The working directory was changed to D:/Dropbox/Chicago/Courses/UML/unsupervised-dating inside a notebook chunk. The working directory will be reset when the chunk is finished running. Use the knitr root.dir option in the setup chunk to change the working directory for notebook chunks.Parsed with column specification:

cols(

new\_index = col\_double(),

orig\_index = col\_double(),

age = col\_double(),

clean\_text = col\_character(),

essay9 = col\_character(),

height = col\_double(),

edu = col\_character(),

fit = col\_character(),

race\_ethnicity = col\_character(),

height\_group = col\_character(),

long\_words = col\_double(),

flesch = col\_double(),

dbscan\_cluster = col\_double(),

profile\_length = col\_double(),

prop\_longwords = col\_double()

)

|================================================================================================================| 100% 15 MB

Topic 0:Novelty

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.809e-03 58.552 < 2e-16 \*\*\*

fitnot\_fit 8.584e-04 5.922e-04 1.450 0.14720

fitunknown -1.414e-02 5.572e-03 -2.537 0.01118 \*

eduMore than High School 2.153e-03 8.201e-04 2.626 0.00866 \*\*

eduunknown -2.053e-03 1.127e-03 -1.821 0.06862 .

height\_groupshort 6.623e-05 6.129e-04 0.108 0.91396

race\_ethnicityBlack 5.415e-03 1.730e-03 3.131 0.00175 \*\*

race\_ethnicityLatinx 3.462e-03 1.233e-03 2.808 0.00499 \*\*

race\_ethnicitymultiple 8.043e-03 1.321e-03 6.086 1.18e-09 \*\*\*

race\_ethnicityother 6.762e-03 1.535e-03 4.406 1.06e-05 \*\*\*

race\_ethnicityWhite 5.988e-03 8.165e-04 7.333 2.34e-13 \*\*\*

dbscan\_cluster -1.114e-02 1.485e-03 -7.504 6.48e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Topic 1: Wants

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.829e-03 57.906 < 2e-16 \*\*\*

fitnot\_fit 8.580e-04 5.873e-04 1.461 0.14406

fitunknown -1.412e-02 5.646e-03 -2.501 0.01239 \*

eduMore than High School 2.150e-03 8.193e-04 2.624 0.00869 \*\*

eduunknown -2.047e-03 1.120e-03 -1.827 0.06765 .

height\_groupshort 6.602e-05 6.174e-04 0.107 0.91485

race\_ethnicityBlack 5.434e-03 1.749e-03 3.106 0.00190 \*\*

race\_ethnicityLatinx 3.481e-03 1.221e-03 2.851 0.00437 \*\*

race\_ethnicitymultiple 8.034e-03 1.327e-03 6.055 1.43e-09 \*\*\*

race\_ethnicityother 6.732e-03 1.531e-03 4.398 1.10e-05 \*\*\*

race\_ethnicityWhite 5.987e-03 8.243e-04 7.263 3.92e-13 \*\*\*

dbscan\_cluster -1.116e-02 1.492e-03 -7.481 7.71e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Topic 2: Relationships

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.823e-03 58.103 < 2e-16 \*\*\*

fitnot\_fit 8.649e-04 5.858e-04 1.476 0.13988

fitunknown -1.411e-02 5.653e-03 -2.496 0.01255 \*

eduMore than High School 2.147e-03 8.202e-04 2.617 0.00887 \*\*

eduunknown -2.054e-03 1.111e-03 -1.849 0.06453 .

height\_groupshort 7.097e-05 6.155e-04 0.115 0.90820

race\_ethnicityBlack 5.427e-03 1.748e-03 3.105 0.00190 \*\*

race\_ethnicityLatinx 3.452e-03 1.224e-03 2.820 0.00481 \*\*

race\_ethnicitymultiple 8.037e-03 1.317e-03 6.104 1.05e-09 \*\*\*

race\_ethnicityother 6.750e-03 1.541e-03 4.379 1.20e-05 \*\*\*

race\_ethnicityWhite 5.987e-03 8.252e-04 7.255 4.19e-13 \*\*\*

dbscan\_cluster -1.114e-02 1.493e-03 -7.463 8.82e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Topic 3: Fun

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.831e-03 57.842 < 2e-16 \*\*\*

fitnot\_fit 8.626e-04 5.879e-04 1.467 0.14237

fitunknown -1.413e-02 5.587e-03 -2.529 0.01145 \*

eduMore than High School 2.154e-03 8.190e-04 2.630 0.00853 \*\*

eduunknown -2.046e-03 1.106e-03 -1.850 0.06432 .

height\_groupshort 7.183e-05 6.165e-04 0.117 0.90724

race\_ethnicityBlack 5.419e-03 1.738e-03 3.118 0.00183 \*\*

race\_ethnicityLatinx 3.463e-03 1.233e-03 2.809 0.00497 \*\*

race\_ethnicitymultiple 8.043e-03 1.319e-03 6.096 1.11e-09 \*\*\*

race\_ethnicityother 6.744e-03 1.536e-03 4.391 1.13e-05 \*\*\*

race\_ethnicityWhite 5.990e-03 8.243e-04 7.267 3.83e-13 \*\*\*

dbscan\_cluster -1.114e-02 1.489e-03 -7.480 7.74e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Topic 4: Interactions with Women

