Final_Project_Hajjar

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Contents

1 Abstract

Barber and Pope (2018) show that the electorate is more influenced by party position than real ideology. The results of the paper and the replication indicate that party loyalists vote in line with their leader, regarless of the political content of their leader's cues. More specifically, voters with low political knowledge, high partisanship, and high approval of their leader are more likely to support their leader's cues, regardless of the true ideological implications, even if they are not in line with the party's traditional views. I looked at Barber and Pope's regressions testing the causal effect of conservative and liberal cues from President Trump on Republican, Democrats, and Independents with varying levels of political knowledge, partisanship, approval of Trump, and political ideology. I took the regression on partisanship and knowledge as well as the overall regression of average cue response among all political identities and ran a more robust binomial regression as well as corrected for a mistake in the first figure of the paper. I found that party loyalists are not necessarily ideological loyalists and, more specifically, that many Republican Trump supporters respond positively to liberal or conservative cues from Trump but not necessarily from others. This finding forces Americans to rethink the importance of parties and the ideological strength of their positions.

2 Introduction

My replication paper will be looking at Michael Barber and Jeremy C. Pope's paper, "Does Party Trump Ideology? Disentangling Party and Ideology in America" which was published in the American Political Science Review in 2018. The paper tests whether citizens truly use their policy views to choose a partisan affiliation and if they see partisanship as more of a social identity. The paper asks: "how sincerely held are expressed political and policy opinions and are these opinions based on ideological convictions, or group loyalty?"[1] The authors use Trump's unusual presidency to answer these questions. Since President Trump is both the leader of the GOP as well as a president that endorses both liberal and conservative views, the authors test the effect of Trump's political stances on voters' political stances.

The authors' main hypothesis asserts that the influence of President Trump will demonstrate the existence of a large bloc of party loyalists in the electorate when his influence moves opinion in either a liberal or conservative direction based on his political cue. Those who are most likely to be party loyalists have a lack of knowledge about the party's traditional views and a lack of self-proclaimed "symbolic ideological commitment." Their null hypothesis is that Trump's cue haas no effect on subgroups. They have four specific hypotheses that fall under their main hypothesis: 1. **Knowledge Hypothesis:** Only the those with less knowledge should react to the cue and behave as party loyalists presumably because the knowledgeable gain little from the treatment (political cue). 2. **Partisan Hypothesis:** Strong party affiliates that share party with the cue-giver are more likely to be party loyalists. 3. **Approval Hypothesis:** Those who approve of the cue-giver should be more likely to be party loyalists. 4. **Symbolic Ideology Hypothesis:** Self-described conservatives should hold firm to their presumed beliefs and are less likely to be party loyalists because they stick with their self-described policy tenets.

These hypotheses are tested by running a variety of regressions on data collected from surveys. Subjects were split into two groups, control and treatment, and asked about 10 political issues with clear partisan positions. The authors chose questions that capture policy issues in which Trump has taken either a conservative stance or a liberal stance. The control group was asked if they agree with a policy. The treatment group was asked if they agree with a policy after being prompted that Trump endorses this policy. Using this data, the authors ran linear regressions, which I replicated using R, that explained subjects' support of policies using their partisanship, approval of the president, political knowledge, and symbolic ideology.[2] The authors conclude, and I confirm, that all of their hypotheses hold true except the symbolic ideology hypothesis. They found that people who most strongly described themselves as conservative most strongly answered the Trump cues (both liberal and conservative). I extend this analysis by running binomial regressions which demonstrate more robust relationships. I also correct a mistake in one of the figures from the published paper.

I find that the authors' first three hypotheses are indeed correct - those with lower political knowledge, higher partisanship, and higher approval tend to respond more strongly to a cue-giver, regardless of the ideological basis of the cue. Like the authors, I also conclude that those with higher ideological levels are actually more partisan in their response to cue-givers: even if a fellow partisan cue-giver demonstrates a nontraditional policy position, those with strong self-identfied ideologies are more likely to respond to the cue. These conclusions all point to the fact that parties are becoming more of a social identity and that ideology is being displaced by partisan affinity. This has major implications for the future of the party system and the way that candidates campaign. It seems that they are catering to a social cohort rather than an ideological community.

All analysis for this paper is available at my Git hub profile and the original data is available on Data verse.[3]

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[1]1, Barber and Pope

[2]R

[3]https://github.com/carine-h/milestone_5, https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/38BFML

3 Literature Review

There is an increasing amount of discussion around the legitimacy of partisan identification in terms of its ideological significance. Barber and Pope are just two of many authors noticing the decline of the ideological salience of partisanship and the populations more susceptible to this phenomenon. Zaller and Feldman (1992), for instance, discuss the weakness of voters' ideological preferences: "Most citizens, we argue, simply do not possess preformed attitudes at the level of specificity demanded in surveys. Rather, they carry around in their heads a mix of only partially consistent ideas and consideration." Rather, they feel that voters operate based on pre-conceived judgements and generalizations. With respect to Barber and Pope's findings, this means that the American electorate uses partisanship and ideology as masks for their own personal notions and prejudices.

Iyengar and Westwood (2015) mark the rise of party identity in American life, making Barber and Pope's conclusions ever more salient. According to their study, partisan polarization is as strong as racial polarization and has implications on nonpolitical judgements about members of the opposite party.[4] Taken with the Barber and Pope results, this could mean that cue-givers are merely partisan symbols, decreasing the importance of the actual content of their cues. This also reinforces the idea that partisanship.

4 Replication

I was able to replicate the Interactions Models table (Table 1) and Figures 1-5 which test each of the hypotheses in the paper. The only issue I ran into was in Figure 1: Average Treatment Effect of Policy Cues. This table claims that cues from GOP leaders on Republicans make Republicans about 3% less likely to vote liberal. This is not consistent with the outcome of the authors' regression which shows that Republicans were slightly more likely to vote liberally. I believe that this may be a small mistake on the part of the authors.

5 Extension

In the extension, I will be addressing a plotting issue in Figure 1, adding sigma and stan_glm to the Figure 1, expanding the test of partisanship to Democrats as well as Republicans on Figure 3, and using stan_glm and its associate prediction functions on Figure 3 as opposed to a linear regression and its linear prediction function.

