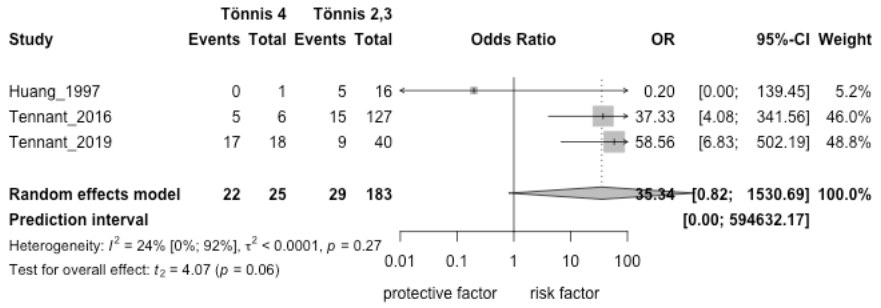
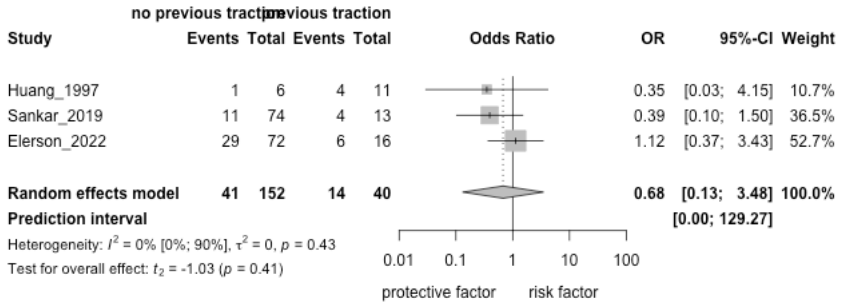
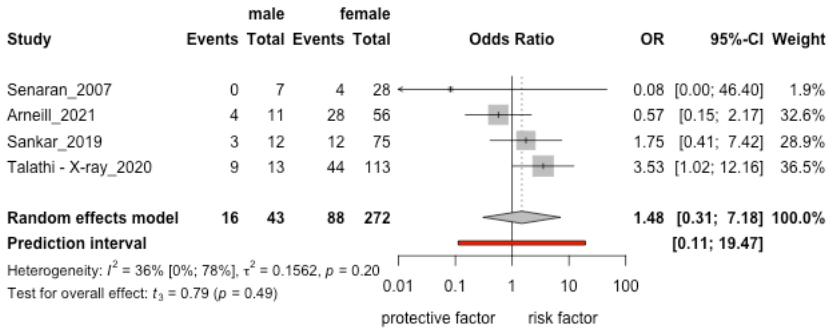
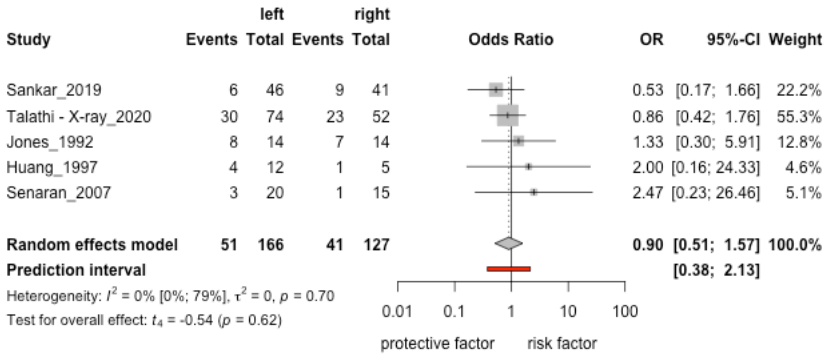
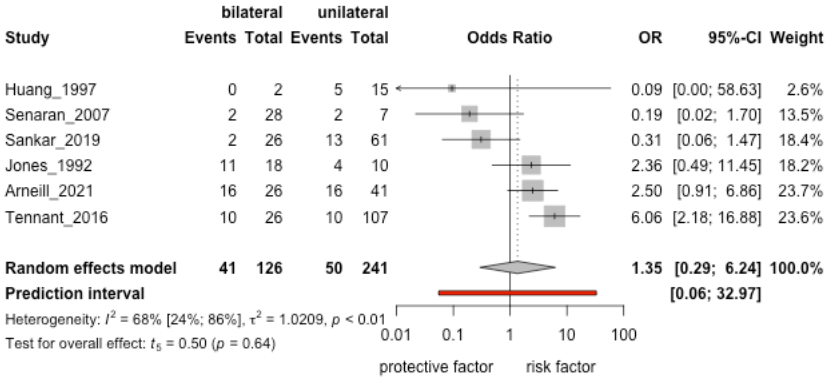
RISK FACTORS – OVERALL FAILURE (GROUP 0-24)

