Study	Experimental Total	Mean	SD	Control Total	Mean	SD	Standardised Mean Difference	SMD	95%–CI	Weight (common)	Weight (random)
subgroup = COP_area											
Gazzola, et al. [10]	36	127.00	49.4400	41	154.71	55.1000		−0.52	[−0.98; −0.07]	1.1%	0.8%
Gazzola, et al. [10]	36	5.00	4.9000	41	1.86	1.0500		0.91	[0.43; 1.38]	1.0%	0.8%
Gazzola, et al. [10]	36	7.00	7.8300	41	1.77	0.9800		0.97	[0.49; 1.44]	1.0%	0.8%
Gazzola, et al. [10]	36	21.00	13.7300	41	10.59	7.9400		0.95	[0.46; 1.44]	0.9%	0.8%
Gazzola, et al. [10]	36	4.00	3.0600	41	2.16	0.9900		0.82	[0.36; 1.29]	1.0%	0.8%
Gazzola, et al. [10]	36	4.00	3.0400	41	2.09	1.0300		0.86	[0.39; 1.32]	1.0%	0.8%
Gazzola, et al. [10]	36	4.00	3.1200	41	2.27	1.2900		0.73	[0.27; 1.20]	1.1%	0.8%
Gazzola, et al. [10]	36	4.00	2.4700	41	2.06	1.1300		1.02	[0.55; 1.50]	1.0%	0.8%
Gazzola, et al. [10]	36	5.00	4.5400	41	2.30	1.2100		0.83	[0.36; 1.30]	1.0%	0.8%
Gazzola, et al. [10]	36	7.00	5.0900	41	3.17	1.8300		1.02	[0.54; 1.49]	1.0%	0.8%
Gazzola, et al. [10]	36	6.00	4.1100	41	3.62	1.8300		0.76	[0.29; 1.22]	1.1%	0.8%
Cusin, et al. [26]	30	1.00	0.4500	40	0.73	0.2700		0.75	[0.26; 1.24]	0.9%	0.8%
Cusin, et al. [26]	30	1.00	0.6300	40	0.90	0.2700		0.22	[−0.26; 0.69]	1.0%	0.8%
Cusin, et al. [26]	30	2.00	0.9600	40	2.44	0.9400		−0.46	[−0.94; 0.02]	1.0%	0.8%
Cusin, et al. [26]	30	1.00	0.5200	40	0.98	0.4300		0.04	[−0.43; 0.52]	1.0%	0.8%
Cusin, et al. [26]	30	1.00	0.3200	40	0.88	0.2600		0.41	[−0.07; 0.89]	1.0%	0.8%
Cusin, et al. [26]	30	1.00	0.5300	40	0.88	0.2900		0.29	[−0.19; 0.77]	1.0%	0.8%
Cusin, et al. [26]	30	1.00	0.4500	40	0.89	0.2800		0.30	[−0.18; 0.78]	1.0%	0.8%
Cusin, et al. [26]	30	1.00	0.4600	40	0.91	0.3200		0.23	[−0.24; 0.71]	1.0%	0.8%
Cusin, et al. [26]	30	1.00	0.5800	40	1.18	0.4400		−0.35	[−0.83; 0.12]	1.0%	0.8%
Cusin, et al. [26]	30	1.00	0.6000	40	1.30	0.4100		−0.59	[−1.08; −0.11]	1.0%	0.8%
Lança, et al. [29]	21	5.00	7.5200	21	3.31	2.8700		0.29	[−0.32; 0.90]	0.6%	0.8%
Lança, et al. [29]	21	3.00	3.8100	21	4.84	3.8700		−0.47	[−1.08; 0.14]	0.6%	0.8%
Lança, et al. [29]	21	9.00	10.1400	21	11.79	9.5500		−0.28	[−0.89; 0.33]	0.6%	0.8%
Lança, et al. [29]	21	2.00	2.3300	21	2.35	2.0300		−0.16	[−0.76; 0.45]	0.6%	0.8%
Lança, et al. [29]	21	3.00	3.3700	21	2.46	2.5500		0.18	[−0.43; 0.78]	0.6%	0.8%
Lança, et al. [29]	21	3.00	3.8200	21	1.91	1.5700		0.37	[−0.24; 0.98]	0.6%	0.8%
Lança, et al. [29]	21	3.00	3.8300	21	2.28	1.8700		0.23	[−0.37; 0.84]	0.6%	0.8%
Lança, et al. [29]	21	3.00	4.4500	21	2.85	2.8500		0.04	[−0.57; 0.64]	0.6%	0.8%