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.837e-03 57.659 < 2e-16 \*\*\*

fitnot\_fit 8.619e-04 5.894e-04 1.462 0.14370

fitunknown -1.403e-02 5.633e-03 -2.491 0.01273 \*

eduMore than High School 2.149e-03 8.232e-04 2.611 0.00905 \*\*

eduunknown -2.055e-03 1.122e-03 -1.832 0.06701 .

height\_groupshort 6.494e-05 6.161e-04 0.105 0.91605

race\_ethnicityBlack 5.404e-03 1.745e-03 3.097 0.00196 \*\*

race\_ethnicityLatinx 3.457e-03 1.233e-03 2.804 0.00506 \*\*

race\_ethnicitymultiple 8.035e-03 1.319e-03 6.094 1.12e-09 \*\*\*

race\_ethnicityother 6.738e-03 1.533e-03 4.395 1.11e-05 \*\*\*

race\_ethnicityWhite 5.979e-03 8.272e-04 7.228 5.08e-13 \*\*\*

dbscan\_cluster -1.116e-02 1.485e-03 -7.513 6.02e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Topic 5: General Interests

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.819e-03 58.226 < 2e-16 \*\*\*

fitnot\_fit 8.648e-04 5.948e-04 1.454 0.14601

fitunknown -1.411e-02 5.614e-03 -2.513 0.01196 \*

eduMore than High School 2.149e-03 8.203e-04 2.619 0.00881 \*\*

eduunknown -2.070e-03 1.122e-03 -1.844 0.06515 .

height\_groupshort 6.564e-05 6.154e-04 0.107 0.91506

race\_ethnicityBlack 5.413e-03 1.740e-03 3.110 0.00187 \*\*

race\_ethnicityLatinx 3.434e-03 1.235e-03 2.781 0.00542 \*\*

race\_ethnicitymultiple 8.025e-03 1.317e-03 6.092 1.13e-09 \*\*\*

race\_ethnicityother 6.735e-03 1.556e-03 4.327 1.52e-05 \*\*\*

race\_ethnicityWhite 5.966e-03 8.253e-04 7.228 5.09e-13 \*\*\*

dbscan\_cluster -1.115e-02 1.479e-03 -7.542 4.84e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Topic 6: Hobbies

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.819e-03 58.209 < 2e-16 \*\*\*

fitnot\_fit 8.675e-04 5.971e-04 1.453 0.14630

fitunknown -1.406e-02 5.604e-03 -2.508 0.01214 \*

eduMore than High School 2.157e-03 8.280e-04 2.605 0.00920 \*\*

eduunknown -2.039e-03 1.121e-03 -1.819 0.06891 .

height\_groupshort 6.651e-05 6.126e-04 0.109 0.91354

race\_ethnicityBlack 5.431e-03 1.731e-03 3.138 0.00170 \*\*

race\_ethnicityLatinx 3.445e-03 1.231e-03 2.798 0.00514 \*\*

race\_ethnicitymultiple 8.032e-03 1.307e-03 6.144 8.21e-10 \*\*\*

race\_ethnicityother 6.741e-03 1.514e-03 4.451 8.59e-06 \*\*\*

race\_ethnicityWhite 5.987e-03 8.201e-04 7.300 3.00e-13 \*\*\*

dbscan\_cluster -1.114e-02 1.491e-03 -7.472 8.21e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Topic 7: Relocation

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.817e-03 58.289 < 2e-16 \*\*\*

fitnot\_fit 8.661e-04 5.898e-04 1.469 0.14198

fitunknown -1.407e-02 5.633e-03 -2.497 0.01252 \*

eduMore than High School 2.148e-03 8.212e-04 2.616 0.00890 \*\*

eduunknown -2.058e-03 1.110e-03 -1.853 0.06384 .

height\_groupshort 6.382e-05 6.184e-04 0.103 0.91781

race\_ethnicityBlack 5.408e-03 1.737e-03 3.114 0.00185 \*\*

race\_ethnicityLatinx 3.456e-03 1.232e-03 2.805 0.00504 \*\*

race\_ethnicitymultiple 8.039e-03 1.325e-03 6.066 1.34e-09 \*\*\*

race\_ethnicityother 6.738e-03 1.539e-03 4.379 1.20e-05 \*\*\*

race\_ethnicityWhite 5.981e-03 8.246e-04 7.254 4.22e-13 \*\*\*

dbscan\_cluster -1.114e-02 1.490e-03 -7.480 7.77e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Topic 8: New in Town

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 1.059e-01 1.825e-03 58.043 < 2e-16 \*\*\*

fitnot\_fit 8.636e-04 5.871e-04 1.471 0.14136

fitunknown -1.412e-02 5.653e-03 -2.498 0.01250 \*

eduMore than High School 2.134e-03 8.149e-04 2.618 0.00884 \*\*

eduunknown -2.070e-03 1.116e-03 -1.856 0.06350 .

height\_groupshort 6.576e-05 6.173e-04 0.107 0.91517

race\_ethnicityBlack 5.424e-03 1.746e-03 3.107 0.00189 \*\*

race\_ethnicityLatinx 3.457e-03 1.230e-03 2.810 0.00495 \*\*

race\_ethnicitymultiple 8.039e-03 1.316e-03 6.107 1.04e-09 \*\*\*

race\_ethnicityother 6.748e-03 1.536e-03 4.393 1.12e-05 \*\*\*

race\_ethnicityWhite 5.985e-03 8.231e-04 7.271 3.72e-13 \*\*\*

dbscan\_cluster -1.116e-02 1.492e-03 -7.481 7.71e-14 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1