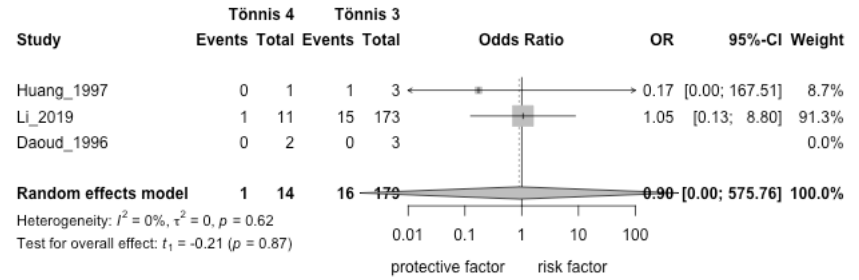
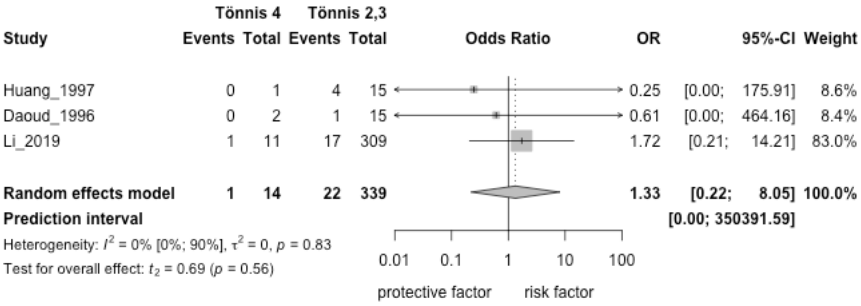
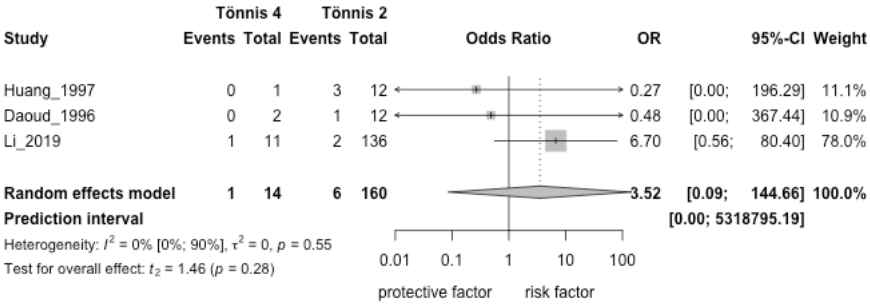
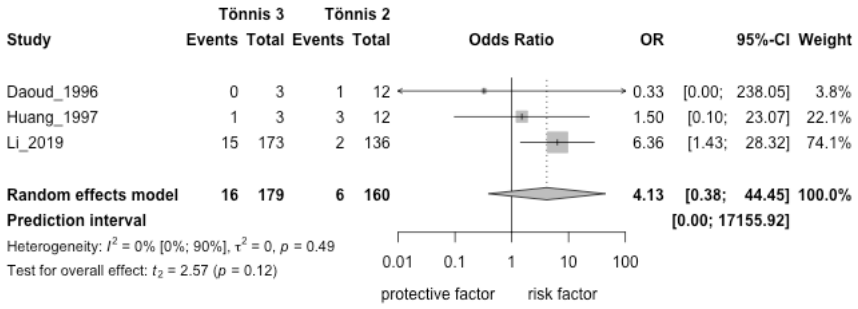
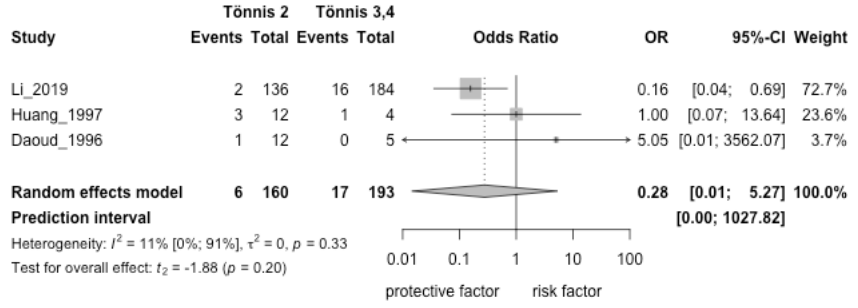
RISK FACTORS – REDISLOCATION (GROUP 0-24)