Lança, et al. [29]	21	5.00	5.7900	21	5.02	4.5200		−0.00	[−0.61; 0.60]	0.6%	0.8%
Lança, et al. [29]	21	4.00	3.3500	21	4.62	4.1900		−0.16	[−0.77; 0.45]	0.6%	0.8%
Kasse, et al. [28]	20	3.00	3.7700	20	3.19	2.2800		−0.06	[−0.68; 0.56]	0.6%	0.8%
Kasse, et al. [28]	20	2.00	3.2100	20	4.46	3.9000		−0.68	[−1.31; −0.04]	0.6%	0.8%
Kasse, et al. [28]	20	8.00	3.8700	20	12.19	13.2700		−0.42	[−1.05; 0.21]	0.6%	0.8%
Kasse, et al. [28]	20	2.00	0.8900	20	1.94	1.0500		0.06	[−0.56; 0.68]	0.6%	0.8%
Kasse, et al. [28]	20	2.00	2.8300	20	2.54	2.0300		−0.21	[−0.84; 0.41]	0.6%	0.8%
Kasse, et al. [28]	20	2.00	2.8100	20	3.24	3.6000		−0.38	[−1.00; 0.25]	0.6%	0.8%
Kasse, et al. [28]	20	2.00	3.5000	20	3.26	3.4900		−0.35	[−0.98; 0.27]	0.6%	0.8%
Kasse, et al. [28]	20	2.00	1.6500	20	2.58	2.1400		−0.30	[−0.92; 0.33]	0.6%	0.8%
Kasse, et al. [28]	20	4.00	2.1500	20	4.31	2.1700		−0.14	[−0.76; 0.48]	0.6%	0.8%
Kasse, et al. [28]	20	3.00	2.1600	20	3.76	1.7800		−0.38	[−1.00; 0.25]	0.6%	0.8%
Garcia, et al. [27]	23	3.00	4.0800	21	2.67	4.9600		0.07	[−0.52; 0.66]	0.6%	0.8%
Garcia, et al. [27]	23	3.00	3.1300	21	4.69	10.0600		−0.23	[−0.82; 0.37]	0.6%	0.8%
Garcia, et al. [27]	23	8.00	5.7100	21	12.72	20.2000		−0.32	[−0.91; 0.28]	0.6%	0.8%
Garcia, et al. [27]	23	2.00	1.5600	21	3.10	7.7800		−0.20	[−0.79; 0.40]	0.6%	0.8%
Garcia, et al. [27]	23	3.00	3.9800	21	6.97	20.7200		−0.27	[−0.86; 0.33]	0.6%	0.8%
Garcia, et al. [27]	23	3.00	3.2600	21	6.07	16.0900		−0.27	[−0.86; 0.33]	0.6%	0.8%
Garcia, et al. [27]	23	3.00	3.2800	21	5.75	15.7600		−0.24	[−0.84; 0.35]	0.6%	0.8%
Garcia, et al. [27]	23	3.00	5.6600	21	4.86	11.8500		−0.20	[−0.79; 0.39]	0.6%	0.8%
Garcia, et al. [27]	23	3.00	5.7000	21	5.62	12.7100		−0.27	[−0.86; 0.33]	0.6%	0.8%
Garcia, et al. [27]	23	3.00	4.0200	21	5.44	12.0700		−0.27	[−0.87; 0.32]	0.6%	0.8%
Common effect model	**1331**			**1471**				**0.16**	**[0.08; 0.23]**	**39.5%**	**––**
Random effects model								**0.09**	**[−0.15; 0.33]**	**––**	**39.5%**
A Heterogeneity: $I^2 = 72\%$, $\tau^2 = 0.6775$, $p < 0.01$											
subgroup = COP_rate											
Gazzola, et al. [10]	36	1.00	0.4600	41	0.89	0.2600		0.30	[−0.15; 0.75]	1.1%	0.8%
Gazzola, et al. [10]	36	2.00	0.6700	41	1.11	0.4100		1.62	[1.09; 2.14]	0.8%	0.8%
Gazzola, et al. [10]	36	3.00	1.1500	41	2.87	1.3600		0.10	[−0.36; 0.56]	1.1%	0.8%
Gazzola, et al. [10]	36	1.00	0.5900	41	1.25	0.6300		−0.40	[−0.86; 0.05]	1.1%	0.8%
Gazzola, et al. [10]	36	1.00	0.4900	41	1.25	0.5500		−0.47	[−0.93; −0.02]	1.1%	0.8%
Gazzola, et al. [10]	36	1.00	0.4700	41	1.19	0.5200		−0.38	[−0.83; 0.07]	1.1%	0.8%
