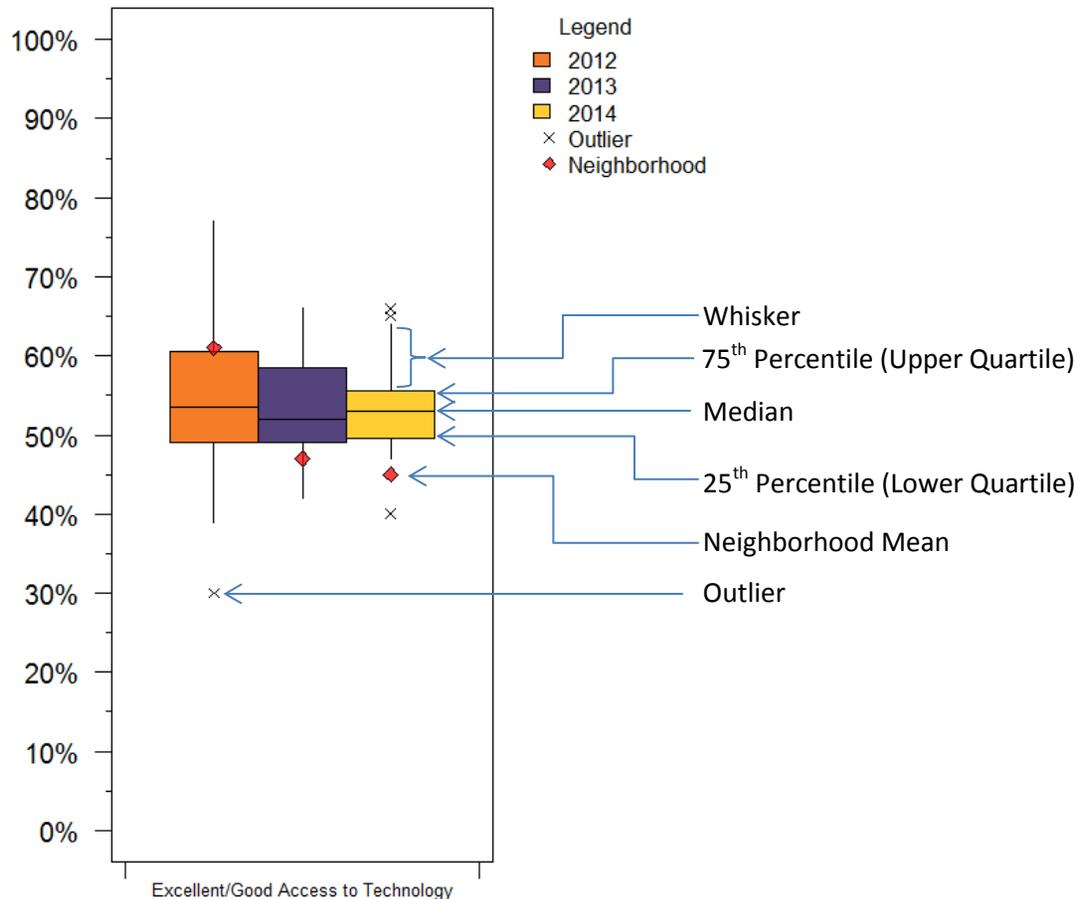


How to Read and Interpret the Boxplot

Resident View of Digital Society



Boxplots, also known as box-and-whisker plots or diagrams, are an extremely useful way of displaying a summary of the data in a meaningful, yet concise, manner. Included below is a sample of what you will see for the boxplots comparing 2012-2014 data for the same question with the different parts of the graph labeled and explained next to the boxplot.

Interpretation:

Legend: The legend is your guide to help determine what the symbols or colors in the boxplot represent.

Whisker: Helps see the spread of the data beyond the 25th-75th quartile range. The whisker length is up to 1.5 times the width between the 25th and 75th quartile (also called the interquartile range, or IQR) or less if the largest or smallest observation is within the whisker. If there are observations outside this 1.5*IQR they are extreme observations for the given dataset and are called outliers.

75th Percentile (Upper Quartile): Approximately 75% of neighborhood clusters are below this line, with 25% being above.

Median: Approximately 50% of neighborhood clusters are below, with 50% being above (the middle value of the dataset).

25th Percentile (Lower Quartile): Approximately 25% of neighborhood clusters are below this line, with 75% being above.

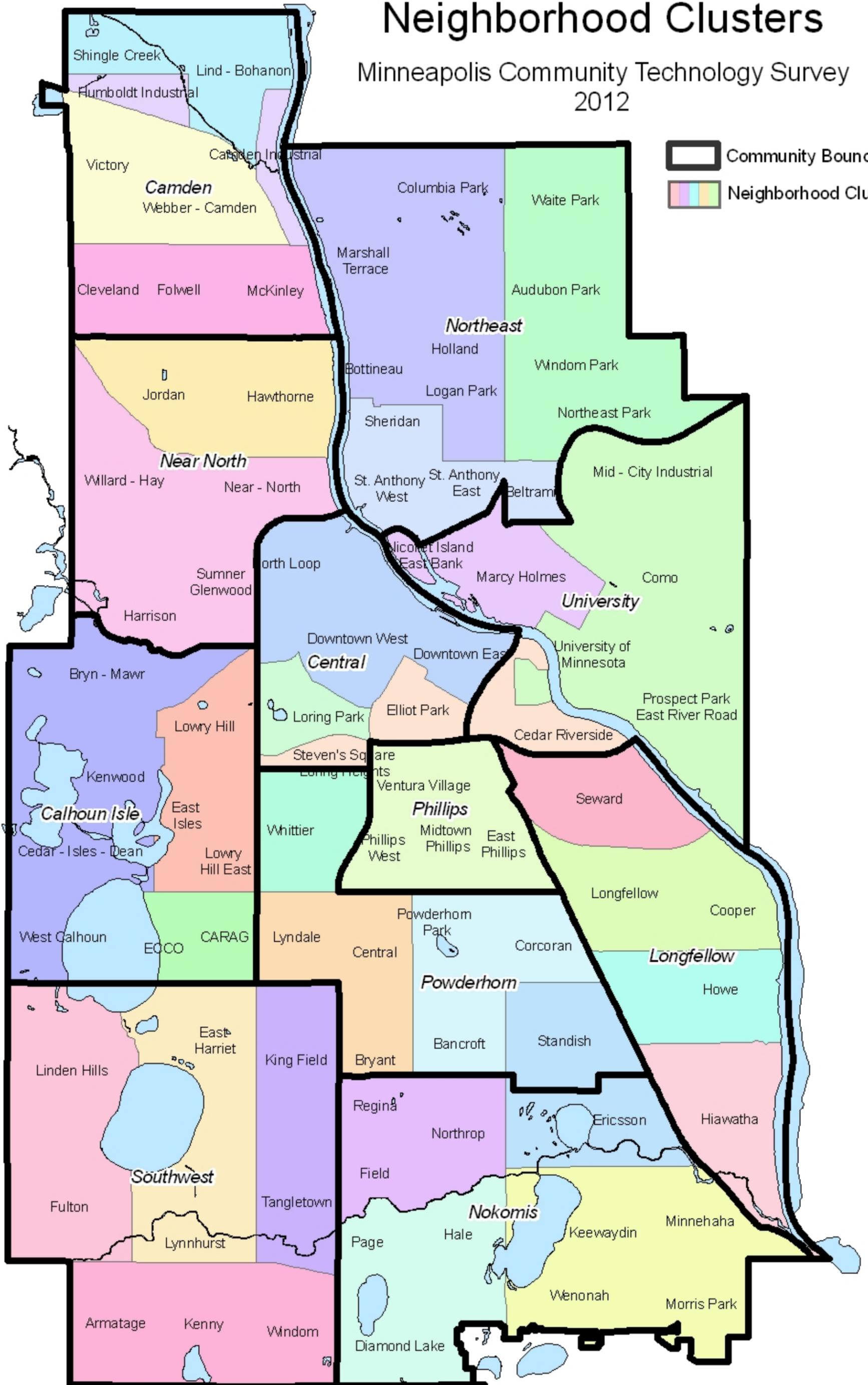
Neighborhood Mean: Most plots will have different colored diamonds marking where a neighborhood cluster has its average value and where it falls within the boxplot. This can help create a picture of where the neighborhood clusters stands relative to its fellow neighborhood clusters.

Outlier: These values are from neighborhood clusters that seem extreme in relation to the other data for neighborhood clusters.

Neighborhood Clusters

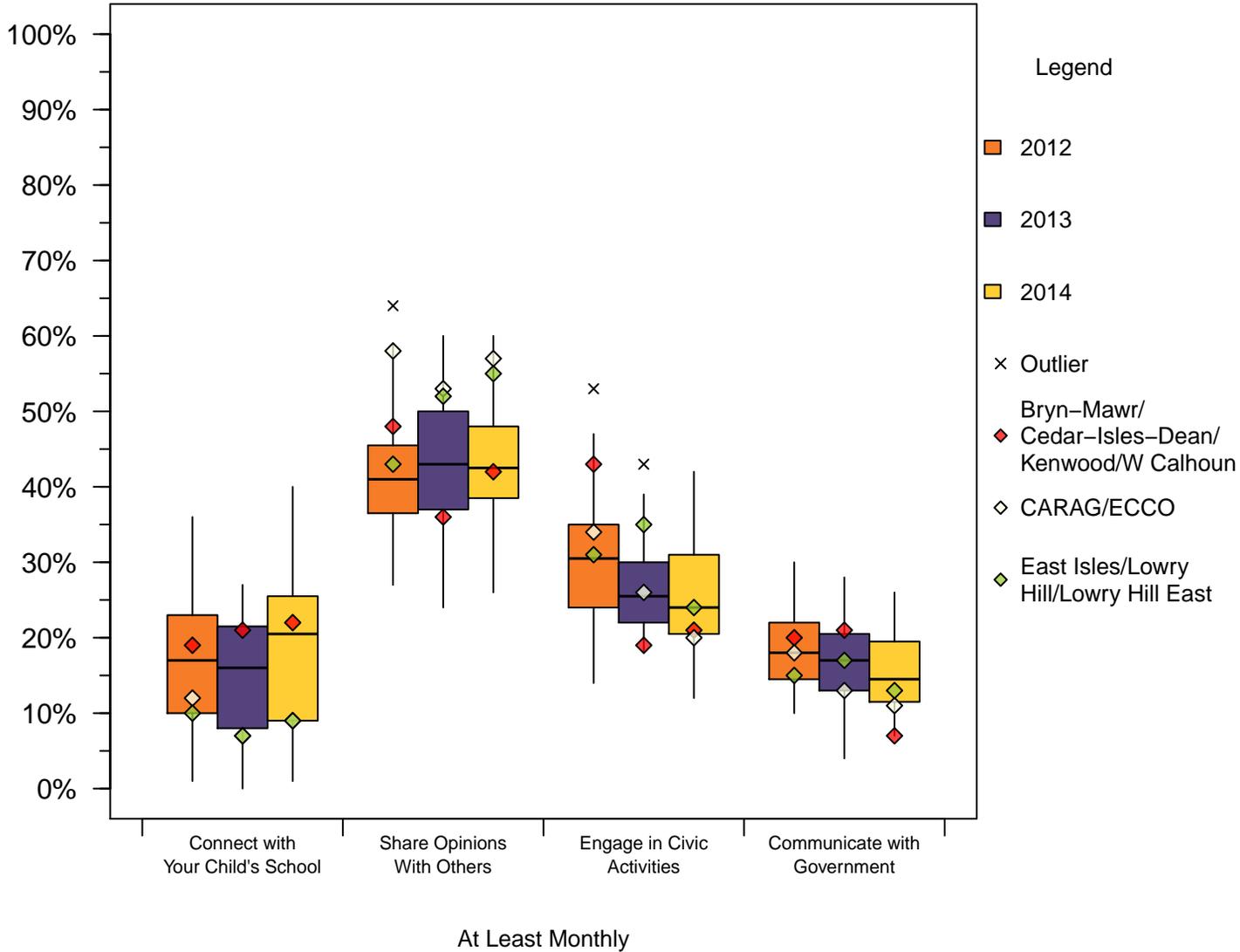
Minneapolis Community Technology Survey
2012