5.1 Figure 1: Mistake

To begin, I will address the issue with Figure 1, which I describe above. I have actually already addressed it in the replication done above. Essentially, the regression result is not consisten with the outcome plotted in the graph. This could be an important addition to the findings in the paper - Republicans actually have a very slight aversion to cues from GOP leaders. This deepens the authors' findings that partisan identity may be more of a group identity rather than an ideological marker.

```
##         caseid        Question condition gender race educ marstat employ
## 1    325605361    Minimum_Wage         3      1    1    2       1      1
## 2    325605361    Tax_Increase         3      1    1    2       1      1
## 3    325605361        Abortion         3      1    1    2       1      1
## 4    325605361     Immigration         3      1    1    2       1      1
## 5    325605361     School_Guns         3      1    1    2       1      1
## 6    325605361   Iran_Agreement         3      1    1    2       1      1
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[4]Iyengar

```
## 7    325605361      Health_Care       3    1    1    2    1    1
## 8    325605361      Guns_Background    3    1    1    2    1    1
## 9    325605361      Climate_Change     3    1    1    2    1    1
## 10   325605361 Planned_Parenthood      3    1    1    2    1    1
## 11   326638233      Minimum_Wage       3    1    3    2    1    1
## 12   326638233      Tax_Increase       3    1    3    2    1    1
## 13   326638233      Abortion           3    1    3    2    1    1
## 14   326638233      Immigration        3    1    3    2    1    1
## 15   326638233      School_Guns        3    1    3    2    1    1
## 16   326638233      Iran_Agreement     3    1    3    2    1    1
## 17   326638233      Health_Care        3    1    3    2    1    1
## 18   326638233      Guns_Background    3    1    3    2    1    1
## 19   326638233      Climate_Change     3    1    3    2    1    1
## 20   326638233 Planned_Parenthood      3    1    3    2    1    1
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## 23   326962217      Abortion           3    1    6    5    6    5
## 24   326962217      Immigration        3    1    6    5    6    5
## 25   326962217      School_Guns        3    1    6    5    6    5
## 26   326962217      Iran_Agreement     3    1    6    5    6    5
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## 28   326962217      Guns_Background    3    1    6    5    6    5
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## 34   326964650      Immigration        1    1    1    2    1    1
## 35   326964650      School_Guns        1    1    1    2    1    1
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## 37   326964650      Health_Care        1    1    1    2    1    1
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## 60   327008399 Planned_Parenthood      2    2    1    5    1    1
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## 67  327008897         Health_Care       3   1   1   6   6   1
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## 69  327008897       Climate_Change      3   1   1   6   6   1
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```

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## 227 327282719        Health_Care  3  2  6  5  2  6
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## 255 327295047        School_Guns  1  1  3  5  1  1
## 256 327295047     Iran_Agreement  1  1  3  5  1  1
## 257 327295047        Health_Care  1  1  3  5  1  1
## 258 327295047    Guns_Background  1  1  3  5  1  1
## 259 327295047     Climate_Change  1  1  3  5  1  1
## 260 327295047 Planned_Parenthood  1  1  3  5  1  1
## 261 327326991       Minimum_Wage  3  1  1  6  1  1
## 262 327326991       Tax_Increase  3  1  1  6  1  1
## 263 327326991           Abortion  3  1  1  6  1  1
## 264 327326991        Immigration  3  1  1  6  1  1
## 265 327326991        School_Guns  3  1  1  6  1  1
## 266 327326991     Iran_Agreement  3  1  1  6  1  1
## 267 327326991        Health_Care  3  1  1  6  1  1
## 268 327326991    Guns_Background  3  1  1  6  1  1
## 269 327326991     Climate_Change  3  1  1  6  1  1
## 270 327326991 Planned_Parenthood  3  1  1  6  1  1
## 271 327382454       Minimum_Wage  1  2  1  5  5  1
## 272 327382454       Tax_Increase  1  2  1  5  5  1
## 273 327382454           Abortion  1  2  1  5  5  1
## 274 327382454        Immigration  1  2  1  5  5  1
## 275 327382454        School_Guns  1  2  1  5  5  1
## 276 327382454     Iran_Agreement  1  2  1  5  5  1
```

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## 277   327382454        Health_Care           1       2       1       5       5       1
## 278   327382454     Guns_Background           1       2       1       5       5       1
## 279   327382454      Climate_Change           1       2       1       5       5       1
## 280   327382454 Planned_Parenthood           1       2       1       5       5       1
## 281   327392141        Minimum_Wage           1       2       1       2       3       1
## 282   327392141        Tax_Increase           1       2       1       2       3       1
## 283   327392141            Abortion           1       2       1       2       3       1
## 284   327392141         Immigration           1       2       1       2       3       1
## 285   327392141         School_Guns           1       2       1       2       3       1
## 286   327392141       Iran_Agreement           1       2       1       2       3       1
## 287   327392141         Health_Care           1       2       1       2       3       1
## 288   327392141     Guns_Background           1       2       1       2       3       1
## 289   327392141      Climate_Change           1       2       1       2       3       1
## 290   327392141 Planned_Parenthood           1       2       1       2       3       1
## 291   327405710        Minimum_Wage           3       2       6       2       4       6
## 292   327405710        Tax_Increase           3       2       6       2       4       6
## 293   327405710            Abortion           3       2       6       2       4       6
## 294   327405710         Immigration           3       2       6       2       4       6
## 295   327405710         School_Guns           3       2       6       2       4       6
## 296   327405710       Iran_Agreement           3       2       6       2       4       6
## 297   327405710         Health_Care           3       2       6       2       4       6
## 298   327405710     Guns_Background           3       2       6       2       4       6
## 299   327405710      Climate_Change           3       2       6       2       4       6
## 300   327405710 Planned_Parenthood           3       2       6       2       4       6
## 301   327407970        Minimum_Wage           3       1       1       3       1       5
## 302   327407970        Tax_Increase           3       1       1       3       1       5
## 303   327407970            Abortion           3       1       1       3       1       5
## 304   327407970         Immigration           3       1       1       3       1       5
## 305   327407970         School_Guns           3       1       1       3       1       5
## 306   327407970       Iran_Agreement           3       1       1       3       1       5
## 307   327407970         Health_Care           3       1       1       3       1       5
## 308   327407970     Guns_Background           3       1       1       3       1       5
## 309   327407970      Climate_Change           3       1       1       3       1       5
## 310   327407970 Planned_Parenthood           3       1       1       3       1       5
## 311   327416413        Minimum_Wage           3       1       1       2       1       1
## 312   327416413        Tax_Increase           3       1       1       2       1       1
## 313   327416413            Abortion           3       1       1       2       1       1
## 314   327416413         Immigration           3       1       1       2       1       1
## 315   327416413         School_Guns           3       1       1       2       1       1
## 316   327416413       Iran_Agreement           3       1       1       2       1       1
## 317   327416413         Health_Care           3       1       1       2       1       1
## 318   327416413     Guns_Background           3       1       1       2       1       1
## 319   327416413      Climate_Change           3       1       1       2       1       1
## 320   327416413 Planned_Parenthood           3       1       1       2       1       1
## 321   327439888        Minimum_Wage           1       1       1       3       3       6
## 322   327439888        Tax_Increase           1       1       1       3       3       6
## 323   327439888            Abortion           1       1       1       3       3       6
## 324   327439888         Immigration           1       1       1       3       3       6
## 325   327439888         School_Guns           1       1       1       3       3       6
## 326   327439888       Iran_Agreement           1       1       1       3       3       6
## 327   327439888         Health_Care           1       1       1       3       3       6
## 328   327439888     Guns_Background           1       1       1       3       3       6
## 329   327439888      Climate_Change           1       1       1       3       3       6
## 330   327439888 Planned_Parenthood           1       1       1       3       3       6
```