Gazzola, et al. [10]	36	1.00	0.5400	41	1.14	0.4700		−0.28	[−0.72; 0.17]	1.1%	0.8%
Gazzola, et al. [10]	36	2.00	0.7200	41	1.14	0.4600		1.43	[0.93; 1.93]	0.9%	0.8%
Gazzola, et al. [10]	36	2.00	0.8300	41	1.47	0.6500		0.71	[0.25; 1.17]	1.1%	0.8%
Gazzola, et al. [10]	36	2.00	0.6000	41	1.69	0.6900		0.47	[0.02; 0.93]	1.1%	0.8%
Monteiro, et al. [33]	45	1.00	0.7600	45	0.73	0.2800		0.47	[0.05; 0.89]	1.3%	0.8%
Monteiro, et al. [33]	45	1.00	1.0300	45	0.91	0.2900		0.12	[−0.30; 0.53]	1.3%	0.8%
Monteiro, et al. [33]	45	3.00	2.3200	45	2.51	0.9300		0.27	[−0.14; 0.69]	1.3%	0.8%
Monteiro, et al. [33]	45	1.00	0.5700	45	0.99	0.4200		0.02	[−0.39; 0.43]	1.3%	0.8%
Monteiro, et al. [33]	45	1.00	0.8500	45	0.90	0.2700		0.16	[−0.26; 0.57]	1.3%	0.8%
Monteiro, et al. [33]	45	1.00	0.6800	45	0.91	0.3000		0.17	[−0.24; 0.58]	1.3%	0.8%
Monteiro, et al. [33]	45	1.00	0.5200	45	0.91	0.3000		0.21	[−0.20; 0.62]	1.3%	0.8%
Monteiro, et al. [33]	45	1.00	0.7000	45	9.30	0.3200		−15.12	[−17.42; −12.82]	0.0%	0.3%
Monteiro, et al. [33]	45	2.00	0.6500	45	1.17	0.4300		1.49	[1.02; 1.96]	1.0%	0.8%
Monteiro, et al. [33]	45	2.00	0.5500	45	1.28	0.4100		1.47	[1.00; 1.94]	1.0%	0.8%
Cusin, et al. [26]	30	3.00	2.2500	40	1.68	0.9300		0.80	[0.31; 1.29]	0.9%	0.8%
Cusin, et al. [26]	30	4.00	5.5000	40	1.80	1.1500		0.59	[0.10; 1.07]	1.0%	0.8%
Cusin, et al. [26]	30	10.00	7.8900	40	7.62	4.3300		0.39	[−0.09; 0.86]	1.0%	0.8%
Cusin, et al. [26]	30	2.00	1.4300	40	1.46	1.1500		0.42	[−0.06; 0.90]	1.0%	0.8%
Cusin, et al. [26]	30	3.00	2.8900	40	1.57	1.0100		0.69	[0.21; 1.18]	1.0%	0.8%
Cusin, et al. [26]	30	4.00	4.5600	40	1.43	0.9900		0.83	[0.33; 1.32]	0.9%	0.8%
Cusin, et al. [26]	30	3.00	3.2400	40	1.58	1.4700		0.59	[0.10; 1.07]	1.0%	0.8%
Cusin, et al. [26]	30	4.00	5.1300	40	1.82	1.6400		0.60	[0.12; 1.09]	1.0%	0.8%
Cusin, et al. [26]	30	5.00	5.1100	40	2.31	1.8200		0.74	[0.25; 1.23]	0.9%	0.8%
Cusin, et al. [26]	30	4.00	4.1300	40	2.41	1.5800		0.53	[0.05; 1.01]	1.0%	0.8%
Lança, et al. [37]	21	1.00	0.3400	21	0.96	0.3600		0.11	[−0.49; 0.72]	0.6%	0.8%
Lança, et al. [29]	21	1.00	0.5200	21	1.35	0.6100		−0.61	[−1.23; 0.01]	0.6%	0.8%
Lança, et al. [29]	21	2.00	0.8700	21	2.46	1.0100		−0.48	[−1.09; 0.14]	0.6%	0.8%
Lança, et al. [29]	21	1.00	0.4200	21	1.25	0.4300		−0.58	[−1.20; 0.04]	0.6%	0.8%
Lança, et al. [29]	21	1.00	0.4500	21	1.10	0.4600		−0.22	[−0.82; 0.39]	0.6%	0.8%
Lança, et al. [29]	21	1.00	0.5200	21	1.11	0.3900		−0.23	[−0.84; 0.37]	0.6%	0.8%
Lança, et al. [29]	21	1.00	0.4900	21	1.11	0.4300		−0.23	[−0.84; 0.37]	0.6%	0.8%
