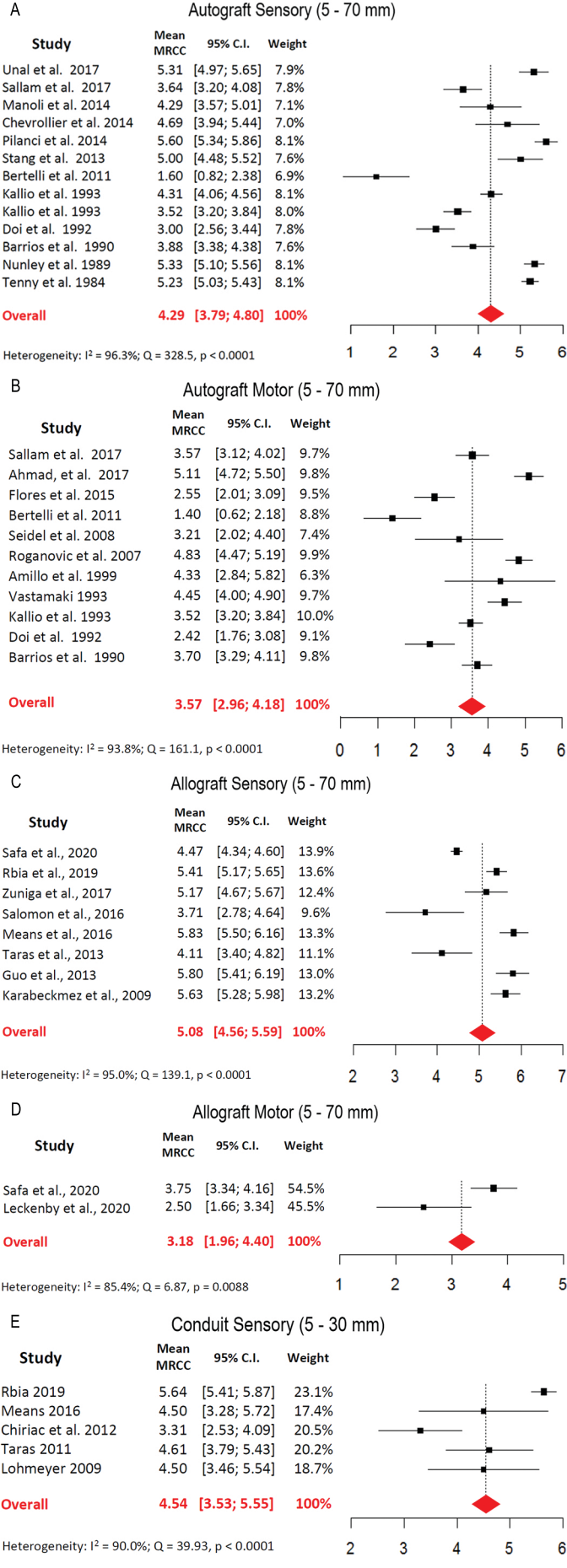
A
Autograft Sensory (5 - 70 mm)
Study
Mean MRCC
95% C.I.
Weight
Unal et al. 2017 5.31 [4.97; 5.65] 7.9%
Sallam et al. 2017 3.64 [3.20; 4.08] 7.8%
Manoli et al. 2014 4.29 [3.57; 5.01] 7.1%
Chevrollier et al. 2014 4.69 [3.94; 5.44] 7.0%
Pilanci et al. 2014 5.60 [5.34; 5.86] 8.1%
Stang et al. 2013 5.00 [4.48; 5.52] 7.6%
Bertelli et al. 2011 1.60 [0.82; 2.38] 6.9%
Kallio et al. 1993 4.31 [4.06; 4.56] 8.1%
Kallio et al. 1993 3.52 [3.20; 3.84] 8.0%
Doi et al. 1992 3.00 [2.56; 3.44] 7.8%
Barrios et al. 1990 3.88 [3.38; 4.38] 7.6%
Nunley et al. 1989 5.33 [5.10; 5.56] 8.1%
Tenny et al. 1984 5.23 [5.03; 5.43] 8.1%
Overall 4.29 [3.79; 4.80] 100%
Heterogeneity: I^2 = 96.3%; Q = 328.5, p < 0.0001
1 2 3 4 5 6
B
Autograft Motor (5 - 70 mm)
Study
Mean MRCC
95% C.I.
Weight
Sallam et al. 2017 3.57 [3.12; 4.02] 9.7%
Ahmad, et al. 2017 5.11 [4.72; 5.50] 9.8%
Flores et al. 2015 2.55 [2.01; 3.09] 9.5%
Bertelli et al. 2011 1.40 [0.62; 2.18] 8.8%
Seidel et al. 2008 3.21 [2.02; 4.40] 7.4%
Roganovic et al. 2007 4.83 [4.47; 5.19] 9.9%
Amillo et al. 1999 4.33 [2.84; 5.82] 6.3%
Vastamaki 1993 4.45 [4.00; 4.90] 9.7%
Kallio et al. 1993 3.52 [3.20; 3.84] 10.0%
Doi et al. 1992 2.42 [1.76; 3.08] 9.1%
Barrios et al. 1990 3.70 [3.29; 4.11] 9.8%
Overall 3.57 [2.96; 4.18] 100%
Heterogeneity: I^2 = 93.8%; Q = 161.1, p < 0.0001
0 1 2 3 4 5 6
C
Allograft Sensory (5 - 70 mm)
Study
Mean MRCC
95% C.I.
Weight
Safa et al., 2020 4.47 [4.34; 4.60] 13.9%
Rbia et al., 2019 5.41 [5.17; 5.65] 13.6%
Zuniga et al., 2017 5.17 [4.67; 5.67] 12.4%
Salomon et al., 2016 3.71 [2.78; 4.64] 9.6%
Means et al., 2016 5.83 [5.50; 6.16] 13.3%
Taras et al., 2013 4.11 [3.40; 4.82] 11.1%
Guo et al., 2013 5.80 [5.41; 6.19] 13.0%
Karabeckmez et al., 2009 5.63 [5.28; 5.98] 13.2%
Overall 5.08 [4.56; 5.59] 100%
Heterogeneity: I^2 = 95.0%; Q = 139.1, p < 0.0001
2 3 4 5 6 7
D
Allograft Motor (5 - 70 mm)
Study
Mean MRCC
95% C.I.
Weight
Safa et al., 2020 3.75 [3.34; 4.16] 54.5%
Leckenby et al., 2020 2.50 [1.66; 3.34] 45.5%
Overall 3.18 [1.96; 4.40] 100%
Heterogeneity: I^2 = 85.4%; Q = 6.87, p = 0.0088
1 2 3 4 5
E
Conduit Sensory (5 - 30 mm)
Study
Mean MRCC
95% C.I.
Weight
Rbia 2019 5.64 [5.41; 5.87] 23.1%
Means 2016 4.50 [3.28; 5.72] 17.4%
Chiriac et al. 2012 3.31 [2.53; 4.09] 20.5%
Taras 2011 4.61 [3.79; 5.43] 20.2%
Lohmeyer 2009 4.50 [3.46; 5.54] 18.7%
Overall 4.54 [3.53; 5.55] 100%
Heterogeneity: I^2 = 90.0%; Q = 39.93, p < 0.0001
2 3 4 5 6