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## 331 327452762        Minimum_Wage   3   1   1   6   3   5
## 332 327452762        Tax_Increase   3   1   1   6   3   5
## 333 327452762            Abortion   3   1   1   6   3   5
## 334 327452762         Immigration   3   1   1   6   3   5
## 335 327452762         School_Guns   3   1   1   6   3   5
## 336 327452762       Iran_Agreement  3   1   1   6   3   5
## 337 327452762          Health_Care  3   1   1   6   3   5
## 338 327452762       Guns_Background  3   1   1   6   3   5
## 339 327452762        Climate_Change  3   1   1   6   3   5
## 340 327452762 Planned_Parenthood    3   1   1   6   3   5
## 341 327488077        Minimum_Wage   3   1   1   4   1   1
## 342 327488077        Tax_Increase   3   1   1   4   1   1
## 343 327488077            Abortion   3   1   1   4   1   1
## 344 327488077         Immigration   3   1   1   4   1   1
## 345 327488077         School_Guns   3   1   1   4   1   1
## 346 327488077       Iran_Agreement  3   1   1   4   1   1
## 347 327488077          Health_Care  3   1   1   4   1   1
## 348 327488077       Guns_Background  3   1   1   4   1   1
## 349 327488077        Climate_Change  3   1   1   4   1   1
## 350 327488077 Planned_Parenthood    3   1   1   4   1   1
## 351 327641651        Minimum_Wage   1   2   1   6   5   2
## 352 327641651        Tax_Increase   1   2   1   6   5   2
## 353 327641651            Abortion   1   2   1   6   5   2
## 354 327641651         Immigration   1   2   1   6   5   2
## 355 327641651         School_Guns   1   2   1   6   5   2
## 356 327641651       Iran_Agreement  1   2   1   6   5   2
## 357 327641651          Health_Care  1   2   1   6   5   2
## 358 327641651       Guns_Background  1   2   1   6   5   2
## 359 327641651        Climate_Change  1   2   1   6   5   2
## 360 327641651 Planned_Parenthood    1   2   1   6   5   2
## 361 327656391        Minimum_Wage   1   2   1   4   1   1
## 362 327656391        Tax_Increase   1   2   1   4   1   1
## 363 327656391            Abortion   1   2   1   4   1   1
## 364 327656391         Immigration   1   2   1   4   1   1
## 365 327656391         School_Guns   1   2   1   4   1   1
## 366 327656391       Iran_Agreement  1   2   1   4   1   1
## 367 327656391          Health_Care  1   2   1   4   1   1
## 368 327656391       Guns_Background  1   2   1   4   1   1
## 369 327656391        Climate_Change  1   2   1   4   1   1
## 370 327656391 Planned_Parenthood    1   2   1   4   1   1
## 371 327676907        Minimum_Wage   1   1   1   3   5   6
## 372 327676907        Tax_Increase   1   1   1   3   5   6
## 373 327676907            Abortion   1   1   1   3   5   6
## 374 327676907         Immigration   1   1   1   3   5   6
## 375 327676907         School_Guns   1   1   1   3   5   6
## 376 327676907       Iran_Agreement  1   1   1   3   5   6
## 377 327676907          Health_Care  1   1   1   3   5   6
## 378 327676907       Guns_Background  1   1   1   3   5   6
## 379 327676907        Climate_Change  1   1   1   3   5   6
## 380 327676907 Planned_Parenthood    1   1   1   3   5   6
## 381 327689291        Minimum_Wage   2   1   1   2   1   5
## 382 327689291        Tax_Increase   2   1   1   2   1   5
## 383 327689291            Abortion   2   1   1   2   1   5
## 384 327689291         Immigration   2   1   1   2   1   5
```

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## 385 327689291          School_Guns     2  1  1  2  1  5
## 386 327689291       Iran_Agreement     2  1  1  2  1  5
## 387 327689291          Health_Care     2  1  1  2  1  5
## 388 327689291      Guns_Background     2  1  1  2  1  5
## 389 327689291       Climate_Change     2  1  1  2  1  5
## 390 327689291 Planned_Parenthood     2  1  1  2  1  5
## 391 327702791         Minimum_Wage     1  2  1  5  6  9
## 392 327702791         Tax_Increase     1  2  1  5  6  9
## 393 327702791             Abortion     1  2  1  5  6  9
## 394 327702791           Immigration     1  2  1  5  6  9
## 395 327702791          School_Guns     1  2  1  5  6  9
## 396 327702791       Iran_Agreement     1  2  1  5  6  9
## 397 327702791          Health_Care     1  2  1  5  6  9
## 398 327702791      Guns_Background     1  2  1  5  6  9
## 399 327702791       Climate_Change     1  2  1  5  6  9
## 400 327702791 Planned_Parenthood     1  2  1  5  6  9
## 401 327771056         Minimum_Wage     3  1  1  5  1  8
## 402 327771056         Tax_Increase     3  1  1  5  1  8
## 403 327771056             Abortion     3  1  1  5  1  8
## 404 327771056           Immigration     3  1  1  5  1  8
## 405 327771056          School_Guns     3  1  1  5  1  8
## 406 327771056       Iran_Agreement     3  1  1  5  1  8
## 407 327771056          Health_Care     3  1  1  5  1  8
## 408 327771056      Guns_Background     3  1  1  5  1  8
## 409 327771056       Climate_Change     3  1  1  5  1  8
## 410 327771056 Planned_Parenthood     3  1  1  5  1  8
## 411 327799395         Minimum_Wage     3  1  1  1  1  2
## 412 327799395         Tax_Increase     3  1  1  1  1  2
## 413 327799395             Abortion     3  1  1  1  1  2
## 414 327799395           Immigration     3  1  1  1  1  2
## 415 327799395          School_Guns     3  1  1  1  1  2
## 416 327799395       Iran_Agreement     3  1  1  1  1  2
## 417 327799395          Health_Care     3  1  1  1  1  2
## 418 327799395      Guns_Background     3  1  1  1  1  2
## 419 327799395       Climate_Change     3  1  1  1  1  2
## 420 327799395 Planned_Parenthood     3  1  1  1  1  2
## 421 327804449         Minimum_Wage     1  1  1  4  1  6
## 422 327804449         Tax_Increase     1  1  1  4  1  6
## 423 327804449             Abortion     1  1  1  4  1  6
## 424 327804449           Immigration     1  1  1  4  1  6
## 425 327804449          School_Guns     1  1  1  4  1  6
## 426 327804449       Iran_Agreement     1  1  1  4  1  6
## 427 327804449          Health_Care     1  1  1  4  1  6
## 428 327804449      Guns_Background     1  1  1  4  1  6
## 429 327804449       Climate_Change     1  1  1  4  1  6
## 430 327804449 Planned_Parenthood     1  1  1  4  1  6
## 431 327812457         Minimum_Wage     3  1  1  6  3  6
## 432 327812457         Tax_Increase     3  1  1  6  3  6
## 433 327812457             Abortion     3  1  1  6  3  6
## 434 327812457           Immigration     3  1  1  6  3  6
## 435 327812457          School_Guns     3  1  1  6  3  6
## 436 327812457       Iran_Agreement     3  1  1  6  3  6
## 437 327812457          Health_Care     3  1  1  6  3  6
## 438 327812457      Guns_Background     3  1  1  6  3  6
```

