.000
Pair 3	Pre-test Trochanter:Bone Mineral Density (g/cm2) & Post-test Trochanter:Bone Mineral Density (g/cm2)	68	0.837	0.000
Pair 4	Pre-test Shaft:Bone Mineral Density (g/cm2) & Post-test Shaft:Bone Mineral Density (g/cm2)	68	0.986	0.000
Pair 5	Pre-test Total:Bone Mineral Density (g/cm2) & Post-test Total:Bone Mineral Density (g/cm2)	68	0.988	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Neck:Bone Mineral Density (g/cm2) - Post-test Neck:Bone Mineral Density (g/cm2)	-0.146853	1.191528	0.144494	-0.435264	0.141558	-1.016	67	0.313
Pair 2	Pre-test Wards:Bone Mineral Density (g/cm2) - Post-test Wards:Bone Mineral Density (g/cm2)	-0.00562	0.03045	0.00369	-0.01299	0.00175	-1.522	67	0.133
Pair 3	Pre-test Trochanter:Bone Mineral Density (g/cm2) - Post-test Trochanter:Bone Mineral Density (g/cm2)	0.00396	0.07150	0.00867	-0.01335	0.02126	0.456	67	0.650
Pair 4	Pre-test Shaft:Bone Mineral Density (g/cm2) - Post-test Shaft:Bone Mineral Density (g/cm2)	-0.00926	0.02672	0.00324	-0.01573	-0.00280	-2.859	67	0.006
Pair 5	Pre-test Total:Bone Mineral Density (g/cm2) - Post-test Total:Bone Mineral Density (g/cm2)	-0.00709	0.01896	0.00230	-0.01168	-0.00250	-3.082	67	0.003

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- LEFT FEMUR: YOUNG ADULT %

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Neck Young Adult %	102.81	68	10.592	1.284
	Post-test Neck Young Adult %	103.13	68	10.946	1.327
Pair 2	Pre-test Wards Young Adult %	109.72	68	15.493	1.879
	Post-test Wards Young Adult %	110.29	68	15.641	1.897
Pair 3	Pre-test Trochanter Young Adult %	100.01	68	12.575	1.525
	Post-test Trochanter Young Adult %	100.50	68	13.003	1.577
Pair 4	Pre-test Total Young Adult %	108.00	68	12.060	1.462
	Post-test Total Young Adult %	108.69	68	12.190	1.478

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Neck Young Adult % & Post-test Neck Young Adult %	68	0.967	0.000
Pair 2	Pre-test Wards Young Adult % & Post-test Wards Young Adult %	68	0.977	0.000
Pair 3	Pre-test Trochanter Young Adult % & Post-test Trochanter Young Adult %	68	0.978	0.000
Pair 4	Pre-test Total Young Adult % & Post-test Total Young Adult %	68	0.987	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Neck Young Adult % - Post-test Neck Young Adult %	-0.324	2.778	0.337	-0.996	0.349	-0.961	67	0.340
Pair 2	Pre-test Wards Young Adult % - Post-test Wards Young Adult %	-0.574	3.365	0.408	-1.388	0.241	-1.406	67	0.164
Pair 3	Pre-test Trochanter Young Adult % - Post-test Trochanter Young Adult %	-0.485	2.745	0.333	-1.150	0.179	-1.458	67	0.150
Pair 4	Pre-test Total Young Adult % - Post-test Total Young Adult %	-0.691	1.957	0.237	-1.165	-0.218	-2.913	67	0.005

T-Test: TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- LEFT FEMUR: YOUNG ADULT T-SCORE

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Neck Young Adult T-score	0.251	68	0.9158	0.1111
	Post-test Neck Young Adult T-score	0.263	68	0.9370	0.1136
Pair 2	Pre-test Wards Young Adult T-score	0.668	68	1.0804	0.1310
	Post-test Wards Young Adult T-score	0.722	68	1.0942	0.1327
Pair 3	Pre-test Trochanter Young Adult T-score	-0.006	68	1.0796	0.1309
	Post-test Trochanter Young Adult T-score	0.049	68	1.1202	0.1358
Pair 4	Pre-test Total Young Adult T-score	0.674	68	0.9934	0.1205
	Post-test Total Young Adult T-score	0.718	68	1.0098	0.1225

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Neck Young Adult T-score & Post-test Neck Young Adult T-score	68	0.965	0.000
Pair 2	Pre-test Wards Young Adult T-score & Post-test Wards Young Adult T-score	68	0.976	0.000
Pair 3	Pre-test Trochanter Young Adult T-score & Post-test Trochanter Young Adult T-score	68	0.975	0.000
Pair 4	Pre-test Total Young Adult T-score & Post-test Total Young Adult T-score	68	0.989	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Upper	Lower			
Pair 1	Pre-test Neck Young Adult T-score - Post-test Neck Young Adult T-score	-0.0119	0.2475	0.0300	-0.0718	0.0480	-0.397	67	0.693
Pair 2	Pre-test Wards Young Adult T-score - Post-test Wards Young Adult T-score	-0.0544	0.2378	0.0288	-0.1120	0.0031	-1.887	67	0.064
Pair 3	Pre-test Trochanter Young Adult T-score - Post-test Trochanter Young Adult T-score	-0.0544	0.2470	0.0300	-0.1142	0.0054	-1.816	67	0.074
Pair 4	Pre-test Total Young Adult T-score - Post-test Total Young Adult T-score	-0.0441	0.1520	0.0184	-0.0809	-0.0073	-2.394	67	0.019

TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- LEFT FEMUR: AGE-MATCHED %

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Neck Age-matched %	102.42	67	10.452	1.277
	Post-test Neck Age-matched %	101.20	67	16.478	2.013
Pair 2	Pre-test Wards Age-matched %	106.67	67	15.235	1.861
	Post-test Wards Age-matched %	107.28	67	14.925	1.823
Pair 3	Pre-test Trochanter Age-matched %	100.54	67	12.507	1.528
	Post-test Trochanter Age-matched %	100.96	67	12.856	1.571
Pair 4	Pre-test Total Age-matched %	108.43	67	12.085	1.476
	Post-test Total Age-matched %	109.15	67	12.052	1.472

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Neck Age-matched % & Post-test Neck Age-matched %	67	0.663	0.000
Pair 2	Pre-test Wards Age-matched % & Post-test Wards Age-matched %	67	0.970	0.000
Pair 3	Pre-test Trochanter Age-matched % & Post-test Trochanter Age-matched %	67	0.974	0.000
Pair 4	Pre-test Total Age-matched % & Post-test Total Age-matched %	67	0.984	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Neck Age-matched % - Post-test Neck Age-matched %	1.222	12.340	1.508	-1.788	4.232	0.811	66	0.420
Pair 2	Pre-test Wards Age-matched % - Post-test Wards Age-matched %	-0.612	3.729	0.456	-1.522	0.298	-1.343	66	0.184
Pair 3	Pre-test Trochanter Age-matched % - Post-test Trochanter Age-matched %	-0.418	2.929	0.358	-1.132	0.297	-1.168	66	0.247
Pair 4	Pre-test Total Age-matched % - Post-test Total Age-matched %	-0.716	2.173	0.265	-1.246	-0.186	-2.699	66	0.009

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- LEFT FEMUR: AGE-MATCHED Z-SCORE

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Neck Age-matched Z-score	0.207	67	0.9144	0.1117
	Post-test Neck Age-matched Z-score	0.231	67	0.9328	0.1140
Pair 2	Pre-test Wards Age-matched Z-score	0.470	67	1.0905	0.1332
	Post-test Wards Age-matched Z-score	0.52	67	1.073	0.131
Pair 3	Pre-test Trochanter Age-matched Z-score	0.040	67	1.0559	0.1290
	Post-test Trochanter Age-matched Z-score	0.079	67	1.0877	0.1329
Pair 4	Pre-test Total Age-matched Z-score	0.691	67	0.9882	0.1207
	Post-test Total Age-matched Z-score	0.745	67	0.9834	0.1201

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Neck Age-matched Z-score & Post-test Neck Age-matched Z-score	67	0.961	0.000
Pair 2	Pre-test Wards Age-matched Z-score & Post-test Wards Age-matched Z-score	67	0.970	0.000
Pair 3	Pre-test Trochanter Age-matched Z-score & Post-test Trochanter Age-matched Z-score	67	0.975	0.000
Pair 4	Pre-test Total Age-matched Z-score & Post-test Total Age-matched Z-score	67	0.984	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Neck Age-matched Z-score - Post-test Neck Age-matched Z-score	-0.0239	0.2583	0.0316	-0.0869	0.0391	-0.757	66	0.452
Pair 2	Pre-test Wards Age-matched Z-score - Post-test Wards Age-matched Z-score	-0.0493	0.2671	0.0326	-0.1144	0.0159	-1.510	66	0.136
Pair 3	Pre-test Trochanter Age-matched Z-score - Post-test Trochanter Age-matched Z-score	-0.0388	0.2418	0.0295	-0.0978	0.0202	-1.314	66	0.194
Pair 4	Pre-test Total Age-matched Z-score - Post-test Total Age-matched Z-score	-0.0537	0.1744	0.0213	-0.0963	-0.0112	-2.522	66	0.014

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- LEFT FEMUR: BONE MINERAL CONTENT (G)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Neck:Bone Mineral Content (g)	4.851	68	0.5535	0.0671
	Post-test Neck:Bone Mineral Content (g)	4.891	68	0.5748	0.0697
Pair 2	Pre-test Wards:Bone Mineral Content (g)	2.297	68	0.4246	0.0515
	Post-test Wards:Bone Mineral Content (g)	2.347	68	0.4376	0.0531
Pair 3	Pre-test Trochanter:Bone Mineral Content (g)	9.646	68	1.9366	0.2348
	Post-test Trochanter:Bone Mineral Content (g)	10.006	68	4.3737	0.5304
Pair 4	Pre-test Shaft:Bone Mineral Content (g)	16.70	68	1.953	0.237
	Post-test Shaft:Bone Mineral Content (g)	17.263	68	3.6369	0.4410
Pair 5	Pre-test Total:Bone Mineral Content (g)	31.199	68	4.1432	0.5024
	Post-test Total:Bone Mineral Content (g)	31.369	68	4.2357	0.5137