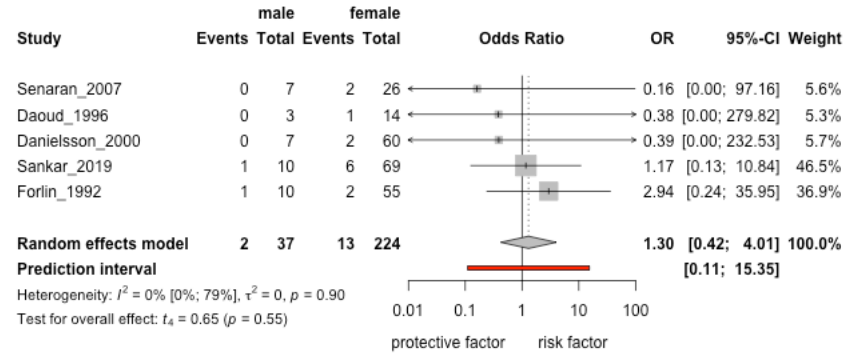


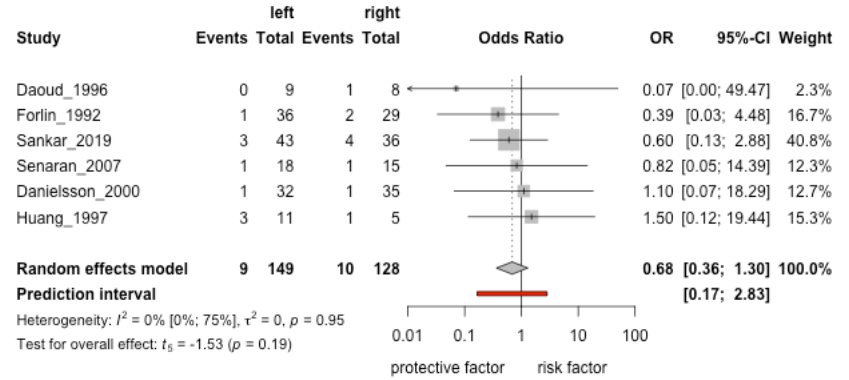


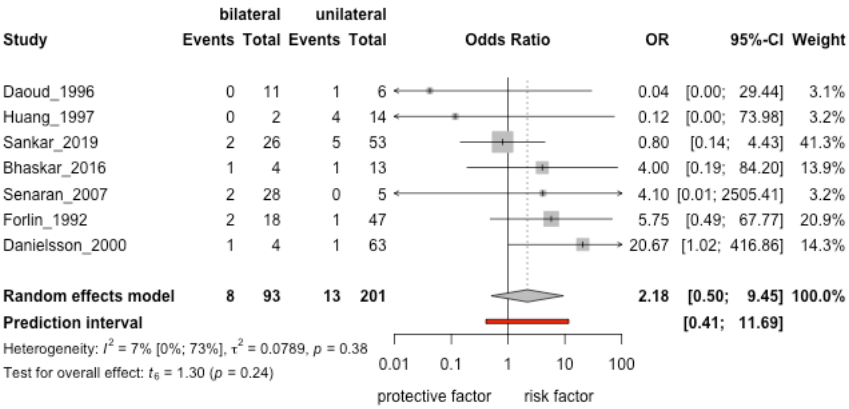


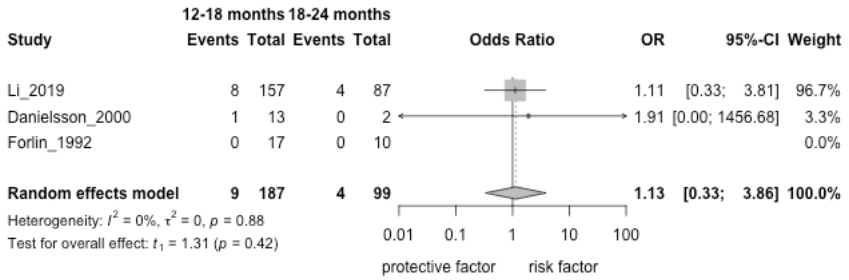

Tönnis 3
Tönnis 2
Study
Events Total Events Total
Odds Ratio
OR
95%-CI Weight
Daoud_1996 0 3 1 12 0.33 [0.00; 238.05] 3.8%
Huang_1997 1 3 3 12 1.50 [0.10; 23.07] 22.1%
Li_2019 15 173 2 136 6.36 [1.43; 28.32] 74.1%
Random effects model 16 179 6 160 4.13 [0.38; 44.45] 100.0%
Prediction interval [0.00; 17155.92]
Heterogeneity: I^2 = 0% [0%; 90%], τ^2 = 0, p = 0.49
Test for overall effect: t_2 = 2.57 (p = 0.12)
0.01 0.1 1 10 100
protective factor
risk factor

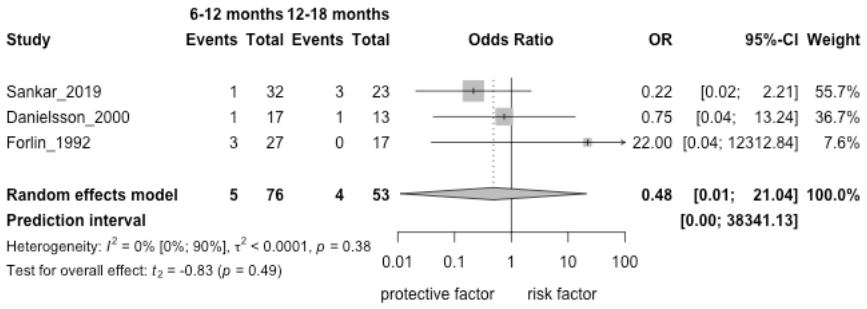

Tönnis 2
Tönnis 3,4
Study
Events Total Events Total
Odds Ratio
OR
95%-CI Weight
Li_2019 2 136 16 184 0.16 [0.04; 0.69] 72.7%
Huang_1997 3 12 1 4 1.00 [0.07; 13.64] 23.6%