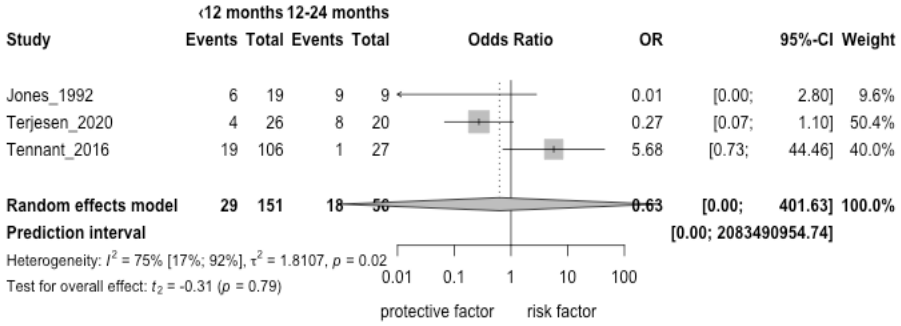







left
right
Study
Events Total Events Total
Odds Ratio
OR 95%-CI Weight
Sankar_2019 6 46 9 41 0.53 [0.17; 1.66] 22.2%
Talathi - X-ray_2020 30 74 23 52 0.86 [0.42; 1.76] 55.3%
Jones_1992 8 14 7 14 1.33 [0.30; 5.91] 12.8%
Huang_1997 4 12 1 5 2.00 [0.16; 24.33] 4.6%
Senaran_2007 3 20 1 15 2.47 [0.23; 26.46] 5.1%
Random effects model 51 166 41 127 0.90 [0.51; 1.57] 100.0%
Prediction interval [0.38; 2.13]
Heterogeneity: I^2 = 0% [0%; 79%], τ^2 = 0, p = 0.70
Test for overall effect: t_4 = -0.54 (p = 0.62)
0.01 0.1 1 10 100
protective factor risk factor


bilateral
unilateral
Study
Events Total Events Total
Odds Ratio
OR 95%-CI Weight
Huang_1997 0 2 5 15 0.09 [0.00; 58.63] 2.6%
Senaran_2007 2 28 2 7 0.19 [0.02; 1.70] 13.5%
Sankar_2019 2 26 13 61 0.31 [0.06; 1.47] 18.4%
Jones_1992 11 18 4 10 2.36 [0.49; 11.45] 18.2%
Arneill_2021 16 26 16 41 2.50 [0.91; 6.86] 23.7%
Tennant_2016 10 26 10 107 6.06 [2.18; 16.88] 23.6%
Random effects model 41 126 50 241 1.35 [0.29; 6.24] 100.0%
Prediction interval [0.06; 32.97]
Heterogeneity: I^2 = 68% [24%; 86%], τ^2 = 1.0209, p < 0.01
Test for overall effect: t_5 = 0.50 (p = 0.64)
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
Jones_1992 6 19 9 9 0.01 [0.00; 2.80] 9.6%
Terjesen_2020 4 26 8 20 0.27 [0.07; 1.10] 50.4%
Tennant_2016 19 106 1 27 5.68 [0.73; 44.46] 40.0%
Random effects model 29 151 18 56 0.63 [0.00; 401.63] 100.0%
Prediction interval [0.00; 2083490954.74]
Heterogeneity: I^2 = 75% [17%; 92%], τ^2 = 1.8107, p = 0.02
Test for overall effect: t_2 = -0.31 (p = 0.79)
0.01 0.1 1 10 100
protective factor risk factor