Lança, et al. [29]	21	1.00	0.5300	21	1.17	0.4600		−0.34	[−0.95; 0.27]	0.6%	0.8%
Lança, et al. [29]	21	2.00	0.6300	21	1.83	0.8900		0.22	[−0.39; 0.82]	0.6%	0.8%
Lança, et al. [37]	38	2.00	0.5100	21	1.91	0.5400		0.17	[−0.44; 0.77]	0.6%	0.8%
Garcia, et al. [27]	23	1.00	0.5700	21	0.92	0.9800		0.10	[−0.49; 0.69]	0.6%	0.8%
Garcia, et al. [27]	23	1.00	0.7000	21	1.39	0.1830		−0.73	[−1.35; −0.12]	0.6%	0.8%
Garcia, et al. [27]	23	2.00	1.0600	21	2.61	1.6800		−0.43	[−1.03; 0.17]	0.6%	0.8%
Garcia, et al. [27]	23	1.00	0.5900	21	1.16	1.3600		−0.15	[−0.74; 0.44]	0.6%	0.8%
Garcia, et al. [27]	23	1.00	1.0400	21	1.43	2.5500		−0.22	[−0.81; 0.37]	0.6%	0.8%
Garcia, et al. [27]	23	1.00	0.6200	21	1.47	2.7600		−0.24	[−0.83; 0.36]	0.6%	0.8%
Garcia, et al. [27]	23	1.00	0.6200	21	1.35	2.2800		−0.21	[−0.80; 0.38]	0.6%	0.8%
Garcia, et al. [27]	23	1.00	0.6400	21	1.29	1.8800		−0.21	[−0.80; 0.39]	0.6%	0.8%
Garcia, et al. [27]	23	2.00	1.8800	21	1.69	2.3600		0.14	[−0.45; 0.74]	0.6%	0.8%
Garcia, et al. [27]	23	2.00	1.4200	21	1.83	2.5400		0.08	[−0.51; 0.67]	0.6%	0.8%
Common effect model	**1545**			**1680**				**0.24**	**[0.16; 0.31]**	**43.9%**	**––**
Random effects model								**0.09**	**[−0.15; 0.33]**	**––**	**38.7%**
B Heterogeneity: $I^2 = 88\%$, $\tau^2 = 0.6775$, $p < 0.01$											
subgroup = LF_PS											
Viziano, et al. [38]	23	7.00	1.4400	24	7.60	1.5800		−0.39	[−0.97; 0.19]	0.7%	0.8%
Viziano, et al. [38]	23	6.00	1.5100	24	7.29	1.8600		−0.75	[−1.34; −0.15]	0.6%	0.8%
Viziano, et al. [38]	23	5.00	0.5500	24	5.38	0.4600		−0.74	[−1.33; −0.15]	0.6%	0.8%
Viziano, et al. [38]	23	4.00	0.4100	24	4.44	0.3400		−1.15	[−1.77; −0.53]	0.6%	0.8%
Viziano, et al. [38]	23	1078.00	341.4800	24	1364.96	452.4500		−0.70	[−1.29; −0.11]	0.6%	0.8%
Viziano, et al. [38]	23	396.00	98.2800	24	568.52	112.9800		−1.60	[−2.26; −0.94]	0.5%	0.7%
Micarelli, et al. [32]	23	8.00	1.5800	24	6.50	1.4400		0.98	[0.37; 1.58]	0.6%	0.8%
Micarelli, et al. [32]	23	7.00	1.8600	24	6.05	1.5100		0.55	[−0.03; 1.14]	0.7%	0.8%
Micarelli, et al. [32]	23	5.00	0.4600	24	4.73	0.5500		0.52	[−0.06; 1.11]	0.7%	0.8%
Micarelli, et al. [32]	23	4.00	0.3400	24	3.97	0.4100		0.08	[−0.49; 0.65]	0.7%	0.8%
Micarelli, et al. [32]	23	1365.00	452.4500	24	1077.59	341.4800		0.71	[0.12; 1.30]	0.6%	0.8%
Micarelli, et al. [32]	23	785.00	162.4900	24	665.55	165.7200		0.72	[0.12; 1.31]	0.6%	0.8%
Micarelli, et al. [32]	23	569.00	112.9800	24	395.63	98.2800		1.61	[0.95; 2.28]	0.5%	0.7%
