|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 2**. Multilevel models of individual and contextual determinants of perceived welfare impact of immigration with controls | | | | | | | |
|  | M1 | M2 | M3 | M4 | M5 | M6 | M7 | |
| *Fixed part* |  |  |  |  |  |  |  | |
| Country-year level variables | | | | | | | | |
| Unemployment benefits |  | 0.007 | 0.009 | 0.008 | 0.008 | 0.012 | 0.012 | |
|  | (0.006) | (0.007) | (0.008) | (0.008) | (0.01) | (0.01) | |
| Social assistance |  | -0.012\* | -0.013\*\*\* | -0.011 | -0.011 | 0.002 | 0.005 | |
|  |  | (0.007) | (0.004) | (0.008) | (.008) | (0.011) | (0.011) | |
| Humanitarian migrants |  | -0.004 | -0.003 | 0.016 | .017 | -0.002 | -0.002 | |
|  | (0.005) | (0.002) | (0.044) | (.044) | (0.007) | (0.007) | |
| Unemployment rate |  | -0.007 | -0.001 | 0.000 | 0.000 | 0.035 | 0.033 | |
|  |  | (0.011) | (0.017) | (.013) | (0.013) | (0.06) | (0.057) | |
| Radical right vote share |  | 0.003 | -0.005 | -0.009 | -0.009 | 0.004 | 0.004 | |
|  | (0.008) | (0.009) | (0.006) | (0.006) | (0.018) | (0.017) | |
| Individual-level variables | | | | | | | | |
| Currently on benefits | 0.051\*\*\* |  | 0.051\*\*\* | 0.044 | 0.044 | 0.059 | 0.058 | |
| (0.018) |  | (0.018) | (.034) | (0.034) | (0.036) | (0.036) | |
| Financial insecurity (comfortable on present income *reference*) |  |  |  |  |  |  |  | |
|  |  |  |  |  |  |  | |
| Coping on present income | -0.083\*\*\* |  | -0.083\*\*\* | -0.049 | -0.048 | -0.052 | -0.052 | |
| (0.021) |  | (0.021) | (0.03) | (0.03) | (0.037) | (0.037) | |
| Difficult on present income | -0.254\*\*\* |  | -0.254\*\*\* | -0.218\*\*\* | -0.218\*\*\* | -0.229\*\*\* | -0.229\*\*\* | |
| (0.033) |  | (0.033) | (0.047) | (0.047) | (0.049) | (0.049) | |
| Very difficult on present income | -0.521\*\*\* |  | -0.521\*\*\* | -0.408\*\*\* | -0.407\*\*\* | -0.352\*\*\* | -0.352\*\*\* | |
| (0.049) |  | (0.049) | (0.107) | (0.107) | (0.103) | (0.103) | |
| Immigration preferences | -0.308\*\*\* |  | -0.308\*\*\* | -0.246\*\*\* | -0.246\*\*\* | -0.262\*\*\* | -0.262\*\*\* | |
| (0.014) |  | (0.014) | (0.015) | (0.015) | (0.016) | (0.016) | |
| Moral hazard |  |  |  | -0.255\*\*\* | -0.254\*\*\* |  |  | |
|  |  |  | (0.031) | (0.033) |  |  | |
| Moral hazard x social assistance |  |  |  | -0.007\*\* |  |  |  | |
|  |  |  | (0.003) |  |  |  | |
| Moral hazard x unemployment benefits |  |  |  |  | 0.002 |  |  | |
|  |  |  |  | (0.004) |  |  | |
| Reciprocity |  |  |  |  |  | -0.130\* | -0.134\*\* | |
|  |  |  |  |  |  | (0.073) | (0.062) | |
| Reciprocity x unemployment benefits |  |  |  |  |  | -0.001 |  | |
|  |  |  |  |  | (0.004) |  | |
| Reciprocity x social assistance |  |  |  |  |  |  | -0.015\*\*\* | |
|  |  |  |  |  |  | (0.005) | |
| Left-right self-placement | -0.043\*\*\* |  | -0.043\*\*\* | -0.031\*\*\* | -0.031\*\*\* | -0.047\*\*\* | -0.047\*\*\* | |
|  | (0.010) |  | (0.01) | (0.009) | (0.009) | (0.011) | (0.011) | |
| Education | 0.023\*\*\* |  | 0.023\*\*\* | 0.007 | 0.007 | 0.013\*\* | 0.013\*\* | |
|  | (0.005) |  | (0.005) | (0.006) | (0.006) | (0.006) | (0.006) | |
| Unemployed | -0.037 |  | -0.037 | 0.077 | 0.077 | 0.098 | 0.099 | |
|  | (0.034) |  | (0.033) | (0.067) | (0.066) | (0.062) | (0.062) | |
| Female | -0.085\*\*\* |  | -0.085\*\*\* | -0.063\*\* | -0.063\*\* | -0.066\*\* | -0.066\*\* | |
