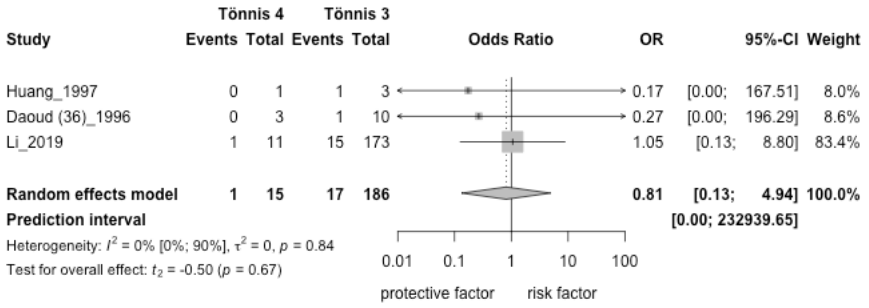
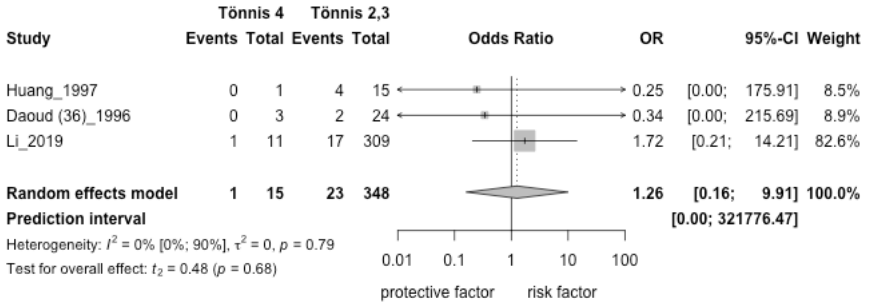
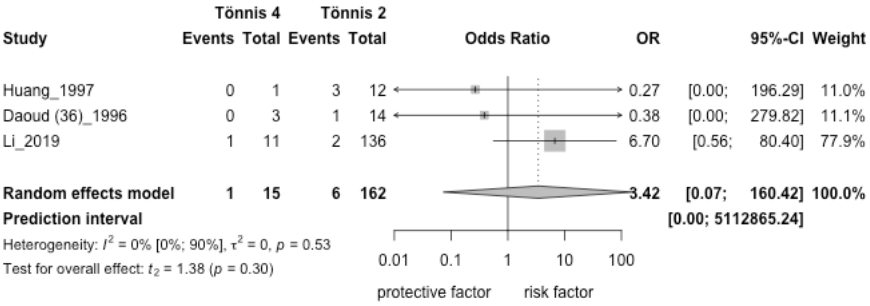
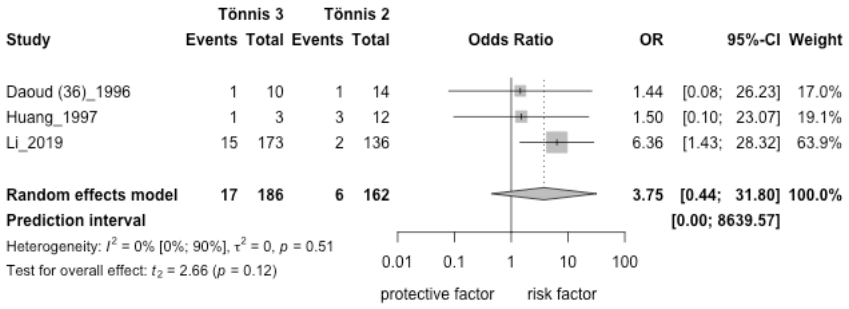
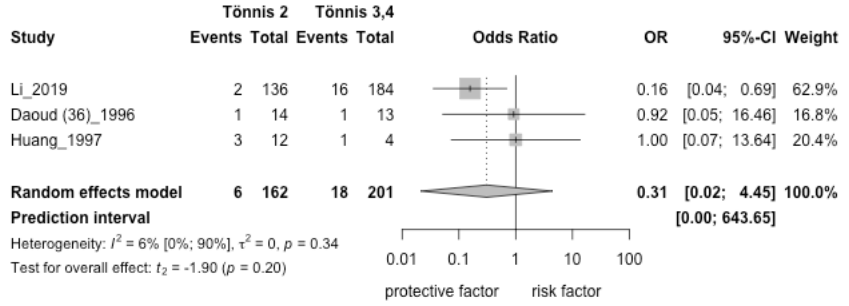
RISK FACTORS – REDISLOCATION (GROUP 0-36)

