

Supplementary Material

Systematic comparison of muscle ultrasound thickness in polyneuropathies and other neuromuscular diseases

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Supplementary Table 1a. Adjusted p-values for comparisons of muscle US thickness in males between healthy control, CIDP, polyneuropathy and other NMD. Right side only.

Muscle		CIDP	Neuropathy	Other NM	Control
APB C	CIDP	-	0.9634	0.9893	0.0014
	Neuropathy	0.9634	-	0.9996	0.017
	Other NM	0.9893	0.9996	-	0.0125
	Control	0.0014	0.017	0.0125	-
APB R	CIDP	-	0.9916	0.9537	0.0012
	Neuropathy	0.9916	-	0.9941	0.0093
	Other NM	0.9537	0.9941	-	0.0215
	Control	0.0012	0.0093	0.0215	-
Biceps C	CIDP	-	0.9776	1	0.8125
	Neuropathy	0.9776	-	0.9806	0.9752
	Other NM	1	0.9806	-	0.8331
	Control	0.8125	0.9752	0.8331	-
Biceps R	CIDP	-	0.4156	1	0.966
	Neuropathy	0.4156	-	0.5503	0.2382
	Other NM	1	0.5503	-	0.9758
	Control	0.966	0.2382	0.9758	-
ADM	CIDP	-	0.4807	0.1085	0.029
	Neuropathy	0.4807	-	0.7589	0.001
	Other NM	0.1085	0.7589	-	<.0001
	Control	0.029	0.001	<.0001	-
FDI	CIDP	-	0.4035	0.9959	0.2921
	Neuropathy	0.4035	-	0.6789	0.9994

Quad R	Other NM	0.9959	0.6789	-	0.5246
	Control	0.2921	0.9994	0.5246	-
	CIDP	-	1	0.9778	0.0508
	Neuropathy	1	-	0.9842	0.0971
Quad C	Other NM	0.9778	0.9842	-	0.2207
	Control	0.0508	0.0971	0.2207	-
	CIDP	-	0.9826	0.9727	<.0001
	Neuropathy	0.9826	-	0.9996	0.0003
TA R	Other NM	0.9727	0.9996	-	0.0005
	Control	<.0001	0.0003	0.0005	-
	CIDP	-	0.6767	0.8727	0.8853
	Neuropathy	0.6767	-	0.3378	0.9767
TA C	Other NM	0.8727	0.3378	-	0.4593
	Control	0.8853	0.9767	0.4593	-
	CIDP	-	0.7515	0.8461	0.2785
	Neuropathy	0.7515	-	0.3647	0.9012
AH	Other NM	0.8461	0.3647	-	0.0667
	Control	0.2785	0.9012	0.0667	-
	CIDP	-	0.6242	0.7218	<.0001
	Neuropathy	0.6242	-	0.1837	<.0001
EDB	Other NM	0.7218	0.1837	-	<.0001
	Control	<.0001	<.0001	<.0001	-
	CIDP	-	0.6583	0.7247	<.0001
	Neuropathy	0.6583	-	1	<.0001
	Other NM	0.7247	1	-	<.0001
	Control	<.0001	<.0001	<.0001	-

Supplementary Table 1b. Adjusted p-values for comparison in females between healthy control, CIDP, polyneuropathy and other NMD. Right side only.

Muscle		CIDP	Neuropathy	Other NM	Control
APB C	CIDP	-	0.9923	0.9602	0.1918
	Neuropathy	0.9923	-	0.9876	0.0391
	Other NM	0.9602	0.9876	-	0.0993
	Control	0.1918	0.0391	0.0993	-
APB R	CIDP	-	0.9899	0.9676	0.1442
	Neuropathy	0.9899	-	0.9954	0.001
	Other NM	0.9676	0.9954	-	0.0005
	Control	0.1442	0.001	0.0005	-
Biceps C	CIDP	-	0.7	0.6079	.9876
	Neuropathy	0.7	-	0.9956	0.0739
	Other NM	0.6079	0.9956	-	0.043
	Control	0.9876	0.0739	0.043	-
Biceps R	CIDP	-	0.7928	0.9976	0.6966
	Neuropathy	0.7928	-	0.6787	0.9988
	Other NM	0.9976	0.6787	-	0.4859
	Control	0.6966	0.9988	0.4859	-
ADM	CIDP	-	0.8999	0.9371	0.0047
	Neuropathy	0.8999	-	0.9984	0.0002
	Other NM	0.9371	0.9984	-	.0001
	Control	0.0047	0.0002	.0001	-
FDI	CIDP	-	0.0979	0.0936	0.0095
	Neuropathy	0.0979	-	1	0.6545