-  Community Boundaries
-  Neighborhood Clusters



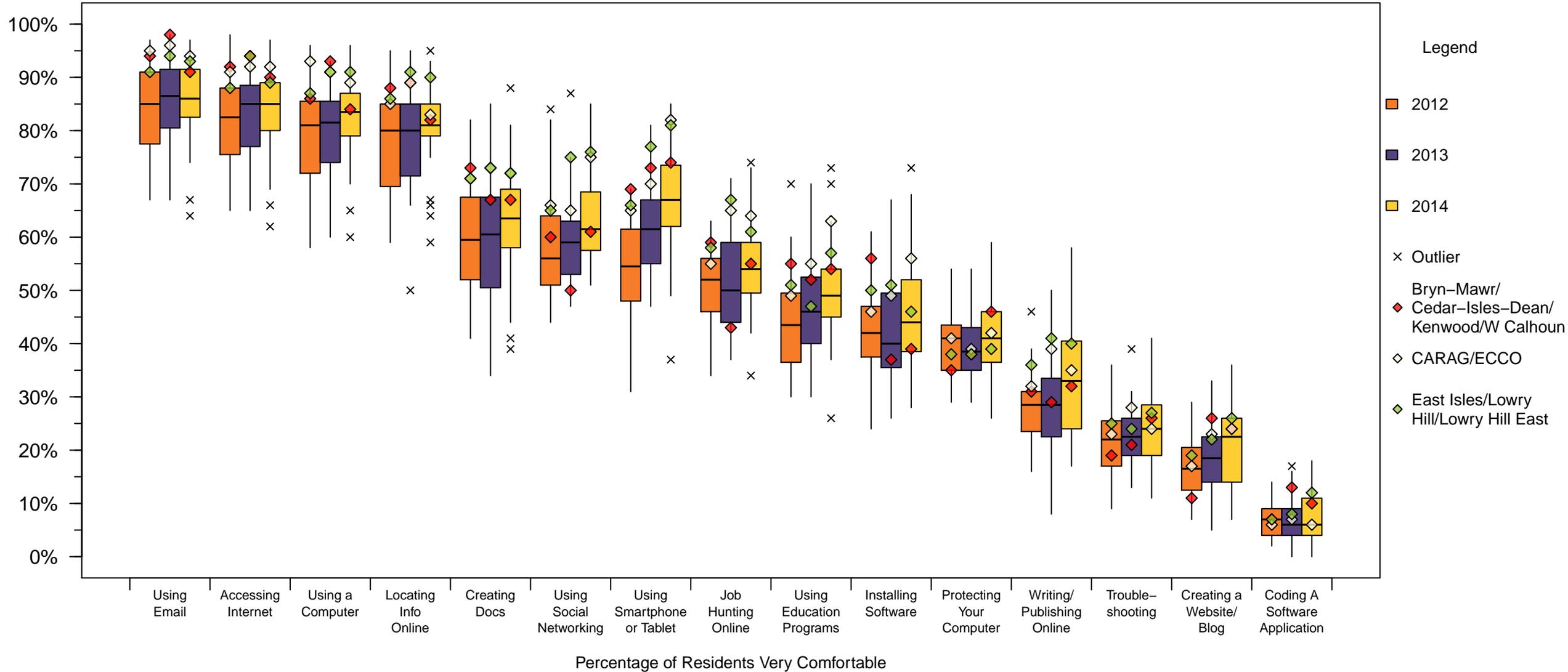
Resident Engagement via the Internet

Calhoun Isles Community



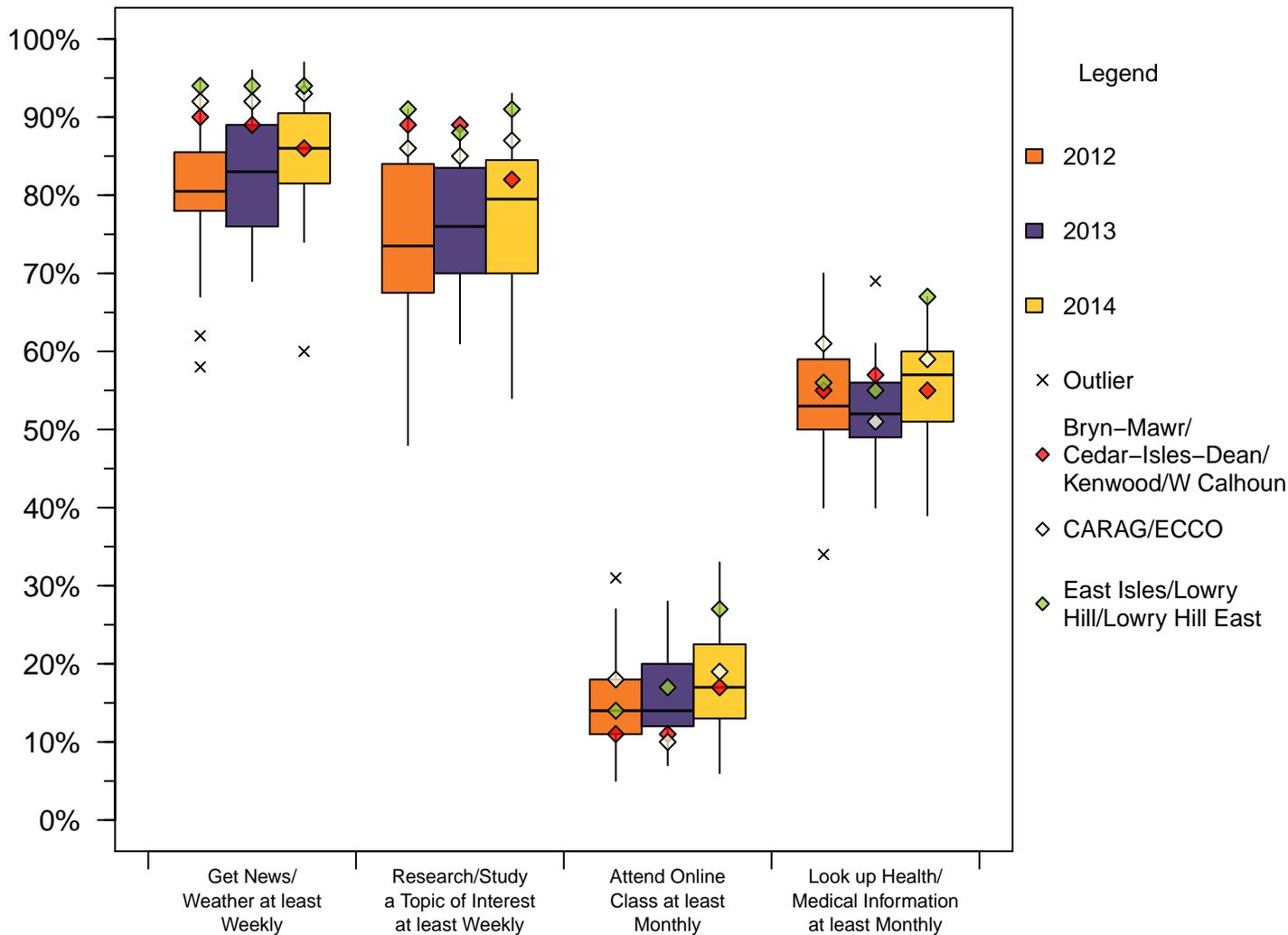
Level of Digital Literacy

Calhoun Isles Community



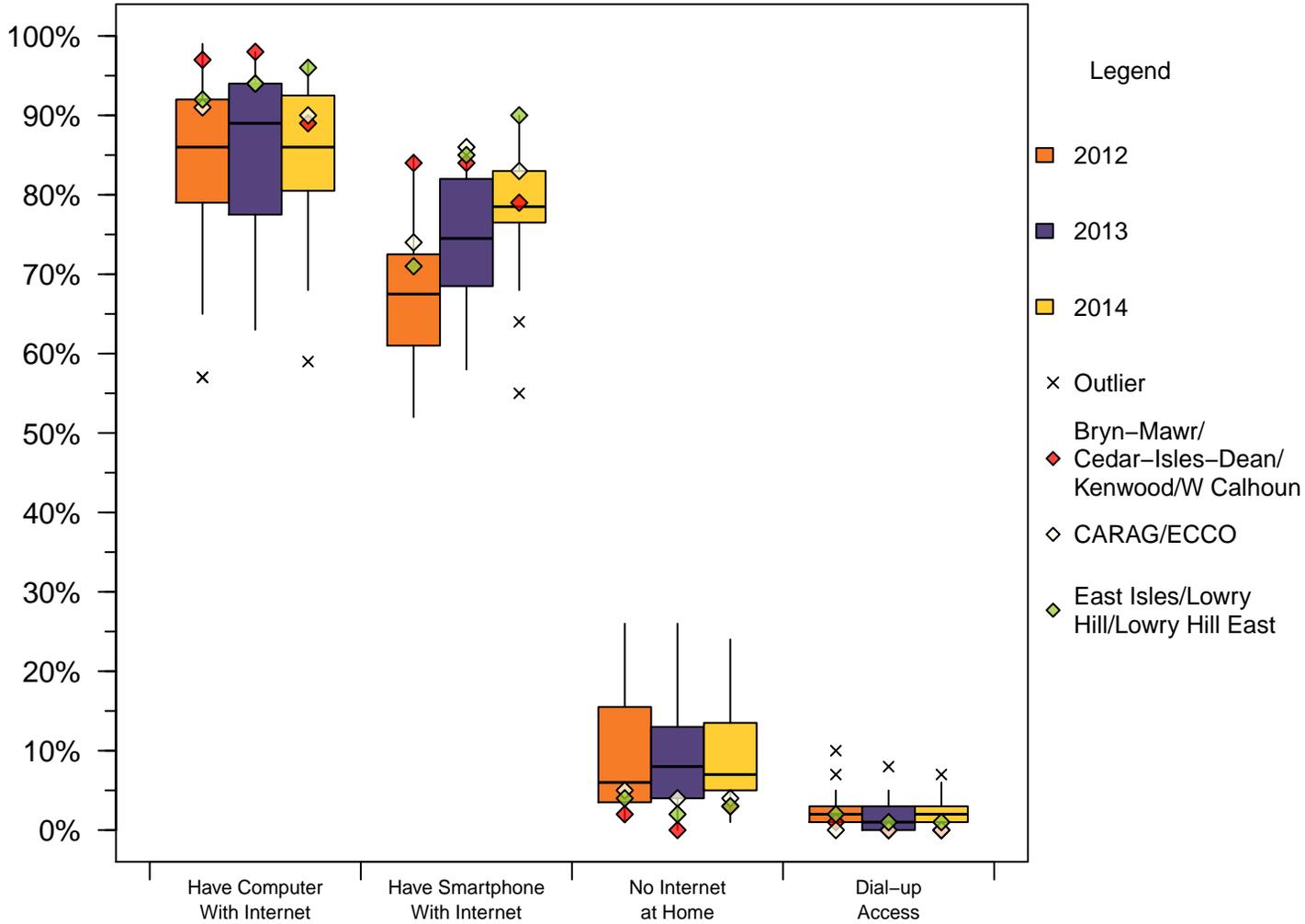
Resident Information Consumption

Calhoun Isles Community



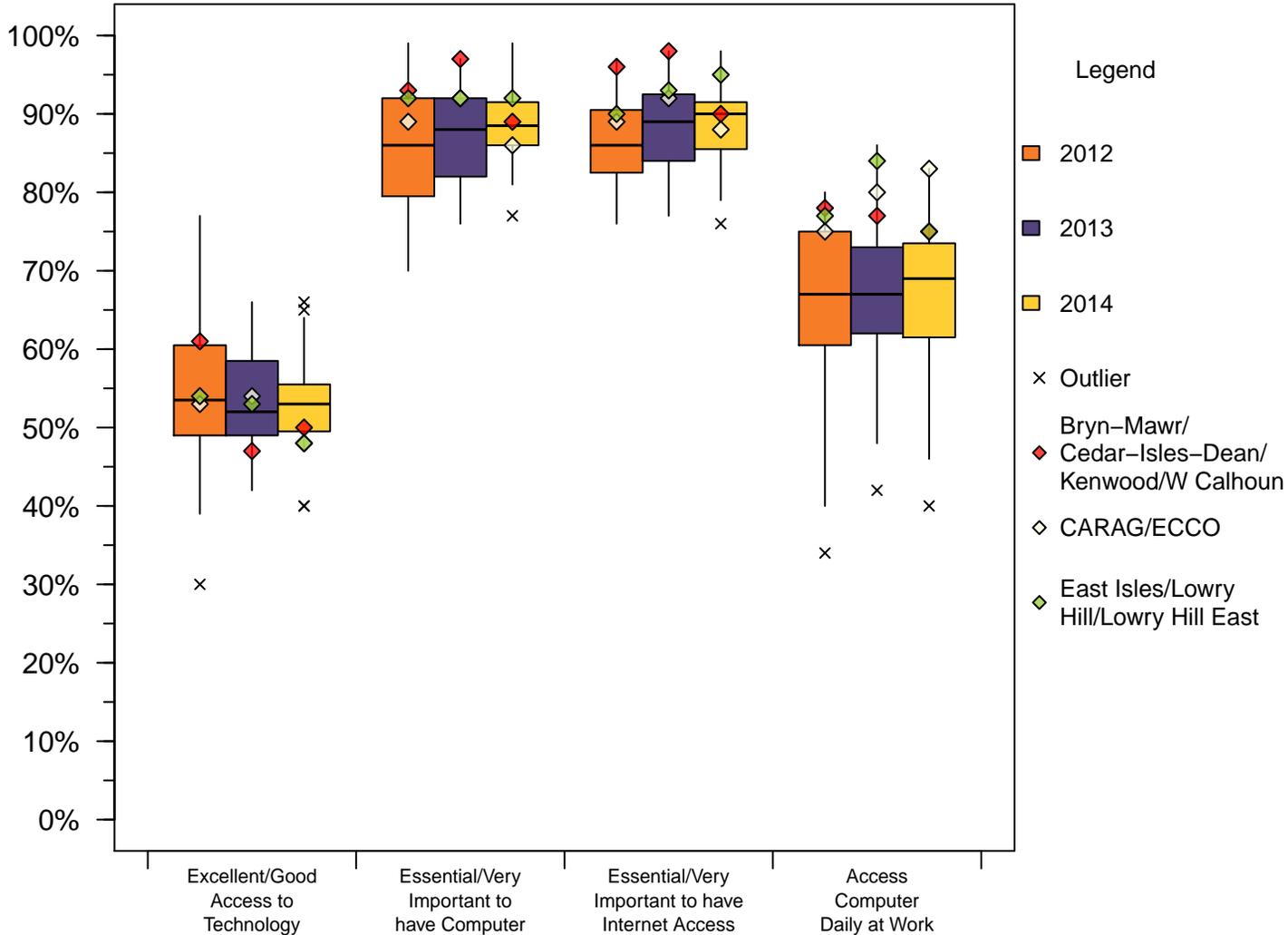
City Resident's Digital Tools

Calhoun Isles Community



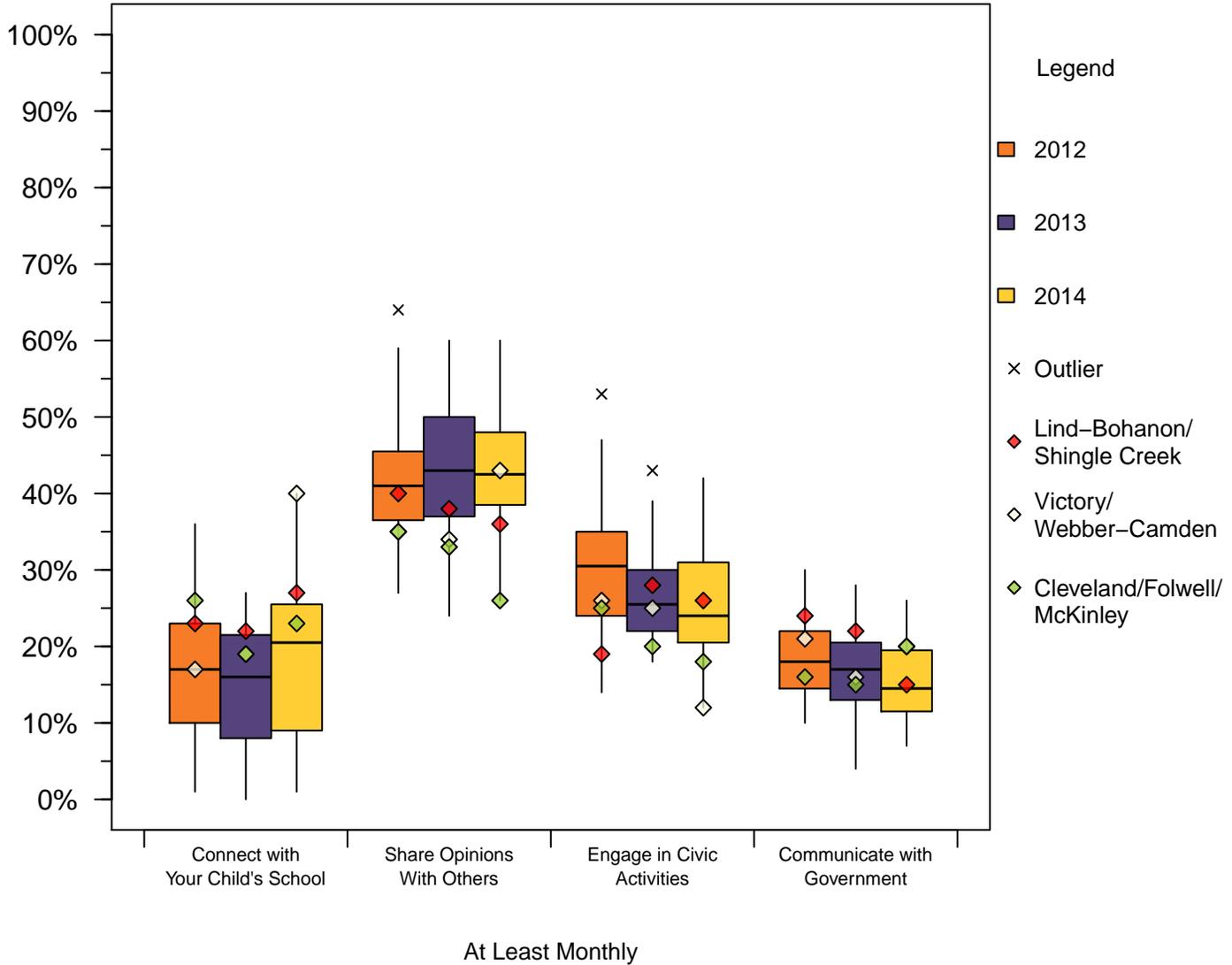
Resident View of Digital Society

Calhoun Isles Community



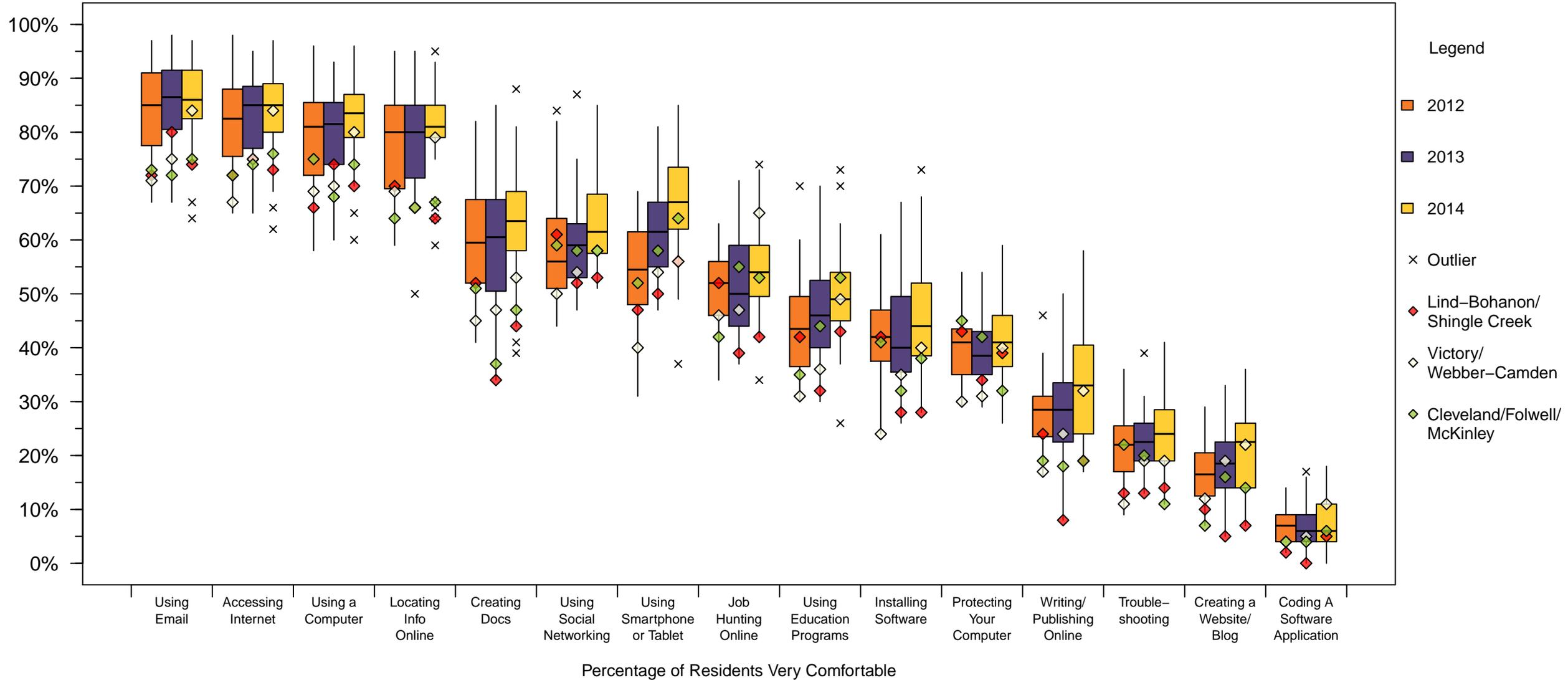
Resident Engagement via the Internet

Camden Community



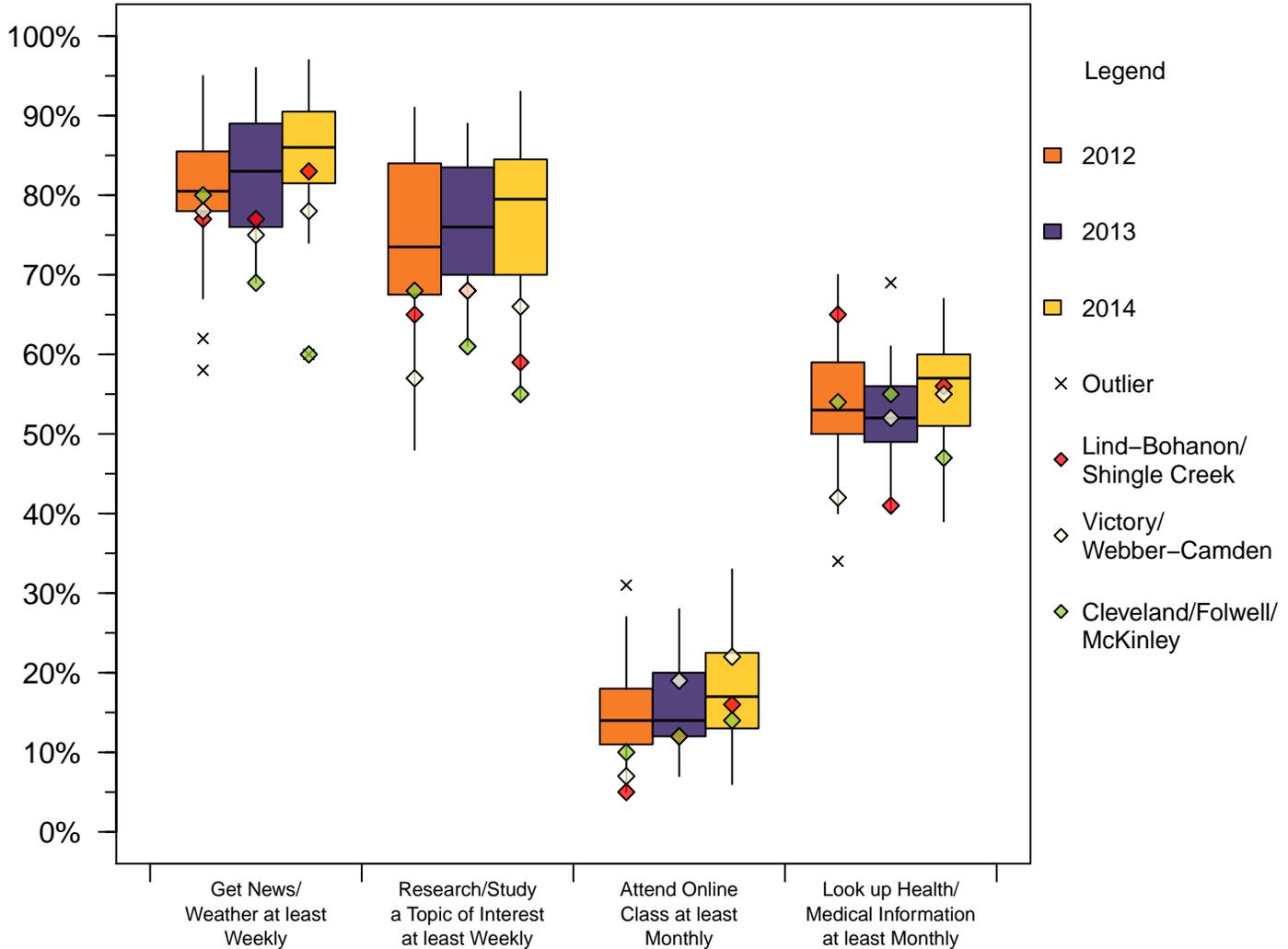
Level of Digital Literacy

Camden Community



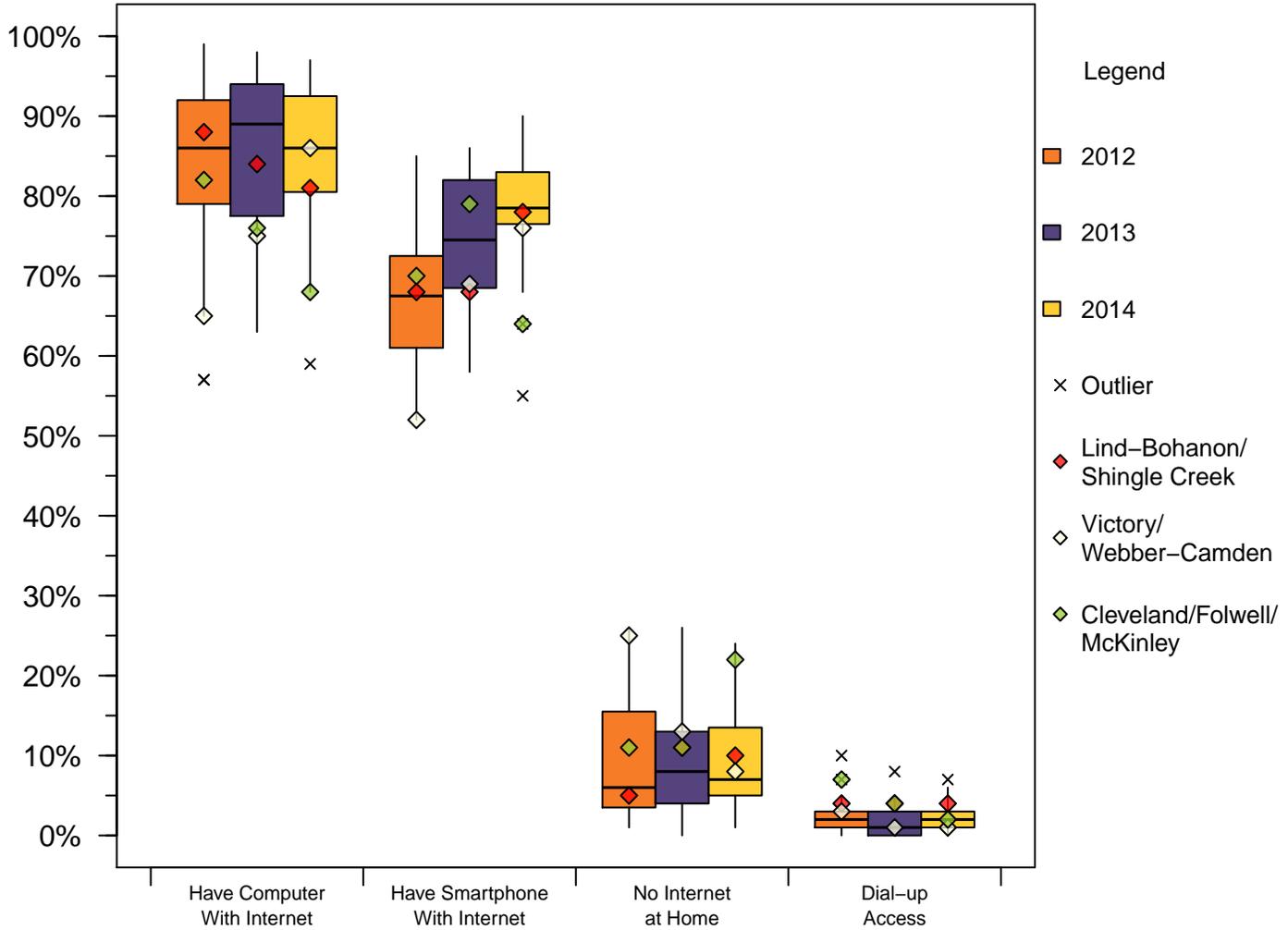
Resident Information Consumption