|  | (0.021) |  | (0.021) | (0.031) | (0.031) | (0.032) | (0.031) | |
| Age | 0.001 |  | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | |
|  | (0.001) |  | (0.001) | (0.001) | (0.001) | (.002) | (0.002) | |
| Born in country | -0.503\*\*\* |  | -0.502\*\*\* | -0.429\*\*\* | -0.429\*\*\* | -0.411\*\*\* | -0.410\*\*\* | |
|  | (0.055) |  | (0.055) | (0.067) | (0.067) | (0.073) | (0.073) | |
| Citizen | -0.419\*\*\* |  | -0.419\*\*\* | -0.435\*\*\* | -0.434\*\*\* | -0.419\*\*\* | -0.419\*\*\* | |
|  | (0.090) |  | (0.09) | (0.086) | (0.086) | (0.076) | (0.076) | |
| Non-religious | 0.047 |  | 0.047 | 0.070 | 0.070 | 0.060 | 0.060 | |
|  | (0.040) |  | (0.040) | (0.051) | (0.051) | (0.054) | (0.054) | |
| Intercept | 5.313\*\*\* | 4.378\*\*\* | 5.318\*\*\* | 5.063\*\*\* | 5.063\*\*\* | 5.199\*\*\* | 5.199\*\*\* | |
|  | (0.116) | (0.080) | (0.118) | (0.172) | (0.172) | (0.198) | (0.194) | |
| Random part |  |  |  |  |  |  |  | |
| σ 2u (Random slope) |  |  |  | 0.016 | 0.019 | 0.060 | 0.035 | |
|  |  |  |  | (0.007) | (0.008) | (0.040) | (0.022) | |
| σ 2e | 3.708 | 4.277 | 3.708 | 3.412 | 3.412 | 3.486 | 3.486 | |
|  | (0.114) | (0.145) | (0.048) | (0.166) | (0.166) | (0.114) | (0.114) | |
| σ 2u | 0.197 | 0.184 | 0.16 | 0.108 | 0.108 | 0.168 | 0.159 | |
|  | (0.068) | (0.044) | (0.114) | (0.043) | (0.043) | (0.065) | (0.061) | |
| N (individuals) | 82093 | 82093 | 82093 | 24004 | 24004 | 23976 | 23976 | |
| N (Country-years) | 54 | 54 | 54 | 16 | 16 | 16 | 16 | |
| N (Countries) | 22 | 22 | 22 | 16 | 16 | 16 | 16 | |
| Log-likelihood | -170391.5 | -176251.9 | -170385.9 | -48862.12 | -48863.4 | -49038.87 | -49035.36 | |
| AIC | 340814.9 | 352519.9 | 340813.8 | 97772.24 | 97774.81 | 98125.75 | 98118.72 | |
| *Clustered standard errors in parentheses, \*\*\* p<.01, \*\* p<.05, \* p<.1*  *Notes*: The dependent variable in all models is perceived welfare impact (0-10), with higher values indicating more positive assessments. M4 – M7 include random slopes for moral hazard and reciprocity. All continuous variables are grand mean centred. | | | | | | | |

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| **Table 3**. Multilevel models of examining the effects of migrants’ welfare use on the perceived welfare impact of immigration | | |
|  | M8 | M9 |
| *Fixed part* |  |  |
| Country-year level variables |  |  |
| Unemployment benefits | 0.004 | 0.005 |
|  | (0.008) | (0.007) |
| Social assistance | -0.015\*\* | -0.021\*\*\* |
|  | (0.007) | (0.006) |
| Unemployment rate | -0.007 | -0.005 |
|  | (0.018) | (0.022) |
| Radical right vote share | -0.009 | -0.009 |
|  | (0.01) | (0.01) |
| Humanitarian migrants | 0.000 | 0.000 |
|  | (0.003) | (0.002) |
| Migrants’ welfare use | 0.014 |  |
|  | (0.014) |  |
| Migrants’ use of non-contributory benefits |  | -0.005 |
|  | (0.017) |
| Individual-level variables |  |  |
| Currently on benefits | 0.045\*\* | 0.054\*\* |
|  | (0.023) | (0.022) |
| Financial insecurity (comfortable on present income *reference*) |  |  |
|  |  |
| Coping on present income | -0.094\*\*\* | -0.009\*\*\* |
|  | (0.02) | (0.021) |
| Difficult on present income | -0.26\*\*\* | -0.262\*\*\* |
|  | (0.036) | (0.037) |
| Very difficult on present income | -0.542\*\*\* | -0.547\*\*\* |
