# HDBSCAN Profiles

## PMS

### 05 June, 2023

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********* Remember!!! This is with the subsampled data!

```
## [1] TRUE

## % latex table generated in R 3.6.3 by xtable 1.8-4 package
## % Mon Jun  5 15:00:58 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rllll}
##    \hline
##  & Entire Population & Cluster 1 & Cluster 2 \\
##    \hline
## \# of DBs & 21,119 (100.0\%) & 1,521 (7.2\%) & 19,598 (92.8\%) \\
##    DB Population & 38 & 5 & 42 \\
##    Median IoR & 0.15 & 0.31 & 0.15 \\
##    CMA Type & CMA (48.2\%) & None (83.4\%) & CMA (51.4\%) \\
##    \#1 Province & Ontario (18.1\%) & NovaScotia (9.5\%) & Ontario (19.3\%) \\
##    \#2 Province & Quebec (18.1\%) & Ontario (9.5\%) & Quebec (19.3\%) \\
##    \#3 Province & BritishColumbia (18.1\%) & BritishColumbia (9.5\%) & BritishColumbia (19.3\%) \\
##    Amenity Dense & Low (90.3\%) & Low (100.0\%) & Low (89.5\%) \\
##    Employment & 0.006 & 0.000 & 0.008 \\
##     \hline
## \end{tabular}
## \caption{Employment}
## \end{sidewaystable}
## % latex table generated in R 3.6.3 by xtable 1.8-4 package
## % Mon Jun  5 15:00:58 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rlllll}
##    \hline
##  & Entire Population & Cluster 1 & Cluster 2 & Cluster 3 \\
##    \hline
## \# of DBs & 7,673 (100.0\%) & 5,676 (74.0\%) & 204 (2.7\%) & 1,793 (23.4\%) \\
##    DB Population & 62 & 63 & 54 & 58 \\
##    Median IoR & 0.11 & 0.11 & 0.11 & 0.14 \\
##    CMA Type & CMA (70.5\%) & CMA (72.7\%) & CMA (68.1\%) & CMA (63.7\%) \\
##    \#1 Province & Ontario (27.3\%) & Ontario (29.7\%) & Ontario (23.5\%) & Ontario (20.2\%) \\
##    \#2 Province & Quebec (27.3\%) & Quebec (29.7\%) & Quebec (23.5\%) & Quebec (20.2\%) \\
##    \#3 Province & BritishColumbia (27.3\%) & BritishColumbia (29.7\%) & Alberta (23.5\%) & BritishColu
##    Amenity Dense & Low (81.1\%) & Low (77.4\%) & Low (92.2\%) & Low (91.5\%) \\
##    Pharmacy & 0.023 & 0.031 & 0.012 & 0.008 \\
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##     \hline
## \end{tabular}
## \caption{Pharmacy}
## \end{sidewaystable}
## % latex table generated in R 3.6.3 by xtable 1.8-4 package
## % Mon Jun  5 15:00:59 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rlll}
##    \hline
##  & Entire Population & Cluster 1 & Cluster 2 \\
##    \hline
## \# of DBs & 11,559 (100.0\%) & 10,332 (89.4\%) & 1,227 (10.6\%) \\
##    DB Population & 61 & 63 & 37 \\
##    Median IoR & 0.11 & 0.11 & 0.17 \\
##    CMA Type & CMA (68.0\%) & CMA (70.7\%) & CMA (44.9\%) \\
##    \#1 Province & Ontario (25.1\%) & Ontario (25.5\%) & Ontario (21.4\%) \\
##    \#2 Province & BritishColumbia (25.1\%) & Quebec (25.5\%) & NovaScotia (21.4\%) \\
##    \#3 Province & Quebec (25.1\%) & BritishColumbia (25.5\%) & BritishColumbia (21.4\%) \\
##    Amenity Dense & Low (84.5\%) & Low (83.0\%) & Low (96.9\%) \\
##    Childcare & 0.047 & 0.054 & 0.006 \\
##     \hline
## \end{tabular}
## \caption{Childcare}
## \end{sidewaystable}
## % latex table generated in R 3.6.3 by xtable 1.8-4 package
## % Mon Jun  5 15:00:59 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rlll}
##    \hline
##  & Entire Population & Cluster 1 & Cluster 2 \\
##    \hline
## \# of DBs & 14,878 (100.0\%) & 687 (4.6\%) & 14,191 (95.4\%) \\
##    DB Population & 54 & 22 & 56 \\
##    Median IoR & 0.13 & 0.20 & 0.13 \\
##    CMA Type & CMA (62.5\%) & None (57.4\%) & CMA (64.3\%) \\
##    \#1 Province & Ontario (22.9\%) & Ontario (14.3\%) & Ontario (23.3\%) \\
##    \#2 Province & Quebec (22.9\%) & NovaScotia (14.3\%) & Quebec (23.3\%) \\
##    \#3 Province & BritishColumbia (22.9\%) & BritishColumbia (14.3\%) & BritishColumbia (23.3\%) \\
##    Amenity Dense & Low (86.2\%) & Low (100.0\%) & Low (85.6\%) \\
##    Healthcare & 0.005 & 0.000 & 0.006 \\
##     \hline
## \end{tabular}
## \caption{Healthcare}
## \end{sidewaystable}
## % latex table generated in R 3.6.3 by xtable 1.8-4 package
## % Mon Jun  5 15:00:59 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rllll}
##    \hline
##  & Entire Population & Cluster 1 & Cluster 2 & Cluster 3 \\
##    \hline
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## \# of DBs & 5,886 (100.0\%) & 447 (7.6\%) & 438 (7.4\%) & 5,001 (85.0\%) \\