Camden Community



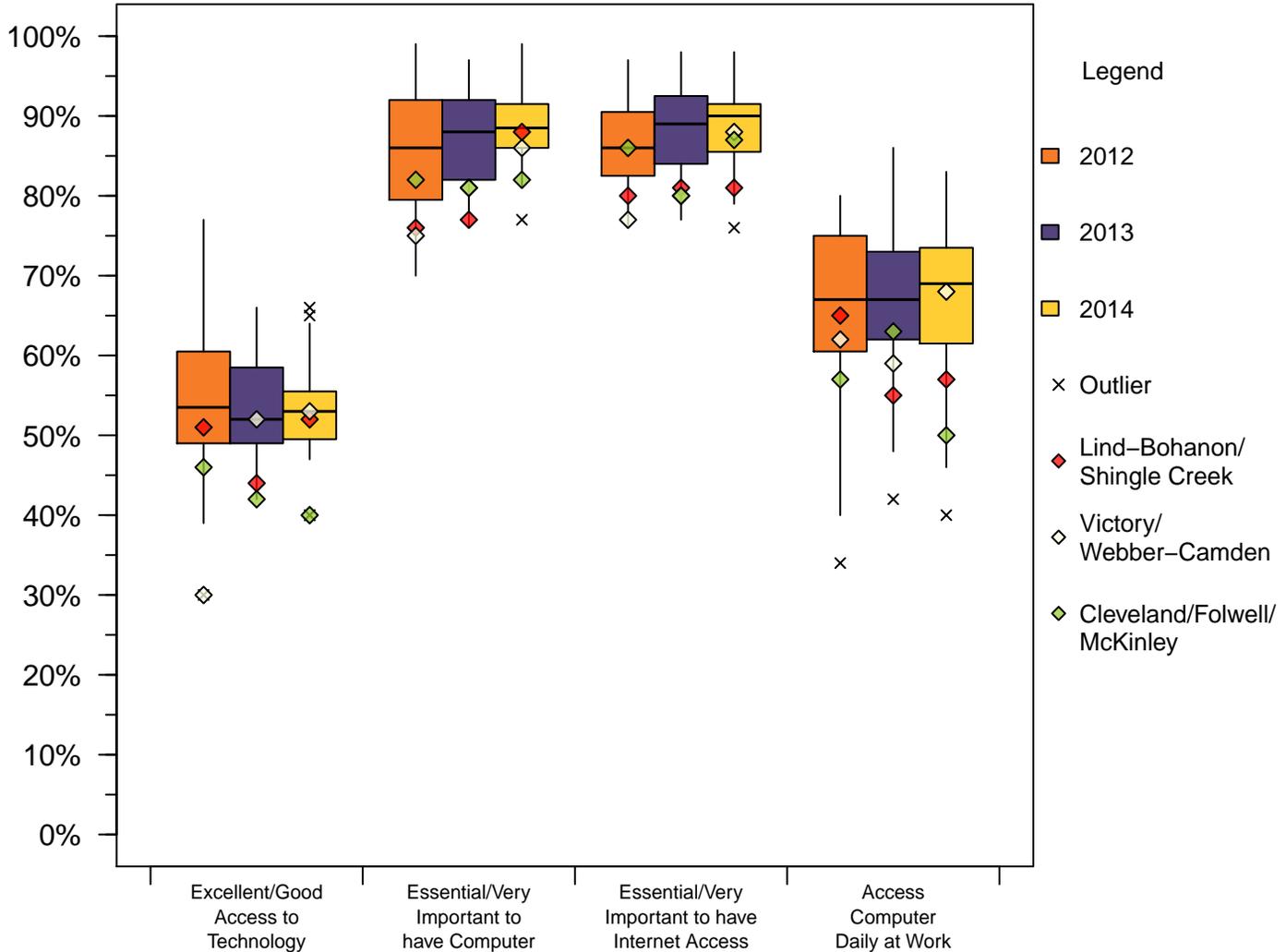
City Resident's Digital Tools

Camden Community



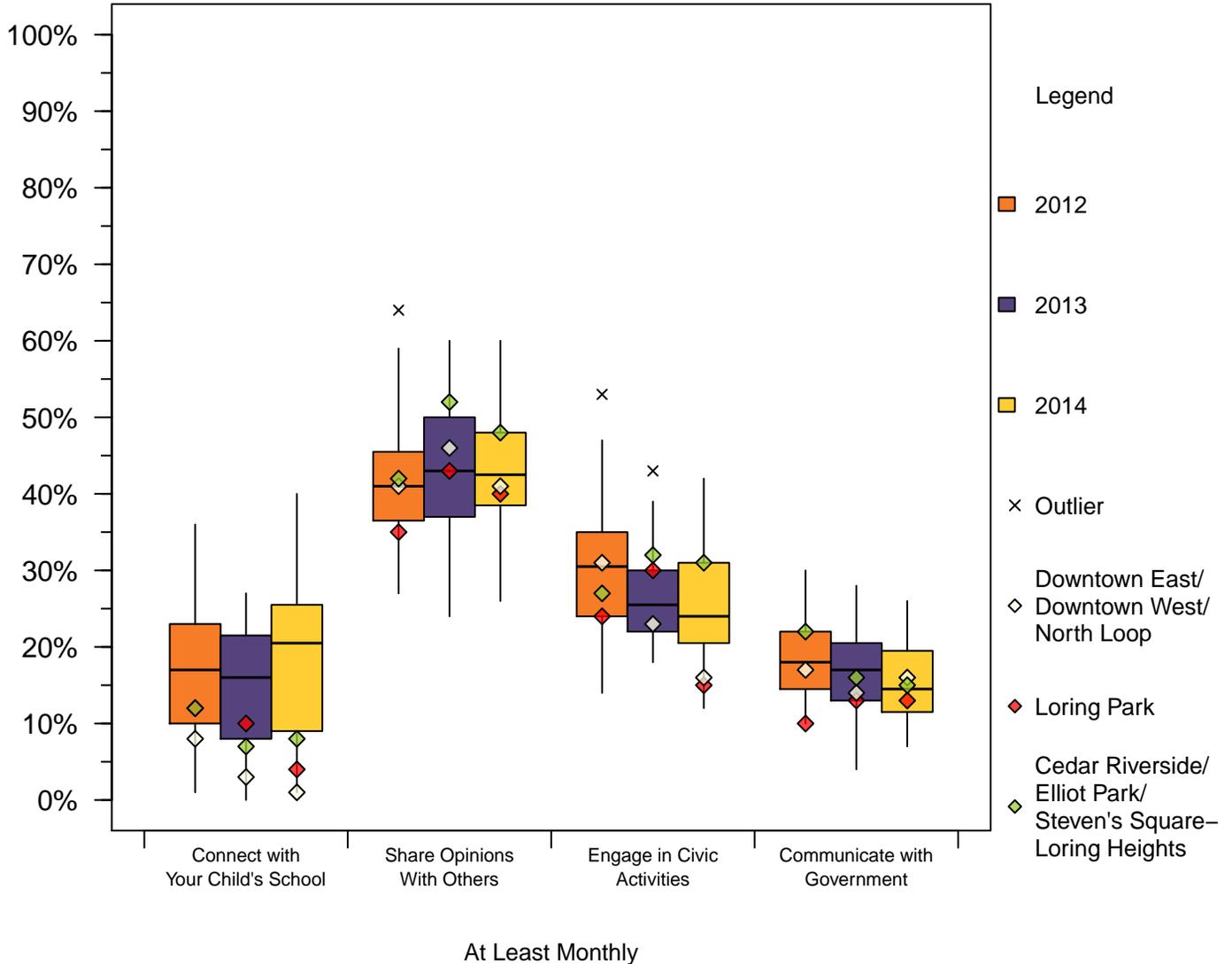
Resident View of Digital Society

Camden Community



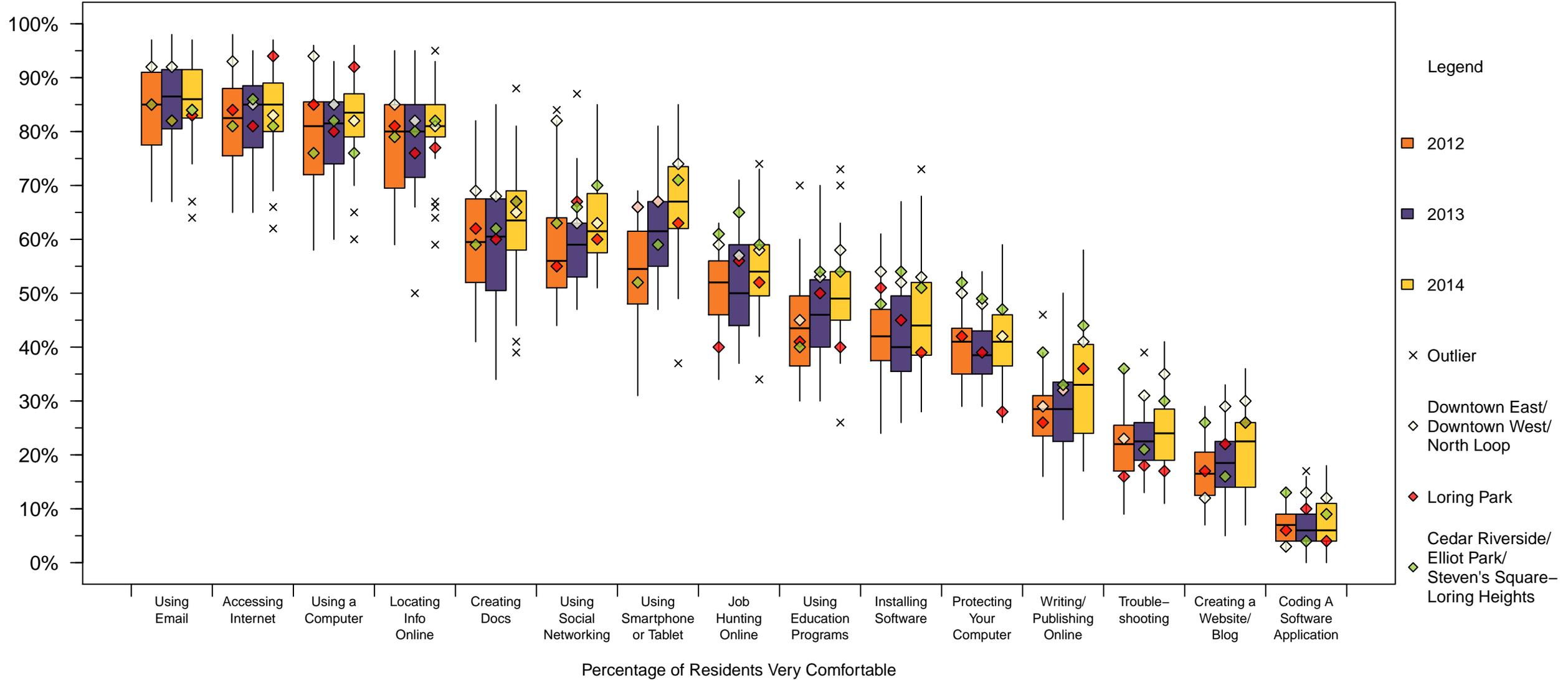
Resident Engagement via the Internet

Central Community



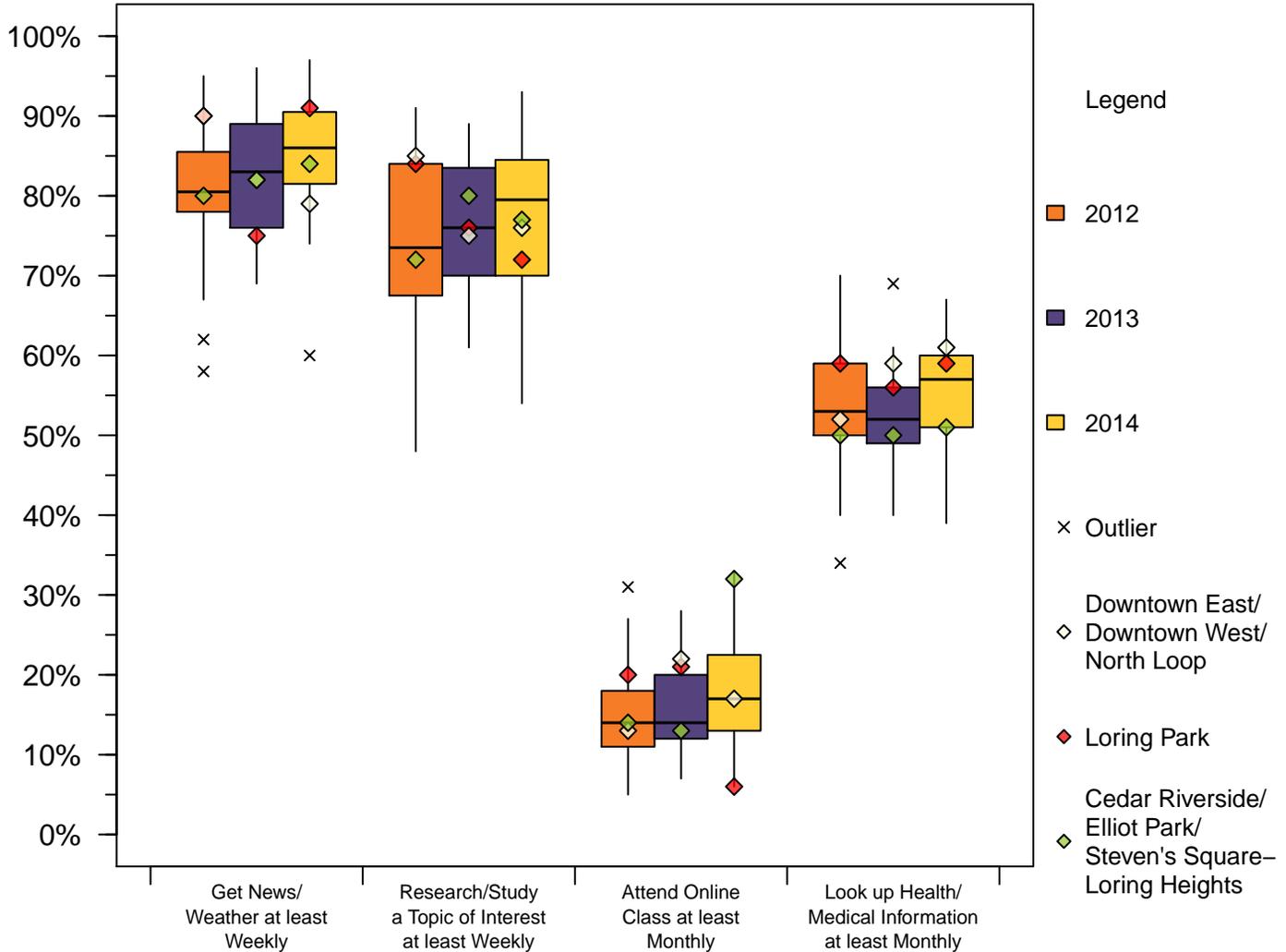
Level of Digital Literacy

Central Community



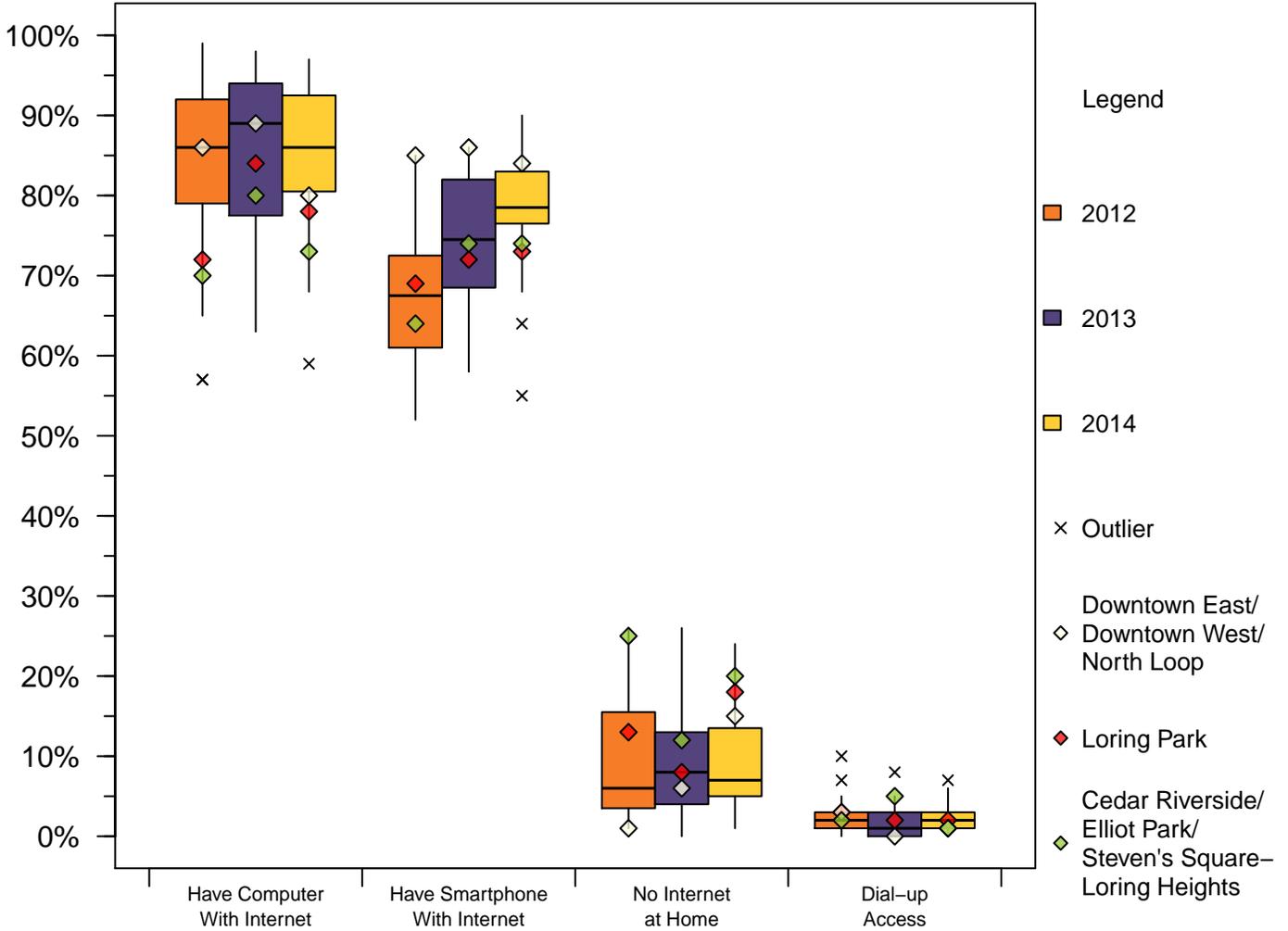
Resident Information Consumption

Central Community



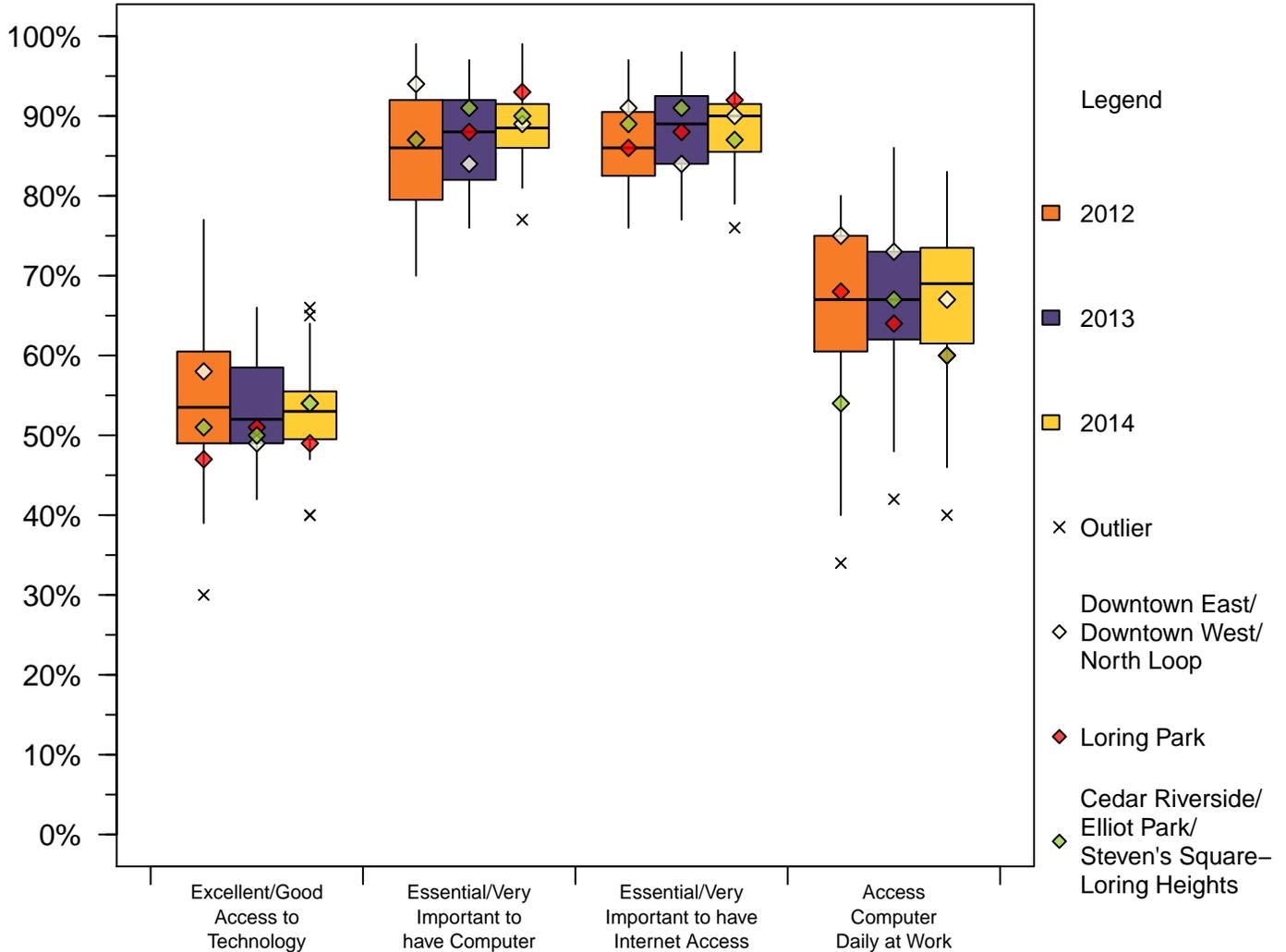
City Resident's Digital Tools

Central Community



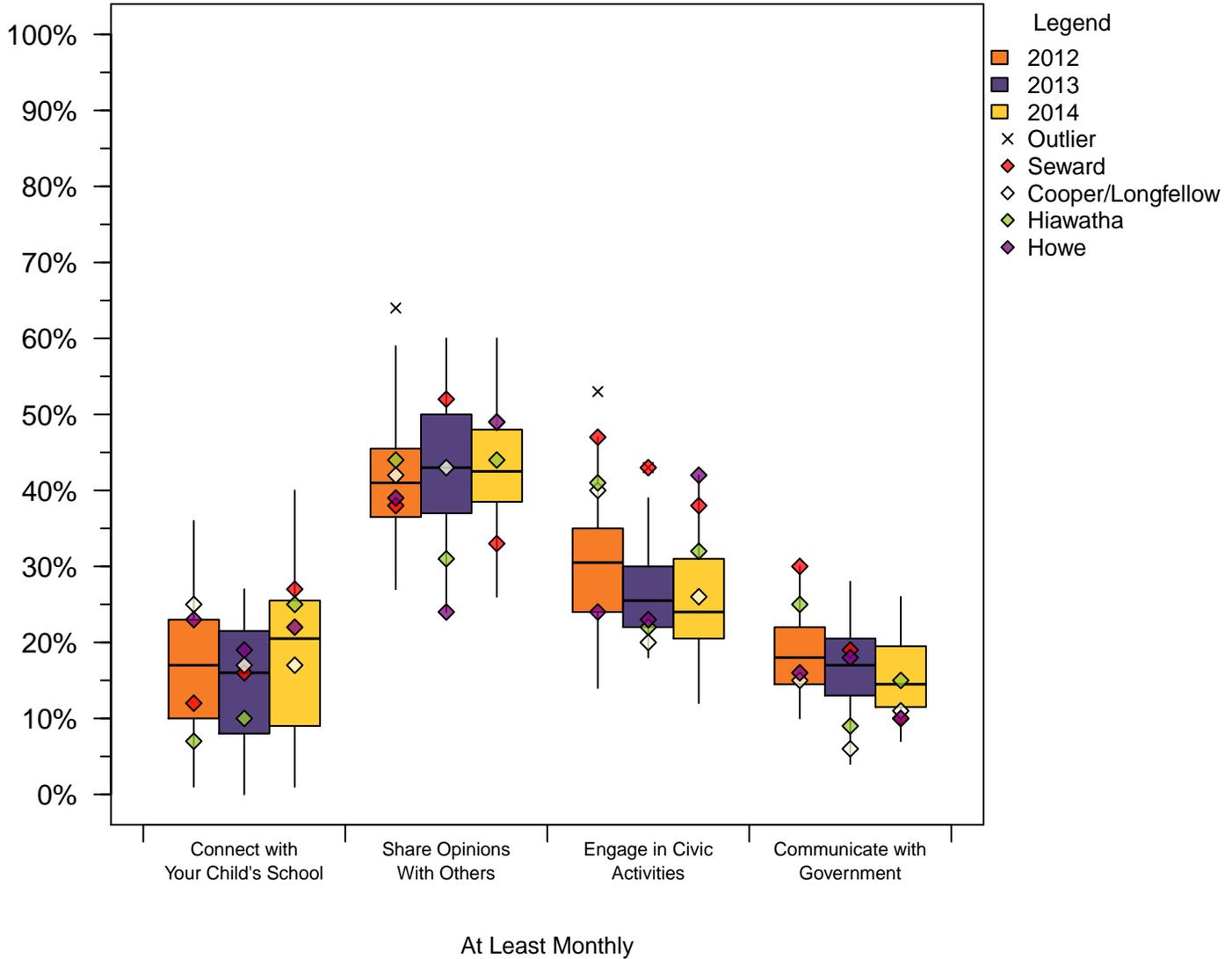
Resident View of Digital Society

Central Community



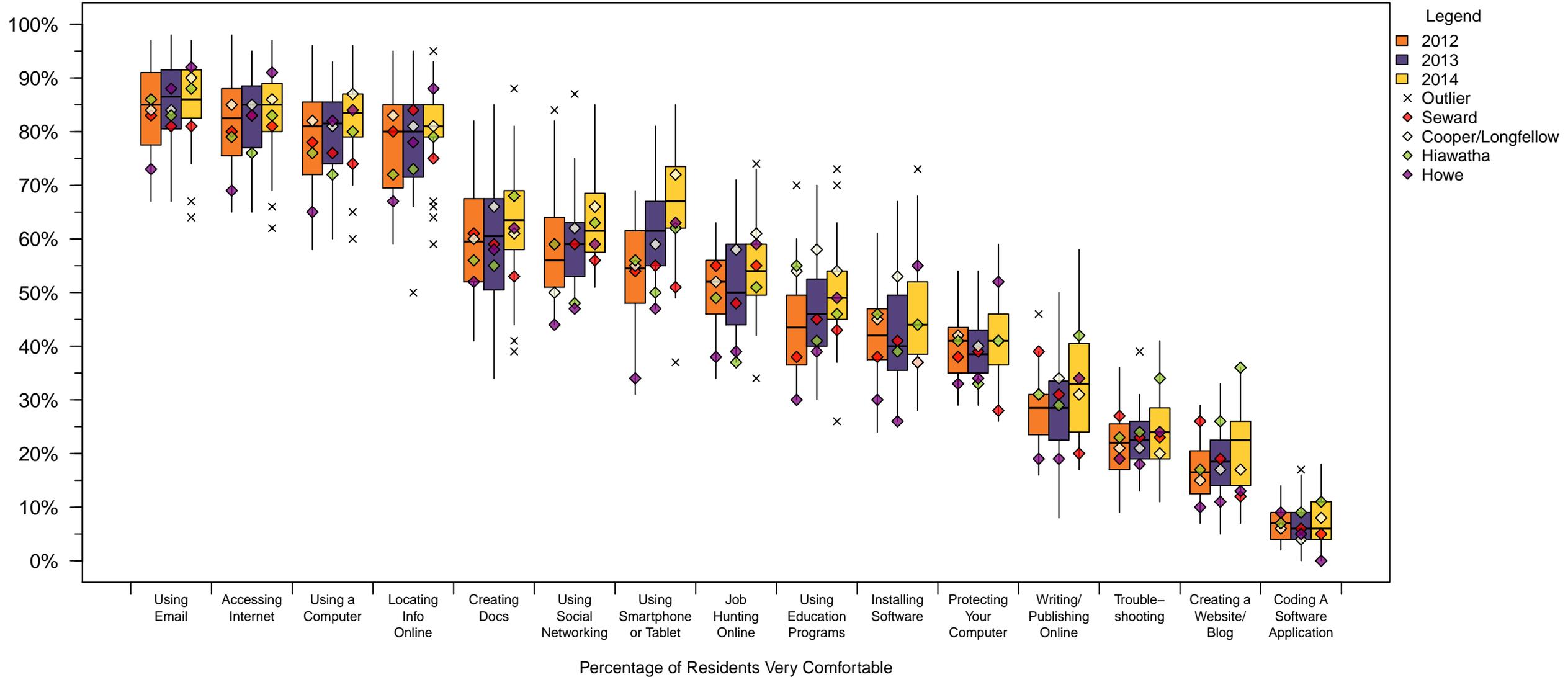
Resident Engagement via the Internet

Longfellow Community



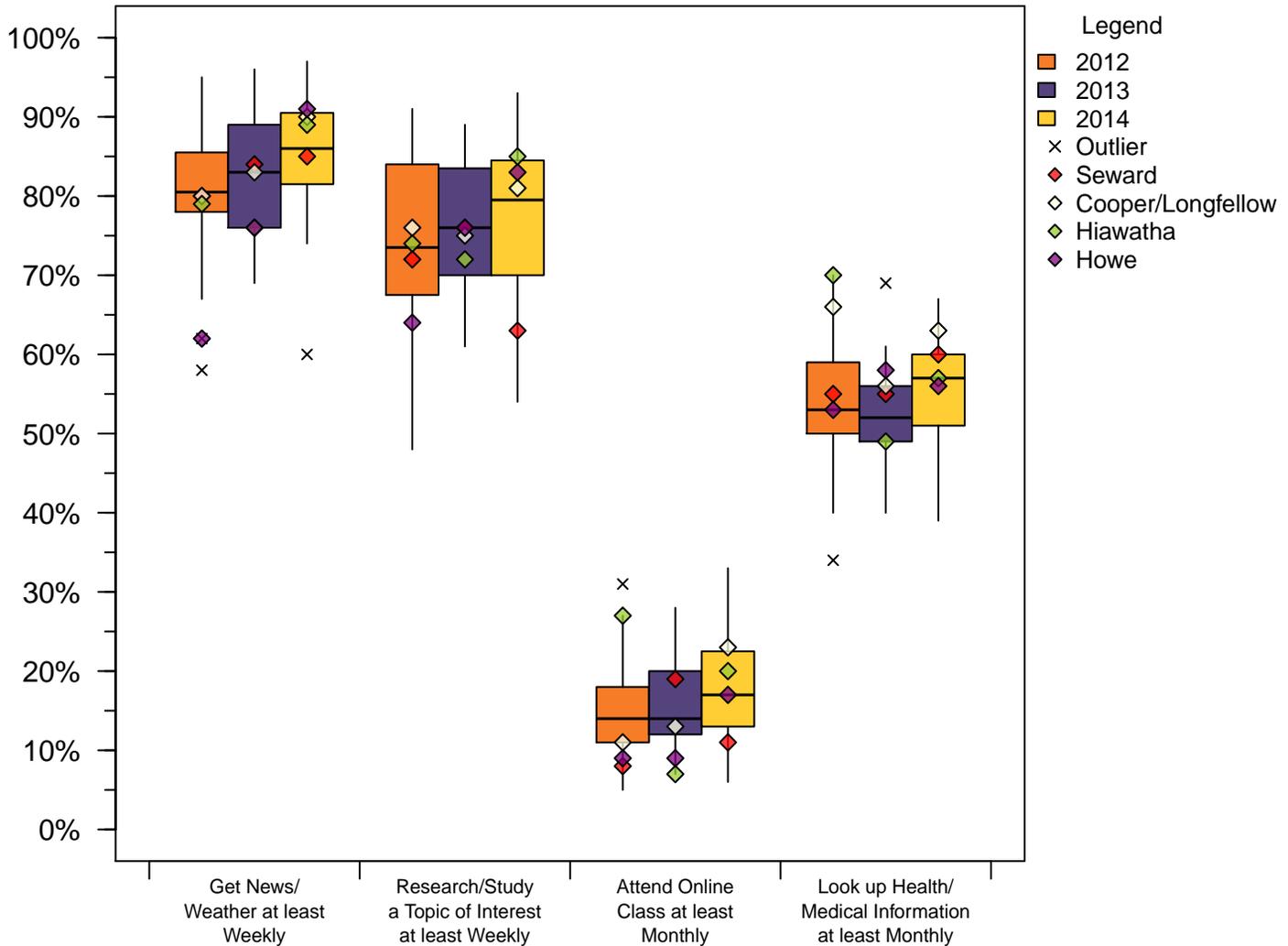
