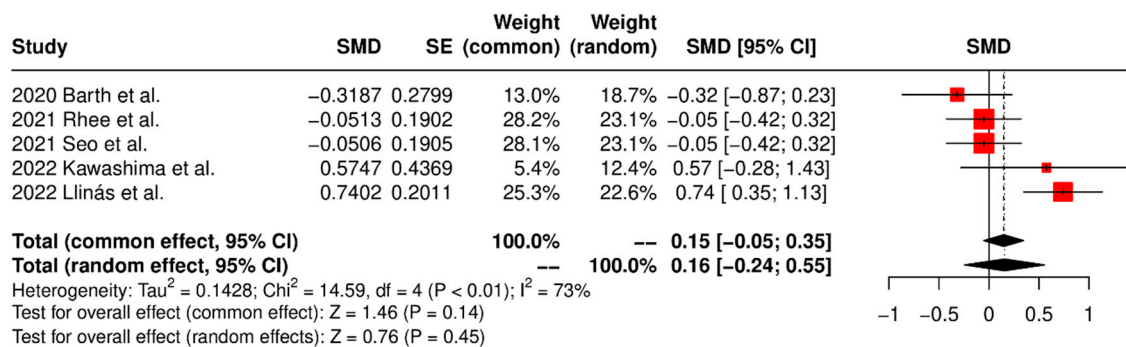
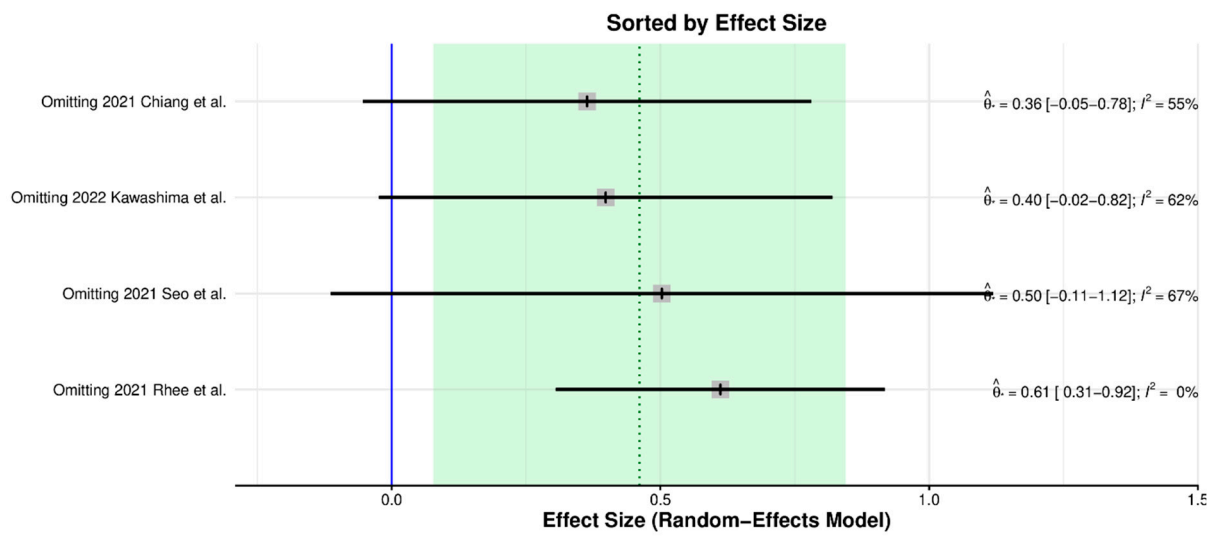


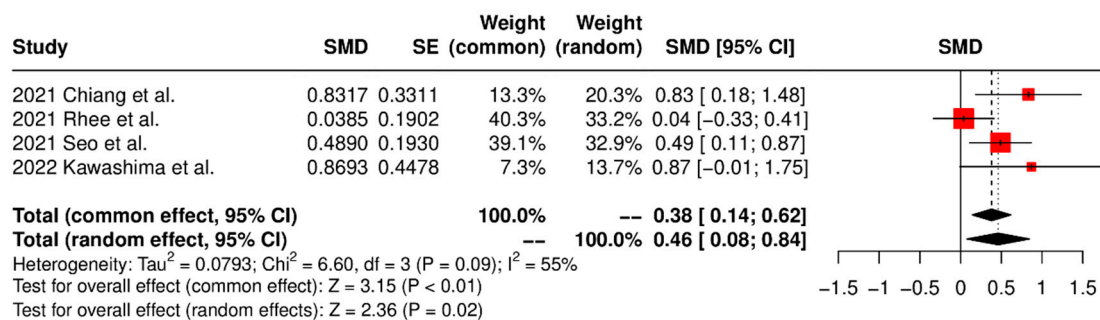
**Supplementary Figure S1.** Sensitivity analysis for ASES score



**Supplementary Figure S2.** Forest plot of ASES score before sensitivity analyses



**Supplementary Figure S3.** Sensitivity analysis for AHI



**Supplementary Figure S4.** Forest plot of AHI score before sensitivity analyses

**Supplementary table S1.** Summary of subgroup analyses according to SCR techniques

	SCR using LHBT with distal tenotomy					SCR using LHBT without distal tenotomy					Statistical significance
	OR or SMD	LL 95%CI	UL 95%CI	Number of studies	P value	OR or SMD	LL 95%CI	UL 95%CI	Number of studies	P value	
Retear rate	0.13	0.05	0.30	3	<0.01	0.28	0.14	0.57	3	<0.01	No difference
ASES score	0.26	-0.39	0.90	2	0.44	0.09	-0.46	0.63	3	0.76	No difference
VAS	-0.31	-0.62	0.01	2	0.06	0.05	-0.21	0.31	2	0.71	No difference
ROM (Forward flexion)	0.22 <sup>a</sup>	-0.56	1.00	1	0.58	0.39	-0.04	0.83	3	0.07	No difference
ROM (External rotation)	-0.29	-0.61	0.04	2	0.08	0.03	-0.23	0.29	3	0.82	No difference
Acromiohumeral interval	0.83 <sup>a</sup>	-0.01	1.67	1	0.05	0.36	-0.05	0.78	3	0.09	No difference

SCR, superior capsular reconstruction; OR, odds ratio; SMD, standardized mean difference; LL, lower limit; CI, confidence interval; UL, upper limit VAS, visual analog scale; ASES, the American Shoulder and Elbow Surgeons score; ROM, range of motion

<sup>a</sup> Estimates based on one study