Common effect model	**299**			**312**				**−0.01**	**[−0.17; 0.16]**	**8.2%**	**––**
Random effects model								**−0.01**	**[−0.49; 0.47]**	**––**	**9.9%**
C Heterogeneity: $I^2 = 89\%$, $\tau^2 = 0.6775$, $p < 0.01$											
subgroup = DHI											
Viziano, et al. [38]	23	7.00	2.5400	24	9.73	3.8700		−0.82	[−1.41; −0.22]	0.6%	0.8%
Viziano, et al. [38]	23	10.00	2.1300	24	13.56	3.0700		−1.32	[−1.96; −0.68]	0.6%	0.8%
Viziano, et al. [38]	23	9.00	2.6100	24	12.43	3.9000		−1.01	[−1.62; −0.40]	0.6%	0.8%
Viziano, et al. [38]	23	26.00	2.9200	24	35.73	5.8800		−2.05	[−2.76; −1.33]	0.4%	0.7%
Kasse, et al. [28]	20	0.00	0.4400	20	2.43	1.0500		−2.96	[−3.88; −2.04]	0.3%	0.7%
Kasse, et al. [28]	20	0.00	0.0900	20	0.76	0.8700		−1.20	[−1.88; −0.53]	0.5%	0.7%
Kasse, et al. [28]	20	1.00	0.2600	20	1.50	0.9600		−0.70	[−1.34; −0.06]	0.6%	0.8%
Kasse, et al. [28]	20	2.00	6.2700	20	37.60	21.1200		−2.24	[−3.05; −1.43]	0.3%	0.7%
Micarelli, et al. [32]	23	10.00	3.8700	24	7.13	2.5400		0.87	[0.27; 1.47]	0.6%	0.8%
Micarelli, et al. [32]	23	14.00	3.0700	24	10.08	2.1300		1.46	[0.81; 2.11]	0.5%	0.7%
Micarelli, et al. [32]	23	12.00	3.9000	24	8.86	2.6100		0.93	[0.33; 1.54]	0.6%	0.8%
Micarelli, et al. [32]	23	36.00	5.8800	24	26.08	2.9200		2.12	[1.39; 2.84]	0.4%	0.7%
Garcia, et al. [27]	23	7.00	6.9100	21	13.33	7.9800		−0.84	[−1.45; −0.22]	0.6%	0.8%
Garcia, et al. [27]	23	7.00	8.2000	21	17.33	9.8100		−1.13	[−1.77; −0.49]	0.6%	0.8%
Garcia, et al. [27]	23	9.00	8.6400	21	17.33	8.4500		−0.96	[−1.58; −0.33]	0.6%	0.8%
Garcia, et al. [27]	23	23.00	22.0700	21	48.38	22.3700		−1.12	[−1.76; −0.48]	0.6%	0.8%
Common effect model	**356**			**356**				**−0.57**	**[−0.74; −0.41]**	**8.4%**	**––**
Random effects model								**−0.66**	**[−1.10; −0.22]**	**––**	**11.9%**
D Heterogeneity: $I^2 = 93\%$, $\tau^2 = 0.6775$, $p < 0.01$											
Common effect model	**3531**			**3819**				**0.12**	**[0.07; 0.16]**	**100.0%**	**––**
Random effects model								**−0.01**	**[−0.17; 0.14]**	**––**	**100.0%**

Heterogeneity: $I^2 = 87\%$, $\tau^2 = 0.7523$, $p < 0.01$
Residual heterogeneity: $I^2 = 86\%$, $\tau^2 = 0.6775$, $p < 0.01$
Test for subgroup differences (fixed effect): $\chi^2_3 = 80.90$, df = 3 ($p < 0.01$)
Test for subgroup differences (random effects): $\chi^2_3 = 9.83$, df = 3 ($p = 0.02$)

−15 −10 −5 0 5 10 15

Supplementary Fig. 2. Forest plot of subgroup analysis for the outcome measures of center of pressure area (A), center of pressure rate (B), power spectra with low frequency (C), and score of Dizziness Handicap Index (D).