| (0.050) | (0.051) |
| Immigration preferences | -0.309\*\*\* | -0.308\*\*\* |
|  | (0.015) | (0.016) |
| Left-right self-placement | -0.041\*\*\* | -0.038\*\*\* |
|  | (0.011) | (0.011) |
| Education | 0.020\*\*\* | 0.021\*\*\* |
|  | (0.005) | (0.006) |
| Unemployed | 0.001 | 0.010 |
|  | (0.049) | (0.051) |
| Female | -0.101\*\*\* | -0.097\*\*\* |
|  | (0.026) | (0.027) |
| Age | 0.002\* | 0.002 |
|  | (0.001) | (0.001) |
| Born in country | -0.526\*\*\* | -0.544\*\*\* |
|  | (0.059) | (0.059) |
| Citizen | -0.355\*\*\* | -0.360\*\*\* |
|  | (0.103) | (0.105) |
| Non-religious | 0.026 | 0.017 |
|  | (0.048) | (0.050) |
| Intercept | 5.338\*\*\* | 5.326\*\*\* |
|  | (0.154) | (0.155) |
| Random part |  |  |
| σ 2e | 0.126 | 0.129 |
|  | (0.026) | (0.030) |
| σ 2u | 3.601 | 3.613 |
|  | (0.134) | (0.141) |
| N (individuals) | 54361 | 51539 |
| N (Country-years) | 35 | 33 |
| N (Countries) | 20 | 19 |
| Log-likelihood | -112027.5 | -106302.2 |
| AIC | 224099.1 | 212648.3 |
| *Clustered standard errors in parentheses, \*\*\* p<.01, \*\* p<.05, \* p<.1*  *Notes*: The dependent variable in all models is perceived welfare impact (0-10), with higher values indicating more positive assessments. All continuous variables are grand mean centred. | | |

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| **Table 4**. additional robustness checks | | | | | | | |
|  | M10 | M11 | M12 | M13 | M14 | M15 | M16 |
|  | Elite discourse model | Labour market threat as DV | Criminal threat as DV | Cultural threat as DV | Social assistance spending model | Unemployment spending model | Inter-group contact model |
| *Fixed part* |  |  |  |  |  |  |  |
| Country-year level variables | |  |  |  |  |  |  |
| Unemployment benefits generosity | 0.007 | 0.011\*\* | -0.021\*\*\* | 0.018\*\* | 0.009 | 0.000 | -0.002 |
| (0.007) | (0.005) | (0.006) | (0.007) | (0.006) | (0.000) | (0.006) |
| Social assistance generosity | -0.016\*\*\* | 0.000 | -0.009 | 0.004 | -0.000\*\* | -0.02\*\*\* | -0.015\*\* |
| (0.004) | (0.009) | (0.008) | (0.005) | (0.000) | (0.005) | (0.007) |
| Unemployment rate | -0.004 | -0.018 | 0.015 | 0.022 | -0.008 | -0.004 | -0.029 |
|  | (0.018) | (0.013) | (0.02) | (0.015) | (0.016) | (-.018) | (0.018) |
| Radical right vote share | -0.008 | 0.005 | -0.001 | -0.009 | 0.002 | -0.004 | -0.022\*\* |
| (0.01) | (0.009) | (0.008) | (0.01) | (0.008) | (0.007) | (0.011) |
| Humanitarian migrants | -0.003 | 0.000 | -0.009\*\* | 0.006 | -0.006\* | -0.005 | 0.002 |
| (0.002) | (0.006) | (0.004) | (0.004) | (0.003) | (0.003) | (0.003) |
| Elite discourse | 0.003 |  |  |  |  |  |  |
|  | (0.002) |  |  |  |  |  |  |
| Individual-level variables | |  |  |  |  |  |  |
| Currently on benefits | 0.051\*\*\* | 0.020 | 0.042\* | -0.094\*\*\* | 0.051\*\*\* | 0.053\*\*\* | 0.037 |
|  | (0.018) | (0.021) | (0.022) | (0.023) | (0.018) | (0.019) | (0.030) |
| Financial insecurity (comfortable on present income *reference*) |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Coping on present income | -0.083\*\*\* | -0.173\*\*\* | -0.045\* | -0.137\*\*\* | -0.083\*\*\* | -0.078\*\*\* | -0.130\*\*\* |
| (0.021) | (0.021) | (0.023) | (0.023) | (0.021) | (0.022) | (0.024) |
| Difficult on present income | -0.254\*\*\* | -0.406\*\*\* | -0.194\*\*\* | -0.221\*\*\* | -0.255\*\*\* | -0.248\*\*\* | -0.294\*\*\* |