Level of Digital Literacy

Longfellow Community



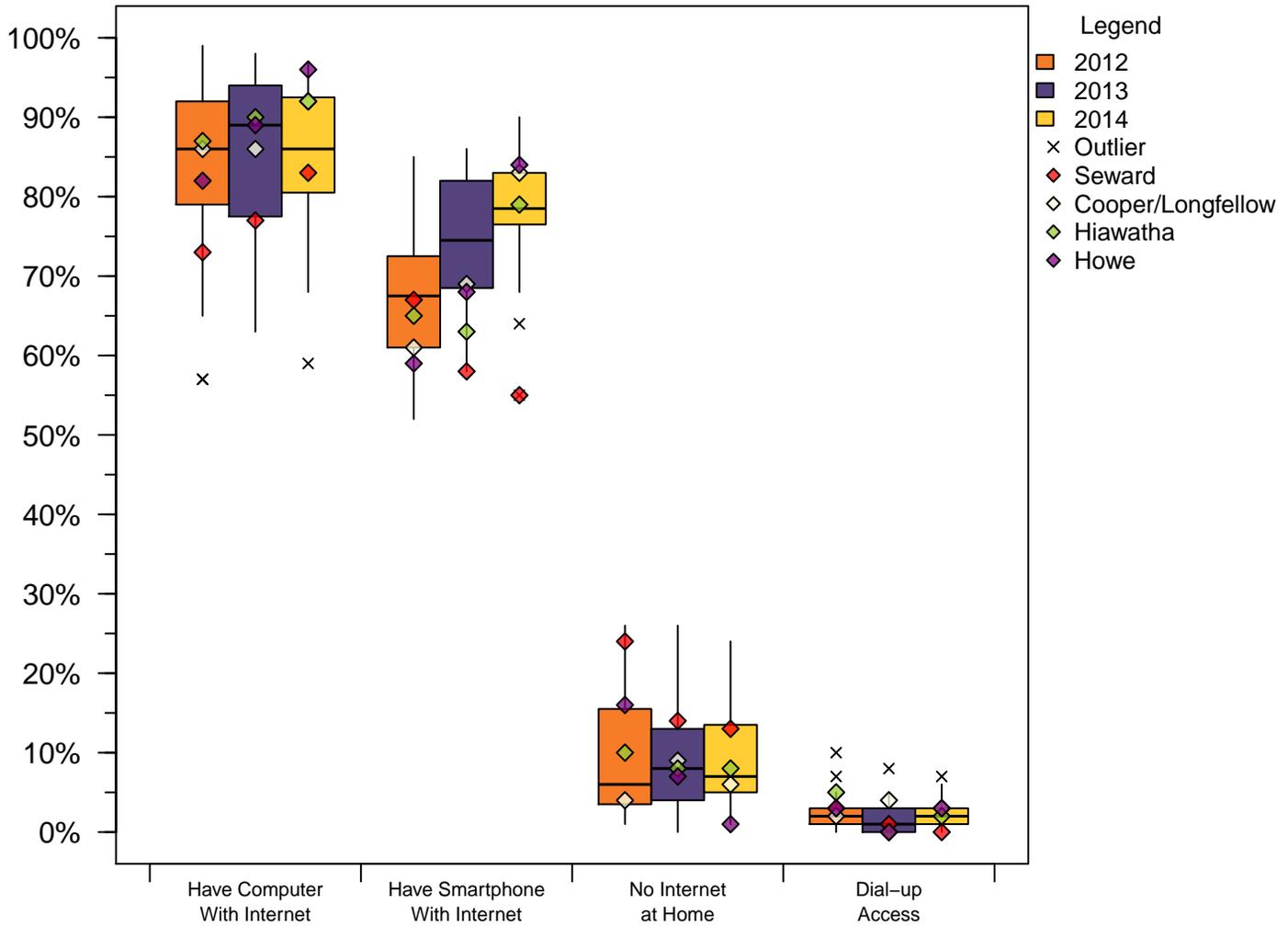
Resident Information Consumption

Longfellow Community



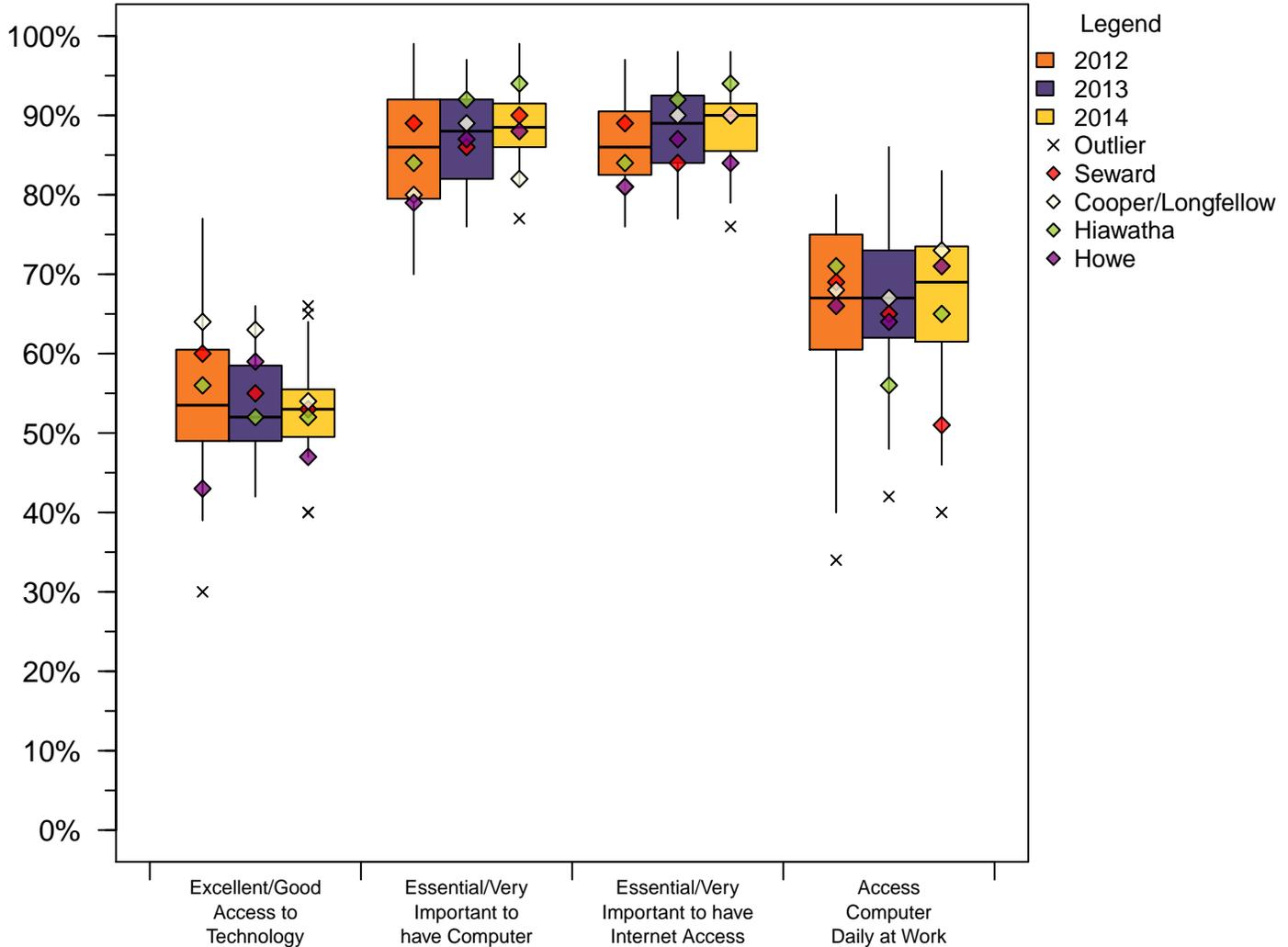
City Resident's Digital Tools

Longfellow Community



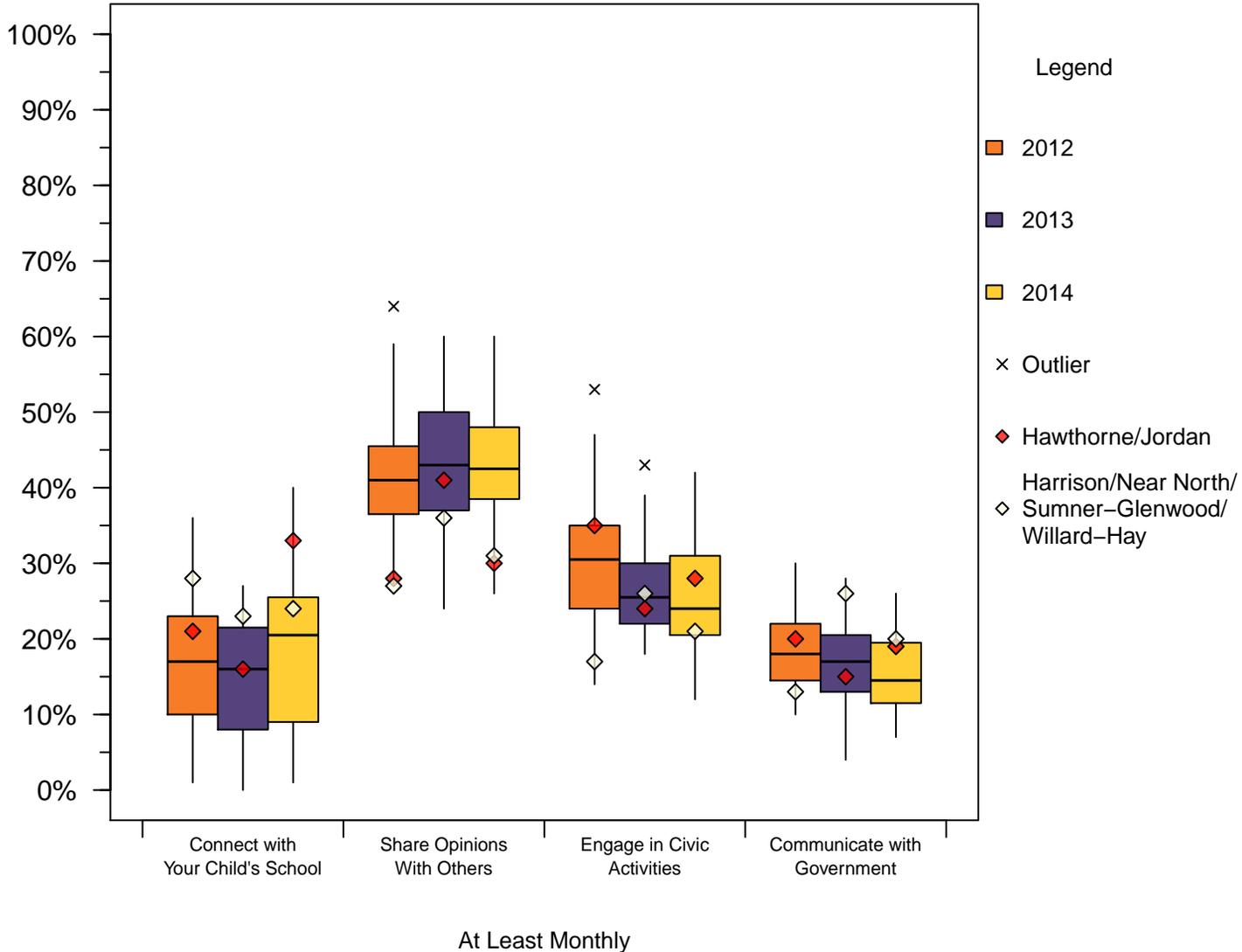
Resident View of Digital Society

Longfellow Community

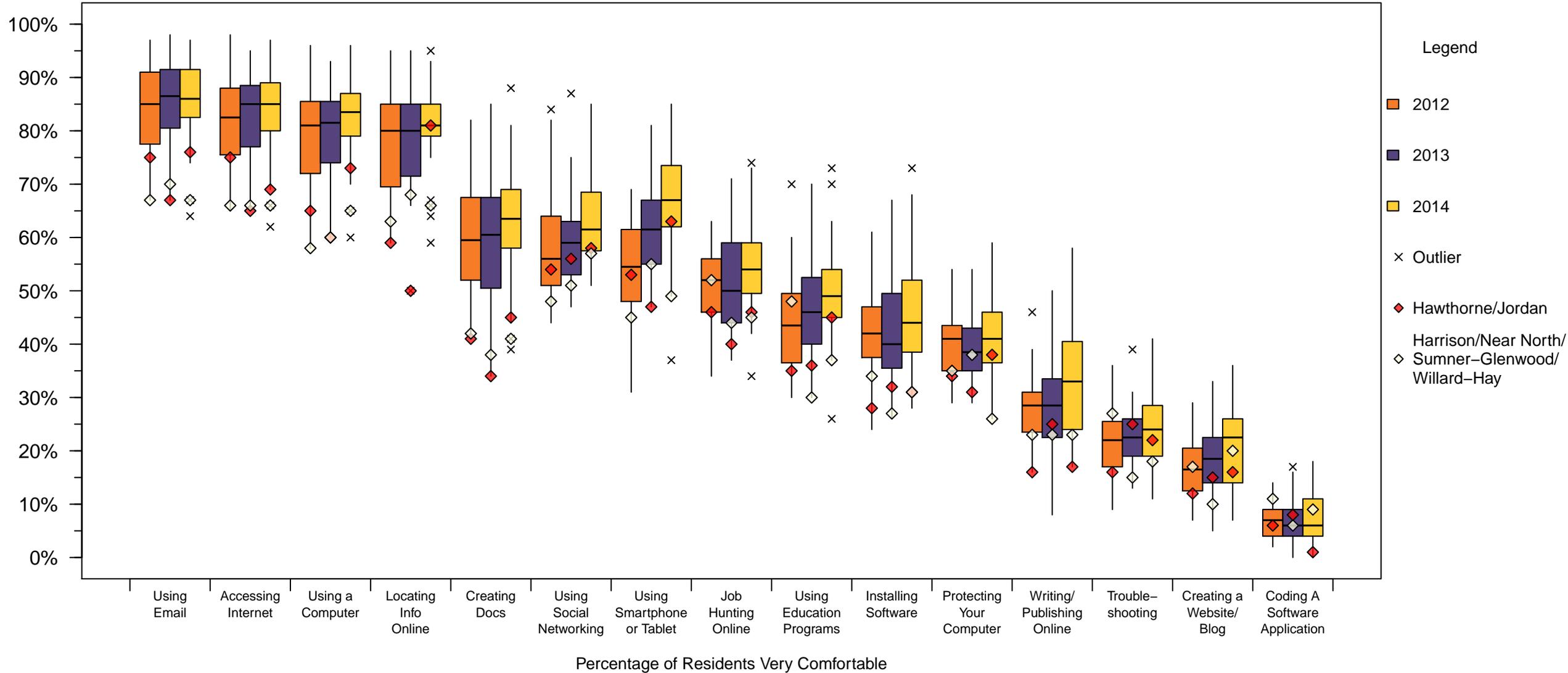


Resident Engagement via the Internet

Near North Community

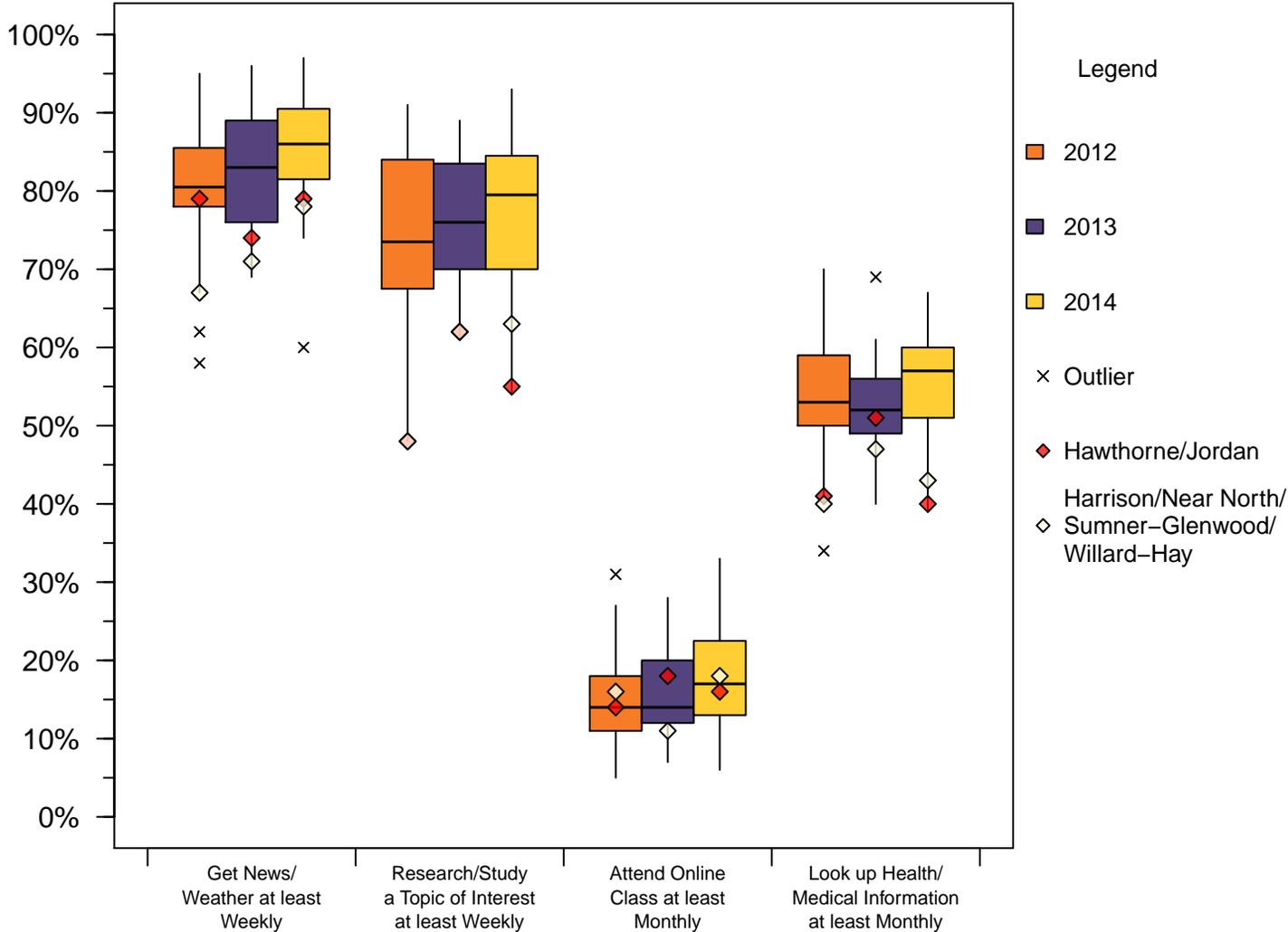


Level of Digital Literacy Near North Community



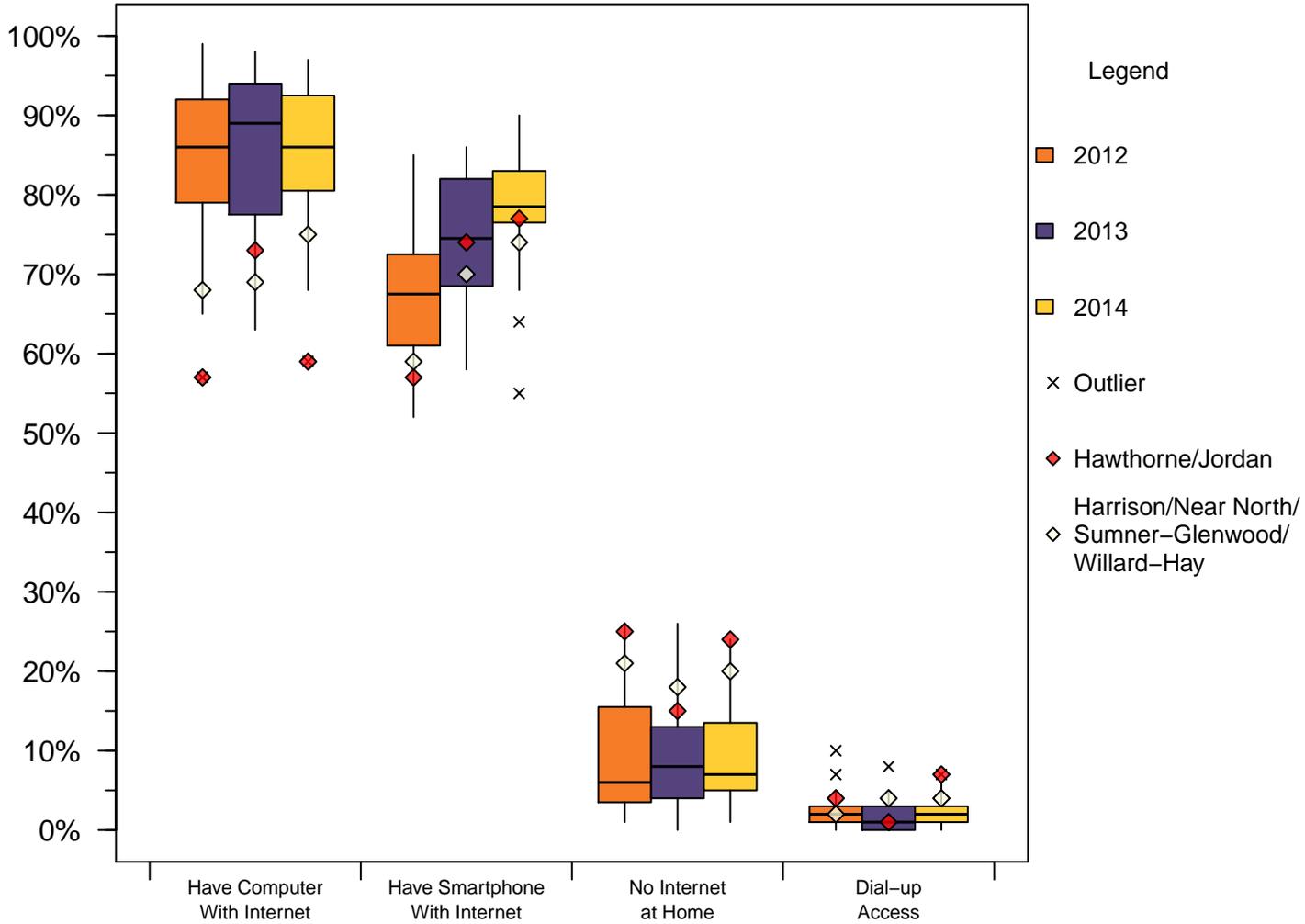
Resident Information Consumption

Near North Community



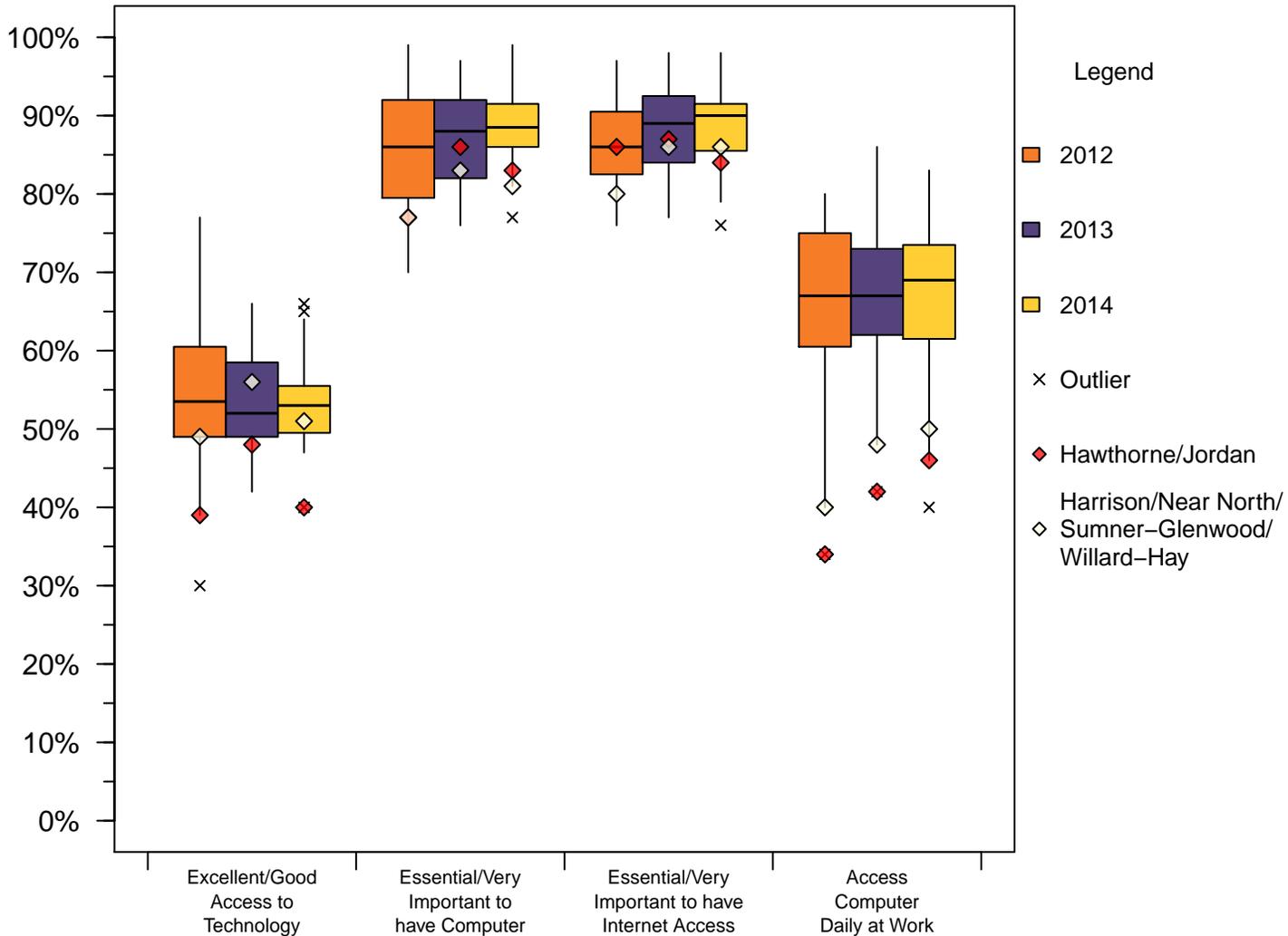
City Resident's Digital Tools

Near North Community



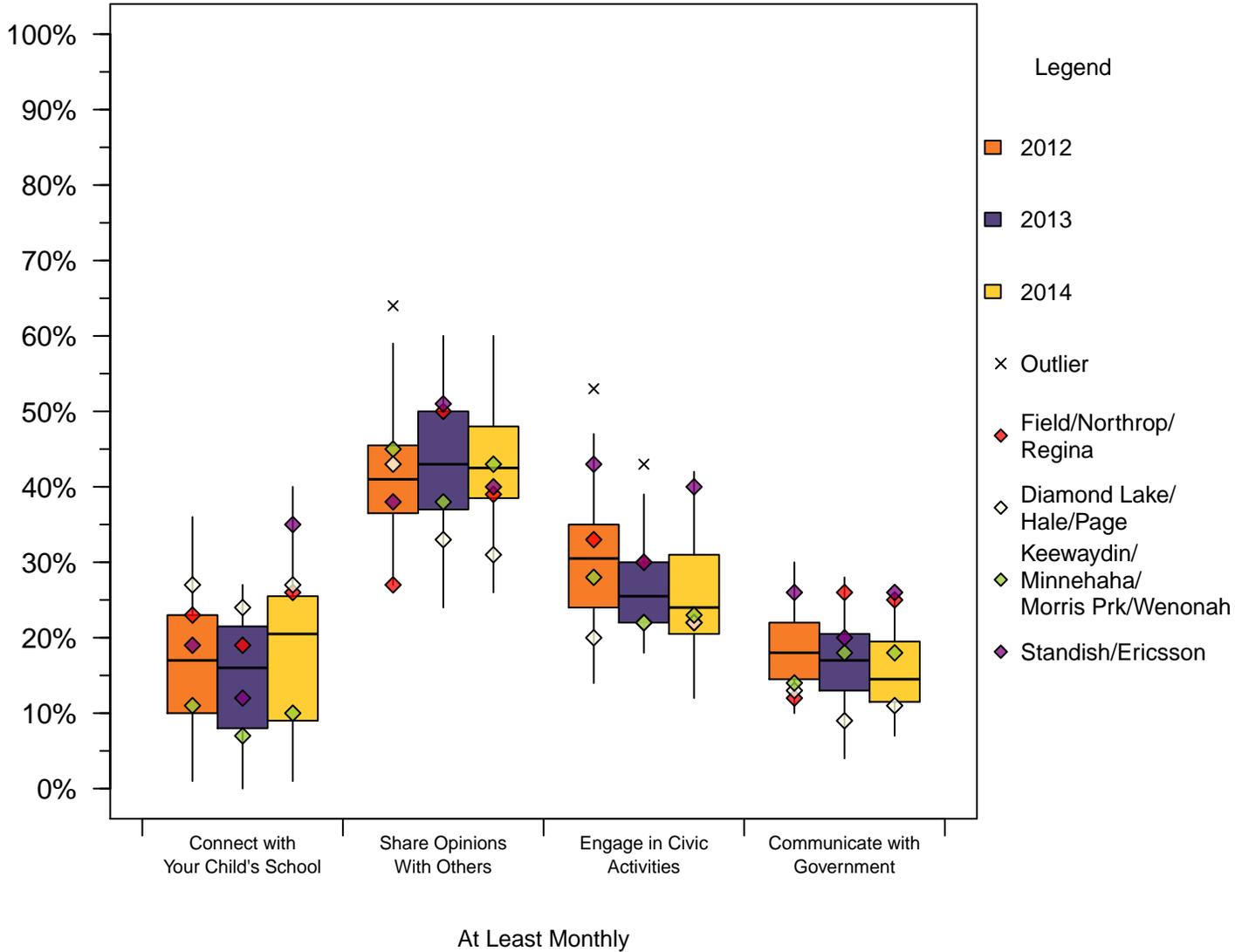
Resident View of Digital Society

