**e-supplement 5:** Age Adjusted Rate Ratios (ARR) and Age Adjusted Rate Differences (ARD) for educational inequalities in back/neck pain amongst men and women in 19 European countries

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Women | Men | Total |
|  |  | ***Education*** | ***ARR (95% CI)*** | ***ARD (95% CI)*** | ***ARR (95% CI)*** | ***ARD (95% CI)*** | ***ARR (95% CI)*** | ***ARD (95% CI)*** |
| Europe  | *19 countries* | Medium | 0.96 (0.91, 1.01) | 2% (-5%, 1%) | 0.99 (0.90, 1.10) | 0% (-4%, 4%) | 0.98 (0.91, 1.05) | -1% (-4%, 2%) |
|  |  | Low | 0.92 (0.82, 1.03) | -4% (-10%, 2%) | 0.99 (0.81, 1.20) | -1% (-5%, 4%) | 0.96 (0.83, 1.10) | -2% (-8%, 4%) |
| North |
|  | *Denmark* | Medium | 1.10 (0.90, 1.33) | 5% (-5%, 14%) | 0.93 (0.76, 1.12) | -4% (-13%, 6%) | 1.01 (0.88, 1.16) | 0% (-6%, 7%) |
|  |  | Low | 1.21 (0.94, 1.54) | 10% (-4%, 23%) | 0.96 (0.74, 1.25) | -2% (-15%, 11%) | 1.10 (0.92, 1.31) | 5% (-5%, 14%) |
|  | *Finland* | Medium | 1.06 (0.92, 1.23) | 4% (-5%, 12%) | 1.13 (0.95, 1.35) | 6% (-3%, 15%) | 1.08 (0.96, 1.20) | 4% (-2%, 10%) |
|  |  | Low | 1.15 (0.94, 1.41) | 9% (-4%, 21%) | 0.97 (0.72, 1.30) | -1% ( -15%, 12%) | 1.02 (0.85, 1.23) | 1% (-9%, 11%) |
|  | *Norway* | Medium | 1.32 (1.07,1.63) | 13%(3%**,** 23%) | 1.13 (0.90, 1.41) | 5% (-4%, 13%) | 1.23 (1.05, 1.43) | 9% (2%, 15%) |
|  |  | Low | 1.29 (0.96, 1.72) | 12% (-2%, 26%) | 1.10 (0.78, 1.56) | 4% (-10%, 17%) | 1.21 (0.97, 1.52) | 8% (-2%, 18%) |
|  | *Sweden* | Medium | 0.92 (0.78, 1.08) | -4% (-13%, 4%) | 1.18 (0.95, 1.47) | 7% (-2%, 16%) | 1.01 (0.88, 1.15) | 0% (-6%, 7%) |
|  |  | Low | 1.14 (0.87, 1.49) | 7% (-9%, 24%) | 1.21 (0.90, 1.64) | 8% (-5%, 21%) | 1.11 (0.90, 1.35) | 5% (-5%, 15%) |
| West |
|  | *Austria* | Medium | 1.13 (0.85, 1.51) | 4% (-6%, 14%) | 0.98 (0.71, 1.36) | -1% (-10%, 10%) | 1.05 (0.85, 1.31) | 2% (-5%, 9%) |
|  |  | Low | 0.89 (0.62, 1.27) | -4% (-15%, 8%) | 1.10 (0.73, 1.67) | 3% (-11%, 17%) | 0.97 (0.73, 1.27) | -1% (-10%, 8%) |
|  | *Belgium* | Medium | 1.18 (0.99, 0.17) | 8% (-0.5%, 17%) | 1.24(1.00,1.54) | 10%(0.6%**,** 19%) | 1.19 (1.04, 1.37) | 9% (2%, 15%) |
|  |  | Low | 1.34(1.10,1.63) | 16%(5%, 27%) | 1.26 (1.00,1.60) | 11%(0.2%**,** 22%) | 1.28 (1.10, 1.49) | 13% (5%, 20%) |
|  | *Switzerland* | Medium | 0.96 (0.75, 1.23) | -2% (-13%, 9%) | 1.18 (0.91, 1.54) | 6% (-3%, 16%) | 1.07 (0.90, 1.29) | 3% (-4%, 10%) |
|  |  | Low | 1.09 (0.82, 1.46) | 4% (-9%, 17%) | 0.96 (0.64, 1.43) | -2% (-15%, 12%) | 1.09 (0.86, 1.37) | 3% (-6%, 13%) |
|  | *Germany* | Medium | 1.20(1.05,1.38) | 11%(3%**,** 18%) | 1.25 (1.08,1.45) | 11%(4%**,** 17%) | 1.24 (1.12, 1.37) | 11% (6%, 16%) |
|  |  | Low | 1.09 (0.88, 1.35) | 5% (-7%, 17%) | 1.40(1.07, 1.82) | 17%(2%**,** 32%) | 1.25 (1.05, 1.47) | 12% (2%, 21%) |
