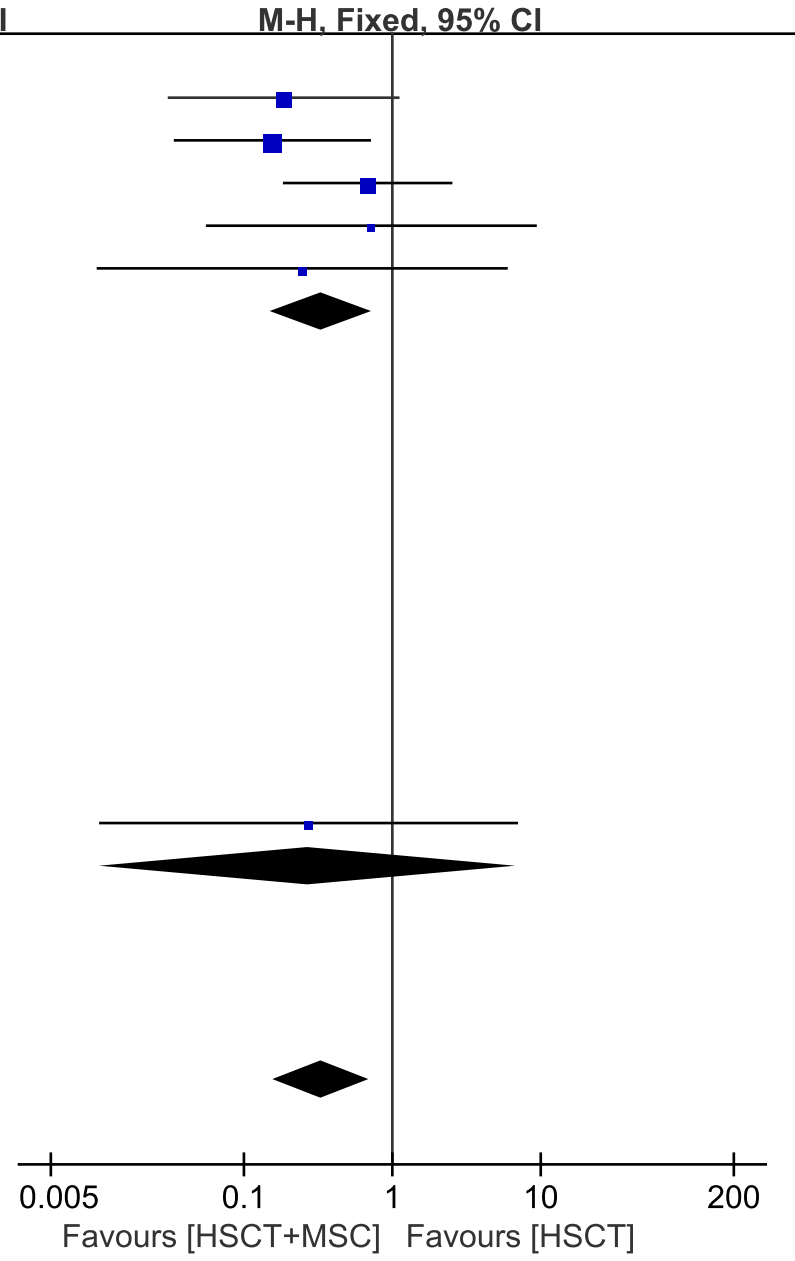
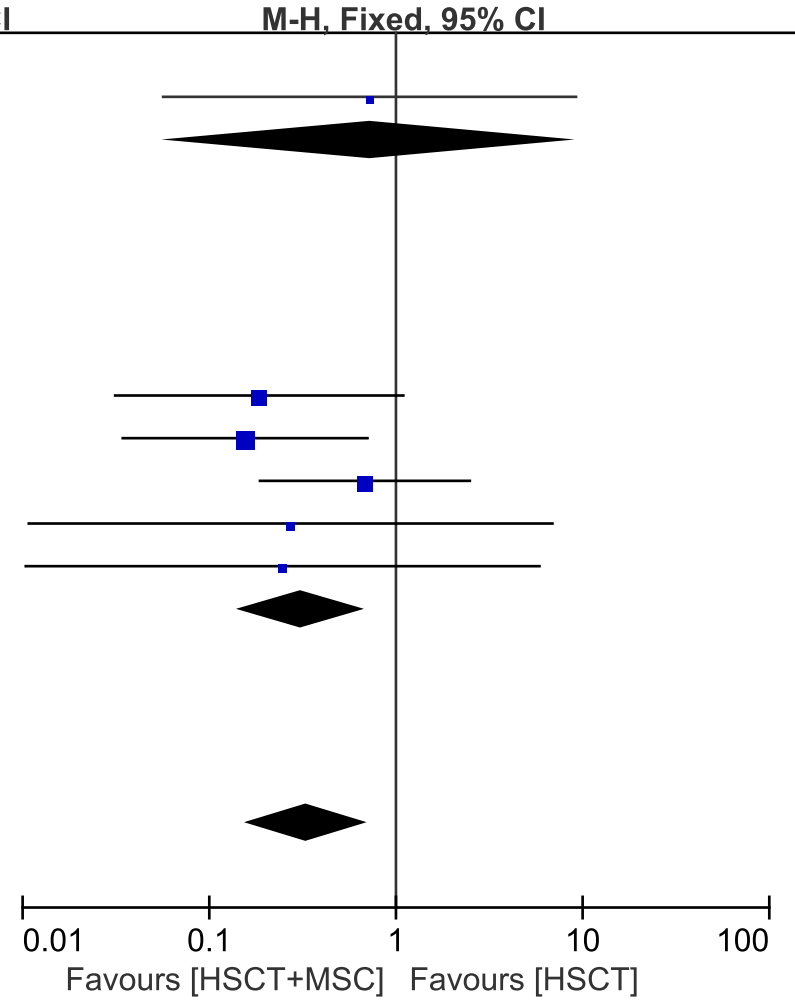
a