Near North Community



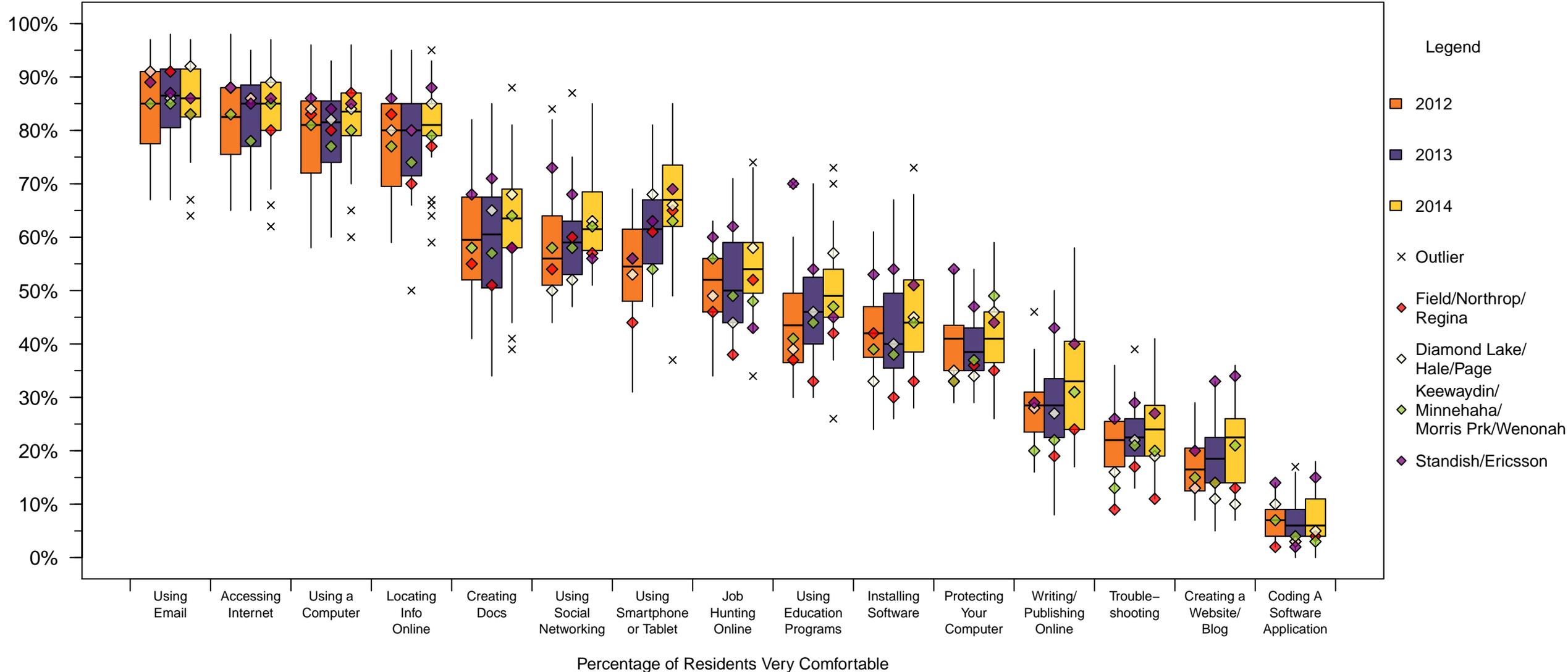
Resident Engagement via the Internet

Nokomis Community



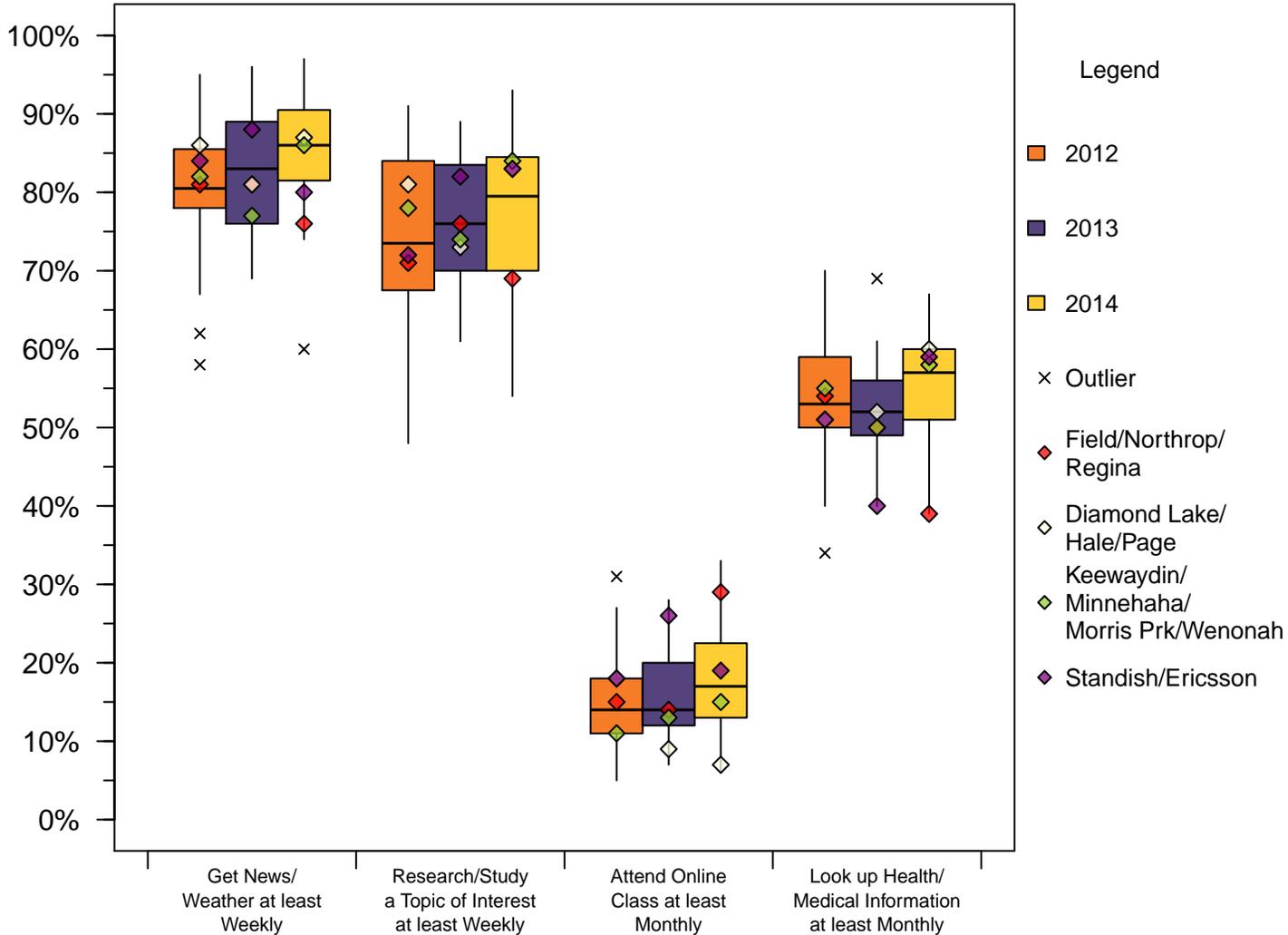
Level of Digital Literacy

Nokomis Community



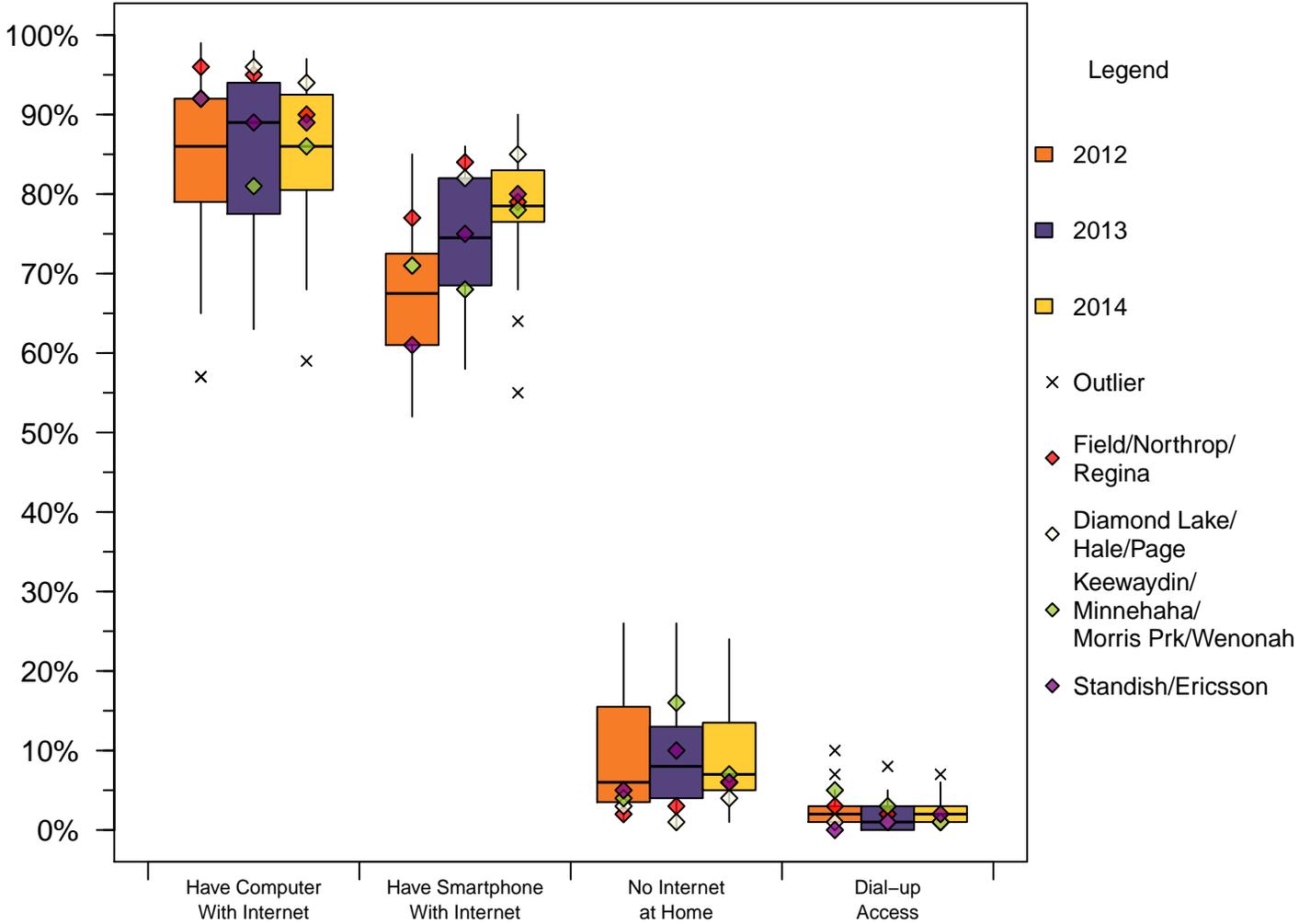
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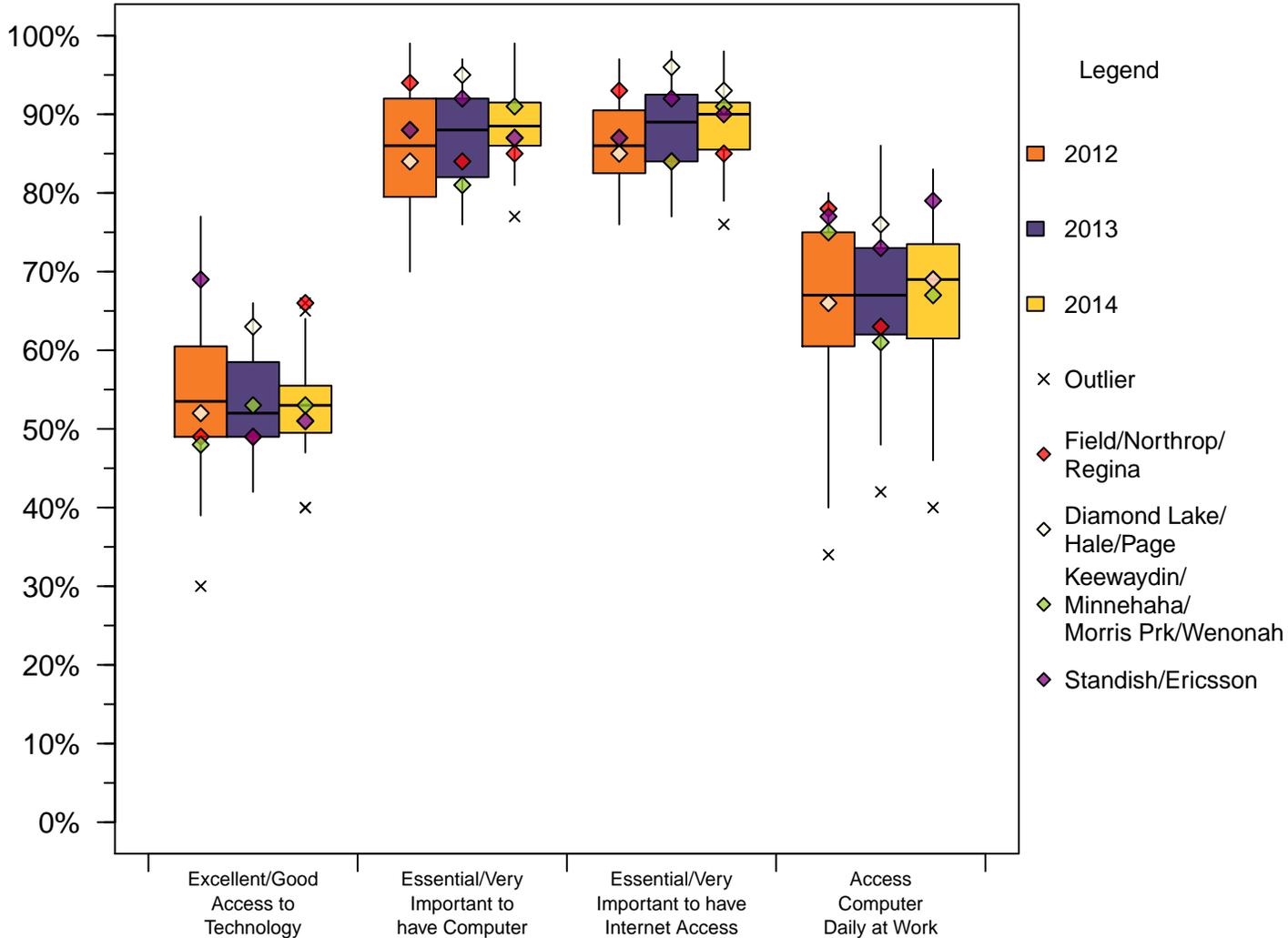
City Resident's Digital Tools

Nokomis Community



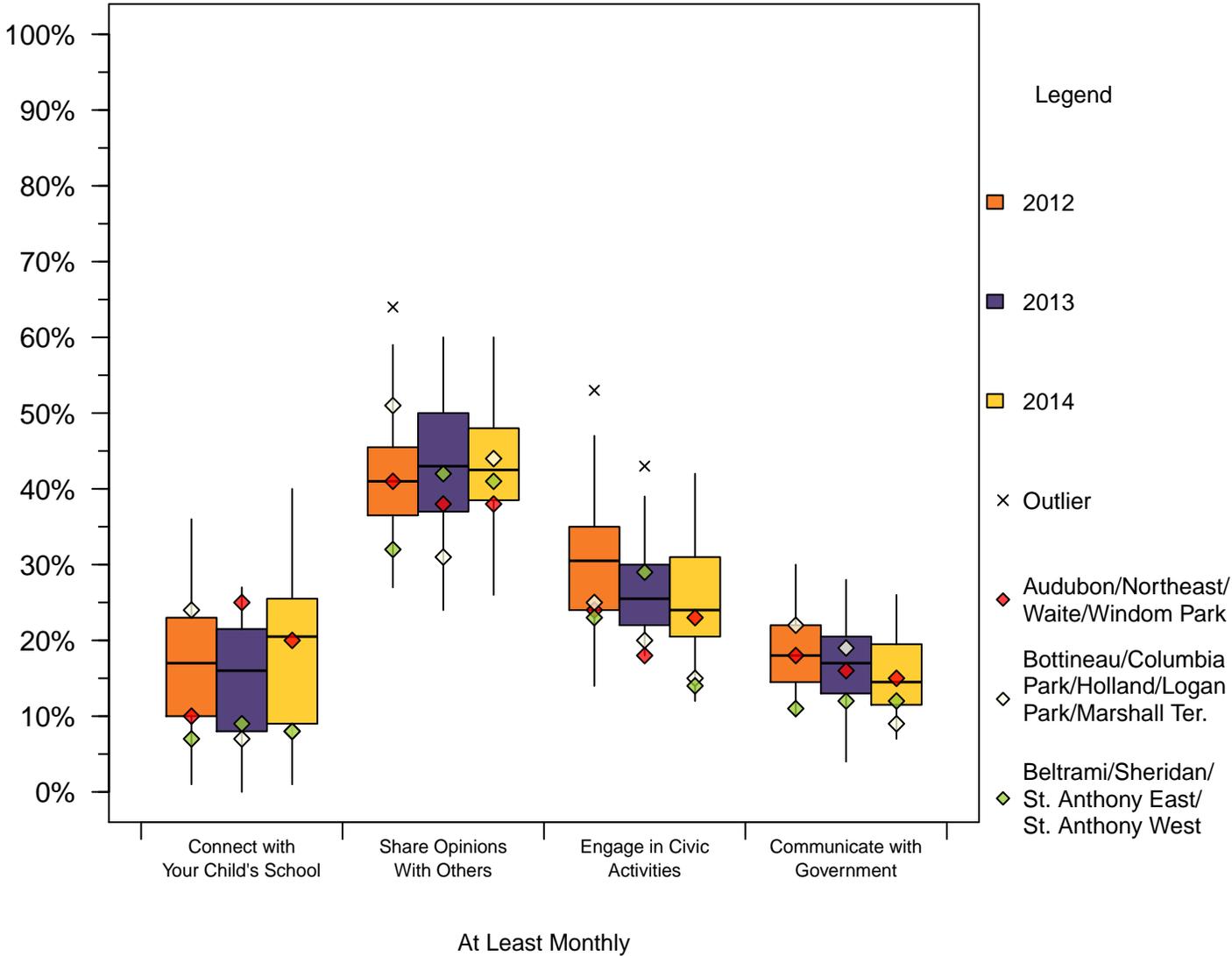
Resident View of Digital Society

Nokomis Community



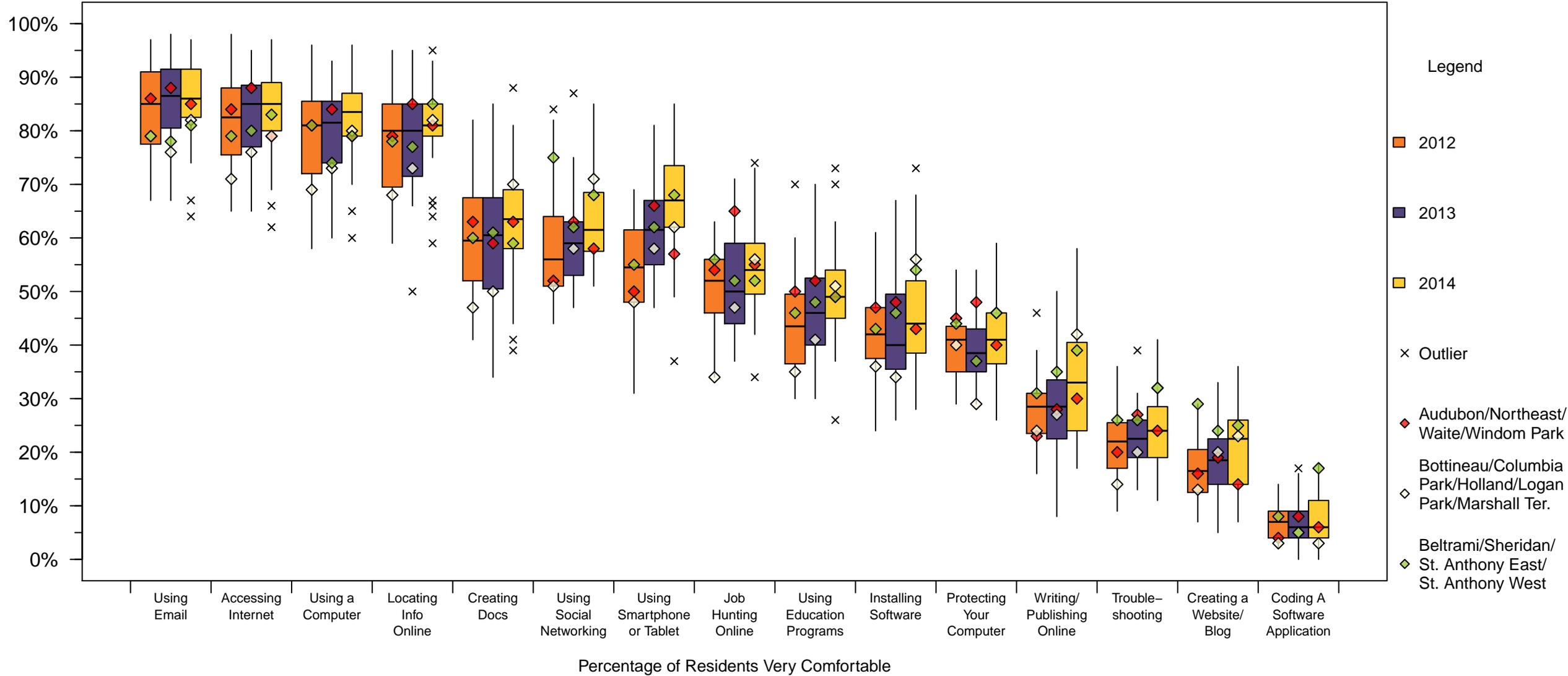
Resident Engagement via the Internet

Northeast Community



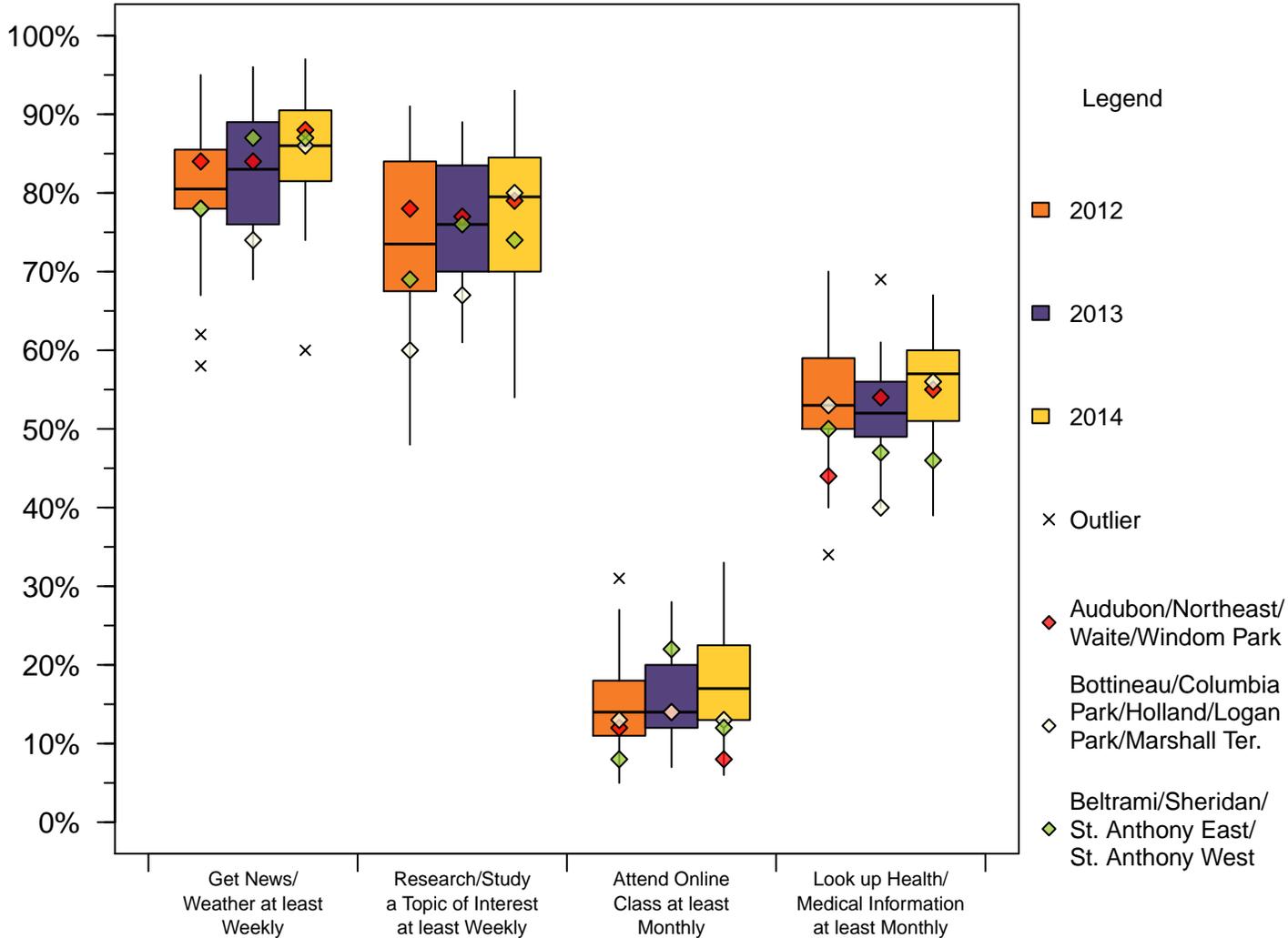
Level of Digital Literacy

Northeast Community



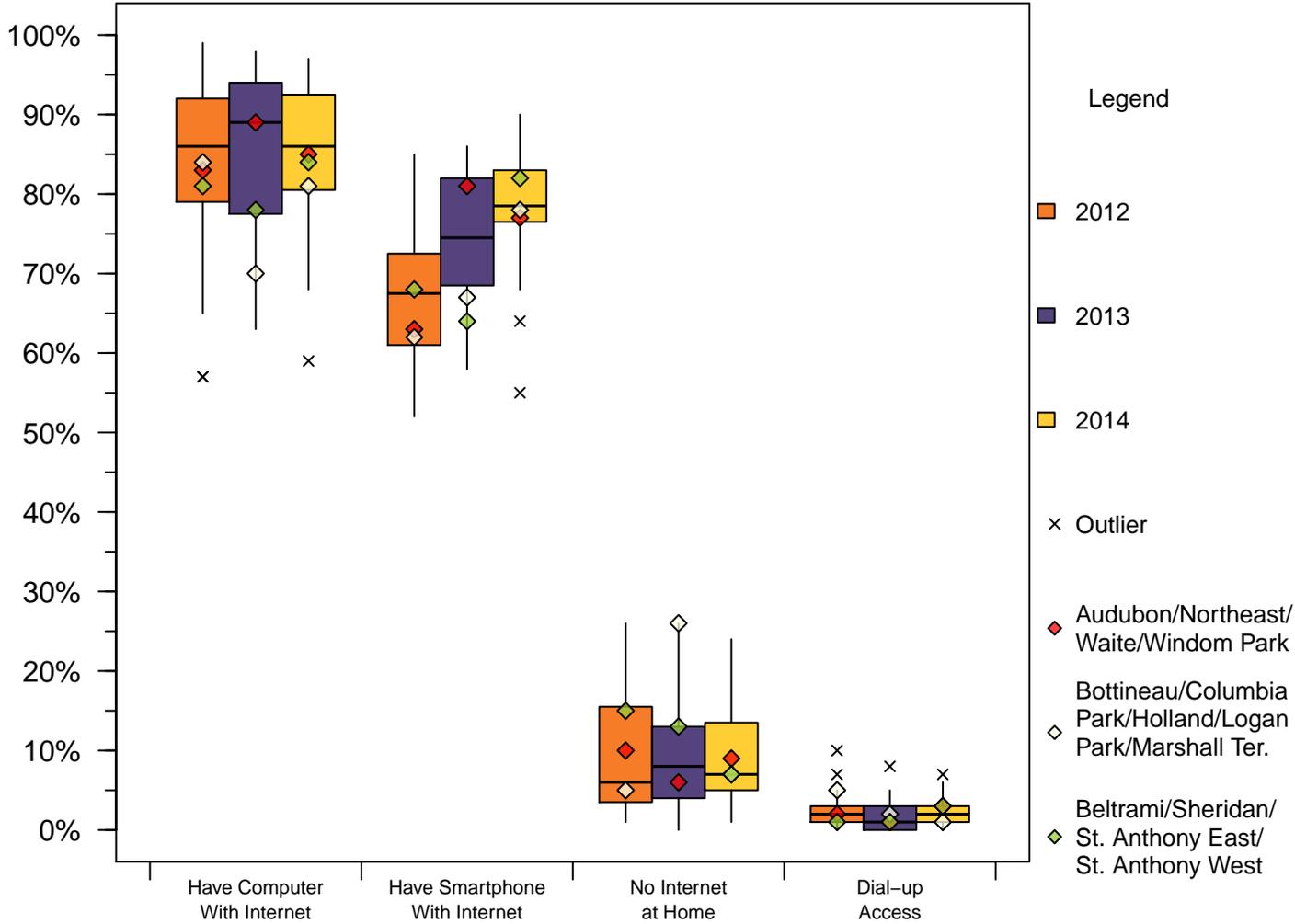
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Northeast Community