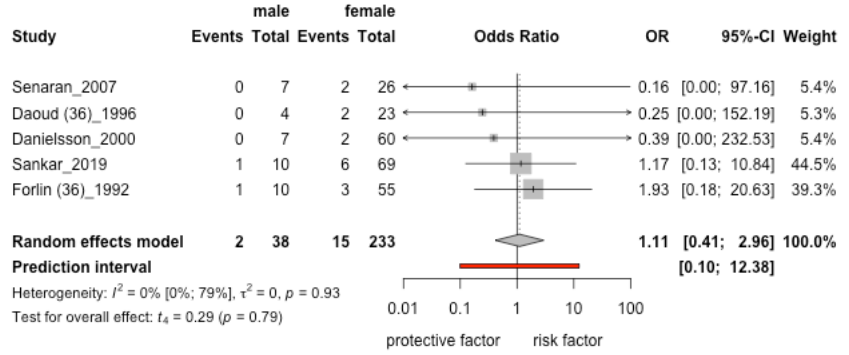


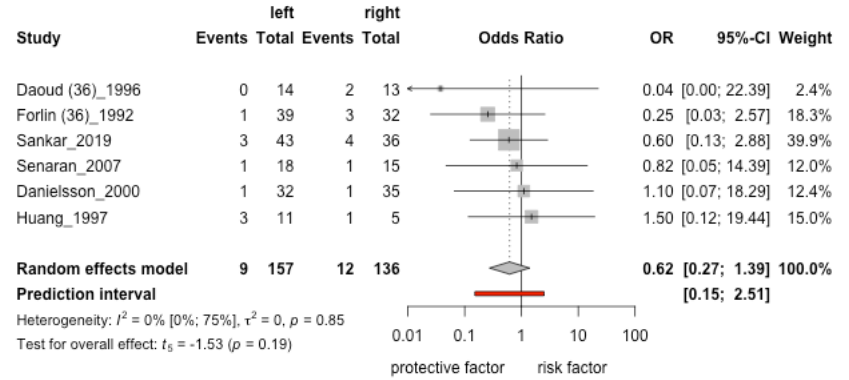


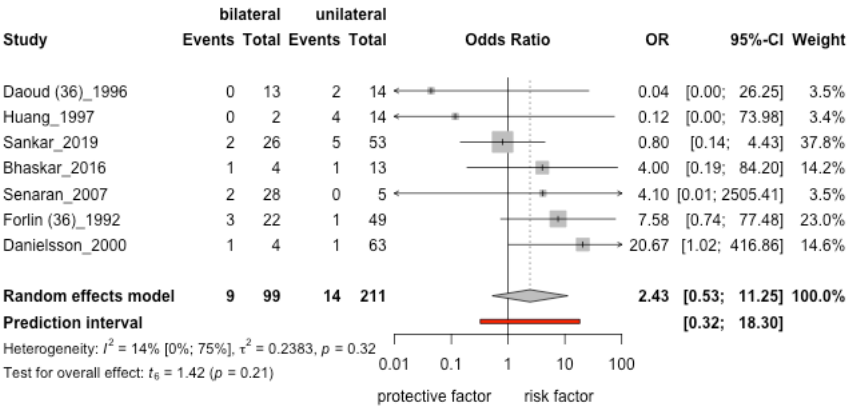


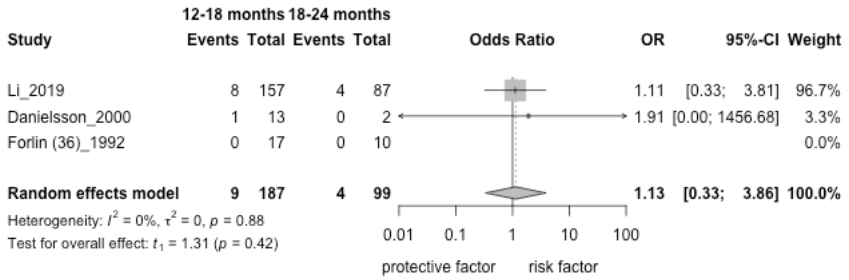

Tönnis 3
Tönnis 2
Study
Events Total Events Total
Odds Ratio
OR
95%-CI
Weight
Daoud (36)_1996 1 10 1 14 1.44 [0.08; 26.23] 17.0%
Huang_1997 1 3 3 12 1.50 [0.10; 23.07] 19.1%
Li_2019 15 173 2 136 6.36 [1.43; 28.32] 63.9%
Random effects model 17 186 6 162 3.75 [0.44; 31.80] 100.0%
Prediction interval [0.00; 8639.57]
Heterogeneity: I^2 = 0% [0%; 90%], τ^2 = 0, p = 0.51
Test for overall effect: t_2 = 2.66 (p = 0.12)
0.01 0.1 1 10 100
protective factor
risk factor

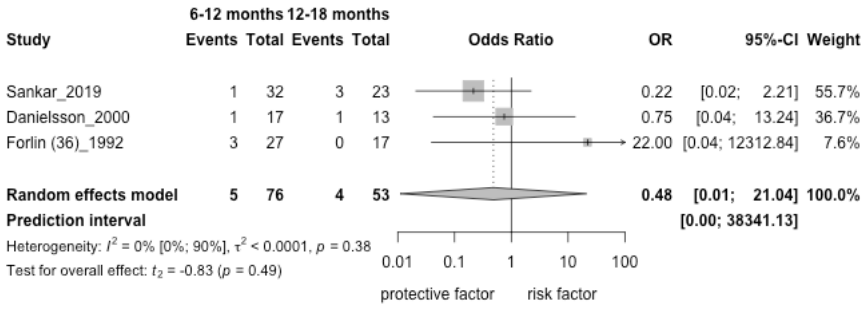

Tönnis 2
Tönnis 3,4
Study
Events Total Events Total
Odds Ratio
OR
95%-CI
Weight
Li_2019 2 136 16 184 0.16 [0.04; 0.69] 62.9%
Daoud (36)_1996 1 14 1 13 0.92 [0.05; 16.46] 16.8%