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## 439   327812457        Climate_Change       3   1   1   6   3   6
## 440   327812457 Planned_Parenthood          3   1   1   6   3   6
## 441   327827786          Minimum_Wage        3   1   1   2   5   6
## 442   327827786          Tax_Increase        3   1   1   2   5   6
## 443   327827786              Abortion        3   1   1   2   5   6
## 444   327827786           Immigration        3   1   1   2   5   6
## 445   327827786           School_Guns        3   1   1   2   5   6
## 446   327827786         Iran_Agreement       3   1   1   2   5   6
## 447   327827786            Health_Care       3   1   1   2   5   6
## 448   327827786        Guns_Background       3   1   1   2   5   6
## 449   327827786         Climate_Change       3   1   1   2   5   6
## 450   327827786 Planned_Parenthood           3   1   1   2   5   6
## 451   327840439          Minimum_Wage        2   2   1   2   4   5
## 452   327840439          Tax_Increase        2   2   1   2   4   5
## 453   327840439              Abortion        2   2   1   2   4   5
## 454   327840439           Immigration        2   2   1   2   4   5
## 455   327840439           School_Guns        2   2   1   2   4   5
## 456   327840439         Iran_Agreement       2   2   1   2   4   5
## 457   327840439            Health_Care       2   2   1   2   4   5
## 458   327840439        Guns_Background       2   2   1   2   4   5
## 459   327840439         Climate_Change       2   2   1   2   4   5
## 460   327840439 Planned_Parenthood           2   2   1   2   4   5
## 461   327840525          Minimum_Wage        3   2   3   2   1   7
## 462   327840525          Tax_Increase        3   2   3   2   1   7
## 463   327840525              Abortion        3   2   3   2   1   7
## 464   327840525           Immigration        3   2   3   2   1   7
## 465   327840525           School_Guns        3   2   3   2   1   7
## 466   327840525         Iran_Agreement       3   2   3   2   1   7
## 467   327840525            Health_Care       3   2   3   2   1   7
## 468   327840525        Guns_Background       3   2   3   2   1   7
## 469   327840525         Climate_Change       3   2   3   2   1   7
## 470   327840525 Planned_Parenthood           3   2   3   2   1   7
## 471   327840639          Minimum_Wage        3   2   2   2   5   5
## 472   327840639          Tax_Increase        3   2   2   2   5   5
## 473   327840639              Abortion        3   2   2   2   5   5
## 474   327840639           Immigration        3   2   2   2   5   5
## 475   327840639           School_Guns        3   2   2   2   5   5
## 476   327840639         Iran_Agreement       3   2   2   2   5   5
## 477   327840639            Health_Care       3   2   2   2   5   5
## 478   327840639        Guns_Background       3   2   2   2   5   5
## 479   327840639         Climate_Change       3   2   2   2   5   5
## 480   327840639 Planned_Parenthood           3   2   2   2   5   5
## 481   327840645          Minimum_Wage        3   1   1   1   3   1
## 482   327840645          Tax_Increase        3   1   1   1   3   1
## 483   327840645              Abortion        3   1   1   1   3   1
## 484   327840645           Immigration        3   1   1   1   3   1
## 485   327840645           School_Guns        3   1   1   1   3   1
## 486   327840645         Iran_Agreement       3   1   1   1   3   1
## 487   327840645            Health_Care       3   1   1   1   3   1
## 488   327840645        Guns_Background       3   1   1   1   3   1
## 489   327840645         Climate_Change       3   1   1   1   3   1
## 490   327840645 Planned_Parenthood           3   1   1   1   3   1
## 491   327842973          Minimum_Wage        3   1   3   4   1   1
## 492   327842973          Tax_Increase        3   1   3   4   1   1
```

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## 493  327842973          Abortion  3  1  3  4  1  1
## 494  327842973        Immigration  3  1  3  4  1  1
## 495  327842973        School_Guns  3  1  3  4  1  1
## 496  327842973     Iran_Agreement  3  1  3  4  1  1
## 497  327842973        Health_Care  3  1  3  4  1  1
## 498  327842973    Guns_Background  3  1  3  4  1  1
## 499  327842973     Climate_Change  3  1  3  4  1  1
## 500  327842973 Planned_Parenthood  3  1  3  4  1  1
## 501  327845367       Minimum_Wage  1  1  1  2  1  5
## 502  327845367       Tax_Increase  1  1  1  2  1  5
## 503  327845367           Abortion  1  1  1  2  1  5
## 504  327845367        Immigration  1  1  1  2  1  5
## 505  327845367        School_Guns  1  1  1  2  1  5
## 506  327845367     Iran_Agreement  1  1  1  2  1  5
## 507  327845367        Health_Care  1  1  1  2  1  5
## 508  327845367    Guns_Background  1  1  1  2  1  5
## 509  327845367     Climate_Change  1  1  1  2  1  5
## 510  327845367 Planned_Parenthood  1  1  1  2  1  5
## 511  327845394       Minimum_Wage  3  1  1  2  1  6
## 512  327845394       Tax_Increase  3  1  1  2  1  6
## 513  327845394           Abortion  3  1  1  2  1  6
## 514  327845394        Immigration  3  1  1  2  1  6
## 515  327845394        School_Guns  3  1  1  2  1  6
## 516  327845394     Iran_Agreement  3  1  1  2  1  6
## 517  327845394        Health_Care  3  1  1  2  1  6
## 518  327845394    Guns_Background  3  1  1  2  1  6
## 519  327845394     Climate_Change  3  1  1  2  1  6
## 520  327845394 Planned_Parenthood  3  1  1  2  1  6
## 521  327845463       Minimum_Wage  3  2  1  2  1  5
## 522  327845463       Tax_Increase  3  2  1  2  1  5
## 523  327845463           Abortion  3  2  1  2  1  5
## 524  327845463        Immigration  3  2  1  2  1  5
## 525  327845463        School_Guns  3  2  1  2  1  5
## 526  327845463     Iran_Agreement  3  2  1  2  1  5
## 527  327845463        Health_Care  3  2  1  2  1  5
## 528  327845463    Guns_Background  3  2  1  2  1  5
## 529  327845463     Climate_Change  3  2  1  2  1  5
## 530  327845463 Planned_Parenthood  3  2  1  2  1  5
## 531  327852478       Minimum_Wage  2  2  2  4  5  2
## 532  327852478       Tax_Increase  2  2  2  4  5  2
## 533  327852478           Abortion  2  2  2  4  5  2
## 534  327852478        Immigration  2  2  2  4  5  2
## 535  327852478        School_Guns  2  2  2  4  5  2
## 536  327852478     Iran_Agreement  2  2  2  4  5  2
## 537  327852478        Health_Care  2  2  2  4  5  2
## 538  327852478    Guns_Background  2  2  2  4  5  2
## 539  327852478     Climate_Change  2  2  2  4  5  2
## 540  327852478 Planned_Parenthood  2  2  2  4  5  2
## 541  327852581       Minimum_Wage  3  1  1  3  1  1
## 542  327852581       Tax_Increase  3  1  1  3  1  1
## 543  327852581           Abortion  3  1  1  3  1  1
## 544  327852581        Immigration  3  1  1  3  1  1
## 545  327852581        School_Guns  3  1  1  3  1  1
## 546  327852581     Iran_Agreement  3  1  1  3  1  1
```