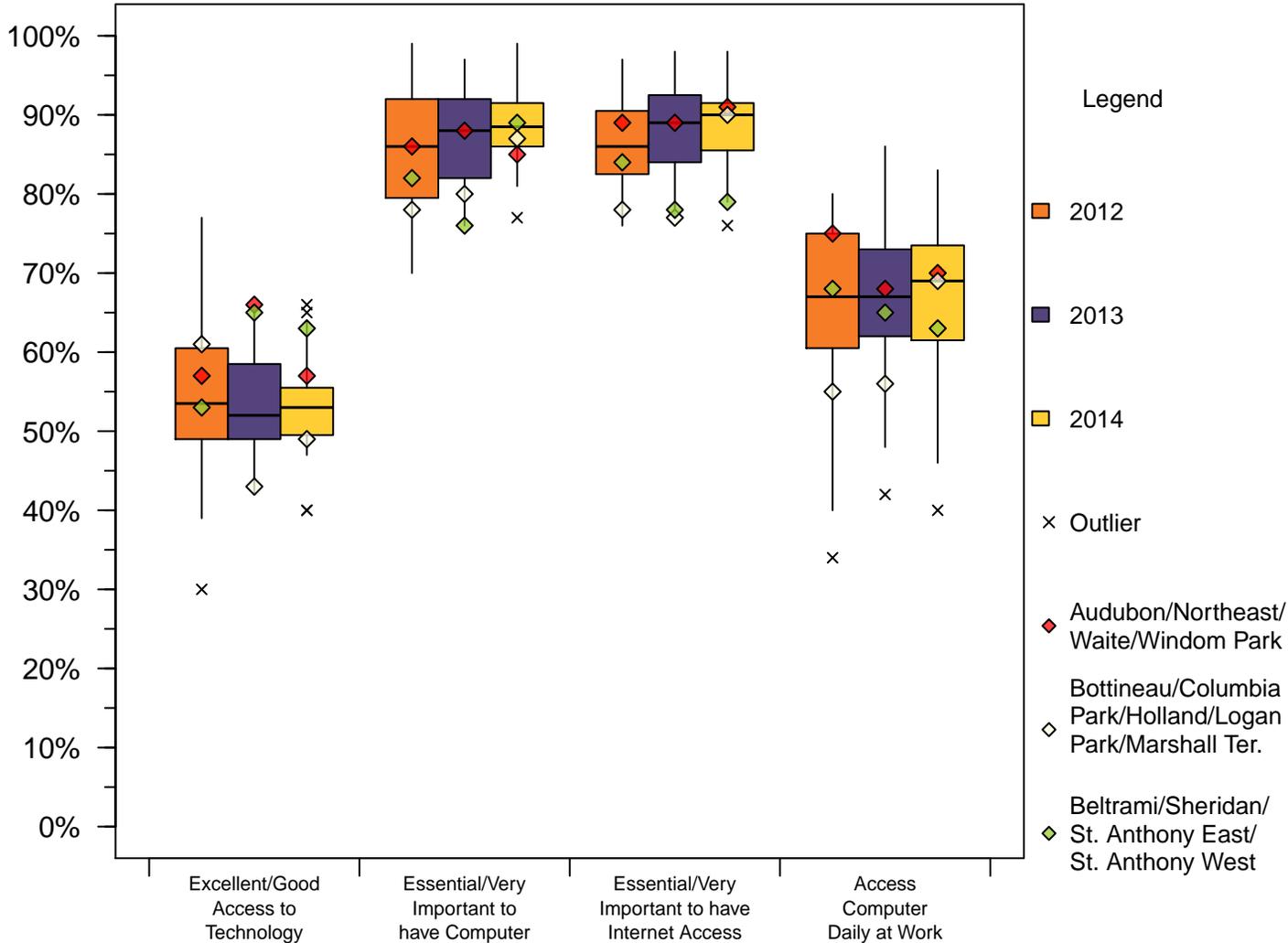
City Resident's Digital Tools

Northeast Community



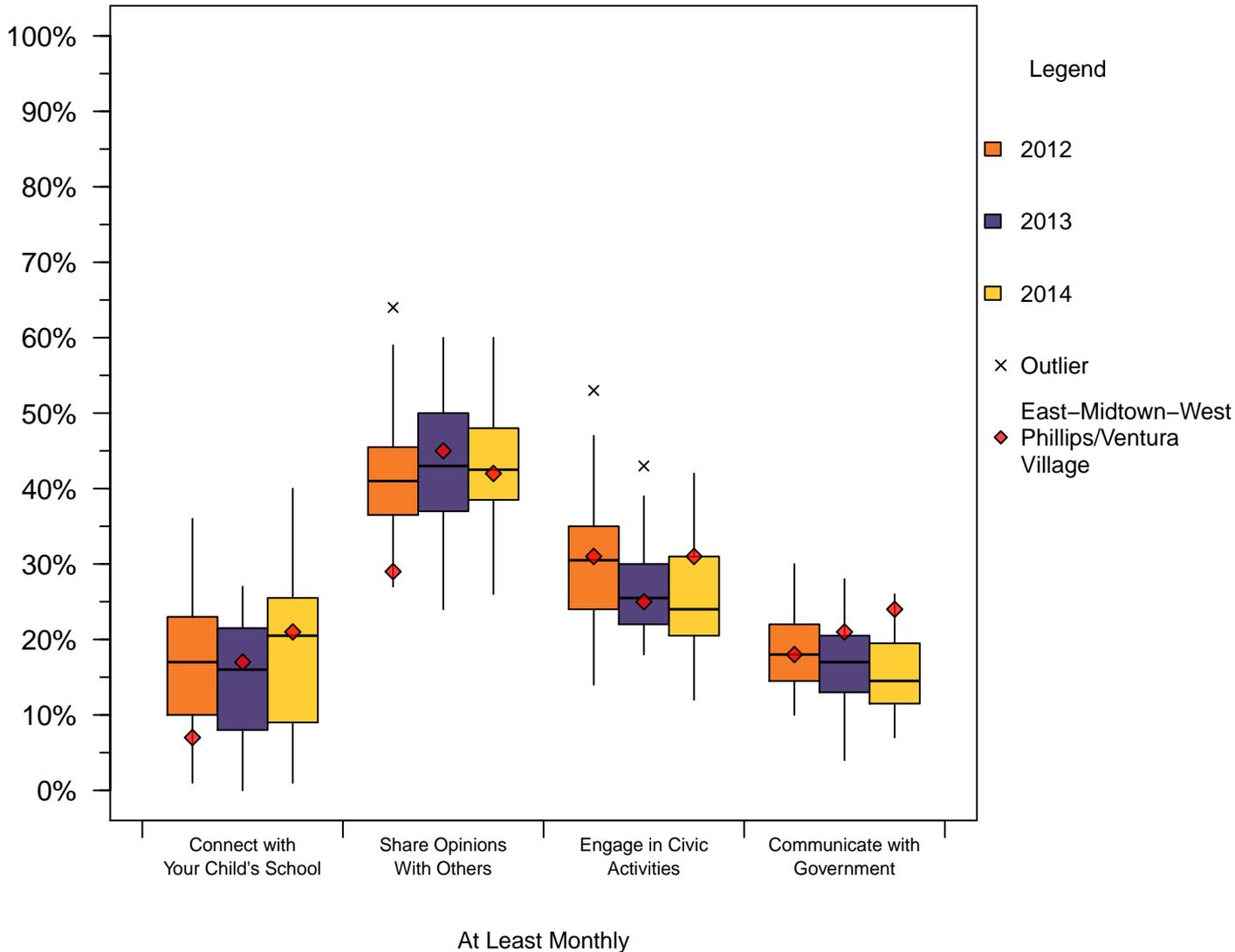
Resident View of Digital Society

Northeast Community



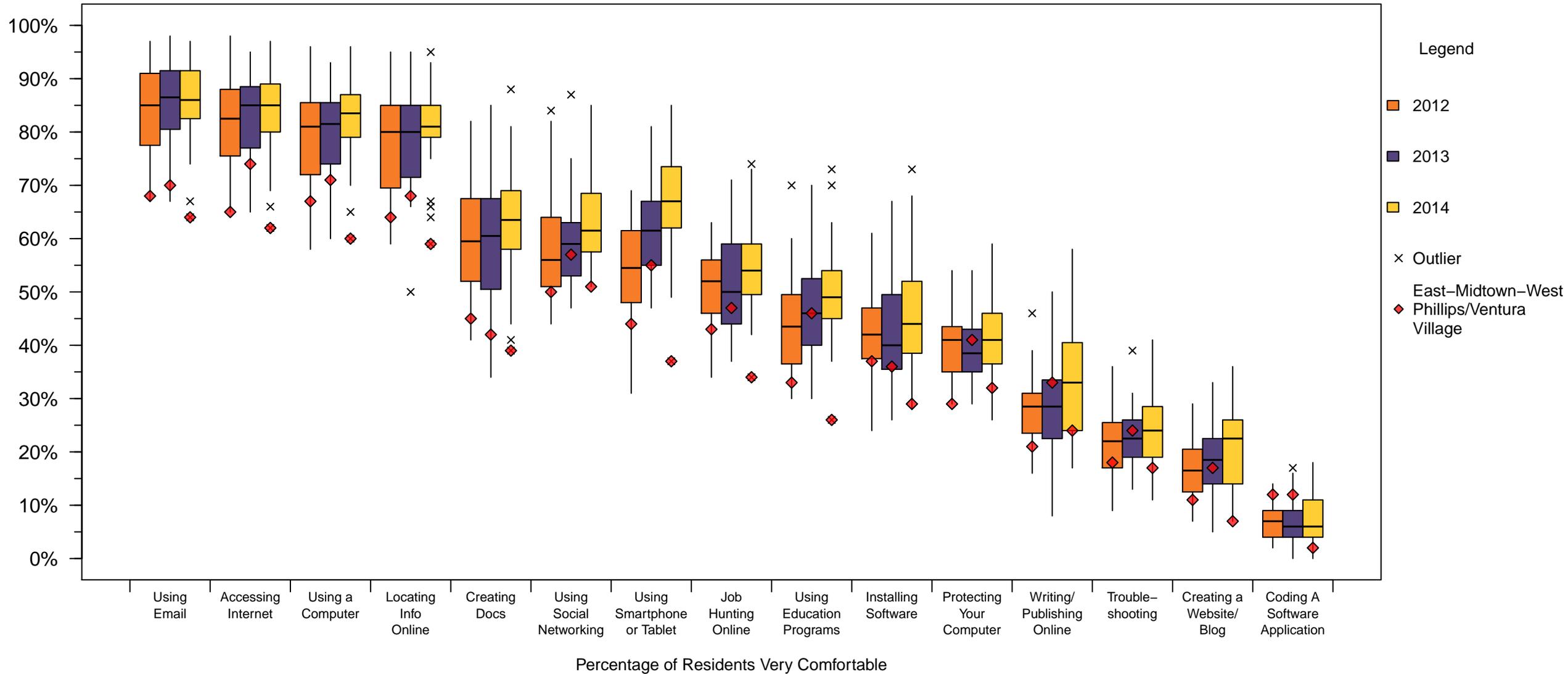
Resident Engagement via the Internet

Phillips Community



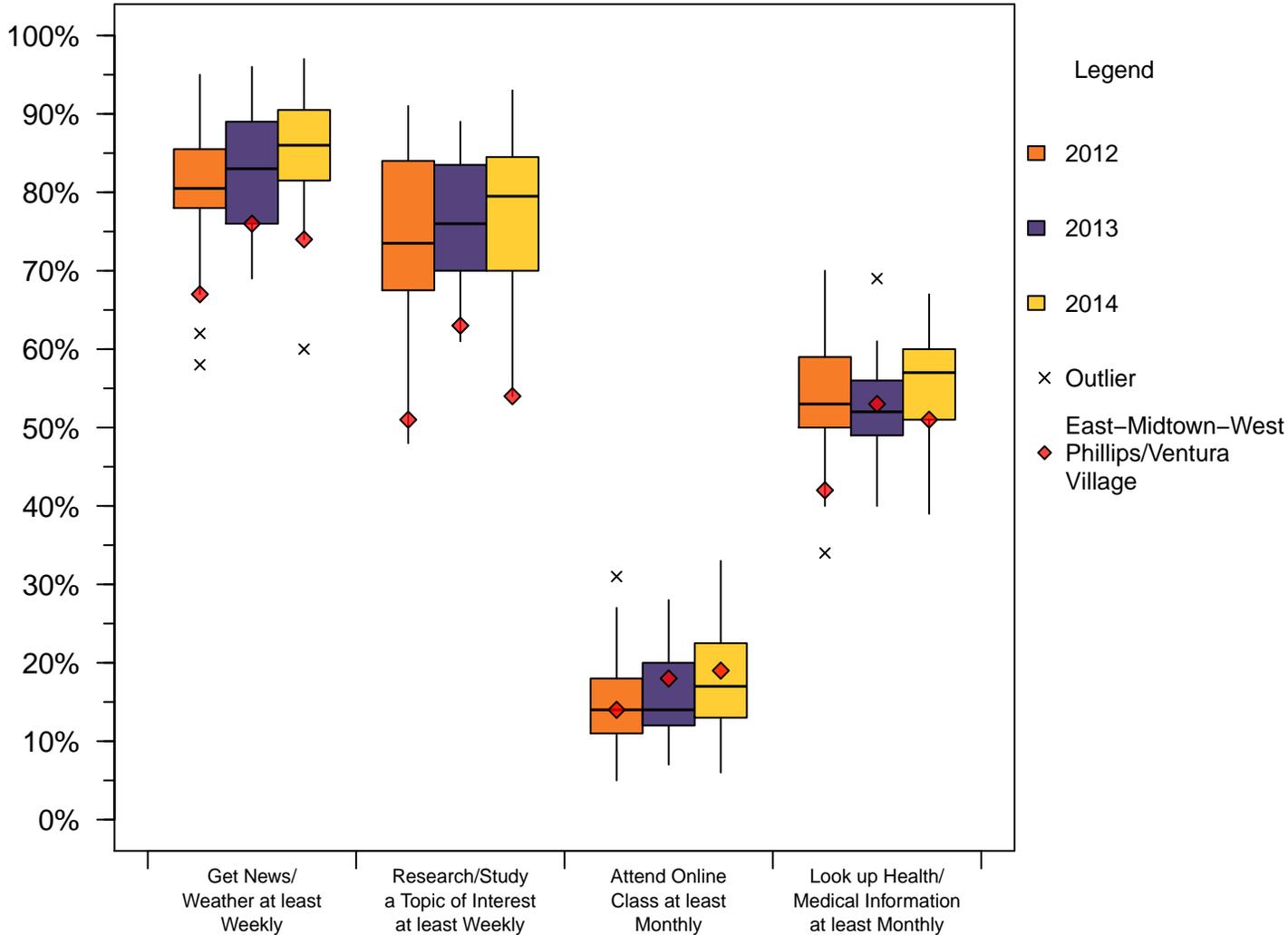
Level of Digital Literacy

Phillips Community



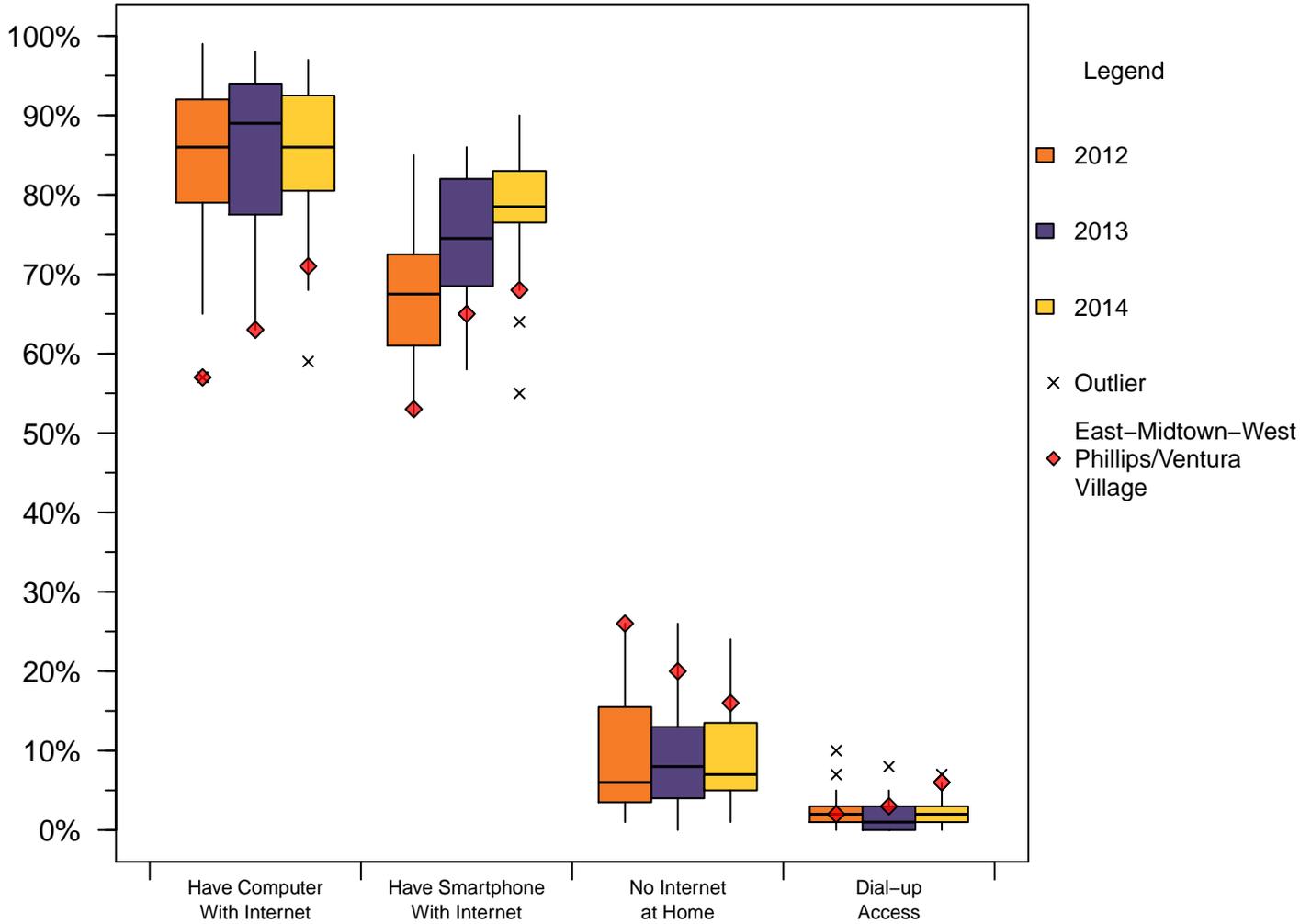
Resident Information Consumption

Phillips Community



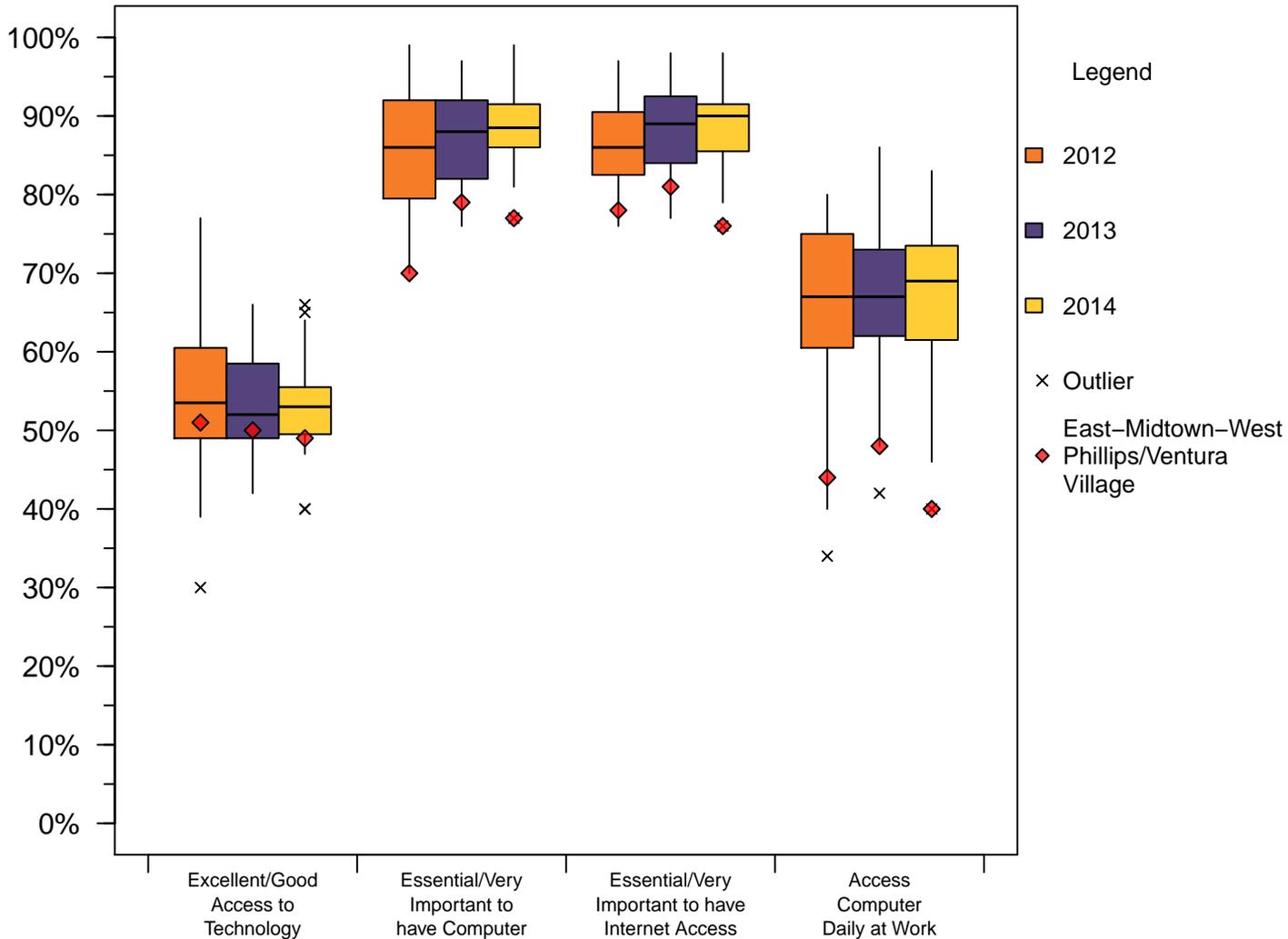
City Resident's Digital Tools

Phillips Community



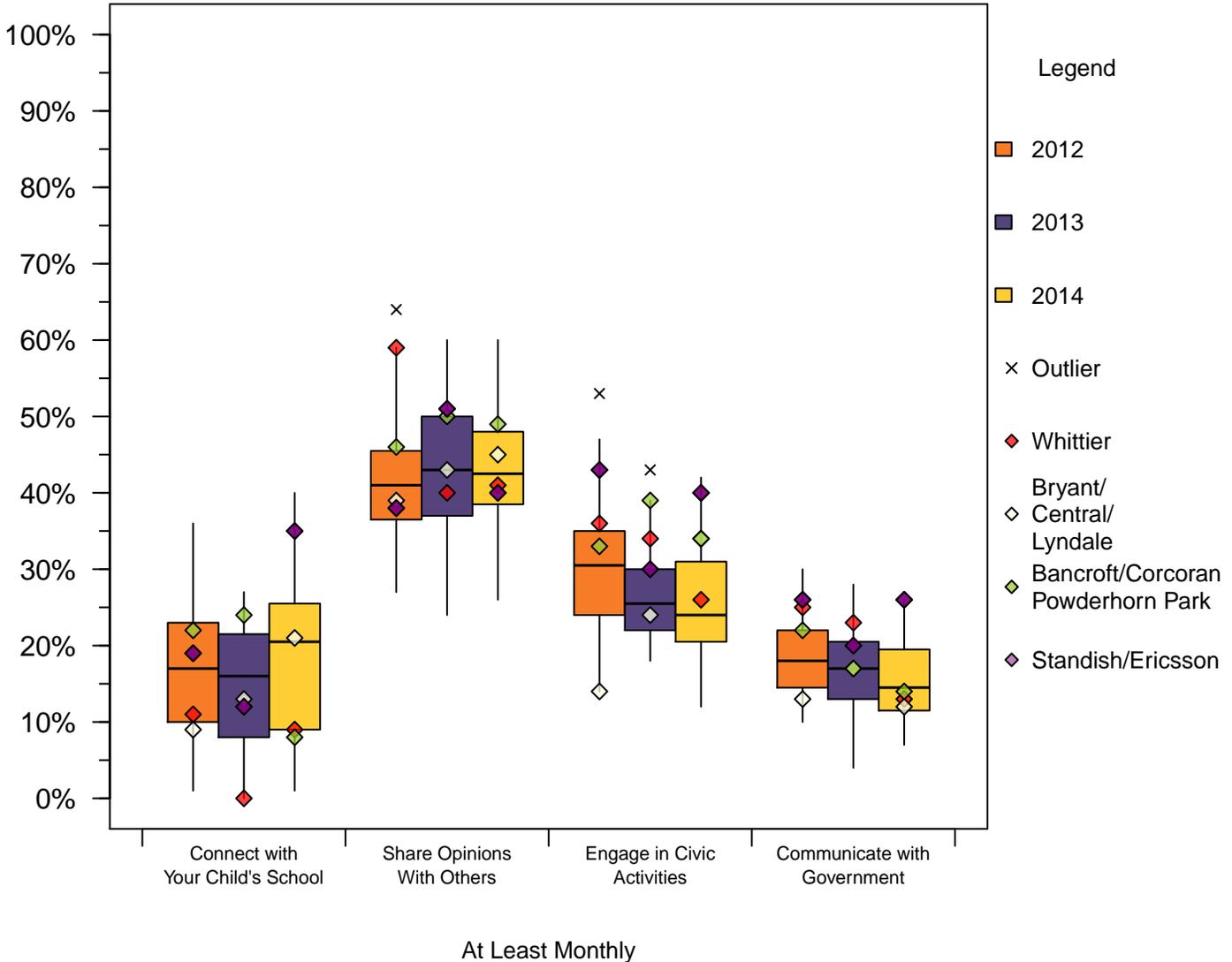
Resident View of Digital Society

Phillips Community