Huang_1997 3 12 1 4 1.00 [0.07; 13.64] 20.4%
Random effects model 6 162 18 201 0.31 [0.02; 4.45] 100.0%
Prediction interval [0.00; 643.65]
Heterogeneity: I^2 = 6% [0%; 90%], τ^2 = 0, p = 0.34
Test for overall effect: t_2 = -1.90 (p = 0.20)
0.01 0.1 1 10 100
protective factor
risk factor

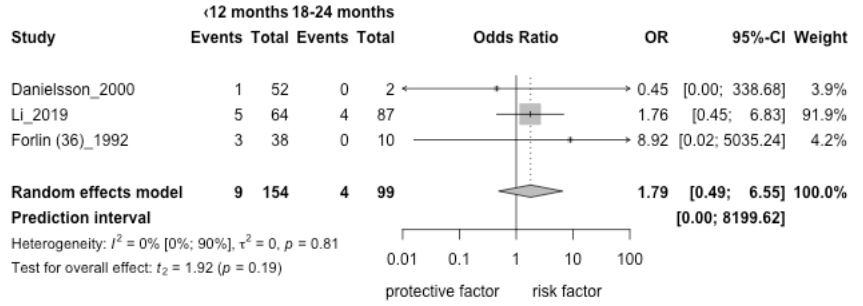

male
female
Study
Events Total Events Total
Odds Ratio
OR
95%-CI
Weight
Senaran_2007 0 7 2 26 0.16 [0.00; 97.16] 5.4%
Daoud (36)_1996 0 4 2 23 0.25 [0.00; 152.19] 5.3%
Danielsson_2000 0 7 2 60 0.39 [0.00; 232.53] 5.4%
Sankar_2019 1 10 6 69 1.17 [0.13; 10.84] 44.5%
Forlin (36)_1992 1 10 3 55 1.93 [0.18; 20.63] 39.3%
Random effects model 2 38 15 233 1.11 [0.41; 2.96] 100.0%
Prediction interval [0.10; 12.38]
Heterogeneity: I^2 = 0% [0%; 79%], τ^2 = 0, p = 0.93
Test for overall effect: t_4 = 0.29 (p = 0.79)
0.01 0.1 1 10 100
protective factor
risk factor