|  | *France* | Medium | 0.97 (0.82, 1.15) | -2% (-13%, 9%) | 0.98 (0.77, 1.24) | -1% (-13%, 10%) | 0.97 (0.84, 1.13) | -1% (-9%, 7%) |
|  |  | Low | 0.74, (0.57, 0.96) | -17% (-31%, -3%) | 1.04 (0.78, 1.41) | 2% (-13%, 17%) | 0.87 (0.71, 1.06) | -7% (-18%, 3%) |
|  | *Ireland* | Medium | 0.80 (0.58, 1.1) | -5% (-13%, 2%) | 0.95 (0.62, 1.47) | -1% (-9%, 7%) | 0.86 (0.67, 1.12) | -3% (-9%, 3%) |
|  |  | Low | 1.02 (0.72, 1.45) | 1% (-8%, 10%) | 1.04 (0.66, 1.64) | 1% (-8%, 9%) | 1.03 (0.78, 1.35) | 1% (-6%, 7%) |
|  | *Netherlands* | Medium | 1.23 (1.00, 1.52) | 9% (0%, 18%) | 1.10 (0.82, 1.48) | 3% (-7%, 14%) | 1.18 (0.98, 1.41) | 6% (-1%, 13%) |
|  |  | Low | 1.10 (0.87, 1.38) | 4% (-6%, 14%) | 1.19 (0.88, 1.61) | 6% (-5%, 18%) | 1.16 (0.96, 1.40) | 6% (-2%, 13%) |
|  | *UK* | Medium | 1.13 (0.90, 1.42) | 5% (-4%, 13%) | 1.41(1.09,1.83) | 13%(4%**,** 23%) | 1.26 (1.06, 1.49) | 9% (2%, 15%) |
|  |  | Low | 0.99 (0.77, 1.27) | 0% (-9%, 9%) | 1.11 (0.81, 1.51) | 3% (-7%, 14%) | 1.05 (0.86, 1.27) | 2% (-5%, 8%) |
| Central/Eastern |  |
|  | *Poland* | Medium | 1.04 (0.81, 1.34) | 2% (-9%, 12%) | 0.71(0.50,1.00) | -11%(-22%**,** 0%) | 0.90 (0.73, 1.11) | -4% (-12%, 4%) |
|  |  | Low | 0.73 (0.54, 0.97) | -11% (-22%, -1%) | 0.84 (0.61, 1.16) | -6% (-17%, 5%) | 0.78 (0.63, 0.97) | -9% (-16%, -1%) |
|  | *Slovenia* | Medium | 0.99 (0.76, 1.28) | -1% (-12%, 11%) | 0.92 (0.67, 1.26) | -3% (-16%, 10%) | 0.94 (0.77, 1.15) | -3% (-11%, 6%) |
|  |  | Low | 1.32 (0.97, 1.80) | 14% (-2%, 30%) | 0.77 (0.47, 1.26) | -9% (-27%, 8%) | 1.10 (0.85, 1.42) | 4% (-8%, 16%) |
|  | *Lithuania* | Medium | 1.74 (1.29,2.36) | 14%(7%**,** 21%) | 1.26 (0.82, 1.94) | 6% (-4%, 15%) | 1.52 (1.19, 1.96) | 10% (5%, 16%) |
|  |  | Low | 1.59 (1.08, 2.34) | 11% (1%, 21%) | 1.45 (0.88, 2.41) | 10% (-3%, 23%) | 1.53 (1.12, 2.09) | 11% (3%, 19%) |
|  | *Czech* | Medium | 1.04 (0.75, 1.46) | 1% (-8%, 10%) | 1.35 (0.88, 2.07) | 6% (-2%, 13%) | 1.20 (0.92, 1.58) | 4% (-2%, 10%) |
|  |  | Low | 1.25 (0.77, 2.01) | 7% (-8%, 21%) | 1.12 (0.52, 2.41) | 2% (-12%, 16%) | 1.39 (0.92, 2.10) | 8% (-3%, 19%) |
|  | *Hungary* | Medium | 0.95 (0.61, 1.49) | -1% (-7%, 6%) | 1.19 (0.63, 2.27) | 2% (-5%, 10%) | 1.04 (0.72, 1.52) | 1% (-4%, 5%) |
|  |  | Low | 1.40 (0.63, 2.27) | 6% (4%, 16%) | 1.65 (0.78, 3.50) | 8% (-4%, 19%) | 1.50 (0.95, 2.36) | 7% (-1%, 14%) |
| South |
|  | *Spain* | Medium | 0.85 (0.69, 1.05) | -9% (-20%, 2%) | 0.85 (0.66, 1.11) | -7% (-19%, 5%) | 0.85 (0.72, 1.00) | -8% (-16%, 0%) |
|  |  | Low | 0.74(0.61,0.89) | -15%(-25%,-5%) | 0.63(0.49,0.79) | -18%(-28%, -8%) | 0.68 (0.59, 0.79) | -17% (-24%, 10%) |
|  | *Portugal* | Medium | 0.80 (0.53, 1.20) | -11% (-30%, 8%) | 1.21 (0.71, 2.06) | 7% (-12%, 26%) | 0.91 (0.66, 1.25) | -4% (-18%, 10%) |
|  |  | Low | 0.91 (0.68, 1.21) | -5% (-21%, 10%) | 1.58 (1.00, 2.50) | 19% (3%, 36%) | 1.11 (0.87, 1.43) | 5% (-7%, 17%) |