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## 547 327852581        Health_Care   3  1  1  3  1  1
## 548 327852581     Guns_Background   3  1  1  3  1  1
## 549 327852581      Climate_Change   3  1  1  3  1  1
## 550 327852581 Planned_Parenthood   3  1  1  3  1  1
## 551 327852604        Minimum_Wage   1  1  1  2  5  4
## 552 327852604        Tax_Increase   1  1  1  2  5  4
## 553 327852604            Abortion   1  1  1  2  5  4
## 554 327852604         Immigration   1  1  1  2  5  4
## 555 327852604         School_Guns   1  1  1  2  5  4
## 556 327852604       Iran_Agreement  1  1  1  2  5  4
## 557 327852604         Health_Care   1  1  1  2  5  4
## 558 327852604     Guns_Background   1  1  1  2  5  4
## 559 327852604      Climate_Change   1  1  1  2  5  4
## 560 327852604 Planned_Parenthood   1  1  1  2  5  4
## 561 327852688        Minimum_Wage   2  2  1  4  5  2
## 562 327852688        Tax_Increase   2  2  1  4  5  2
## 563 327852688            Abortion   2  2  1  4  5  2
## 564 327852688         Immigration   2  2  1  4  5  2
## 565 327852688         School_Guns   2  2  1  4  5  2
## 566 327852688       Iran_Agreement  2  2  1  4  5  2
## 567 327852688         Health_Care   2  2  1  4  5  2
## 568 327852688     Guns_Background   2  2  1  4  5  2
## 569 327852688      Climate_Change   2  2  1  4  5  2
## 570 327852688 Planned_Parenthood   2  2  1  4  5  2
## 571 327854956        Minimum_Wage   3  2  1  2  1  1
## 572 327854956        Tax_Increase   3  2  1  2  1  1
## 573 327854956            Abortion   3  2  1  2  1  1
## 574 327854956         Immigration   3  2  1  2  1  1
## 575 327854956         School_Guns   3  2  1  2  1  1
## 576 327854956       Iran_Agreement  3  2  1  2  1  1
## 577 327854956         Health_Care   3  2  1  2  1  1
## 578 327854956     Guns_Background   3  2  1  2  1  1
## 579 327854956      Climate_Change   3  2  1  2  1  1
## 580 327854956 Planned_Parenthood   3  2  1  2  1  1
## 581 327854996        Minimum_Wage   2  1  1  2  6  5
## 582 327854996        Tax_Increase   2  1  1  2  6  5
## 583 327854996            Abortion   2  1  1  2  6  5
## 584 327854996         Immigration   2  1  1  2  6  5
## 585 327854996         School_Guns   2  1  1  2  6  5
## 586 327854996       Iran_Agreement  2  1  1  2  6  5
## 587 327854996         Health_Care   2  1  1  2  6  5
## 588 327854996     Guns_Background   2  1  1  2  6  5
## 589 327854996      Climate_Change   2  1  1  2  6  5
## 590 327854996 Planned_Parenthood   2  1  1  2  6  5
## 591 327855094        Minimum_Wage   3  1  1  2  1  5
## 592 327855094        Tax_Increase   3  1  1  2  1  5
## 593 327855094            Abortion   3  1  1  2  1  5
## 594 327855094         Immigration   3  1  1  2  1  5
## 595 327855094         School_Guns   3  1  1  2  1  5
## 596 327855094       Iran_Agreement  3  1  1  2  1  5
## 597 327855094         Health_Care   3  1  1  2  1  5
## 598 327855094     Guns_Background   3  1  1  2  1  5
## 599 327855094      Climate_Change   3  1  1  2  1  5
## 600 327855094 Planned_Parenthood   3  1  1  2  1  5
```