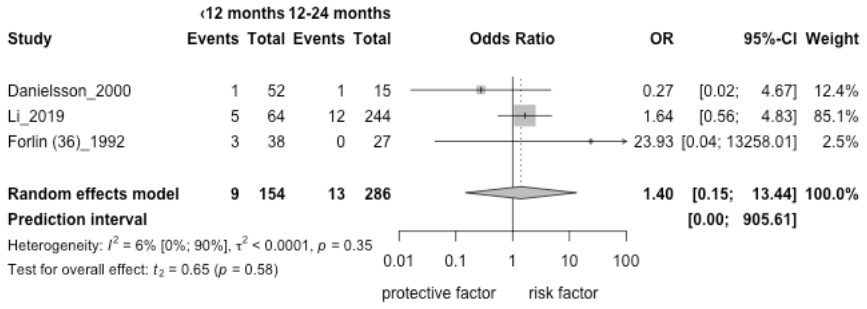

left
right
Study
Events Total Events Total
Odds Ratio
OR 95%-CI Weight
Daoud (36)_1996 0 14 2 13 0.04 [0.00; 22.39] 2.4%
Forlin (36)_1992 1 39 3 32 0.25 [0.03; 2.57] 18.3%
Sankar_2019 3 43 4 36 0.60 [0.13; 2.88] 39.9%
Senaran_2007 1 18 1 15 0.82 [0.05; 14.39] 12.0%
Danielsson_2000 1 32 1 35 1.10 [0.07; 18.29] 12.4%
Huang_1997 3 11 1 5 1.50 [0.12; 19.44] 15.0%
Random effects model 9 157 12 136 0.62 [0.27; 1.39] 100.0%
Prediction interval [0.15; 2.51]
Heterogeneity: I^2 = 0% [0%; 75%], τ^2 = 0, p = 0.85
Test for overall effect: t_5 = -1.53 (p = 0.19)
0.01 0.1 1 10 100
protective factor risk factor

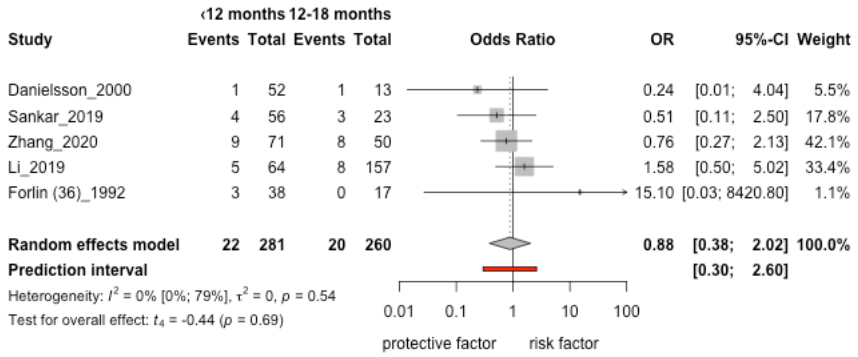

bilateral
unilateral
Study
Events Total Events Total
Odds Ratio
OR 95%-CI Weight
Daoud (36)_1996 0 13 2 14 0.04 [0.00; 26.25] 3.5%
Huang_1997 0 2 4 14 0.12 [0.00; 73.98] 3.4%
Sankar_2019 2 26 5 53 0.80 [0.14; 4.43] 37.8%
Bhaskar_2016 1 4 1 13 4.00 [0.19; 84.20] 14.2%
Senaran_2007 2 28 0 5 4.10 [0.01; 2505.41] 3.5%
Forlin (36)_1992 3 22 1 49 7.58 [0.74; 77.48] 23.0%
Danielsson_2000 1 4 1 63 20.67 [1.02; 416.86] 14.6%
Random effects model 9 99 14 211 2.43 [0.53; 11.25] 100.0%
Prediction interval [0.32; 18.30]
Heterogeneity: I^2 = 14% [0%; 75%], τ^2 = 0.2383, p = 0.32
Test for overall effect: t_6 = 1.42 (p = 0.21)
0.01 0.1 1 10 100
protective factor risk factor

