

Table SVIII Sensitivity analysis for the associations of MMRP within individual studies regarding the length of the treatment in the 12 eligible meta-analyses

Meta-analysis	Outcome	Evidence category	Average length of MMRP in included studies k	N > 350	Random-effects measure, ES (95% CI)	Random effects p-value	Largest study statistically significant	12 smaller studies than 50% null value	95% prediction intervals	Absence of excess significance bias	Absence of excess significance bias	Evidence category after sensitivity analysis
<i>Long term duration of MMRP (>5 weeks)</i>												
Kamper, 2014 (4)	Pain short term	Suggestive evidence	11 weeks	4	No	SMD, -0.34 (-0.68, 0.00)	0.052	Yes	Yes	No	No	No evidence
Kamper, 2014 (4)	Disability short term	Weak evidence	11 weeks	5	No	SMD, -0.29 (-0.83, 0.25)	0.298	No	No	Yes	Yes	No evidence
O'Keefe, 2016 (6)	Disability medium term	No evidence	12 weeks	10	Yes	SMD, 0.24 (0.06, 0.42)	0.009	No	No	Yes	Yes	Weak evidence
O'Keefe, 2016 (6)	Pain medium term	No evidence	12 weeks	11	Yes	SMD, 0.08 (-0.05, 0.20)	0.228	No	No	Yes	Yes	No evidence
Kamper, 2014 (4)	Depression medium term	No evidence	9 weeks	3	No	SMD, -0.05 (-0.35, 0.24)	0.732	No	No	No	No	No evidence
Kamper, 2014 (4)	Pain medium term	Weak evidence	9 weeks	3	No	SMD, 0.00 (-0.30, 0.30)	0.998	No	No	Yes	Yes	No evidence
Kamper, 2014 (4)	Disability medium term	No evidence	9 weeks	3	No	SMD, 0.02 (-0.28, 0.32)	0.908	No	No	Yes	Yes	No evidence
Kamper, 2014 (4)	Disability long term	Weak evidence	8 weeks	3	No	SMD, -0.32 (-0.56, -0.07)	0.013	Yes	No	Yes	Yes	Weak evidence
Kamper, 2014 (4)	Pain long term	Weak evidence	8 weeks	3	No	SMD, -0.30 (-0.59, -0.21)	0.035	No	No	Yes	Yes	Weak evidence
O'Keefe, 2016 (6)	Pain long term	Weak evidence	11 weeks	8	Yes	SMD, 0.19 (-0.02, 0.40)	0.074	No	No	Yes	Yes	No evidence
O'Keefe, 2016 (6)	Disability long term	Weak evidence	11 weeks	8	Yes	SMD, 0.25 (0.05, 0.45)	0.017	No	No	Yes	Yes	Weak evidence
Marin, 2017 (23)	Pain long term	Weak evidence	11 weeks	3	No	SMD, -0.57 (-0.85, -0.30)	3.2 × 10 ⁻⁵	Yes	No	Yes	Yes	Weak evidence
<i>Short term duration of MMRP (≤5 weeks)</i>												
Norlund, 2009 (17)	Return to work short term	Weak evidence	4 weeks	5	Yes	OR, 1.23 (1.13, 1.32)	1.05 × 10 ⁻⁷	Yes	Yes	No	No	Highly suggestive evidence
O'Keefe, 2016 (6)	Pain short term	No evidence	2 weeks	3	No	SMD, 0.42 (0.18, 0.65)	4.7 × 10 ⁻⁴	Yes	No	Yes	Yes	Weak evidence
Kamper, 2014 (4)	Pain short term	Suggestive evidence	3 weeks	3	No	SMD, -1.08 (-1.61, -0.54)	8.2 × 10 ⁻⁵	Yes	No	Yes	Yes	Weak evidence
Kamper, 2014 (4)	Disability short term	Suggestive evidence	3 weeks	4	Yes	SMD, -0.43 (-0.72, -0.14)	0.004	No	No	Yes	Yes	Weak evidence