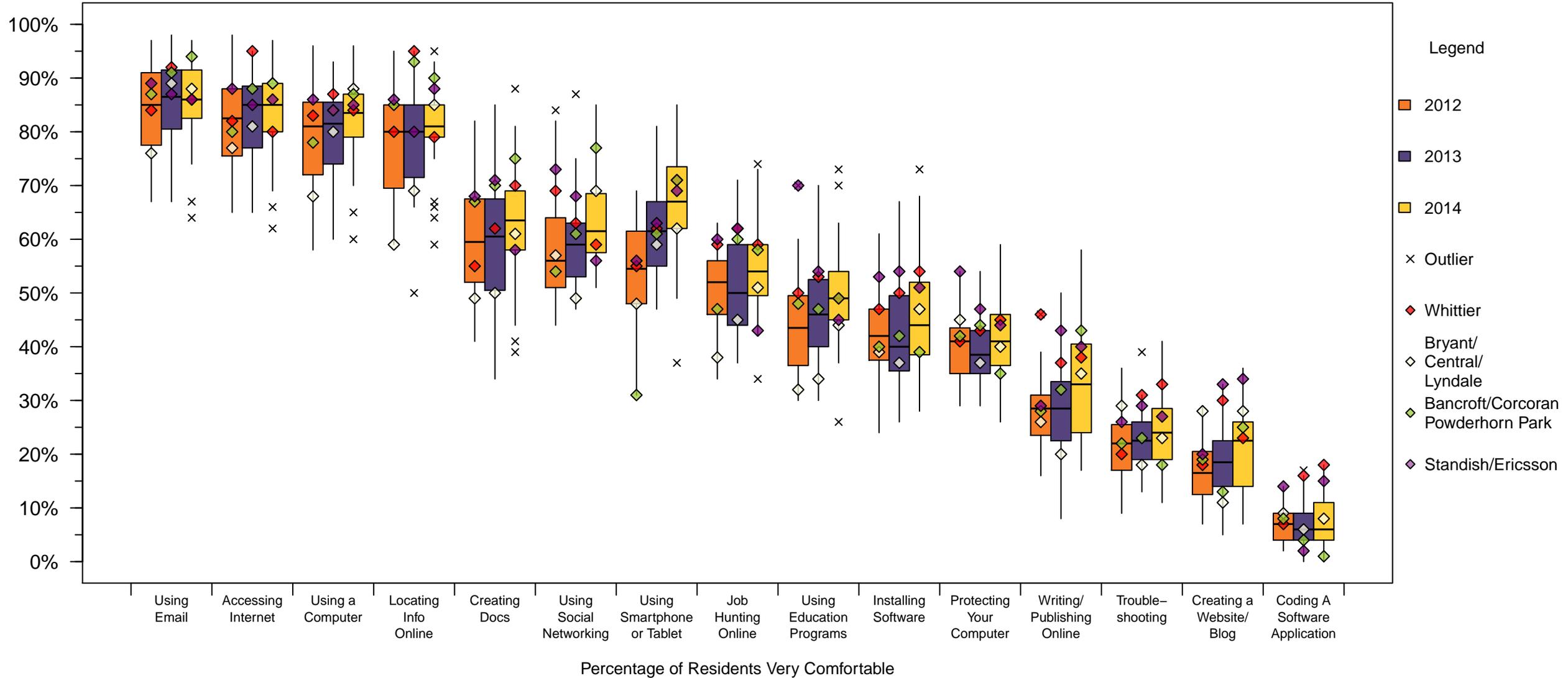


Resident Engagement via the Internet

Powderhorn Community

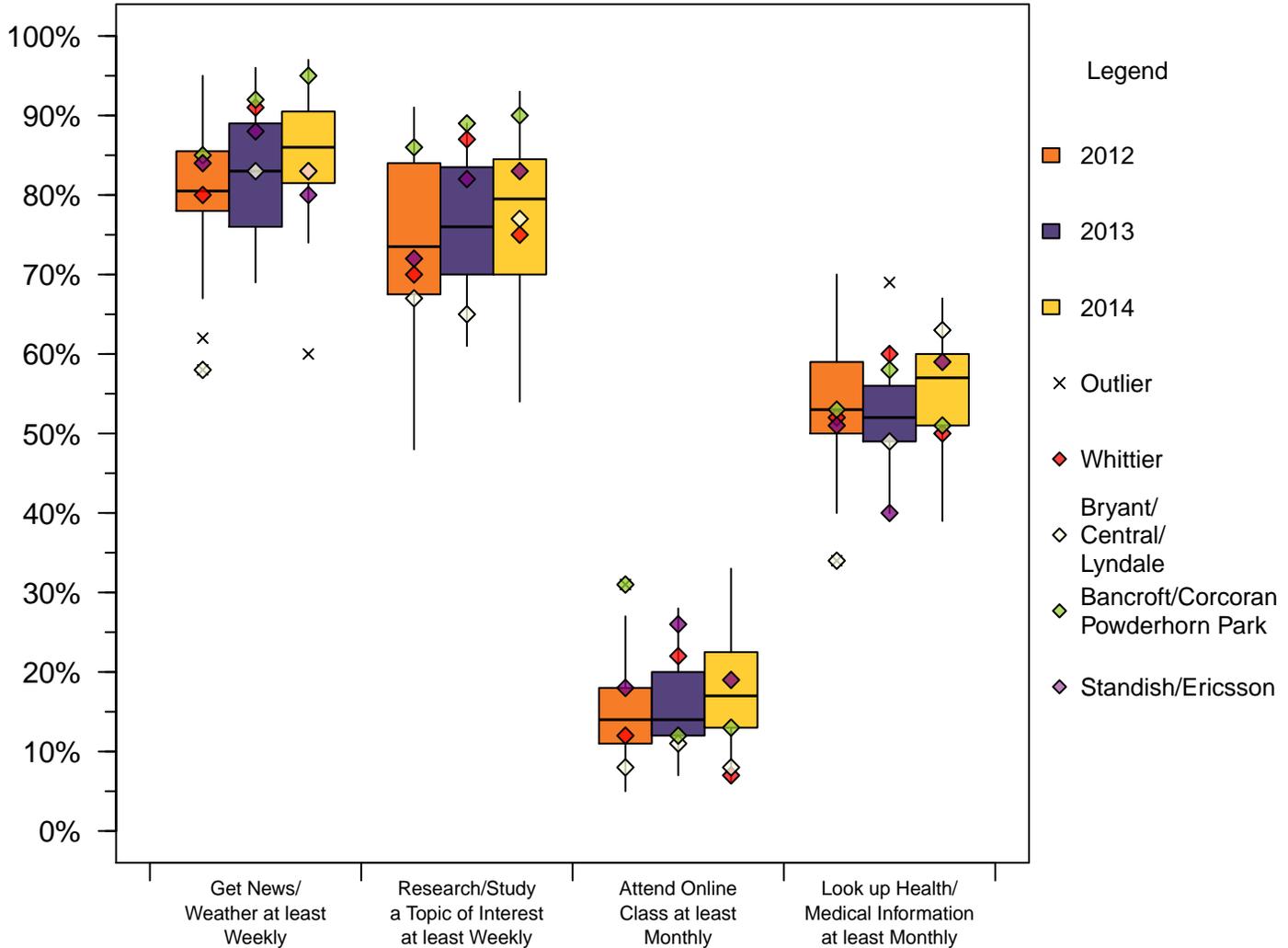


Level of Digital Literacy Powderhorn Community



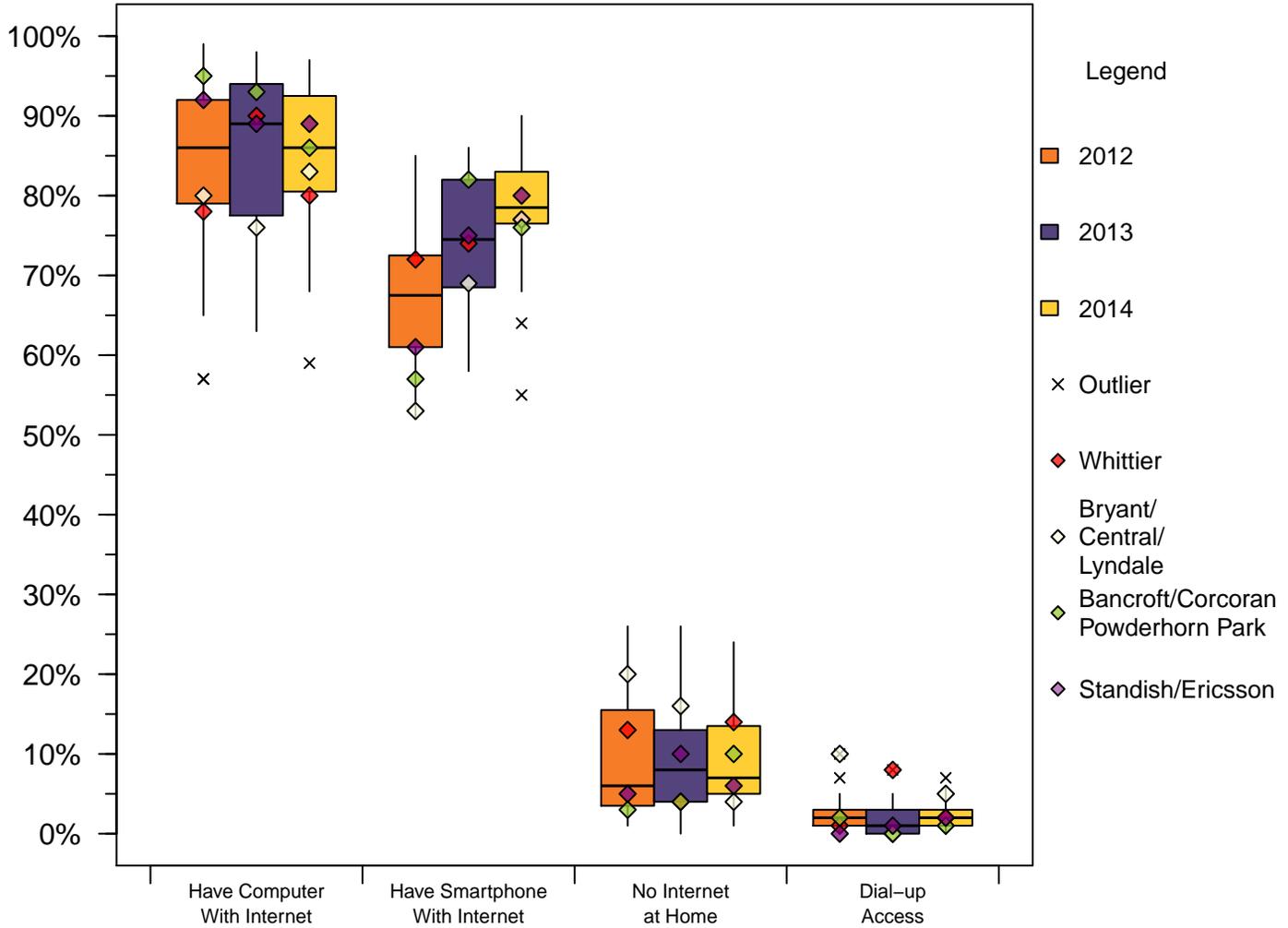
Resident Information Consumption

Powderhorn Community



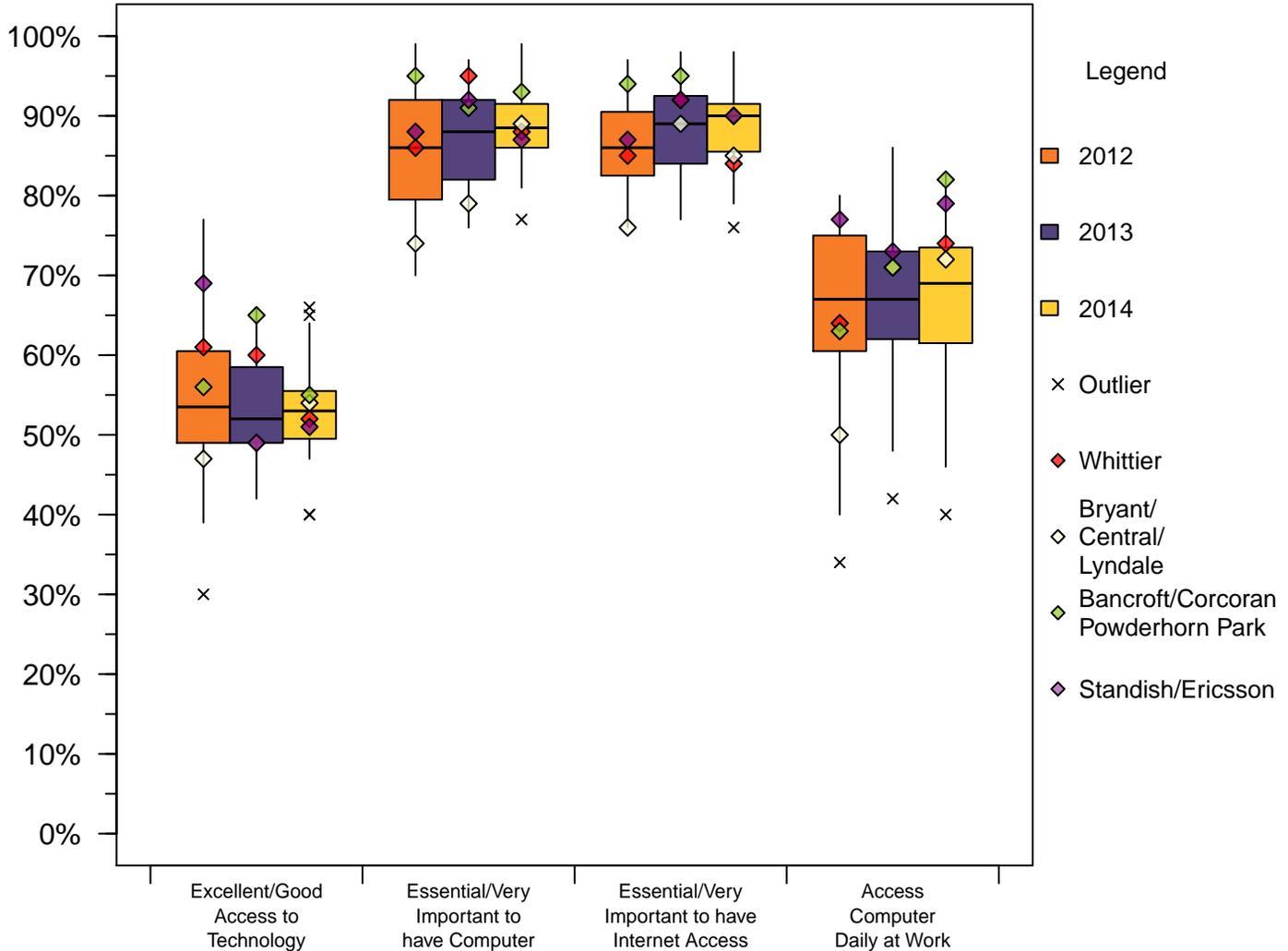
City Resident's Digital Tools

Powderhorn Community



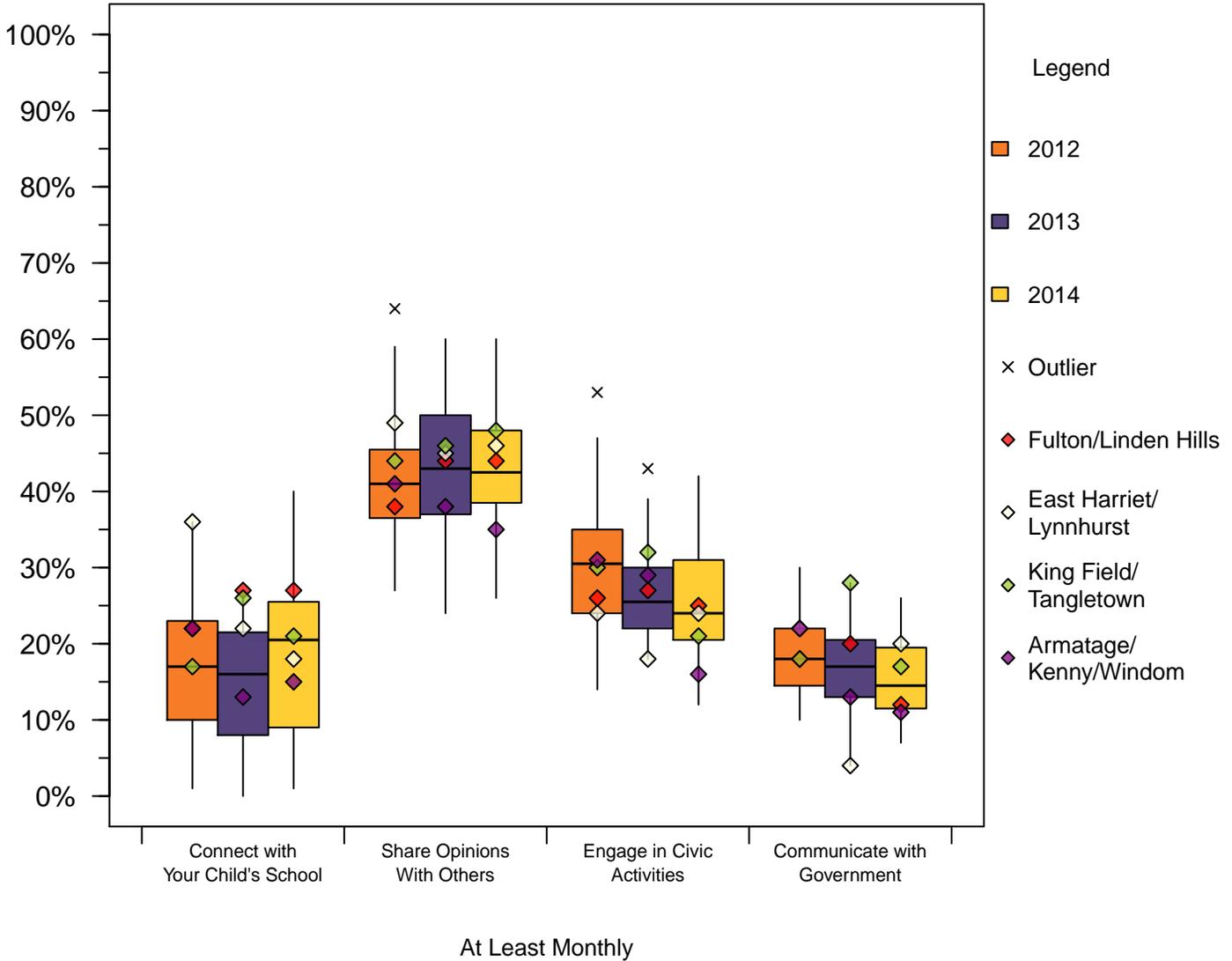
Resident View of Digital Society

Powderhorn Community



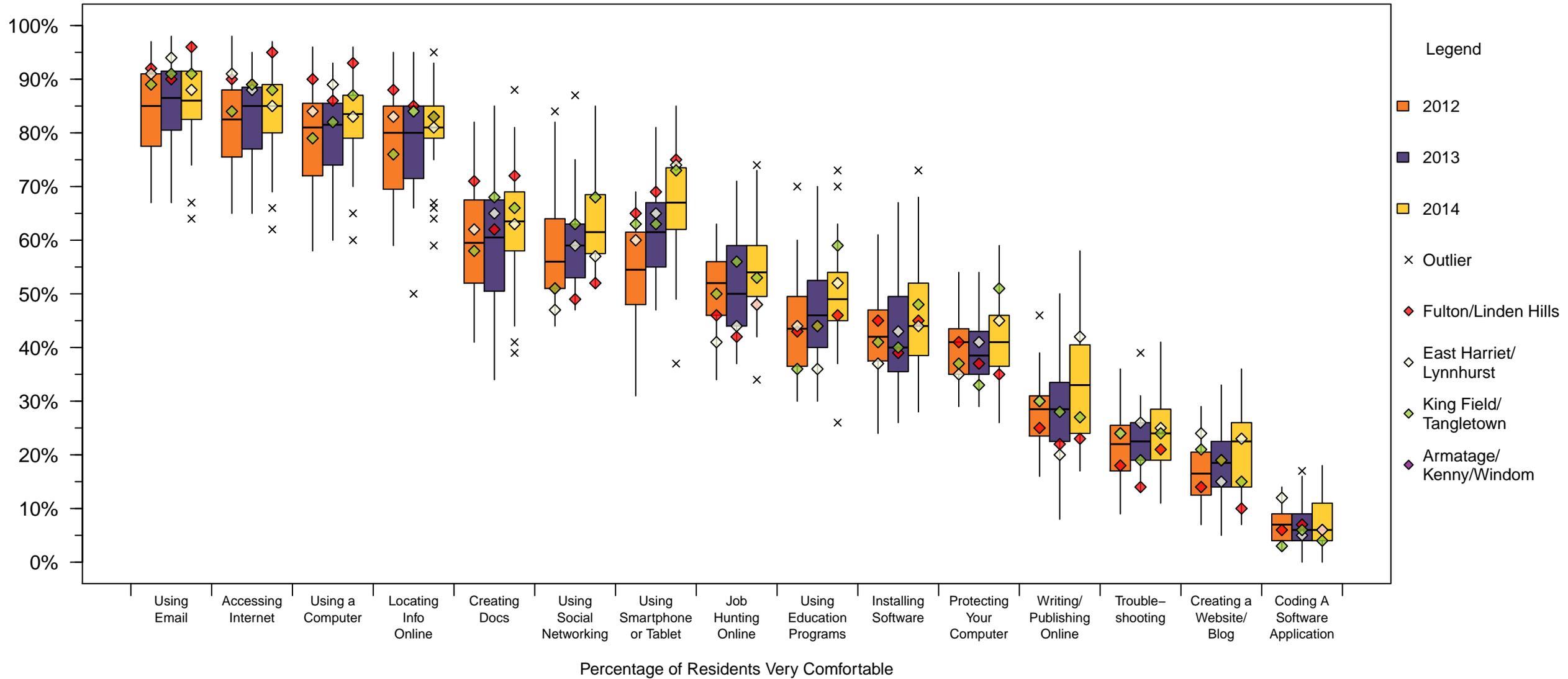
Resident Engagement via the Internet

Southwest Community



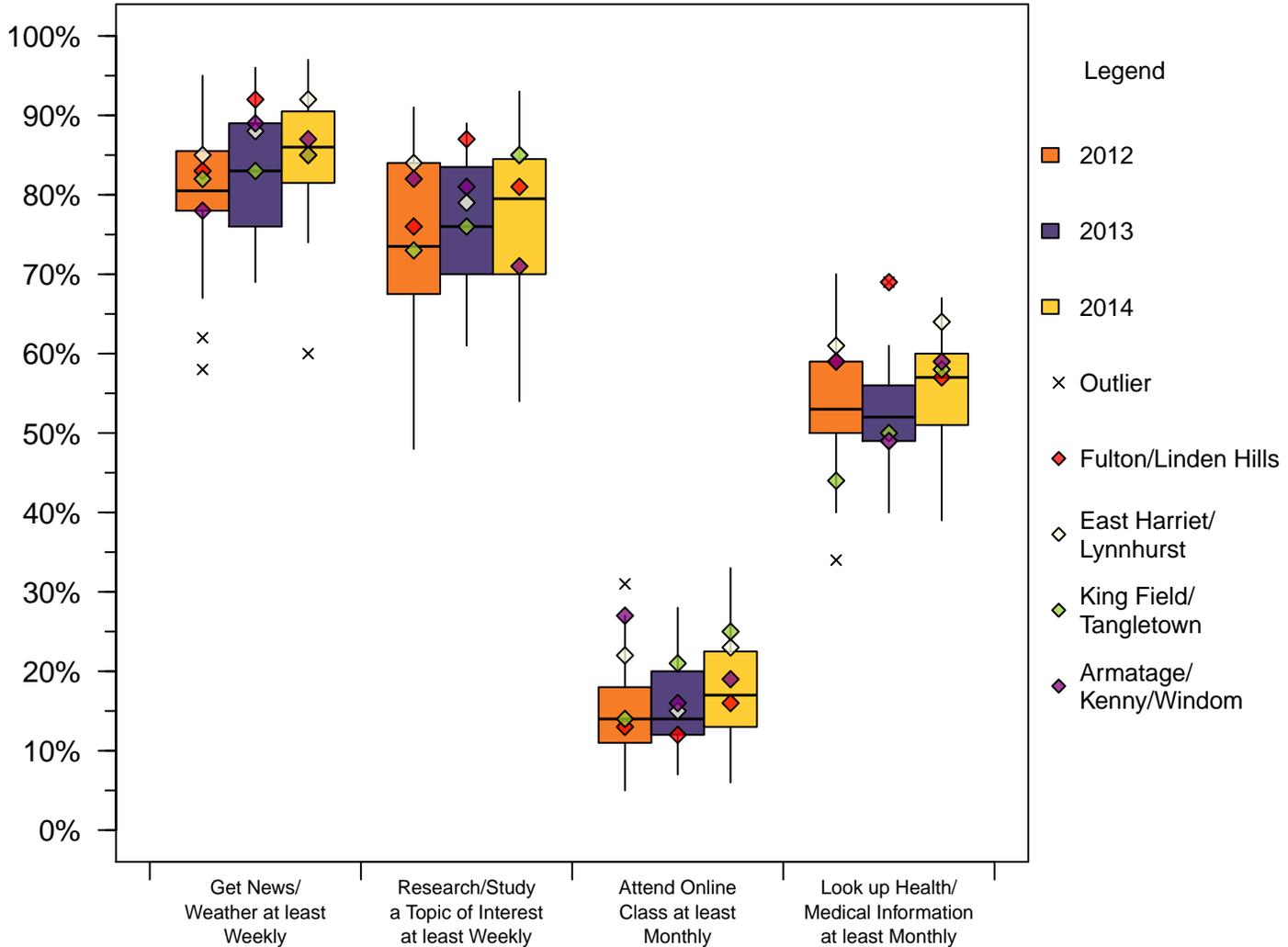
Level of Digital Literacy

Southwest Community