| (0.033) | (0.032) | (0.029) | (0.039) | (0.033) | (0.034) | (0.035) |
| Very difficult on present income | -0.521\*\*\* | -0.747\*\*\* | -0.451\*\*\* | -0.406\*\*\* | -0.522\*\*\* | -0.525\*\*\* | -0.658\*\*\* |
| (0.049) | (0.053) | (0.054) | (0.042) | (0.050) | (0.050) | (0.082) |
| Immigration preferences | -0.308\*\*\* | -0.335\*\*\* | -0.274\*\*\* | -0.463\*\*\* | -0.308\*\*\* | -0.308\*\*\* | -0.339\*\*\* |
| (0.014) | (0.012) | (0.011) | (0.017) | (0.014) | (0.014) | (0.017) |
| Left-right self-placement | -0.043\*\*\* | 0.011 | -0.030\*\*\* | -0.069\*\*\* | -0.043\*\*\* | -0.040\*\*\* | -0.034\*\*\* |
| (0.010) | (0.009) | (0.010) | (0.015) | (0.010) | (0.010) | (0.013) |
| Education | 0.023\*\*\* | 0.039\*\*\* | 0.016\*\*\* | 0.077\*\*\* | 0.023\*\*\* | 0.023\*\*\* | 0.024\*\*\* |
|  | (0.005) | (0.003) | (0.003) | (0.006) | (0.005) | (0.006) | (0.006) |
| Unemployed | -0.037 | -0.317\*\*\* | -0.060 | -0.012 | -0.037 | -0.041 | -0.075 |
|  | (0.033) | (0.052) | (0.042) | (0.047) | (0.033) | (0.035) | (0.070) |
| Female | -0.085\*\*\* | -0.058\*\* | 0.067\*\*\* | 0.078\*\* | -0.085\*\*\* | -0.083\*\*\* | -0.133\*\*\* |
|  | (0.021) | (0.029) | (0.021) | (0.034) | (0.021) | (0.022) | (0.036) |
| Age | 0.001 | 0.004\*\*\* | -0.003\*\*\* | 0.002 | 0.001 | 0.001 | 0.004\*\*\* |
|  | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| Born in country | -0.502\*\*\* | -0.553\*\*\* | -0.369\*\*\* | -0.378\*\*\* | -0.503\*\*\* | -0.515\*\*\* | -0.587\*\*\* |
|  | (0.055) | (0.068) | (0.040) | (0.086) | (0.055) | (0.056) | (0.082) |
| Citizen | -0.419\*\*\* | -0.262\*\* | -0.176\*\* | -0.163\*\*\* | -0.419\*\*\* | -0.409\*\*\* | -0.341\*\* |
|  | (0.090) | (0.127) | (0.073) | (0.053) | (0.090) | (0.092) | (0.133) |
| Non-religious | 0.047 | 0.023 | 0.021 | -0.057\*\*\* | 0.047 | 0.041 | 0.012 |
|  | (0.040) | (0.038) | (0.019) | (0.020) | (0.040) | (0.043) | (0.048) |
| Inter-group contact (never *reference*) |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Less than once a month |  |  |  |  |  |  | 0.165\*\*\* |
|  |  |  |  |  |  | (0.043) |
| Once a month |  |  |  |  |  |  | 0.300\*\*\* |
|  |  |  |  |  |  |  | (0.076) |
| Several times a month |  |  |  |  |  |  | 0.243\*\*\* |
|  |  |  |  |  |  | (0.065) |
| Once a week |  |  |  |  |  |  | 0.226\*\*\* |
|  |  |  |  |  |  |  | (0.078) |
| Several times a week |  |  |  |  |  |  | 0.196\*\*\* |
|  |  |  |  |  |  |  | (0.076) |
| Every day |  |  |  |  |  |  | 0.239\*\*\* |
|  |  |  |  |  |  |  | (0.066) |
| Intercept | 5.314\*\*\* | 5.698\*\*\* | 4.023\*\*\* | 6.421\*\*\* | 5.303\*\*\* | 5.301\*\*\* | 5.409\*\*\* |
|  | (0.118) | (0.144) | (0.095) | (0.127) | (0.109) | (0.133) | (0.193) |
| *Random part* |  |  |  |  |  |  |  |
| σ 2e | 0.154 | 0.194 | 0.171 | .304 | 0.161 | 0.171 | 0.062 |
|  | (0.146) | (0.043) | (0.031) | (0.135) | (0.037) | (0.061) | (0.014) |
| σ 2u | 3.708 | 3.623 | 3.348 | 3.902 | 3.708 | 3.711 | 3.693 |
|  | (0.015) | (0.150) | (0.094) | (0.135) | (.114) | (0.121) | (0.141) |
| N (individuals) | 82093 | 56648 | 56437 | 80843 | 82093 | 77126 | 30691 |
| N (Countries) | 22 | 22 | 22 | 22 | 22 | 21 | 20 |
| N (Country-years) | 54 | 38 | 38 | 54 | 54 | 50 | 20 |
| Log-likelihood | -170384.9 | -116931.1 | -114258.8 | -169867.2 | -170386 | -160114.4 | -63628.64 |