Kamper, 2014 (4)	Disability short term	Weak evidence	4 weeks	11	Yes	SMD, -0.43 (-0.76, -0.09)	0.011	Yes	No	Yes	Yes	Weak evidence
Kamper, 2014 (4)	Disability short term	Weak evidence	4 weeks	10	Yes	SMD, -0.32 (-0.61, -0.05)	0.020	No	No	Yes	Yes	Weak evidence
O'Keefe, 2016 (6)	Disability short term	Weak evidence	3 weeks	3	No	SMD, 0.50 (0.28, 0.73)	2.5 × 10 ⁻⁵	Yes	No	No	No	Weak evidence
O'Keefe, 2016 (6)	Disability medium term	No evidence	3 weeks	3	No	SMD, -0.22 (-0.45, 0.01)	0.053	Yes	No	Yes	Yes	No evidence
O'Keefe, 2016 (6)	Pain medium term	No evidence	3 weeks	4	Yes	SMD, 0.02 (-0.16, 0.20)	0.815	No	No	Yes	Yes	No evidence
Kamper, 2014 (4)	Pain medium term	Weak evidence	3 weeks	5	Yes	SMD, -0.63 (-0.95, -0.31)	8.8 × 10 ⁻⁵	No	No	No	No	Suggestive evidence
Kamper, 2014 (4)	Depression short term	No evidence	4 weeks	5	Yes	SMD, -0.01 (-0.23, 0.22)	0.975	Yes	No	Yes	Yes	No evidence
Kamper, 2014 (4)	Depression medium term	No evidence	4 weeks	4	No	SMD, -0.31 (-0.76, 0.13)	0.164	No	No	No	No	No evidence
Kamper, 2014 (4)	Disability medium term	Suggestive evidence	3 weeks	4	Yes	SMD, -0.44 (-0.76, -0.12)	0.007	No	No	No	No	Weak evidence
Kamper, 2014 (4)	Pain medium term	Weak evidence	4 weeks	6	Yes	SMD, -0.41 (-0.77, -0.05)	0.024	No	No	Yes	Yes	Weak evidence
Kamper, 2014 (4)	Disability medium term	No evidence	4 weeks	6	No	SMD, -0.36 (-0.76, 0.04)	0.077	No	No	No	Yes	No evidence
Kamper, 2014 (4)	Disability long term	Weak evidence	4 weeks	8	Yes	SMD, -0.87 (-1.49, -0.25)	0.005	Yes	No	No	Yes	Weak evidence
Kamper, 2014 (4)	Disability long term	Weak evidence	2 weeks	3	Yes	SMD, -0.19 (-0.45, 0.06)	0.141	Yes	No	Yes	Yes	No evidence
Schaafsma, 2013 (55)	Time to return to work long term (12mo)	Weak evidence	4 weeks	4	Yes	SMD, -0.28 (-0.50, -0.06)	0.012	No	No	Yes	Yes	Weak evidence
O'Keefe, 2016 (6)	Pain long term	Weak evidence	3 weeks	7	Yes	SMD, 0.17 (-0.01, 0.37)	0.073	No	No	Yes	No	No evidence
Kamper, 2014 (4)	Work long term	No evidence	4 weeks	5	Yes	OR, 0.92 (0.58, 1.46)	0.731	No	No	No	No	No evidence
Kamper, 2014 (4)	Pain long term	No evidence	4 weeks	7	Yes	SMD, -0.72 (-1.36, -0.09)	0.024	No	No	Yes	Yes	Weak evidence
O'Keefe, 2016 (6)	Disability long term	Weak evidence	3 weeks	5	Yes	SMD, 0.26 (-0.09, 0.61)	0.152	No	No	No	No	No evidence
Kamper, 2014 (4)	Depression long term	No evidence	4 weeks	3	Yes	SMD, -0.22 (-0.85, 0.40)	0.489	No	No	Yes	No	No evidence

Abbreviations: MMRP: multimodal/multidisciplinary rehabilitation programs; k: number of included studies; ES: effect size; SMD: standardised mean difference; OR: odds ratio.