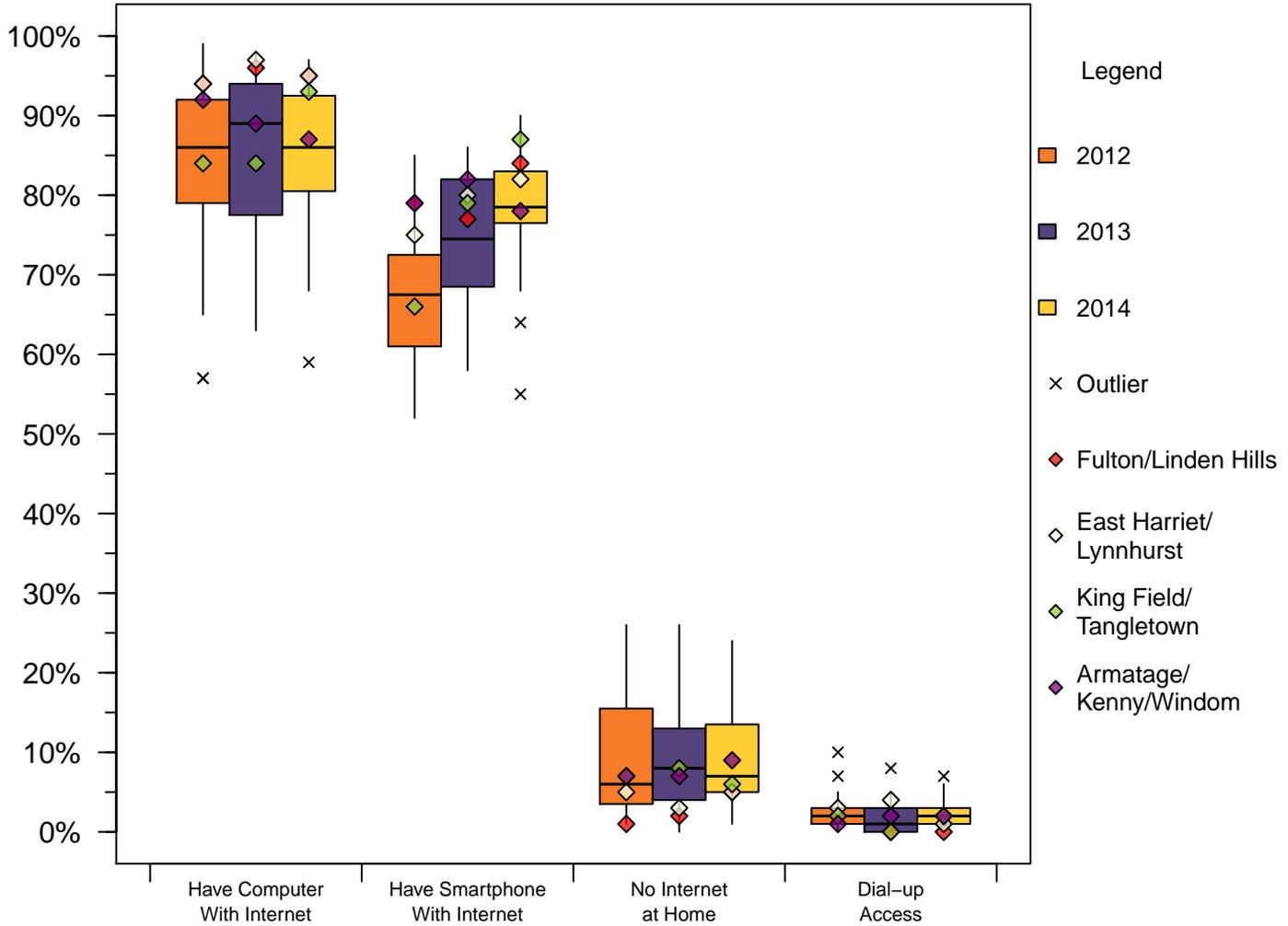
Resident Information Consumption

Southwest Community



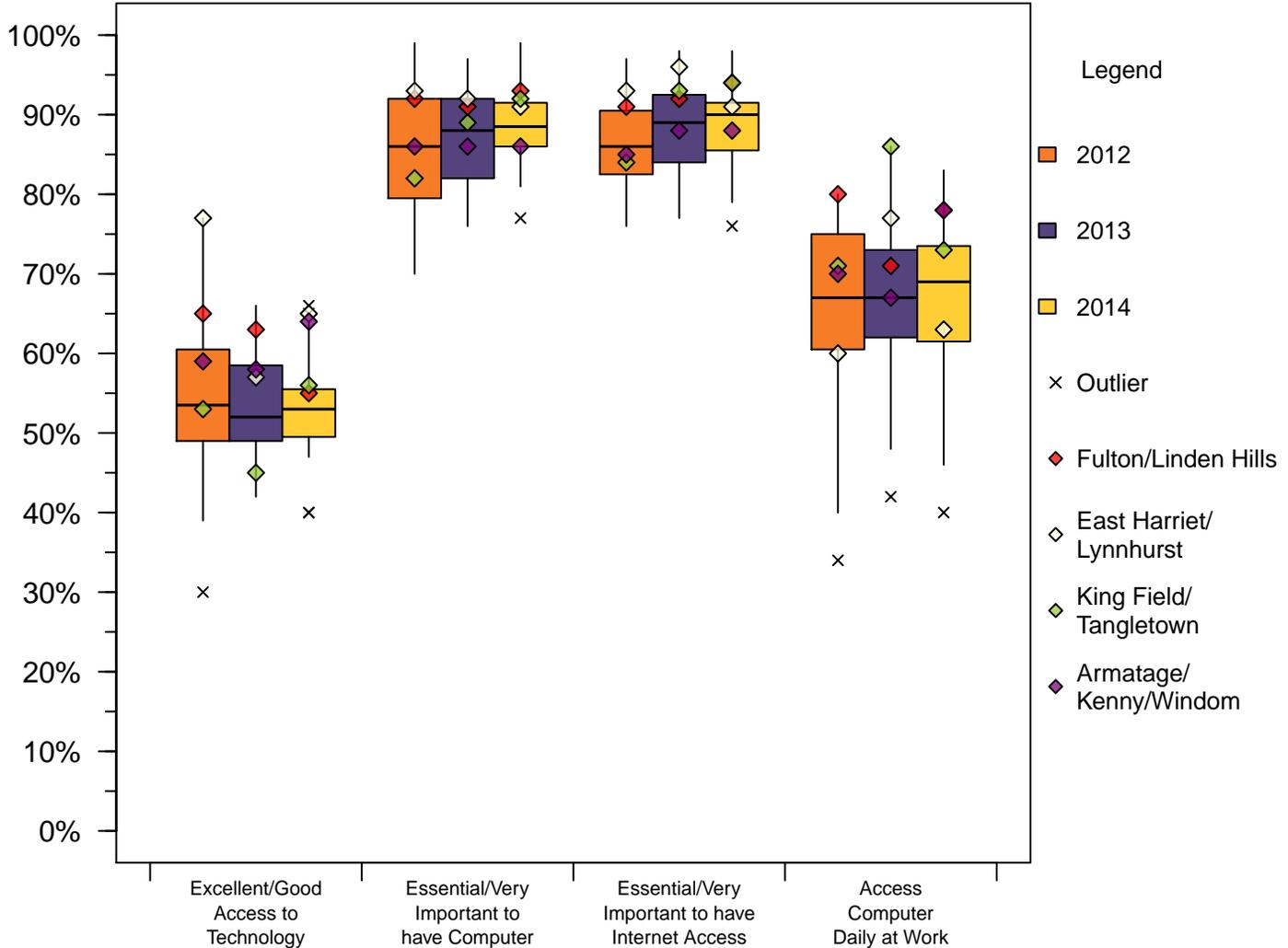
City Resident's Digital Tools

Southwest Community



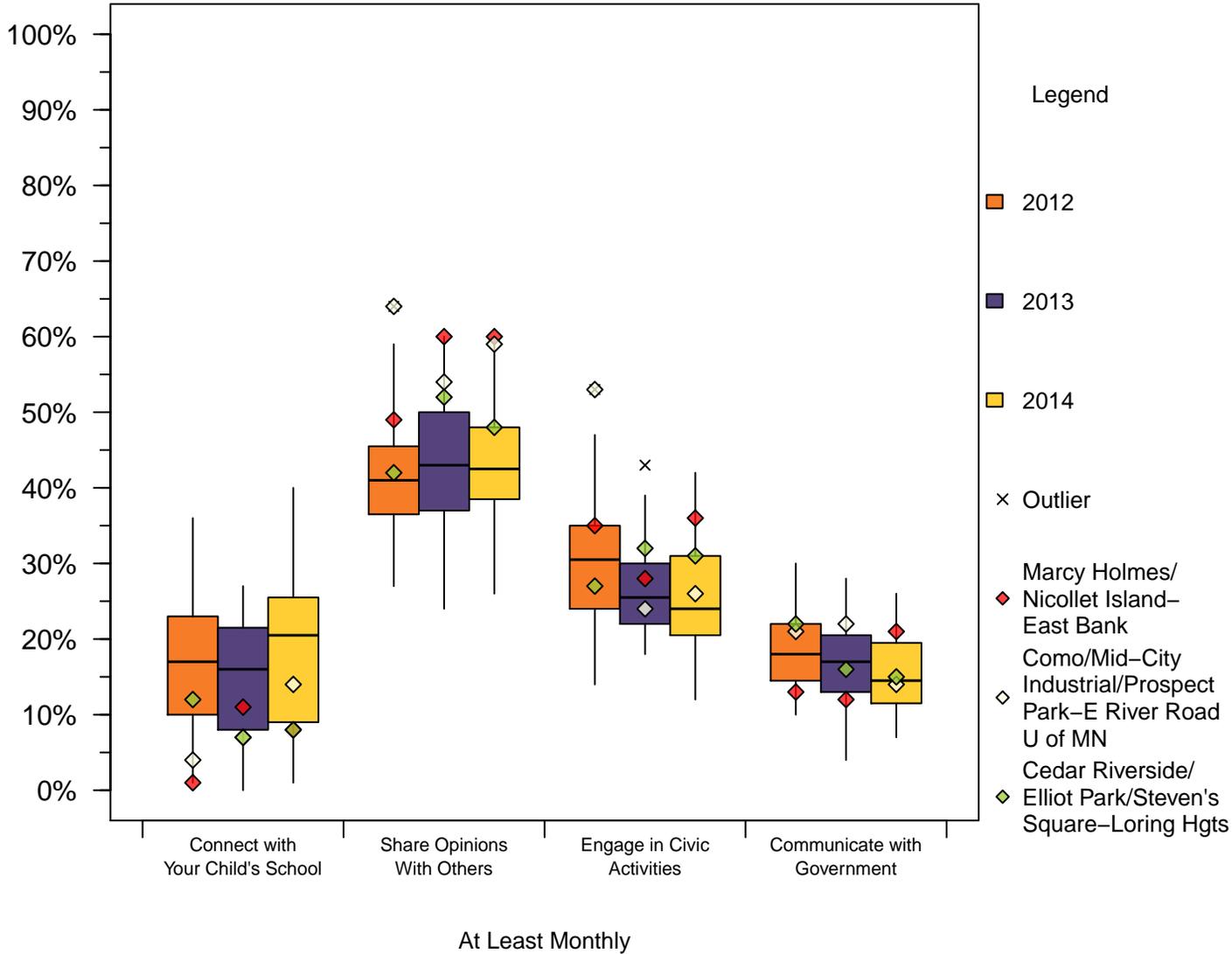
Resident View of Digital Society

Southwest Community



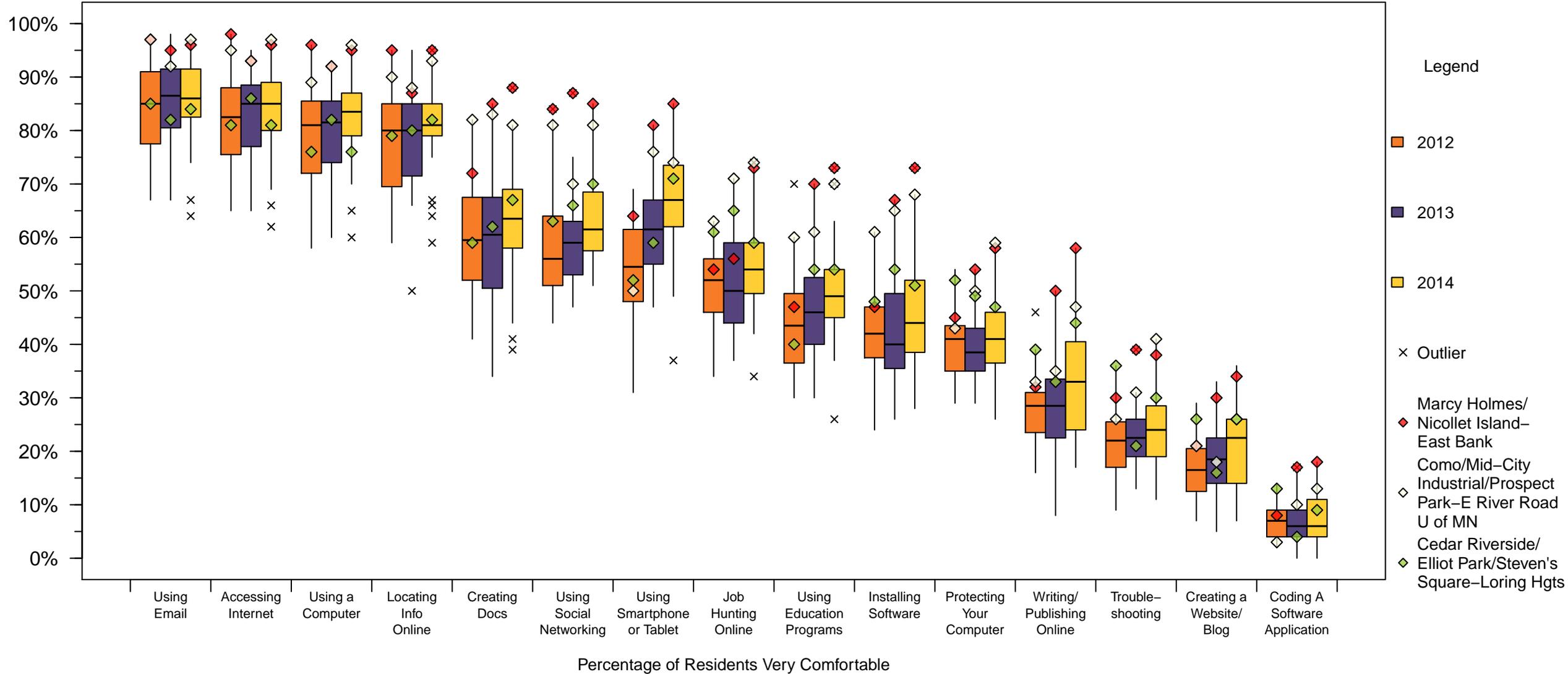
Resident Engagement via the Internet

University Community



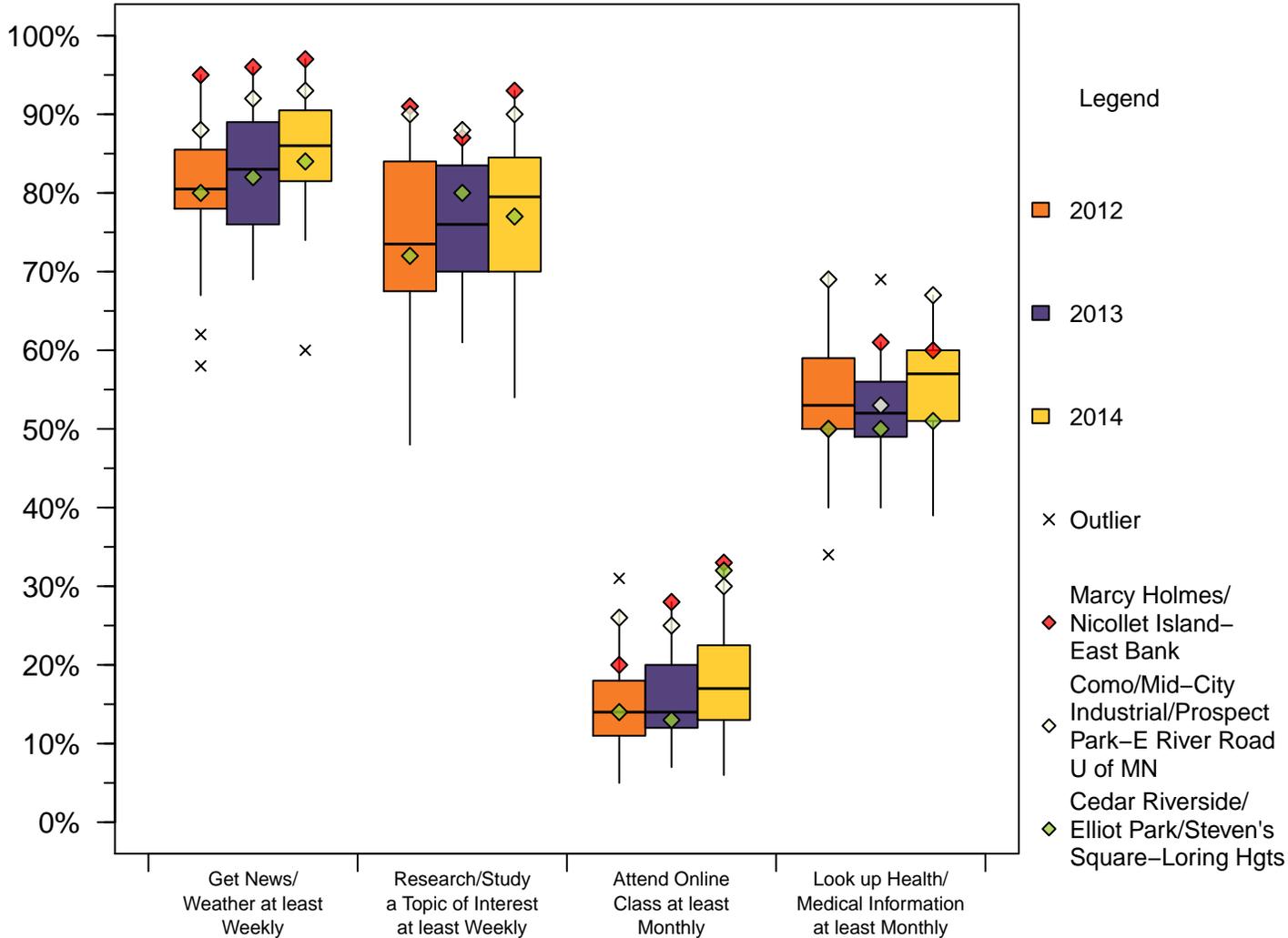
Level of Digital Literacy

University Community



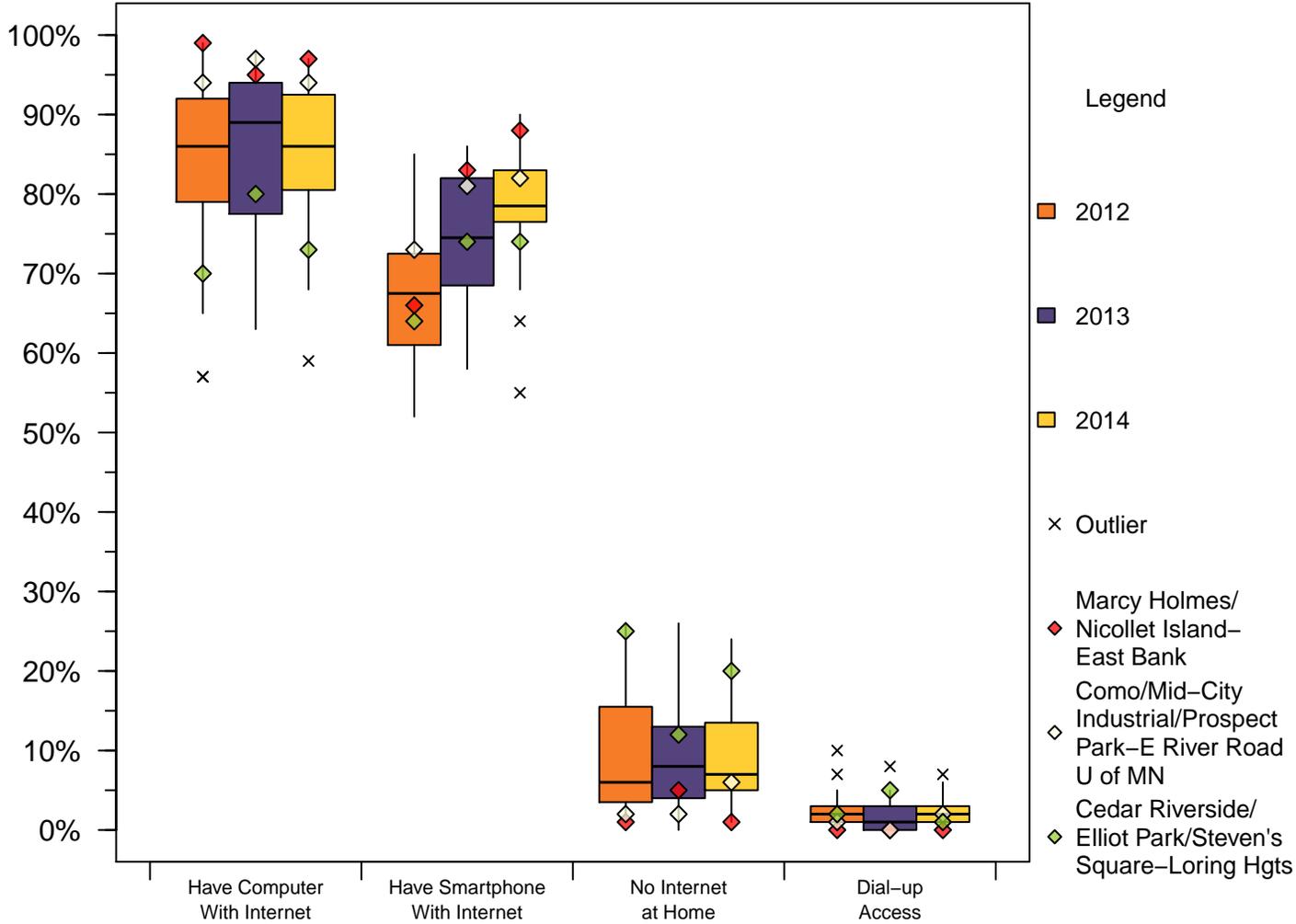
Resident Information Consumption

University Community



City Resident's Digital Tools

University Community



Resident View of Digital Society

University Community