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-test Neck:Bone Mineral Content (g) & Post-test Neck:Bone Mineral Content (g)	68	0.974	0.000
Pair 2	Pre-test Wards:Bone Mineral Content (g) & Post-test Wards:Bone Mineral Content (g)	68	0.968	0.000
Pair 3	Pre-test Trochanter:Bone Mineral Content (g) & Post-test Trochanter:Bone Mineral Content (g)	68	0.716	0.000
Pair 4	Pre-test Shaft:Bone Mineral Content (g) & Post-test Shaft:Bone Mineral Content (g)	68	0.413	0.000
Pair 5	Pre-test Total:Bone Mineral Content (g) & Post-test Total:Bone Mineral Content (g)	68	0.987	0.000

Paired Samples Test

		Paired Differences							
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the		t	df	Sig. (2-tailed)
					Upper	Lower			
Pair 1	Pre-test Neck:Bone Mineral Content (g) - Post-test Neck:Bone Mineral Content (g)	-0.0393	0.1308	0.0159	-0.0709	-0.0076	-2.476	67	0.016
Pair 2	Pre-test Wards:Bone Mineral Content (g) - Post-test Wards:Bone Mineral Content (g)	-0.0500	0.1100	0.0133	-0.0766	-0.0234	-3.750	67	0.000
Pair 3	Pre-test Trochanter:Bone Mineral Content (g) - Post-test Trochanter:Bone Mineral Content (g)	-0.3603	3.2791	0.3976	-1.1540	0.4334	-0.906	67	0.368
Pair 4	Pre-test Shaft:Bone Mineral Content (g) - Post-test Shaft:Bone Mineral Content (g)	-0.5603	3.3437	0.4055	-1.3696	0.2491	-1.382	67	0.172
Pair 5	Pre-test Total:Bone Mineral Content (g) - Post-test Total:Bone Mineral Content (g)	-0.1706	0.6763	0.0820	-0.3343	-0.0069	-2.080	67	0.041

T-Test:TEST DIFFERENCES PRE AND POST- ANCILLARY HEALTH- LEFT FEMUR: AREA (CM)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-test Neck:Area (cm)	4.544	68	0.2964	0.0359
	Post-test Neck:Area (cm)	4.525	68	0.6006	0.0728
Pair 2	Pre-test Wards:Area (cm)	2.30	68	0.298	0.036
	Post-test Wards:Area (cm)	2.34	68	0.327	0.040
Pair 3	Pre-test Trochanter:Area (cm)	11.288	68	1.4249	0.1728
	Post-test Trochanter:Area (cm)	11.176	68	1.4333	0.1738
Pair 4	Pre-test Shaft:Area (cm)	12.815	68	0.6421	0.0779
	Post-test Shaft:Area (cm)	12.850	68	0.6713	0.0814
Pair 5	Pre-test Total:Area (cm)	28.654	68	1.8757	0.2275
	Post-test Total:Area (cm)	28.612	68	1.9383	0.2351

Paired Samples Correlations

		N	Correlation	Sig.

Pair 1	Pre-test Neck:Area (cm) & Post-test Neck:Area (cm)	68	0.595	0.000
Pair 2	Pre-test Wards:Area (cm) & Post-test Wards:Area (cm)	68	0.954	0.000
Pair 3	Pre-test Trochanter:Area (cm) & Post-test Trochanter:Area (cm)	68	0.953	0.000
Pair 4	Pre-test Shaft:Area (cm) & Post-test Shaft:Area (cm)	68	0.920	0.000
Pair 5	Pre-test Total:Area (cm) & Post-test Total:Area (cm)	68	0.982	0.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the				
					Upper	Lower			
Pair 1	Pre-test Neck:Area (cm) - Post-test Neck:Area (cm)	0.0191	0.4866	0.0590	-0.0987	0.1369	0.324	67	0.747
Pair 2	Pre-test Wards:Area (cm) - Post-test Wards:Area (cm)	-0.037	0.099	0.012	-0.061	-0.013	-3.059	67	0.003
Pair 3	Pre-test Trochanter:Area (cm) - Post-test Trochanter:Area (cm)	0.1118	0.4369	0.0530	0.0060	0.2175	2.109	67	0.039
Pair 4	Pre-test Shaft:Area (cm) - Post-test Shaft:Area (cm)	-0.0353	0.2642	0.0320	-0.0992	0.0286	-1.102	67	0.275
Pair 5	Pre-test Total:Area (cm) - Post-test Total:Area (cm)	0.0426	0.3662	0.0444	-0.0460	0.1313	0.960	67	0.340