**ANALYSIS COMPLETED : 17/11/2015 (09:26)**  
**LAYER :** /E:/repos/scotland\_dissimilarity\_tables/shapefiles\_with\_attributes/resaved\_in\_arcgis/4grp\_2001/ethnicity\_2001dzs\_4cats\_2001dataB.shp  
**Total population field :** total

|  |  |
| --- | --- |
|  | **One Group** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **IS** | **IS(adj)** | **IS(w)** | **IS(s)** | **H** | **G** | **A(0.1)** | **A(0.5)** | **A(0.9)** | **xPx** | **Eta2** | **DEL** | **ACO** | **ACL** | **Pxx** | **Pxx Exp(-Dij)** | **DPxx** |
| white | 0.4783 | 0.4637 | 0.4718 | 0.4778 | 0.1062 | 0.6374 | 0.0819 | 0.3560 | 0.7038 | 0.9817 | 0.0667 | 0.8277 | 0.0108 | 0.9218 | 107.0012 | 0.0017 | 0.9683 |
| pakistani | 0.6851 | 0.6783 | 0.6821 | 0.6848 | 0.3014 | 0.8533 | 0.5944 | 0.7269 | 0.8288 | 0.0970 | 0.0914 | 0.9720 | 0.9981 | 0.0672 | 48.0430 | 0.0324 | 0.0410 |
| chinese | 0.6392 | 0.6352 | 0.6374 | 0.6391 | 0.2033 | 0.8003 | 0.5724 | 0.6620 | 0.7338 | 0.0211 | 0.0179 | 0.9539 | 0.9960 | 0.0086 | 81.4003 | 0.0081 | 0.0063 |
| other | 0.4460 | 0.4381 | 0.4424 | 0.4457 | 0.1189 | 0.6011 | 0.1521 | 0.3264 | 0.4615 | 0.0309 | 0.0208 | 0.9062 | 0.9887 | 0.0166 | 90.8769 | 0.0075 | 0.0189 |

**IS:** Segregation index; **IS(adj):** Segregation index adjusted for tract contiguity; **IS(w):** Segregation index adjusted for contiguous tract boundary lengths; **IS(s):** Segregation index adjusted for contiguous tract boundary lengths and perimeter/area ratio; **H:** Entropy index; **G:** Gini index; **A(0.1):** Atkinson index; **A(0.5):** Atkinson index; **A(0.9):** Atkinson index; **xPx:** Isolation index; **Eta2:** Correlation ratio; **DEL:** Delta index; **ACO:** absolute concentration index; **ACL:** Absolute clustering index; **Pxx:** Mean proximity between members of group X; **Pxx Exp(-Dij):** Mean proximity between members of group X (exp dij); **DPxx:** The distance-decay isolation index.

**ANALYSIS COMPLETED : 17/11/2015 (09:28)**  
**LAYER :** /E:/repos/scotland\_dissimilarity\_tables/shapefiles\_with\_attributes/resaved\_in\_arcgis/4grp\_2001/ethnicity\_2001dzs\_4cats\_2001dataB.shp  
**Total population field :** total

|  |  |
| --- | --- |
|  | **Two Groups** |

**Index of dissimilarity (ID)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.6881 | 0.6439 | 0.4497 |
| pakistani | 0.6881 |  | 0.6809 | 0.5997 |
| chinese | 0.6439 | 0.6809 |  | 0.5187 |
| other | 0.4497 | 0.5997 | 0.5187 |  |

**Index of dissimilarity adjusted for tract contiguity (D(adj))**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.6735 | 0.6293 | 0.4351 |
| pakistani | 0.6735 |  | 0.6741 | 0.5918 |
| chinese | 0.6293 | 0.6741 |  | 0.5108 |
| other | 0.4351 | 0.5918 | 0.5108 |  |

**Index of dissimilarity adjusted for contiguous tract boundary lengths (D(w))**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.6816 | 0.6374 | 0.4432 |
| pakistani | 0.6816 |  | 0.6779 | 0.5961 |
| chinese | 0.6374 | 0.6779 |  | 0.5151 |
| other | 0.4432 | 0.5961 | 0.5151 |  |

**Index of dissimilarity adjusted for contiguous tract boundary lengths and perimeter/area ratio (D(s))**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.6876 | 0.6434 | 0.4493 |
| pakistani | 0.6876 |  | 0.6806 | 0.5994 |
| chinese | 0.6434 | 0.6806 |  | 0.5185 |
| other | 0.4493 | 0.5994 | 0.5185 |  |