Daoud_1996 1 12 0 5 5.05 [0.01; 3562.07] 3.7%
Random effects model 6 160 17 193 0.28 [0.01; 5.27] 100.0%
Prediction interval [0.00; 1027.82]
Heterogeneity: I^2 = 11% [0%; 91%], τ^2 = 0, p = 0.33
Test for overall effect: t_2 = -1.88 (p = 0.20)
0.01 0.1 1 10 100
protective factor
risk factor

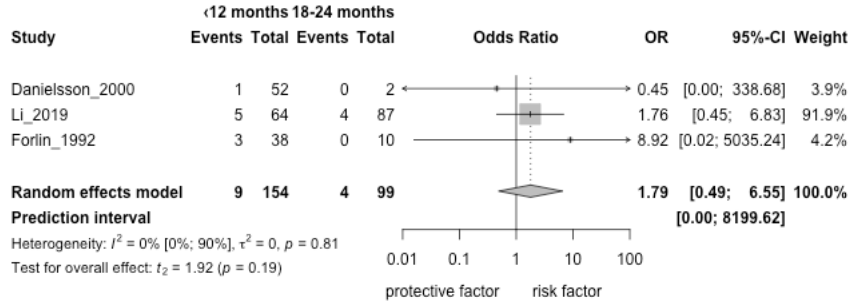

male
female
Study
Events Total Events Total
Odds Ratio
OR
95%-CI Weight
Senaran_2007 0 7 2 26 0.16 [0.00; 97.16] 5.6%
Daoud_1996 0 3 1 14 0.38 [0.00; 279.82] 5.3%
Danielsson_2000 0 7 2 60 0.39 [0.00; 232.53] 5.7%
Sankar_2019 1 10 6 69 1.17 [0.13; 10.84] 46.5%
Forlin_1992 1 10 2 55 2.94 [0.24; 35.95] 36.9%
Random effects model 2 37 13 224 1.30 [0.42; 4.01] 100.0%
Prediction interval [0.11; 15.35]
Heterogeneity: I^2 = 0% [0%; 79%], τ^2 = 0, p = 0.90
Test for overall effect: t_4 = 0.65 (p = 0.55)
0.01 0.1 1 10 100
protective factor
risk factor