```
## 601 327855169       Minimum_Wage   3   2   1   2   1   4
## 602 327855169       Tax_Increase   3   2   1   2   1   4
## 603 327855169           Abortion   3   2   1   2   1   4
## 604 327855169        Immigration   3   2   1   2   1   4
## 605 327855169        School_Guns   3   2   1   2   1   4
## 606 327855169      Iran_Agreement  3   2   1   2   1   4
## 607 327855169        Health_Care   3   2   1   2   1   4
## 608 327855169     Guns_Background  3   2   1   2   1   4
## 609 327855169      Climate_Change  3   2   1   2   1   4
## 610 327855169 Planned_Parenthood   3   2   1   2   1   4
## 611 327857331       Minimum_Wage   3   2   1   2   1   5
## 612 327857331       Tax_Increase   3   2   1   2   1   5
## 613 327857331           Abortion   3   2   1   2   1   5
## 614 327857331        Immigration   3   2   1   2   1   5
## 615 327857331        School_Guns   3   2   1   2   1   5
## 616 327857331      Iran_Agreement  3   2   1   2   1   5
## 617 327857331        Health_Care   3   2   1   2   1   5
## 618 327857331     Guns_Background  3   2   1   2   1   5
## 619 327857331      Climate_Change  3   2   1   2   1   5
## 620 327857331 Planned_Parenthood   3   2   1   2   1   5
## 621 327857358       Minimum_Wage   2   2   3   2   1   4
## 622 327857358       Tax_Increase   2   2   3   2   1   4
## 623 327857358           Abortion   2   2   3   2   1   4
## 624 327857358        Immigration   2   2   3   2   1   4
## 625 327857358        School_Guns   2   2   3   2   1   4
## 626 327857358      Iran_Agreement  2   2   3   2   1   4
## 627 327857358        Health_Care   2   2   3   2   1   4
## 628 327857358     Guns_Background  2   2   3   2   1   4
## 629 327857358      Climate_Change  2   2   3   2   1   4
## 630 327857358 Planned_Parenthood   2   2   3   2   1   4
## 631 327857378       Minimum_Wage   3   2   1   4   1   5
## 632 327857378       Tax_Increase   3   2   1   4   1   5
## 633 327857378           Abortion   3   2   1   4   1   5
## 634 327857378        Immigration   3   2   1   4   1   5
## 635 327857378        School_Guns   3   2   1   4   1   5
## 636 327857378      Iran_Agreement  3   2   1   4   1   5
## 637 327857378        Health_Care   3   2   1   4   1   5
## 638 327857378     Guns_Background  3   2   1   4   1   5
## 639 327857378      Climate_Change  3   2   1   4   1   5
## 640 327857378 Planned_Parenthood   3   2   1   4   1   5
## 641 327859705       Minimum_Wage   1   2   2   4   5   1
## 642 327859705       Tax_Increase   1   2   2   4   5   1
## 643 327859705           Abortion   1   2   2   4   5   1
## 644 327859705        Immigration   1   2   2   4   5   1
## 645 327859705        School_Guns   1   2   2   4   5   1
## 646 327859705      Iran_Agreement  1   2   2   4   5   1
## 647 327859705        Health_Care   1   2   2   4   5   1
## 648 327859705     Guns_Background  1   2   2   4   5   1
## 649 327859705      Climate_Change  1   2   2   4   5   1
## 650 327859705 Planned_Parenthood   1   2   2   4   5   1
## 651 327859805       Minimum_Wage   3   2   2   4   3   6
## 652 327859805       Tax_Increase   3   2   2   4   3   6
## 653 327859805           Abortion   3   2   2   4   3   6
## 654 327859805        Immigration   3   2   2   4   3   6
```

```
## 655    327859805        School_Guns    3    2    2    4    3    6
## 656    327859805     Iran_Agreement    3    2    2    4    3    6
## 657    327859805        Health_Care    3    2    2    4    3    6
## 658    327859805     Guns_Background    3    2    2    4    3    6
## 659    327859805     Climate_Change    3    2    2    4    3    6
## 660    327859805 Planned_Parenthood    3    2    2    4    3    6
## 661    327859905       Minimum_Wage    2    1    1    1    1    5
## 662    327859905       Tax_Increase    2    1    1    1    1    5
## 663    327859905           Abortion    2    1    1    1    1    5
## 664    327859905         Immigration    2    1    1    1    1    5
## 665    327859905        School_Guns    2    1    1    1    1    5
## 666    327859905     Iran_Agreement    2    1    1    1    1    5
## 667    327859905        Health_Care    2    1    1    1    1    5
## 668    327859905     Guns_Background    2    1    1    1    1    5
## 669    327859905     Climate_Change    2    1    1    1    1    5
## 670    327859905 Planned_Parenthood    2    1    1    1    1    5
## 671    327860026       Minimum_Wage    3    1    1    2    1    1
## 672    327860026       Tax_Increase    3    1    1    2    1    1
## 673    327860026           Abortion    3    1    1    2    1    1
## 674    327860026         Immigration    3    1    1    2    1    1
## 675    327860026        School_Guns    3    1    1    2    1    1
## 676    327860026     Iran_Agreement    3    1    1    2    1    1
## 677    327860026        Health_Care    3    1    1    2    1    1
## 678    327860026     Guns_Background    3    1    1    2    1    1
## 679    327860026     Climate_Change    3    1    1    2    1    1
## 680    327860026 Planned_Parenthood    3    1    1    2    1    1
## 681    327860130       Minimum_Wage    1    2    2    2    5    5
## 682    327860130       Tax_Increase    1    2    2    2    5    5
## 683    327860130           Abortion    1    2    2    2    5    5
## 684    327860130         Immigration    1    2    2    2    5    5
## 685    327860130        School_Guns    1    2    2    2    5    5
## 686    327860130     Iran_Agreement    1    2    2    2    5    5
## 687    327860130        Health_Care    1    2    2    2    5    5
## 688    327860130     Guns_Background    1    2    2    2    5    5
## 689    327860130     Climate_Change    1    2    2    2    5    5
## 690    327860130 Planned_Parenthood    1    2    2    2    5    5
## 691    327860138       Minimum_Wage    3    1    1    2    1    1
## 692    327860138       Tax_Increase    3    1    1    2    1    1
## 693    327860138           Abortion    3    1    1    2    1    1
## 694    327860138         Immigration    3    1    1    2    1    1
## 695    327860138        School_Guns    3    1    1    2    1    1
## 696    327860138     Iran_Agreement    3    1    1    2    1    1
## 697    327860138        Health_Care    3    1    1    2    1    1
## 698    327860138     Guns_Background    3    1    1    2    1    1
## 699    327860138     Climate_Change    3    1    1    2    1    1
## 700    327860138 Planned_Parenthood    3    1    1    2    1    1
## 701    327862278       Minimum_Wage    1    2    1    2    3    5
## 702    327862278       Tax_Increase    1    2    1    2    3    5
## 703    327862278           Abortion    1    2    1    2    3    5
## 704    327862278         Immigration    1    2    1    2    3    5
## 705    327862278        School_Guns    1    2    1    2    3    5
## 706    327862278     Iran_Agreement    1    2    1    2    3    5
## 707    327862278        Health_Care    1    2    1    2    3    5
## 708    327862278     Guns_Background    1    2    1    2    3    5
```