**Deviational ellipse index (S)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.7213 | 0.4434 | 0.2807 |
| pakistani | 0.7213 |  | 0.5001 | 0.6164 |
| chinese | 0.4434 | 0.5001 |  | 0.2338 |
| other | 0.2807 | 0.6164 | 0.2338 |  |

**Interaction index (xPy)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.0054 | 0.0030 | 0.0099 |
| pakistani | 0.8613 |  | 0.0085 | 0.0332 |
| chinese | 0.9355 | 0.0167 |  | 0.0268 |
| other | 0.9409 | 0.0199 | 0.0082 |  |

**Relative concentration index (RCO)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.9070 | 0.7498 | 0.5671 |
| pakistani | 0.9070 |  | 0.6224 | 0.7813 |
| chinese | 0.7498 | 0.6224 |  | 0.4208 |
| other | 0.5671 | 0.7813 | 0.4208 |  |

**Mean proximity between members of group X and members of group Y (Pxy)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 83.4833 | 95.0647 | 99.5326 |
| pakistani | 83.4833 |  | 68.4709 | 74.8247 |
| chinese | 95.0647 | 68.4709 |  | 86.3520 |
| other | 99.5326 | 74.8247 | 86.3520 |  |

**Mean proximity between members of group X and members of group Y (exp dij) (Pxy Exp(-Dij))**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.0037 | 0.0030 | 0.0029 |
| pakistani | 0.0031 |  | 0.0086 | 0.0094 |
| chinese | 0.0027 | 0.0098 |  | 0.0071 |
| other | 0.0027 | 0.0111 | 0.0077 |  |

**Spatial proximity index (SP)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 1.0998 | 1.0079 | 1.0216 |
| pakistani | 1.0998 |  | 1.2579 | 1.3713 |
| chinese | 1.0079 | 1.2579 |  | 1.0196 |
| other | 1.0216 | 1.3713 | 1.0196 |  |

**Relative clustering index (RCL)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | -0.9482 | -0.7929 | -0.7775 |
| pakistani | 18.3171 |  | 2.9997 | 3.2988 |
| chinese | 3.8297 | -0.7500 |  | 0.0748 |
| other | 3.4936 | -0.7674 | -0.0696 |  |

**The distance-decay isolation index (DPxy)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.0058 | 0.0030 | 0.0098 |
| pakistani | 0.9603 |  | 0.0064 | 0.0230 |
| chinese | 0.9731 | 0.0127 |  | 0.0185 |
| other | 0.9667 | 0.0138 | 0.0056 |  |

**ANALYSIS COMPLETED : 17/11/2015 (09:30)**  
**LAYER :** /E:/repos/scotland\_dissimilarity\_tables/shapefiles\_with\_attributes/resaved\_in\_arcgis/4grp\_2001/ethnicity\_2001dzs\_4cats\_2001dataB.shp  
**Total population field :** total

|  |  |
| --- | --- |
|  | **Multigroup** |

|  |  |
| --- | --- |
| D Multigroup dissimilarity index | 0.5157 |
| G Multigroup Gini index | 0.6754 |
| H Information theory index (entropy index) | 0.1959 |
| C Squared coefficient of variation | 0.0435 |
| SD Spatial version of multigroup dissimilarity index | 0.4259 |
| S Deviational ellipse index | 0.7228 |
| P Normalized exposure | 0.0662 |
| R Relative diversity | 0.0546 |

Information on Poulson et al typology

|  |  |  |
| --- | --- | --- |
| **Type** | **Description** | **Identification criterion** |
| 1 | Isolated host community | Percentage of ethnic minorities 20%. |
| 2 | Non-isolated host community | Percentage of ethnic minorities = 20% to 50%. |
| 3 | Associated assimilation - pluralism enclave | Percentage of ethnic minorities = 50% to 70%. |
| 4 | Mixed-minority enclave | Percentage of ethnic minorities >70% but no immigrant group dominates. |
| 5 | Polarised enclave | >70% with one immigrant group dominating (>66% of total immigrant population). |
| 6 | Extreme polarised enclave (ghetto) | Polarized enclave, but 30% or more of the all members of dominant group live in this area. |