| AIC | 340813.8 | 233904.3 | 228559.5 | 339776.5 | 340814.1 | 320270.9 | 127311.3 |
| *Clustered standard errors in parentheses, \*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | |
| *Notes*: The dependent variable in M10, M14-16 is perceived welfare impact (0-10), with higher values indicating more positive assessments. The dependent variable in M11 is perceived labour market threat (0-10), with higher values indicating more positive assessments. The dependent variable in M12 is perceived criminal threat (0-10), with higher values indicating more positive assessments. The dependent variable in M13 is perceived cultural threat (0-10), with higher values indicating more positive assessments.M14 and M15 use alternative operationalizations of welfare generosity. M16 includes a measure of inter-group contact as a predictor. | | | | | | | | |
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| **Table 5**. Descriptive statistics | | | | | |
|  | N | Mean | SD | Min | Max |
| Perceived welfare state impact | 82093 | 4.354 | 2.116 | 0 | 10 |
| Social assistance generosity | 82093 | 30.929 | 9.273 | 3.75 | 52.25 |
| Social assistance spending per household | 82093 | 14469.741 | 5598.404 | 3169.603 | 29610.043 |
| Unemployment rate | 82093 | 7.317 | 3.735 | 2.76 | 24.43 |
| Unemployment benefit replacement rates | 82093 | 68.905 | 12.028 | 39 | 89.312 |
| Unemployment spending | 77126 | 16.037 | 10.182 | 1.869 | 44.286 |
| Humanitarian migrants | 82093 | 19.009 | 17.994 | 0.294 | 91.477 |
| Radical right vote share | 82093 | 6.34 | 8.046 | 0 | 28.9 |
| Elite discourse | 82093 | -16.241 | 28.442 | -117.912 | 53.992 |
| Migrants’ use of non-contributory benefits | 51776 | 4.869 | 4.002 | -5.59 | 21.81 |
| Migrants’ welfare use | 54612 | -4.36 | 5.274 | -18.94 | 6.26 |
| Financial insecurity | 82093 | 1.858 | 0.787 | 1 | 4 |
| Welfare beneficiary | 82093 | 0.296 | 0.456 | 0 | 1 |
| Immigration policy preference | 82093 | 7.056 | 2.262 | 3 | 12 |
| Born in country | 82093 | 0.916 | 0.278 | 0 | 1 |
| Citizen of country | 82093 | .957 | 0.204 | 0 | 1 |
| Inter-group contact | 30691 | 4.536 | 2.117 | 1 | 7 |
| Unemployed | 82093 | 00.038 | 0.191 | 0 | 1 |
| Religious | 82093 | .564 | 0.496 | 0 | 1 |
| Age | 82093 | 47.822 | 17.969 | 14 | 123 |
| Education | 82093 | 12.719 | 3.995 | 0 | 50 |
| Left-right self-placement | 82093 | 5.053 | 2.107 | 0 | 10 |
| Gender | 82093 | 00.508 | 0.5 | 0 | 1 |
|  | | | | | |

|  |  |  |
| --- | --- | --- |
| **Table 6**. Variable operationalization | | |
| Variables | Operationalization | Source |
| Social assistance generosity | The income of jobless families relying on social assistance benefits as a percentage of the median disposable income | OECD (2019a) |
| Unemployment benefit generosity | The proportion of previous in-work income that is maintained after different lengths of unemployment for different model household | OECD (2019b) |
| Humanitarian migrants | Three-year average of asylum seekers as a share of all migrant inflows | OECD (2013) |
| Unemployment rate | The share of the labour force that is without work but available for and seeking employment | OECD (2020) |
| Radical right vote share | The vote share of radical right-wing populist parties | Armingeon et al. (2019) |