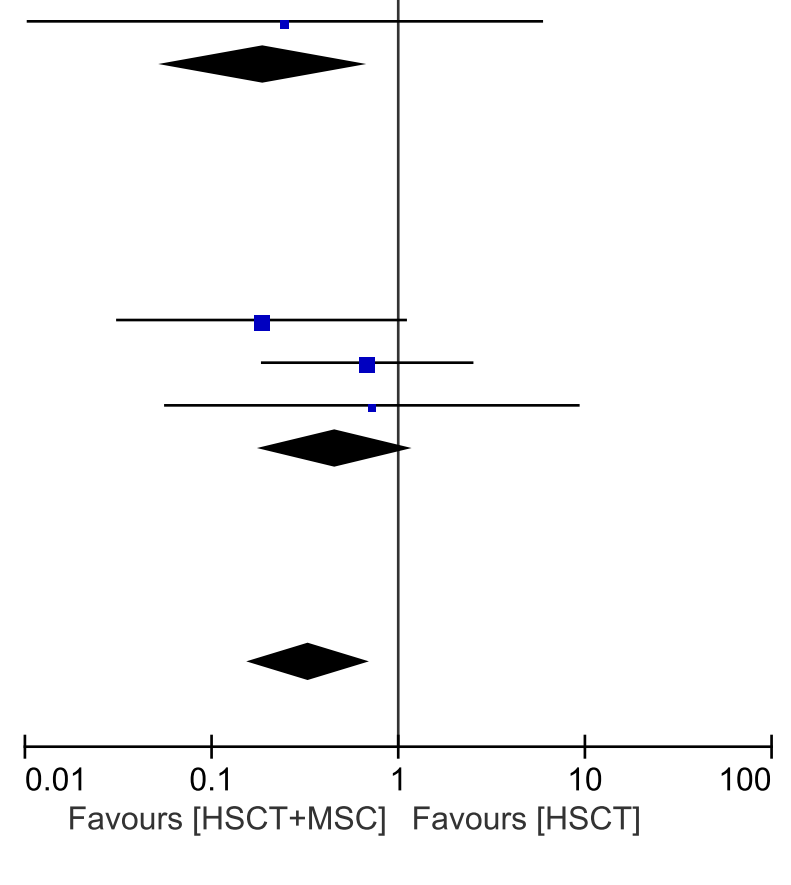
Study or Subgroup	HSCT+MSC Events	HSCT+MSC Total	HSCT Events	HSCT Total	Weight	Odds Ratio M-H, Fixed, 95% CI
7.1.1 Hematologic Malignancies						
Baron. 2010	2	20	6	16	24.6%	0.19 [0.03, 1.10]
Kang. 2017	4	34	6	13	31.5%	0.16 [0.03, 0.70]
Liu. 2011	5	27	7	28	23.0%	0.68 [0.19, 2.49]
Ning. 2008	1	10	2	15	5.9%	0.72 [0.06, 9.22]
Wu. 2013b	0	8	2	12	7.9%	0.25 [0.01, 5.87]
Subtotal (95% CI)		**99**		**84**	**92.9%**	**0.34 [0.16, 0.73]**
Total events	12		23			
Heterogeneity: Chi² = 2.96, df = 4 (P = 0.56); I² = 0%						
Test for overall effect: Z = 2.74 (P = 0.006)						
7.1.2 Nonmalignant disorders						
Subtotal (95% CI)		**0**		**0**		**Not estimable**
Total events	0		0			
Heterogeneity: Not applicable						
Test for overall effect: Not applicable						
7.1.3 Mixed						
Wu. 2013a	0	5	2	9	7.1%	0.27 [0.01, 6.89]
Subtotal (95% CI)		**5**		**9**	**7.1%**	**0.27 [0.01, 6.89]**
Total events	0		2			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.79 (P = 0.43)						
Total (95% CI)		**104**		**93**	**100.0%**	**0.33 [0.16, 0.71]**
Total events	12		25			
Heterogeneity: Chi² = 2.98, df = 5 (P = 0.70); I² = 0%						
Test for overall effect: Z = 2.85 (P = 0.004)						
Test for subgroup differences: Chi² = 0.02, df = 1 (P = 0.90), I² = 0%						