##   DB Population & 59 & 71 & 71 & 58 \\
##   Median IoR & 0.11 & 0.11 & 0.11 & 0.11 \\
##   CMA Type & CMA (66.9\%) & CMA (73.6\%) & CMA (76.3\%) & CMA (65.5\%) \\
##   \#1 Province & Ontario (25.8\%) & Ontario (29.8\%) & Ontario (30.6\%) & Ontario (25.1\%) \\
##   \#2 Province & Quebec (25.8\%) & Quebec (29.8\%) & BritishColumbia (30.6\%) & Quebec (25.1\%) \\
##   \#3 Province & BritishColumbia (25.8\%) & BritishColumbia (29.8\%) & Quebec (30.6\%) & BritishColu
##   Amenity Dense & Low (74.3\%) & Low (81.2\%) & Low (83.1\%) & Low (72.9\%) \\
##   Grocery & 0.040 & 0.008 & 0.016 & 0.046 \\
##     \hline
## \end{tabular}
## \caption{Grocery}
## \end{sidewaystable}
## % latex table generated in R 3.6.3 by xtable 1.8-4 package
## % Mon Jun  5 15:01:00 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rlllll}
##    \hline
##  & Entire Population & Cluster 1 & Cluster 2 & Cluster 3 & Cluster 4 \\
##    \hline
## \# of DBs & 9,162 (100.0\%) & 208 (2.3\%) & 6,817 (74.4\%) & 376 (4.1\%) & 1,761 (19.2\%) \\
##   DB Population & 59 & 71 & 63 & 50 & 46 \\
##   Median IoR & 0.12 & 0.10 & 0.11 & 0.15 & 0.14 \\
##   CMA Type & CMA (65.8\%) & CMA (80.8\%) & CMA (69.2\%) & CMA (50.5\%) & CMA (54.3\%) \\
##   \#1 Province & Ontario (25.0\%) & Ontario (26.4\%) & Ontario (27.1\%) & Ontario (16.5\%) & Ontario
##   \#2 Province & Quebec (25.0\%) & Quebec (26.4\%) & Quebec (27.1\%) & Quebec (16.5\%) & Quebec (18.
##   \#3 Province & BritishColumbia (25.0\%) & Alberta (26.4\%) & BritishColumbia (27.1\%) & BritishCol
##   Amenity Dense & Low (83.8\%) & Low (65.4\%) & Low (81.4\%) & Low (93.4\%) & Low (93.2\%) \\
##   Pri. Educ. & 0.088 & 0.240 & 0.105 & 0.042 & 0.031 \\
##     \hline
## \end{tabular}
## \caption{Pri. Educ.}
## \end{sidewaystable}
## % latex table generated in R 3.6.3 by xtable 1.8-4 package
## % Mon Jun  5 15:01:00 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rlllll}
##    \hline
##  & Entire Population & Cluster 1 & Cluster 2 & Cluster 3 \\
##    \hline
## \# of DBs & 4,125 (100.0\%) & 1,886 (45.7\%) & 205 (5.0\%) & 2,034 (49.3\%) \\
##   DB Population & 56 & 55 & 65 & 55 \\
##   Median IoR & 0.14 & 0.14 & 0.13 & 0.13 \\
##   CMA Type & CMA (62.4\%) & CMA (60.7\%) & CMA (64.4\%) & CMA (63.9\%) \\
##   \#1 Province & Ontario (22.2\%) & Ontario (17.0\%) & Ontario (20.0\%) & Ontario (27.1\%) \\
##   \#2 Province & Quebec (22.2\%) & Quebec (17.0\%) & BritishColumbia (20.0\%) & Quebec (27.1\%) \\
##   \#3 Province & BritishColumbia (22.2\%) & BritishColumbia (17.0\%) & Quebec (20.0\%) & BritishColu
##   Amenity Dense & Low (79.1\%) & Low (75.6\%) & Low (81.5\%) & Low (82.2\%) \\
##   Sec. Educ. & 0.050 & 0.089 & 0.050 & 0.040 \\
##     \hline
## \end{tabular}
## \caption{Sec. Educ.}
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## \end{sidewaystable}
