Supplemental Table 3. Pearson correlations between changes in bioelectrical reactance and changes in dual-energy x-ray absorptiometry body composition.[1]

			1 kHz	1.5 kHz	2 kHz	3 kHz	5 kHz	7.5 kHz	10 kHz	15 kHz	20 kHz	30 kHz	50 kHz	75 kHz	100 kHz	150 kHz	200 kHz	300 kHz	500 kHz	750 kHz	1000 kHz
Δ ST	Total	*r*	-0.38	-0.40	-0.41	-0.42	-0.43	-0.44	-0.46	-0.48	-0.50	-0.51	-0.54	-0.55	-0.55	-0.55	-0.54	-0.49	-0.33	-0.14	0.00
		p	0.04	0.03	0.02	0.02	0.02	0.01	0.009	0.006	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.005	0.070	0.45	0.99
	Trunk	*r*	-0.13	-0.13	-0.15	-0.17	-0.22	-0.25	-0.29	-0.31	-0.33	-0.33	-0.33	-0.22	-0.17	-0.07	-0.03	0.36	-0.13	-0.18	-0.20
		p	0.48	0.48	0.43	0.37	0.23	0.18	0.11	0.09	0.07	0.07	0.07	0.23	0.36	0.71	0.87	0.05	0.50	0.34	0.28
	Legs	*r*	-0.15	-0.16	-0.17	-0.19	-0.21	-0.23	-0.25	-0.28	-0.30	-0.32	-0.36	-0.38	-0.39	-0.40	-0.41	-0.42	-0.42	-0.42	-0.42
		p	0.43	0.38	0.36	0.32	0.26	0.21	0.17	0.13	0.10	0.08	0.05	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02
	Arms	*r*	-0.45	-0.46	-0.47	-0.48	-0.49	-0.50	-0.51	-0.52	-0.52	-0.53	-0.53	-0.54	-0.54	-0.55	-0.56	-0.58	-0.61	-0.62	-0.62
		p	0.01	0.009	0.008	0.007	0.005	0.004	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.0006	0.0003	0.0002	0.0002
Δ LST	Total	*r*	-0.41	-0.38	-0.36	-0.35	-0.36	-0.39	-0.42	-0.46	-0.48	-0.52	-0.56	-0.58	-0.59	-0.58	-0.56	-0.50	-0.32	-0.13	-0.04
		p	0.02	0.03	0.05	0.05	0.04	0.03	0.02	0.01	0.006	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.08	0.47	0.82
	Trunk	*r*	-0.17	-0.19	-0.20	-0.20	-0.24	-0.28	-0.38	-0.45	-0.49	-0.52	-0.46	-0.37	-0.29	-0.16	-0.15	0.29	0.01	-0.29	-0.29
		p	0.36	0.31	0.27	0.28	0.19	0.13	0.04	0.01	0.005	0.003	0.009	0.04	0.11	0.38	0.43	0.12	0.96	0.12	0.12
	Legs	*r*	-0.16	-0.16	-0.16	-0.17	-0.19	-0.21	-0.23	-0.25	-0.27	-0.30	-0.34	-0.36	-0.38	-0.40	-0.41	-0.42	-0.44	-0.45	-0.45
		p	0.39	0.39	0.38	0.37	0.31	0.26	0.22	0.17	0.14	0.10	0.06	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01
	Arms	*r*	-0.40	-0.41	-0.41	-0.43	-0.45	-0.47	-0.49	-0.51	-0.52	-0.53	-0.54	-0.55	-0.56	-0.59	-0.61	-0.64	-0.67	-0.69	-0.69
		p	0.03	0.02	0.02	0.02	0.01	0.007	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.0005	0.0003	0.0001	<0.0001	<0.0001	<0.0001
Δ FM	Total	*r*	-0.05	-0.10	-0.13	-0.15	-0.16	-0.17	-0.16	-0.16	-0.15	-0.14	-0.14	-0.13	-0.13	-0.13	-0.14	-0.13	-0.09	-0.03	0.06
		p	0.78	0.58	0.49	0.42	0.38	0.37	0.39	0.40	0.42	0.44	0.47	0.48	0.47	0.47	0.47	0.47	0.63	0.88	0.77
	Trunk	*r*	0.02	0.04	0.04	0.04	0.04	0.06	0.07	0.09	0.09	0.09	0.06	0.07	0.06	0.05	0.08	0.12	-0.10	0.08	0.05
		p	0.91	0.84	0.83	0.83	0.84	0.76	0.72	0.64	0.62	0.63	0.76	0.69	0.76	0.78	0.69	0.52	0.61	0.68	0.80
	Legs	*r*	-0.07	-0.09	-0.10	-0.13	-0.14	-0.15	-0.16	-0.16	-0.16	-0.17	-0.17	-0.17	-0.17	-0.16	-0.16	-0.14	-0.12	-0.11	-0.10
		p	0.72	0.63	0.58	0.50	0.44	0.42	0.40	0.38	0.38	0.37	0.36	0.36	0.37	0.38	0.40	0.45	0.52	0.57	0.59
	Arms	*r*	-0.22	-0.22	-0.22	-0.21	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.19	-0.18	-0.17	-0.16	-0.15	-0.14	-0.13	-0.12	-0.11
		p	0.23	0.23	0.24	0.26	0.27	0.28	0.28	0.28	0.28	0.28	0.30	0.34	0.36	0.40	0.42	0.45	0.47	0.51	0.56
Δ BMC	Total	*r*	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.12	0.12	0.12	0.10	0.08	0.04	-0.03	-0.05	-0.02
		p	0.85	0.84	0.82	0.80	0.76	0.72	0.68	0.65	0.61	0.57	0.53	0.53	0.53	0.60	0.68	0.85	0.89	0.80	0.91
	Trunk	*r*	0.07	0.05	0.06	0.06	0.07	0.10	0.17	0.19	0.19	0.21	0.13	0.12	0.09	0.08	0.18	-0.06	-0.01	0.33	0.28
		p	0.71	0.77	0.73	0.75	0.69	0.59	0.36	0.32	0.31	0.25	0.49	0.51	0.62	0.66	0.33	0.76	0.97	0.07	0.13
	Legs	*r*	0.38	0.38	0.38	0.38	0.37	0.38	0.38	0.37	0.37	0.37	0.37	0.36	0.36	0.36	0.36	0.37	0.37	0.38	0.39
		p	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.03	0.03
	Arms	*r*	-0.32	-0.27	-0.23	-0.19	-0.16	-0.15	-0.16	-0.17	-0.17	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19	-0.22	-0.25	-0.26
		p	0.08	0.14	0.21	0.30	0.38	0.41	0.40	0.37	0.35	0.31	0.30	0.30	0.31	0.32	0.32	0.30	0.23	0.17	0.15

[1]Dual-energy x-ray absorptiometry (Lunar Prodigy, GE) variables are displayed in furthest left column, and multi-frequency bioelectrical impedance (mBCA 515/514, Seca) analysis frequencies are displayed in top row.

Abbreviations. BMC: bone mineral content; DXA: dual-energy x-ray absorptiometry; FM: fat mass; LST: lean soft tissue; ST: soft tissue (i.e. FM + LST)