b

Study or Subgroup	HSCT+MSC Events	HSCT+MSC Total	HSCT Events	HSCT Total	Weight	Odds Ratio M-H, Fixed, 95% CI
7.2.1 Identical						
Ning. 2008	1	10	2	15	5.9%	0.72 [0.06, 9.22]
Subtotal (95% CI)		**10**		**15**	**5.9%**	**0.72 [0.06, 9.22]**
Total events	1		2			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.25 (P = 0.80)						
7.2.2 Non-identical						
Baron. 2010	2	20	6	16	24.6%	0.19 [0.03, 1.10]
Kang. 2017	4	34	6	13	31.5%	0.16 [0.03, 0.70]
Liu. 2011	5	27	7	28	23.0%	0.68 [0.19, 2.49]
Wu. 2013a	0	5	2	9	7.1%	0.27 [0.01, 6.89]
Wu. 2013b	0	8	2	12	7.9%	0.25 [0.01, 5.87]
Subtotal (95% CI)		**94**		**78**	**94.1%**	**0.31 [0.14, 0.68]**
Total events	11		23			
Heterogeneity: Chi² = 2.57, df = 4 (P = 0.63); I² = 0%						
Test for overall effect: Z = 2.91 (P = 0.004)						
Total (95% CI)		**104**		**93**	**100.0%**	**0.33 [0.16, 0.71]**
Total events	12		25			
Heterogeneity: Chi² = 2.98, df = 5 (P = 0.70); I² = 0%						
Test for overall effect: Z = 2.85 (P = 0.004)						
Test for subgroup differences: Chi² = 0.39, df = 1 (P = 0.53), I² = 0%						



c

Study or Subgroup	HSCT+MSC Events	HSCT+MSC Total	HSCT Events	HSCT Total	Weight	Odds Ratio M-H, Fixed, 95% CI
7.3.1 ≤18 years old						
Kang. 2017	4	34	6	13	31.5%	0.16 [0.03, 0.70]
Wu. 2013a	0	5	2	9	7.1%	0.27 [0.01, 6.89]
Wu. 2013b	0	8	2	12	7.9%	0.25 [0.01, 5.87]
Subtotal (95% CI)		**47**		**34**	**46.4%**	**0.19 [0.05, 0.68]**
Total events	4		10			
Heterogeneity: Chi² = 0.14, df = 2 (P = 0.93); I² = 0%						
Test for overall effect: Z = 2.54 (P = 0.01)						
7.3.2 >18 years old						
Baron. 2010	2	20	6	16	24.6%	0.19 [0.03, 1.10]
Liu. 2011	5	27	7	28	23.0%	0.68 [0.19, 2.49]
Ning. 2008	1	10	2	15	5.9%	0.72 [0.06, 9.22]
Subtotal (95% CI)		**57**		**59**	**53.6%**	**0.46 [0.18, 1.18]**
Total events	8		15			
Heterogeneity: Chi² = 1.48, df = 2 (P = 0.48); I² = 0%						
Test for overall effect: Z = 1.62 (P = 0.11)						
Total (95% CI)		**104**		**93**	**100.0%**	**0.33 [0.16, 0.71]**
Total events	12		25			
Heterogeneity: Chi² = 2.98, df = 5 (P = 0.70); I² = 0%						
Test for overall effect: Z = 2.85 (P = 0.004)						
Test for subgroup differences: Chi² = 1.18, df = 1 (P = 0.28), I² = 15.0%