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## % Mon Jun  5 15:01:00 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rlllll}
##   \hline
##  & Entire Population & Cluster 1 & Cluster 2 & Cluster 3 & Cluster 4 \\
##   \hline
## \# of DBs & 2,631 (100.0\%) & 635 (24.1\%) & 1,017 (38.7\%) & 392 (14.9\%) & 587 (22.3\%) \\
##   DB Population & 56 & 48 & 60 & 61 & 58 \\
##   Median IoR & 0.14 & 0.15 & 0.14 & 0.13 & 0.12 \\
##   CMA Type & CMA (60.3\%) & CMA (54.3\%) & CMA (61.4\%) & CMA (60.5\%) & CMA (64.9\%) \\
##   \#1 Province & Ontario (22.3\%) & Ontario (19.2\%) & Ontario (23.7\%) & Ontario (19.6\%) & Ontario
##   \#2 Province & Quebec (22.3\%) & Quebec (19.2\%) & Quebec (23.7\%) & Quebec (19.6\%) & Quebec (25.0
##   \#3 Province & BritishColumbia (22.3\%) & BritishColumbia (19.2\%) & BritishColumbia (23.7\%) & Br
##   Amenity Dense & Low (62.9\%) & Low (59.4\%) & Low (63.9\%) & Low (66.3\%) & Low (62.5\%) \\
##   Library & 0.061 & 0.080 & 0.065 & 0.054 & 0.049 \\
##    \hline
## \end{tabular}
## \caption{Library}
## \end{sidewaystable}
## % latex table generated in R 3.6.3 by xtable 1.8-4 package
## % Mon Jun  5 15:01:00 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rlll}
##   \hline
##  & Entire Population & Cluster 1 & Cluster 2 \\
##   \hline
## \# of DBs & 10,732 (100.0\%) & 8,769 (81.7\%) & 1,963 (18.3\%) \\
##   DB Population & 61 & 66 & 40 \\
##   Median IoR & 0.11 & 0.11 & 0.16 \\
##   CMA Type & CMA (68.0\%) & CMA (72.1\%) & CMA (49.4\%) \\
##   \#1 Province & Ontario (25.4\%) & Ontario (27.3\%) & Ontario (17.0\%) \\
##   \#2 Province & Quebec (25.4\%) & Quebec (27.3\%) & Quebec (17.0\%) \\
##   \#3 Province & BritishColumbia (25.4\%) & BritishColumbia (27.3\%) & BritishColumbia (17.0\%) \\
##   Amenity Dense & Low (83.7\%) & Low (81.1\%) & Low (95.5\%) \\
##   Parks & 0.047 & 0.057 & 0.012 \\
##    \hline
## \end{tabular}
## \caption{Parks}
## \end{sidewaystable}
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## % Mon Jun  5 15:01:00 2023
## \begin{sidewaystable}[ht]
## \centering
## \begin{tabular}{rlll}
##   \hline
##  & Entire Population & Cluster 1 & Cluster 2 \\
##   \hline
## \# of DBs & 8,209 (100.0\%) & 210 (2.6\%) & 7,999 (97.4\%) \\
##   DB Population & 75 & 58 & 76 \\
##   Median IoR & 0.10 & 0.11 & 0.10 \\
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##    CMA Type & CMA (91.4\%) & CMA (72.4\%) & CMA (91.9\%) \\
##    \#1 Province & Ontario (32.1\%) & Ontario (33.8\%) & Ontario (32.0\%) \\
##    \#2 Province & Quebec (32.1\%) & BritishColumbia (33.8\%) & Quebec (32.0\%) \\
##    \#3 Province & BritishColumbia (32.1\%) & Quebec (33.8\%) & BritishColumbia (32.0\%) \\
##    Amenity Dense & Low (77.6\%) & Low (96.7\%) & Low (77.1\%) \\
##    Transit & 0.010 & 0.001 & 0.011 \\
##      \hline
## \end{tabular}
## \caption{Transit}
## \end{sidewaystable}
```