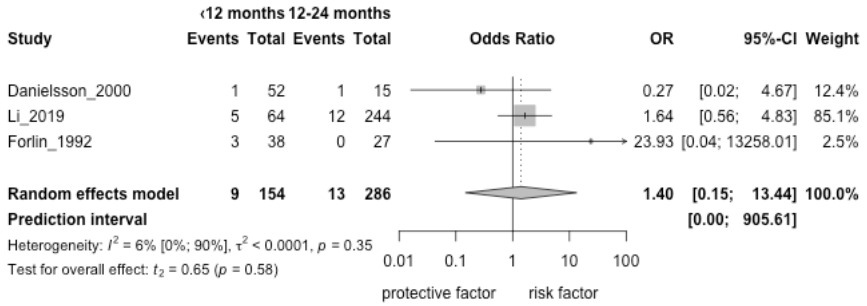

left
right
Study
Events Total Events Total
Odds Ratio
OR 95%-CI Weight
Daoud_1996 0 9 1 8 0.07 [0.00; 49.47] 2.3%
Forlin_1992 1 36 2 29 0.39 [0.03; 4.48] 16.7%
Sankar_2019 3 43 4 36 0.60 [0.13; 2.88] 40.8%
Senaran_2007 1 18 1 15 0.82 [0.05; 14.39] 12.3%
Danielsson_2000 1 32 1 35 1.10 [0.07; 18.29] 12.7%
Huang_1997 3 11 1 5 1.50 [0.12; 19.44] 15.3%
Random effects model 9 149 10 128 0.68 [0.36; 1.30] 100.0%
Prediction interval [0.17; 2.83]
Heterogeneity: I^2 = 0% [0%; 75%], τ^2 = 0, p = 0.95
Test for overall effect: t_5 = -1.53 (p = 0.19)
0.01 0.1 1 10 100
protective factor risk factor

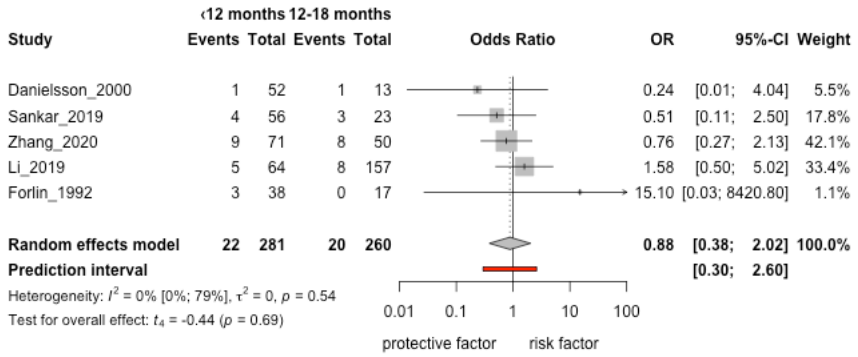

bilateral
unilateral
Study
Events Total Events Total
Odds Ratio
OR 95%-CI Weight
Daoud_1996 0 11 1 6 0.04 [0.00; 29.44] 3.1%
Huang_1997 0 2 4 14 0.12 [0.00; 73.98] 3.2%
Sankar_2019 2 26 5 53 0.80 [0.14; 4.43] 41.3%
Bhaskar_2016 1 4 1 13 4.00 [0.19; 84.20] 13.9%
Senaran_2007 2 28 0 5 4.10 [0.01; 2505.41] 3.2%
Forlin_1992 2 18 1 47 5.75 [0.49; 67.77] 20.9%
Danielsson_2000 1 4 1 63 20.67 [1.02; 416.86] 14.3%
Random effects model 8 93 13 201 2.18 [0.50; 9.45] 100.0%
Prediction interval [0.41; 11.69]
Heterogeneity: I^2 = 7% [0%; 73%], τ^2 = 0.0789, p = 0.38
Test for overall effect: t_6 = 1.30 (p = 0.24)
0.01 0.1 1 10 100
protective factor risk factor