```
## 709 327862278        Climate_Change      1    2    1    2    3    5
## 710 327862278 Planned_Parenthood        1    2    1    2    3    5
## 711 327862378        Minimum_Wage        3    1    1    3    5    4
## 712 327862378        Tax_Increase        3    1    1    3    5    4
## 713 327862378            Abortion        3    1    1    3    5    4
## 714 327862378         Immigration        3    1    1    3    5    4
## 715 327862378         School_Guns        3    1    1    3    5    4
## 716 327862378       Iran_Agreement       3    1    1    3    5    4
## 717 327862378          Health_Care       3    1    1    3    5    4
## 718 327862378       Guns_Background      3    1    1    3    5    4
## 719 327862378        Climate_Change      3    1    1    3    5    4
## 720 327862378 Planned_Parenthood        3    1    1    3    5    4
## 721 327862535        Minimum_Wage        3    1    1    1    1    6
## 722 327862535        Tax_Increase        3    1    1    1    1    6
## 723 327862535            Abortion        3    1    1    1    1    6
## 724 327862535         Immigration        3    1    1    1    1    6
## 725 327862535         School_Guns        3    1    1    1    1    6
## 726 327862535       Iran_Agreement       3    1    1    1    1    6
## 727 327862535          Health_Care       3    1    1    1    1    6
## 728 327862535       Guns_Background      3    1    1    1    1    6
## 729 327862535        Climate_Change      3    1    1    1    1    6
## 730 327862535 Planned_Parenthood        3    1    1    1    1    6
## 731 327862594        Minimum_Wage        1    2    1    2    6    2
## 732 327862594        Tax_Increase        1    2    1    2    6    2
## 733 327862594            Abortion        1    2    1    2    6    2
## 734 327862594         Immigration        1    2    1    2    6    2
## 735 327862594         School_Guns        1    2    1    2    6    2
## 736 327862594       Iran_Agreement       1    2    1    2    6    2
## 737 327862594          Health_Care       1    2    1    2    6    2
## 738 327862594       Guns_Background      1    2    1    2    6    2
## 739 327862594        Climate_Change      1    2    1    2    6    2
## 740 327862594 Planned_Parenthood        1    2    1    2    6    2
## 741 327862675        Minimum_Wage        3    1    1    6    5    1
## 742 327862675        Tax_Increase        3    1    1    6    5    1
## 743 327862675            Abortion        3    1    1    6    5    1
## 744 327862675         Immigration        3    1    1    6    5    1
## 745 327862675         School_Guns        3    1    1    6    5    1
## 746 327862675       Iran_Agreement       3    1    1    6    5    1
## 747 327862675          Health_Care       3    1    1    6    5    1
## 748 327862675       Guns_Background      3    1    1    6    5    1
## 749 327862675        Climate_Change      3    1    1    6    5    1
## 750 327862675 Planned_Parenthood        3    1    1    6    5    1
## 751 327862701        Minimum_Wage        1    2    1    2    1    5
## 752 327862701        Tax_Increase        1    2    1    2    1    5
## 753 327862701            Abortion        1    2    1    2    1    5
## 754 327862701         Immigration        1    2    1    2    1    5
## 755 327862701         School_Guns        1    2    1    2    1    5
## 756 327862701       Iran_Agreement       1    2    1    2    1    5
## 757 327862701          Health_Care       1    2    1    2    1    5
## 758 327862701       Guns_Background      1    2    1    2    1    5
## 759 327862701        Climate_Change      1    2    1    2    1    5
## 760 327862701 Planned_Parenthood        1    2    1    2    1    5
## 761 327862707        Minimum_Wage        2    2    1    4    3    1
## 762 327862707        Tax_Increase        2    2    1    4    3    1
```