| Elite discourse | The sum of election manifestos devoted to negative statements about multiculturalism (item 608 in the CMP) and positive statements relating to an exclusionary national way of life (item 601 in CMP) of all parties in a country divided by each party’s vote share. | Volkens et al. (2021) |
| Social assistance spending | Average annual amount that a given household receives in purchasing power parity | Nelson et al. (2020) |
| Alternative unemployment generosity measure | Unemployment insurance spending as a share of GDP divided by the unemployment rate | OECD (2020) |
| Migrants’ use of welfare | Z-values for the coefficient of migrant-status obtained from estimating probit regressions per country-year to estimate the probability that migrant status predicts receipt of social security benefits of any kind. | EU-SILC (own calculations) |
| Migrants’ use of non-contributory benefits | Z-values for the coefficient of migrant-status obtained from estimating probit regressions per country-year to estimate the probability that migrant status predicts receipt of housing allowances, social assistance and/or family benefits. | EU-SILC (own calculations) |
| Perceived welfare impact | Immigrants take out more in benefits and services than they contribute in taxes (0 to 10) | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Welfare beneficiary | Dummy coded 1 if recipient’s primary source of income is social security benefits other than pensions (0 otherwise) | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Financial insecurity | How comfortable are you with current income (four-point ordinal ranges from comfortable, coping, difficult to very difficult) | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Immigration preference | Sum of three four-point ordinal questions related to preferences for immigration. These three questions ask whether respondents favour allowing immigrants from poorer countries outside Europe; 2) Whether they favour allowing immigrants from races or ethnicity different from majority’s, and 3) same immigrants of the same race and ethnicity as the majority population. Answer options are: allowing many=1, allow some=2, allow a few=3 and none=4. The sum is then divided by three. | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Citizenship status | Dummy coded 1 if respondent is citizen of the country and 0 if non-citizen | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Born in the country | Dummy coded 1 if born in the country and 0 if born outside the country | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Religious background | Dummy coded 1 if respondent belongs to religious denomination (0 otherwise) | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Education | Numbers of years in education | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Age | Age in years | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Gender | Dummy coded 1 if female and otherwise 0 | ESS (2002/2003, 2008/2009 & 2014/2015) |
| Inter-group contact | How often does respondent interact with ethnic and racial minorities (three-point ordinal scale ranges from Never, Less than once a month, once a month, several times a month, once a week, several times a week, to every day) | ESS (2002/2003) |