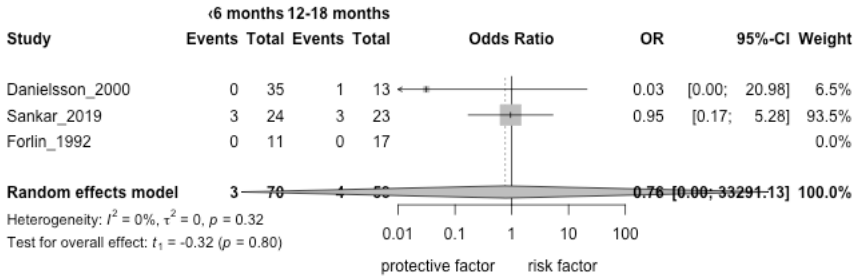

12-18 months
18-24 months
Study
Events Total Events Total
Odds Ratio
OR 95%-CI Weight
Li_2019 8 157 4 87 1.11 [0.33; 3.81] 96.7%
Danielsson_2000 1 13 0 2 1.91 [0.00; 1456.68] 3.3%
Forlin_1992 0 17 0 10 0.0%
Random effects model 9 187 4 99 1.13 [0.33; 3.86] 100.0%
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.88
Test for overall effect: t_1 = 1.31 (p = 0.42)
0.01 0.1 1 10 100
protective factor risk factor

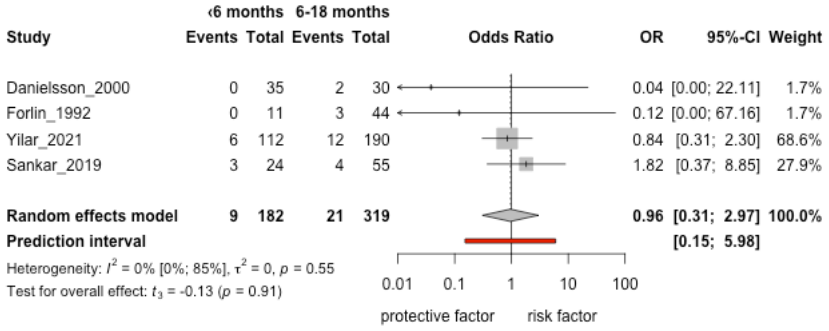

6-12 months 12-18 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Sankar_2019 1 32 3 23 0.22 [0.02; 2.21] 55.7%
Danielsson_2000 1 17 1 13 0.75 [0.04; 13.24] 36.7%
Forlin_1992 3 27 0 17 22.00 [0.04; 12312.84] 7.6%
Random effects model 5 76 4 53 0.48 [0.01; 21.04] 100.0%
Prediction interval [0.00; 38341.13]
Heterogeneity: I^2 = 0% [0%; 90%], τ^2 < 0.0001, p = 0.38
Test for overall effect: t_2 = -0.83 (p = 0.49)
0.01 0.1 1 10 100
protective factor risk factor

