# Figures for ACS 2006-2010

**Distribution of assignment probabilities**

A graph with different colored rectangles

Description automatically generated

|  | **cluster1 (N=326)** | **cluster2 (N=165)** | **cluster3 (N=152)** | **cluster4 (N=145)** | **cluster5 (N=208)** | **cluster6 (N=135)** | **cluster7 (N=73)** | **cluster8 (N=30)** | **cluster9 (N=244)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Average Assignment Probability (ECR Algorithm)** |  |  |  |  |  |  |  |  |  |
| Mean (SD) | 0.838 (0.178) | 0.832 (0.167) | 0.704 (0.130) | 0.815 (0.176) | 0.894 (0.156) | 0.815 (0.160) | 0.743 (0.154) | 0.561 (0.0786) | 0.787 (0.187) |
| Median [Min, Max] | 0.911 [0.176, 0.994] | 0.895 [0.309, 0.995] | 0.706 [0.410, 0.919] | 0.871 [0.442, 0.996] | 0.972 [0.338, 0.996] | 0.845 [0.290, 0.998] | 0.774 [0.372, 0.979] | 0.570 [0.345, 0.673] | 0.819 [0.200, 0.992] |

# Figures for ACS 2011-2015

**Distribution of assignment probabilities**

A graph with different colored rectangular shapes

Description automatically generated

|  | **cluster1 (N=181)** | **cluster2 (N=154)** | **cluster3 (N=313)** | **cluster4 (N=408)** | **cluster5 (N=165)** | **cluster6 (N=99)** | **cluster8 (N=45)** | **cluster9 (N=113)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Average Assignment Probability (ECR Algorithm)** |  |  |  |  |  |  |  |  |
| Mean (SD) | 0.955 (0.0839) | 0.872 (0.151) | 0.860 (0.170) | 0.921 (0.134) | 0.806 (0.165) | 0.652 (0.150) | 0.807 (0.164) | 0.798 (0.142) |
| Median [Min, Max] | 0.985 [0.468, 0.999] | 0.949 [0.361, 0.998] | 0.928 [0.247, 0.994] | 0.974 [0.240, 0.998] | 0.830 [0.383, 0.995] | 0.660 [0.363, 0.953] | 0.830 [0.383, 0.997] | 0.854 [0.316, 0.927] |

# Figures for ACS 2015-2019

**Distribution of assignment probabilities**

**A graph with different colored squares

Description automatically generated**

|  | **cluster1 (N=449)** | **cluster2 (N=153)** | **cluster3 (N=38)** | **cluster4 (N=172)** | **cluster5 (N=167)** | **cluster6 (N=380)** | **cluster7 (N=119)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Average Assignment Probability (ECR Algorithm)** |  |  |  |  |  |  |  |
| Mean (SD) | 0.948 (0.133) | 0.858 (0.185) | 0.519 (0.108) | 0.821 (0.187) | 0.773 (0.0984) | 0.877 (0.161) | 0.801 (0.128) |
| Median [Min, Max] | 0.998 [0.237, 1.00] | 0.963 [0.329, 0.998] | 0.510 [0.265, 0.732] | 0.893 [0.288, 0.997] | 0.823 [0.383, 0.855] | 0.949 [0.222, 0.990] | 0.866 [0.400, 0.911] |