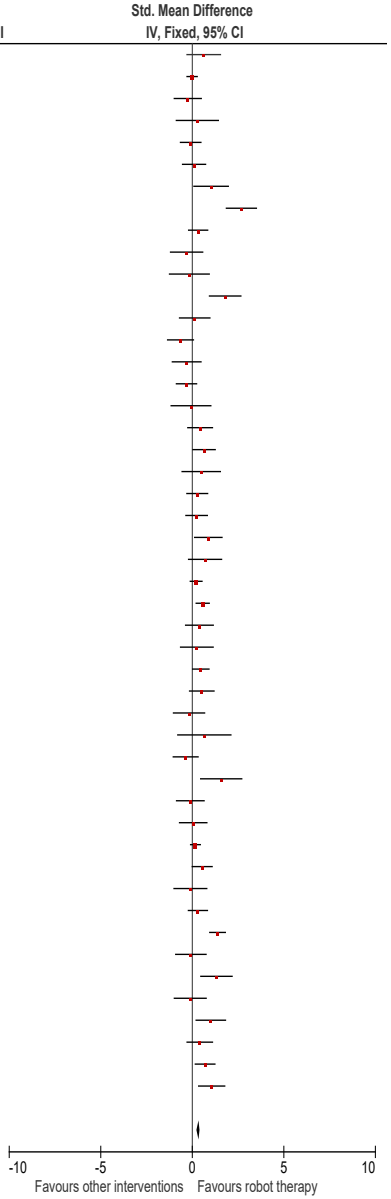
Figure 10: Arm function (FMA UE, Quick DASH, manual function test [different scale ranges], higher values are better, change scores) at end of intervention

Study or Subgroup	Std. Mean Difference	SE	Robot arm training Total	Other interventions Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
Ang 2014	0.6257	0.4694	15	7	0.9%	0.63 [-0.29, 1.55]
Aprile 2020	-0.0086	0.1452	91	99	9.5%	-0.01 [-0.29, 0.28]
Bishop 2014	-0.245	0.3796	14	14	1.4%	-0.24 [-0.99, 0.50]
Brokaw 2014	0.2769	0.5896	7	5	0.6%	0.28 [-0.88, 1.43]
Burgar 2011	-0.0875	0.2888	36	18	2.4%	-0.09 [-0.65, 0.48]
Carpinella 2020	0.0986	0.3247	19	19	1.9%	0.10 [-0.54, 0.74]
Chen 2021A	1.0302	0.4827	10	10	0.9%	1.03 [0.08, 1.98]
Chinembiri 2021	2.6827	0.4215	20	25	1.1%	2.68 [1.86, 3.51]
Conroy 2011	0.3214	0.27	41	21	2.7%	0.32 [-0.21, 0.85]
Coskunsu 2022	-0.3089	0.4528	11	9	1.0%	-0.31 [-1.20, 0.58]
Daly 2005	-0.1586	0.5576	7	6	0.6%	-0.16 [-1.25, 0.93]
Fazekas 2007	1.7963	0.4419	15	15	1.0%	1.80 [0.93, 2.66]
Frisoli 2022	0.1335	0.427	11	11	1.1%	0.13 [-0.70, 0.97]
Gandolfi 2019	-0.6422	0.3638	16	16	1.5%	-0.64 [-1.36, 0.07]
Grigoras 2016	-0.3055	0.4031	13	12	1.2%	-0.31 [-1.10, 0.48]
Hesse 2014	-0.3159	0.2848	25	25	2.5%	-0.32 [-0.87, 0.24]
Hollenstein 2011	-0.0699	0.5566	7	6	0.6%	-0.07 [-1.16, 1.02]
Housman 2009	0.4293	0.3474	17	17	1.7%	0.43 [-0.25, 1.11]
Hsieh 2014	0.6444	0.3138	32	16	2.0%	0.64 [0.03, 1.26]
Hwang 2012	0.4883	0.5372	9	6	0.7%	0.49 [-0.56, 1.54]
Kim 2021	0.2732	0.2933	23	24	2.3%	0.27 [-0.30, 0.85]
Lee 2016	0.2371	0.3027	22	22	2.2%	0.24 [-0.36, 0.83]
Lee 2018	0.8765	0.3848	15	15	1.4%	0.88 [0.12, 1.63]
Liao 2012	0.6994	0.4639	10	10	0.9%	0.70 [-0.21, 1.61]
Lin 2022	0.2118	0.1671	72	72	7.2%	0.21 [-0.12, 0.54]
Lo 2010	0.57	0.1859	49	78	5.8%	0.57 [0.21, 0.93]
Lum 2002	0.391	0.3894	13	14	1.3%	0.39 [-0.37, 1.15]
Lum 2006	0.2503	0.4578	24	6	1.0%	0.25 [-0.65, 1.15]
Marganska 2014	0.4659	0.2312	39	38	3.7%	0.47 [0.01, 0.92]
Masiero 2007	0.519	0.3445	17	18	1.7%	0.52 [-0.16, 1.19]
Masiero 2011	-0.1765	0.438	11	10	1.0%	-0.18 [-1.03, 0.68]
Mayr 2008	0.6578	0.7438	4	4	0.4%	0.66 [-0.80, 2.12]
McCabe 2015	-0.362	0.3496	12	27	1.6%	-0.36 [-1.05, 0.32]
Orihuela-Espina 2016	1.5811	0.576	9	8	0.6%	1.58 [0.45, 2.71]
Rabadi 2008	-0.1065	0.3876	10	20	1.3%	-0.11 [-0.87, 0.65]
Ranzani 2020	0.0508	0.3852	14	13	1.4%	0.05 [-0.70, 0.81]
Remy-Neris 2021	0.1717	0.1389	105	103	10.4%	0.17 [-0.10, 0.44]
Sale 2014	0.542	0.2802	26	27	2.6%	0.54 [-0.01, 1.09]
Susanto 2015	-0.1034	0.4599	9	10	0.9%	-0.10 [-1.00, 0.80]
Takahashi 2016	0.3078	0.2696	30	26	2.8%	0.31 [-0.22, 0.84]
Takebayashi 2022	1.3804	0.2203	81	36	4.1%	1.38 [0.95, 1.81]
Timmermans 2014	-0.0751	0.4266	11	11	1.1%	-0.08 [-0.91, 0.76]
Tomic 2017	1.3204	0.4397	13	13	1.0%	1.32 [0.46, 2.18]
Valles 2016	-0.1107	0.4476	10	10	1.0%	-0.11 [-0.99, 0.77]
Vanoglio 2017	1.0118	0.413	14	13	1.2%	1.01 [0.20, 1.82]
Villafane 2017	0.4104	0.3578	16	16	1.6%	0.41 [-0.29, 1.11]
Volpe 2000	0.7009	0.2766	30	26	2.6%	0.70 [0.16, 1.24]
Zengin-Metli 2018	1.06	0.3671	20	15	1.5%	1.06 [0.34, 1.78]
Total (95% CI)			**1125**	**1042**	**100.0%**	**0.34 [0.26, 0.43]**

Heterogeneity: Chi² = 132.92, df = 47 (P < 0.00001); I² = 65%
Test for overall effect: Z = 7.69 (P < 0.00001)