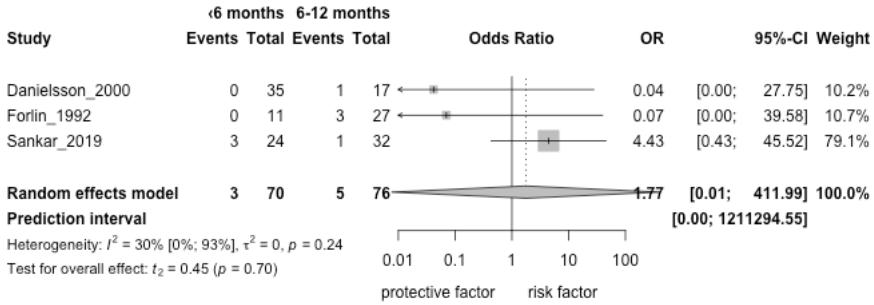

‹12 months 18-24 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Danielsson_2000 1 52 0 2 0.45 [0.00; 338.68] 3.9%
Li_2019 5 64 4 87 1.76 [0.45; 6.83] 91.9%
Forlin_1992 3 38 0 10 8.92 [0.02; 5035.24] 4.2%
Random effects model 9 154 4 99 1.79 [0.49; 6.55] 100.0%
Prediction interval [0.00; 8199.62]
Heterogeneity: I^2 = 0% [0%; 90%], τ^2 = 0, p = 0.81
Test for overall effect: t_2 = 1.92 (p = 0.19)
0.01 0.1 1 10 100
protective factor risk factor


‹12 months 12-24 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Danielsson_2000 1 52 1 15 0.27 [0.02; 4.67] 12.4%
Li_2019 5 64 12 244 1.64 [0.56; 4.83] 85.1%
Forlin_1992 3 38 0 27 23.93 [0.04; 13258.01] 2.5%
Random effects model 9 154 13 286 1.40 [0.15; 13.44] 100.0%
Prediction interval [0.00; 905.61]
Heterogeneity: I^2 = 6% [0%; 90%], τ^2 < 0.0001, p = 0.35
Test for overall effect: t_2 = 0.65 (p = 0.58)
0.01 0.1 1 10 100
protective factor risk factor


‹12 months 12-18 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Danielsson_2000 1 52 1 13 0.24 [0.01; 4.04] 5.5%
Sankar_2019 4 56 3 23 0.51 [0.11; 2.50] 17.8%
Zhang_2020 9 71 8 50 0.76 [0.27; 2.13] 42.1%
Li_2019 5 64 8 157 1.58 [0.50; 5.02] 33.4%
Forlin_1992 3 38 0 17 15.10 [0.03; 8420.80] 1.1%
Random effects model 22 281 20 260 0.88 [0.38; 2.02] 100.0%
Prediction interval [0.30; 2.60]
Heterogeneity: I^2 = 0% [0%; 79%], τ^2 = 0, p = 0.54
Test for overall effect: t_4 = -0.44 (p = 0.69)
0.01 0.1 1 10 100
protective factor risk factor


‹6 months 12-18 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Danielsson_2000 0 35 1 13 0.03 [0.00; 20.98] 6.5%
Sankar_2019 3 24 3 23 0.95 [0.17; 5.28] 93.5%
Forlin_1992 0 11 0 17 0.0%
Random effects model 3 70 4 53 0.76 [0.00; 33291.13] 100.0%
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.32
Test for overall effect: t_1 = -0.32 (p = 0.80)
0.01 0.1 1 10 100
protective factor risk factor


‹6 months 6-18 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Danielsson_2000 0 35 2 30 0.04 [0.00; 22.11] 1.7%
Forlin_1992 0 11 3 44 0.12 [0.00; 67.16] 1.7%
Yilar_2021 6 112 12 190 0.84 [0.31; 2.30] 68.6%
Sankar_2019 3 24 4 55 1.82 [0.37; 8.85] 27.9%
Random effects model 9 182 21 319 0.96 [0.31; 2.97] 100.0%
Prediction interval [0.15; 5.98]
Heterogeneity: I^2 = 0% [0%; 85%], τ^2 = 0, p = 0.55
Test for overall effect: t_3 = -0.13 (p = 0.91)
0.01 0.1 1 10 100
protective factor risk factor


‹6 months 6-12 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Danielsson_2000 0 35 1 17 0.04 [0.00; 27.75] 10.2%
Forlin_1992 0 11 3 27 0.07 [0.00; 39.58] 10.7%
Sankar_2019 3 24 1 32 4.43 [0.43; 45.52] 79.1%
Random effects model 3 70 5 76 1.77 [0.01; 411.99] 100.0%
Prediction interval [0.00; 1211294.55]
Heterogeneity: I^2 = 30% [0%; 93%], τ^2 = 0, p = 0.24
Test for overall effect: t_2 = 0.45 (p = 0.70)
0.01 0.1 1 10 100
protective factor risk factor