**ANALYSIS COMPLETED : 17/11/2015 (10:02)**  
**LAYER :** /E:/repos/scotland\_dissimilarity\_tables/shapefiles\_with\_attributes/resaved\_in\_arcgis/4grp\_2011/ethnicity\_2001dzs\_4cats\_2011dataB.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 | 0.4719 | 0.4489 | 0.4617 | 0.4711 | 0.1592 | 0.6193 | 0.0750 | 0.3205 | 0.5330 | 0.9643 | 0.0948 | 0.8266 | 0.0163 | 0.8511 | 107.1539 | 0.0016 | 0.9503 |
| pakistani | 0.6007 | 0.5921 | 0.5969 | 0.6004 | 0.2530 | 0.7840 | 0.4298 | 0.6064 | 0.7464 | 0.0949 | 0.0865 | 0.9568 | 0.9964 | 0.0644 | 49.8641 | 0.0226 | 0.0445 |
| chinese | 0.5761 | 0.5700 | 0.5734 | 0.5759 | 0.1997 | 0.7549 | 0.4143 | 0.5649 | 0.6832 | 0.0414 | 0.0353 | 0.9473 | 0.9958 | 0.0244 | 73.4731 | 0.0132 | 0.0173 |
| other | 0.4523 | 0.4378 | 0.4457 | 0.4518 | 0.1373 | 0.5960 | 0.0885 | 0.2982 | 0.4584 | 0.0722 | 0.0495 | 0.9155 | 0.9849 | 0.0443 | 88.9417 | 0.0085 | 0.0477 |

**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 (10:04)**  
**LAYER :** /E:/repos/scotland\_dissimilarity\_tables/shapefiles\_with\_attributes/resaved\_in\_arcgis/4grp\_2011/ethnicity\_2001dzs\_4cats\_2011dataB.shp  
**Total population field :** total

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

**Index of dissimilarity (ID)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.6086 | 0.5870 | 0.4593 |
| pakistani | 0.6086 |  | 0.6079 | 0.5321 |
| chinese | 0.5870 | 0.6079 |  | 0.4104 |
| other | 0.4593 | 0.5321 | 0.4104 |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.5855 | 0.5639 | 0.4363 |
| pakistani | 0.5855 |  | 0.5993 | 0.5177 |
| chinese | 0.5639 | 0.5993 |  | 0.3960 |
| other | 0.4363 | 0.5177 | 0.3960 |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.5983 | 0.5767 | 0.4491 |
| pakistani | 0.5983 |  | 0.6041 | 0.5255 |
| chinese | 0.5767 | 0.6041 |  | 0.4039 |
| other | 0.4491 | 0.5255 | 0.4039 |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.6078 | 0.5862 | 0.4586 |
| pakistani | 0.6078 |  | 0.6076 | 0.5316 |
| chinese | 0.5862 | 0.6076 |  | 0.4099 |
| other | 0.4586 | 0.5316 | 0.4099 |  |

**Deviational ellipse index (S)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.7258 | 0.5207 | 0.3729 |
| pakistani | 0.7258 |  | 0.4466 | 0.5753 |
| chinese | 0.5207 | 0.4466 |  | 0.2562 |
| other | 0.3729 | 0.5753 | 0.2562 |  |

**Interaction index (xPy)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.0080 | 0.0057 | 0.0221 |
| pakistani | 0.8314 |  | 0.0139 | 0.0598 |
| chinese | 0.8645 | 0.0203 |  | 0.0739 |
| other | 0.8854 | 0.0230 | 0.0194 |  |

**Relative concentration index (RCO)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.8549 | 0.7954 | 0.6346 |
| pakistani | 0.8549 |  | -0.4021 | 0.5996 |
| chinese | 0.7954 | -0.4021 |  | 0.4386 |
| other | 0.6346 | 0.5996 | 0.4386 |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 84.3285 | 91.9224 | 98.8862 |
| pakistani | 84.3285 |  | 64.5188 | 74.7713 |
| chinese | 91.9224 | 64.5188 |  | 81.9340 |
| other | 98.8862 | 74.7713 | 81.9340 |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.0033 | 0.0033 | 0.0030 |
| pakistani | 0.0028 |  | 0.0079 | 0.0081 |
| chinese | 0.0030 | 0.0098 |  | 0.0092 |
| other | 0.0028 | 0.0101 | 0.0101 |  |

**Spatial proximity index (SP)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 1.1021 | 1.0331 | 1.0601 |
| pakistani | 1.1021 |  | 1.3021 | 1.2653 |
| chinese | 1.0331 | 1.3021 |  | 1.0440 |
| other | 1.0601 | 1.2653 | 1.0440 |  |

**Relative clustering index (RCL)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | -0.9274 | -0.8753 | -0.8074 |
| pakistani | 12.7729 |  | 0.7175 | 1.6525 |
| chinese | 7.0194 | -0.4177 |  | 0.5444 |
| other | 4.1925 | -0.6230 | -0.3525 |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **white** | **pakistani** | **chinese** | **other** |
| white |  | 0.0082 | 0.0056 | 0.0220 |
| pakistani | 0.9039 |  | 0.0116 | 0.0479 |
| chinese | 0.9309 | 0.0182 |  | 0.0515 |
| other | 0.9334 | 0.0187 | 0.0129 |  |

**ANALYSIS COMPLETED : 17/11/2015 (10:05)**  
**LAYER :** /E:/repos/scotland\_dissimilarity\_tables/shapefiles\_with\_attributes/resaved\_in\_arcgis/4grp\_2011/ethnicity\_2001dzs\_4cats\_2011dataB.shp  
**Total population field :** total

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

|  |  |
| --- | --- |
| D Multigroup dissimilarity index | 0.4898 |
| G Multigroup Gini index | 0.6428 |
| H Information theory index (entropy index) | 0.1837 |
| C Squared coefficient of variation | 0.0576 |
| SD Spatial version of multigroup dissimilarity index | 0.4253 |
| S Deviational ellipse index | 0.7344 |
| P Normalized exposure | 0.0933 |
| R Relative diversity | 0.0752 |