Quad R	Other NM	0.0936	1	-	0.695
	Control	0.0095	0.6545	0.695	-
	CIDP	-	0.9301	0.2725	0.5204
	Neuropathy	0.9301	-	0.2538	0.6433
Quad C	Other NM	0.2725	0.2538	-	0.7626
	Control	0.5204	0.6433	0.7626	-
	CIDP	-	0.8019	0.4118	0.0909
	Neuropathy	0.8019	-	0.7528	0.6821
TA R	Other NM	0.4118	0.7528	-	0.6821
	Control	0.0909	0.1097	0.6821	-
	CIDP	-	0.0239	0.0143	0.0008
	Neuropathy	0.0239	-	0.9911	0.4754
TA C	Other NM	0.0143	0.9911	-	0.6999
	Control	0.0008	0.4754	0.6999	-
	CIDP	-	0.003	0.0119	<.0001
	Neuropathy	0.003	-	0.9044	0.2263
AH	Other NM	0.0119	0.9044	-	0.0452
	Control	<.0001	0.2263	0.0452	-
	CIDP	-	0.7325	0.7718	<.0001
	Neuropathy	0.7325	-	0.9996	<.0001
EDB	Other NM	0.7718	0.9996	-	<.0001
	Control	<.0001	<.0001	<.0001	-
	CIDP	-	0.8551	0.609	<.0001
	Neuropathy	0.8551	-	0.9092	<.0001
	Other NM	0.609	0.9092	-	<.0001
	Control	<.0001	<.0001	<.0001	-

Table 2a. Comparison of muscle thickness in males between healthy controls, CIDP, polyneuropathy and other NMD. Right side only.

Muscle	Healthy	CIDP	Polyneuropathy	Other NMD
Biceps R	278.8 ± 50.3	292 ± 76	342.1 ± 63.47	318.9 ± 81.98
Biceps C	410.8 ± 56.57	377.5 ± 69.1	399.8 ± 45.11	408.5 ± 123.1
APB R	48.87 ± 7.15	38.5 ± 9.17	40.66 ± 10.59	41.43 ± 6.64
APB C	65.89 ± 10.76	51.6 ± 13.1	55.66 ± 15.57	54 ± 8.88
FDI	125.3 ± 20.94	113.3 ± 23.2	128.7 ± 19	120.5 ± 18.89
ADM	107.6 ± 18.79	88.5 ± 20.9	87.11 ± 19.28	80.75 ± 17.7
Quad R	233.7 ± 51.71	187.3 ± 58.4	212.1 ± 45.71	241.5 ± 90.55
Quad C	345.5 ± 67.83	246.8 ± 61.3	280.5 ± 51	304.1 ± 111.9
TA R	232.6 ± 25.57	226.8 ± 36.2	245.3 ± 40.65	226 ± 28.15
TA C	290.3 ± 28.88	271.6 ± 40	289 ± 29.91	272.3 ± 32.66
AH	127.9 ± 19.38	34.1 ± 11.5	41 ± 15.32	34 ± 12.48
EDB	84.6 ± 12.4	35.7 ± 11	43 ± 13.44	46.3 ± 11.97

Table 2b. Comparison of muscle thickness in females between healthy controls, CIDP, polyneuropathy and other NMD. Right side only.

Muscle	Healthy	CIDP	Polyneuropathy	Other NMD
Biceps R	235.42 ± 46.92	204.4 ± 89.65	245.6 ± 74	213 ± 62.29
Biceps C	317 ± 40.7	298.6 ± 66.12	296.3 ± 68.21	275.5 ± 74.55
APB R	41.3 ± 6.58	34.8 ± 1.78	33.37 ± 7.87	31.14 ± 8.58
APB C	55.3 ± 11.16	41.6 ± 10.78	46.5 ± 10.78	45.5 ± 11.89
FDI	105.7 ± 15.23	70.8 ± 20.24	103 ± 23.82	98.21 ± 20.42
ADM	91.39 ± 14.89	57 ± 26	71.37 ± 20.68	66 ± 16.32

Quad R	200.6 ± 54.5	174.4 ± 46.61	185.3 ± 63.18	199.3 ± 55.97
Quad C	282.2 ± 57.61	220.2 ± 58.4	237 ± 73.42	241 ± 64
TA R	199.9 ± 29.96	152 ± 43.59	195.5 ± 28.62	194.1 ± 36.62
TA C	255.6 ± 30.81	181.4 ± 70.39	246 ± 40.84	230.2 ± 36.94
AH	113.6 ± 18.96	24.8 ± 3.27	33.75 ± 12.25	31.35 ± 12.21
EDB	71.3 ± 13.21	28.4 ± 5.5	33.5 ± 11.13	35.35 ± 9.91