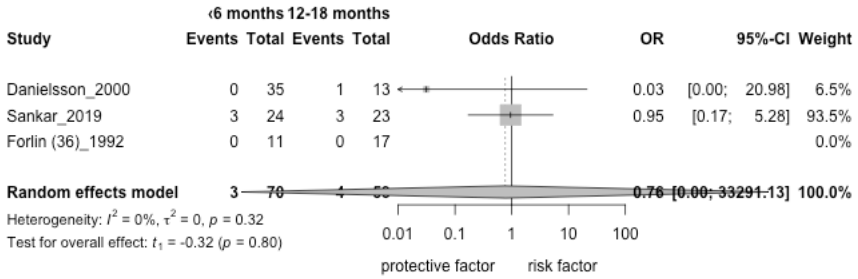

12-18 months
18-24 months
Study
Events Total Events Total
Odds Ratio
OR 95%-CI Weight
Li_2019 8 157 4 87 1.11 [0.33; 3.81] 96.7%
Danielsson_2000 1 13 0 2 1.91 [0.00; 1456.68] 3.3%
Forlin (36)_1992 0 17 0 10 0.0%
Random effects model 9 187 4 99 1.13 [0.33; 3.86] 100.0%
Heterogeneity: I^2 = 0%, τ^2 = 0, 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

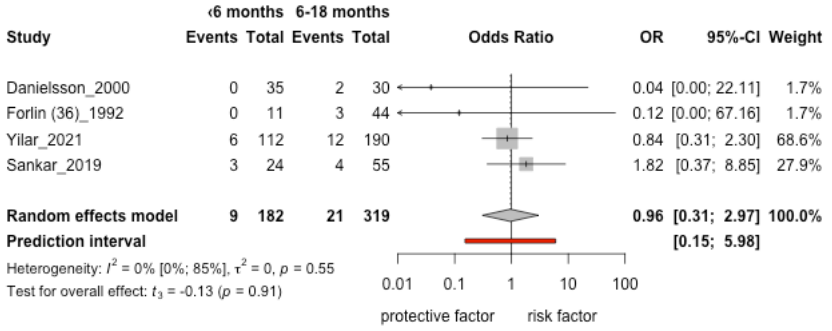

6-12 months 12-18 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Sankar_2019 1 32 3 23 0.22 [0.02; 2.21] 55.7%
Danielsson_2000 1 17 1 13 0.75 [0.04; 13.24] 36.7%
Forlin (36)_1992 3 27 0 17 22.00 [0.04; 12312.84] 7.6%
Random effects model 5 76 4 53 0.48 [0.01; 21.04] 100.0%
Prediction 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

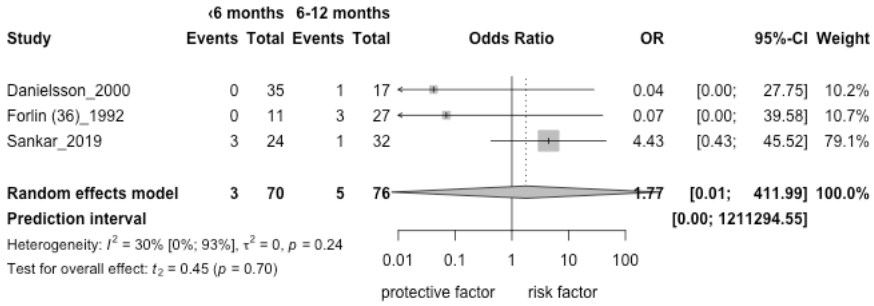

‹12 months 18-24 months
Study Events Total Events Total Odds Ratio OR 95%-CI Weight
Danielsson_2000 1 52 0 2 0.45 [0.00; 338.68] 3.9%
Li_2019 5 64 4 87 1.76 [0.45; 6.83] 91.9%
Forlin (36)_1992 3 38 0 10 8.92 [0.02; 5035.24] 4.2%
Random effects model 9 154 4 99 1.79 [0.49; 6.55] 100.0%
Prediction interval [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 (36)_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 (36)_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 (36)_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 (36)_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 (36)_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