```
## 763  327862707          Abortion   2   2   1   4   3   1
## 764  327862707        Immigration   2   2   1   4   3   1
## 765  327862707        School_Guns   2   2   1   4   3   1
## 766  327862707     Iran_Agreement   2   2   1   4   3   1
## 767  327862707        Health_Care   2   2   1   4   3   1
## 768  327862707    Guns_Background   2   2   1   4   3   1
## 769  327862707     Climate_Change   2   2   1   4   3   1
## 770  327862707 Planned_Parenthood   2   2   1   4   3   1
## 771  327862892       Minimum_Wage   3   1   1   5   2   1
## 772  327862892       Tax_Increase   3   1   1   5   2   1
## 773  327862892           Abortion   3   1   1   5   2   1
## 774  327862892        Immigration   3   1   1   5   2   1
## 775  327862892        School_Guns   3   1   1   5   2   1
## 776  327862892     Iran_Agreement   3   1   1   5   2   1
## 777  327862892        Health_Care   3   1   1   5   2   1
## 778  327862892    Guns_Background   3   1   1   5   2   1
## 779  327862892     Climate_Change   3   1   1   5   2   1
## 780  327862892 Planned_Parenthood   3   1   1   5   2   1
## 781  327864775       Minimum_Wage   3   2   3   1   1   9
## 782  327864775       Tax_Increase   3   2   3   1   1   9
## 783  327864775           Abortion   3   2   3   1   1   9
## 784  327864775        Immigration   3   2   3   1   1   9
## 785  327864775        School_Guns   3   2   3   1   1   9
## 786  327864775     Iran_Agreement   3   2   3   1   1   9
## 787  327864775        Health_Care   3   2   3   1   1   9
## 788  327864775    Guns_Background   3   2   3   1   1   9
## 789  327864775     Climate_Change   3   2   3   1   1   9
## 790  327864775 Planned_Parenthood   3   2   3   1   1   9
## 791  327864783       Minimum_Wage   3   1   1   2   1   5
## 792  327864783       Tax_Increase   3   1   1   2   1   5
## 793  327864783           Abortion   3   1   1   2   1   5
## 794  327864783        Immigration   3   1   1   2   1   5
## 795  327864783        School_Guns   3   1   1   2   1   5
## 796  327864783     Iran_Agreement   3   1   1   2   1   5
## 797  327864783        Health_Care   3   1   1   2   1   5
## 798  327864783    Guns_Background   3   1   1   2   1   5
## 799  327864783     Climate_Change   3   1   1   2   1   5
## 800  327864783 Planned_Parenthood   3   1   1   2   1   5
## 801  327864875       Minimum_Wage   3   2   2   5   5   1
## 802  327864875       Tax_Increase   3   2   2   5   5   1
## 803  327864875           Abortion   3   2   2   5   5   1
## 804  327864875        Immigration   3   2   2   5   5   1
## 805  327864875        School_Guns   3   2   2   5   5   1
## 806  327864875     Iran_Agreement   3   2   2   5   5   1
## 807  327864875        Health_Care   3   2   2   5   5   1
## 808  327864875    Guns_Background   3   2   2   5   5   1
## 809  327864875     Climate_Change   3   2   2   5   5   1
## 810  327864875 Planned_Parenthood   3   2   2   5   5   1
## 811  327864897       Minimum_Wage   1   2   1   2   1   7
## 812  327864897       Tax_Increase   1   2   1   2   1   7
## 813  327864897           Abortion   1   2   1   2   1   7
## 814  327864897        Immigration   1   2   1   2   1   7
## 815  327864897        School_Guns   1   2   1   2   1   7
## 816  327864897     Iran_Agreement   1   2   1   2   1   7
```

```
## 817 327864897       Health_Care          1   2   1   2   1   7
## 818 327864897    Guns_Background          1   2   1   2   1   7
## 819 327864897     Climate_Change          1   2   1   2   1   7
## 820 327864897 Planned_Parenthood          1   2   1   2   1   7
## 821 327864948       Minimum_Wage          3   1   1   3   5   1
## 822 327864948       Tax_Increase          3   1   1   3   5   1
## 823 327864948           Abortion          3   1   1   3   5   1
## 824 327864948        Immigration          3   1   1   3   5   1
## 825 327864948        School_Guns          3   1   1   3   5   1
## 826 327864948      Iran_Agreement          3   1   1   3   5   1
## 827 327864948        Health_Care          3   1   1   3   5   1
## 828 327864948    Guns_Background          3   1   1   3   5   1
## 829 327864948     Climate_Change          3   1   1   3   5   1
## 830 327864948 Planned_Parenthood          3   1   1   3   5   1
## 831 327865111       Minimum_Wage          3   2   1   3   1   5
## 832 327865111       Tax_Increase          3   2   1   3   1   5
## 833 327865111           Abortion          3   2   1   3   1   5
## 834 327865111        Immigration          3   2   1   3   1   5
## 835 327865111        School_Guns          3   2   1   3   1   5
## 836 327865111      Iran_Agreement          3   2   1   3   1   5
## 837 327865111        Health_Care          3   2   1   3   1   5
## 838 327865111    Guns_Background          3   2   1   3   1   5
## 839 327865111     Climate_Change          3   2   1   3   1   5
## 840 327865111 Planned_Parenthood          3   2   1   3   1   5
## 841 327865142       Minimum_Wage          3   1   1   2   1   5
## 842 327865142       Tax_Increase          3   1   1   2   1   5
## 843 327865142           Abortion          3   1   1   2   1   5
## 844 327865142        Immigration          3   1   1   2   1   5
## 845 327865142        School_Guns          3   1   1   2   1   5
## 846 327865142      Iran_Agreement          3   1   1   2   1   5
## 847 327865142        Health_Care          3   1   1   2   1   5
## 848 327865142    Guns_Background          3   1   1   2   1   5
## 849 327865142     Climate_Change          3   1   1   2   1   5
## 850 327865142 Planned_Parenthood          3   1   1   2   1   5
## 851 327865152       Minimum_Wage          3   2   1   2   6   7
## 852 327865152       Tax_Increase          3   2   1   2   6   7
## 853 327865152           Abortion          3   2   1   2   6   7
## 854 327865152        Immigration          3   2   1   2   6   7
## 855 327865152        School_Guns          3   2   1   2   6   7
## 856 327865152      Iran_Agreement          3   2   1   2   6   7
## 857 327865152        Health_Care          3   2   1   2   6   7
## 858 327865152    Guns_Background          3   2   1   2   6   7
## 859 327865152     Climate_Change          3   2   1   2   6   7
## 860 327865152 Planned_Parenthood          3   2   1   2   6   7
## 861 327865243       Minimum_Wage          2   2   1   2   1   5
## 862 327865243       Tax_Increase          2   2   1   2   1   5
## 863 327865243           Abortion          2   2   1   2   1   5
## 864 327865243        Immigration          2   2   1   2   1   5
## 865 327865243        School_Guns          2   2   1   2   1   5
## 866 327865243      Iran_Agreement          2   2   1   2   1   5
## 867 327865243        Health_Care          2   2   1   2   1   5
## 868 327865243    Guns_Background          2   2   1   2   1   5
## 869 327865243     Climate_Change          2   2   1   2   1   5
## 870 327865243 Planned_Parenthood          2   2   1   2   1   5
```

```
## 871  327865246       Minimum_Wage       3    2   1   3   1   5
## 872  327865246        Tax_Increase       3    2   1   3   1   5
## 873  327865246            Abortion       3    2   1   3   1   5
## 874  327865246         Immigration       3    2   1   3   1   5
## 875  327865246         School_Guns       3    2   1   3   1   5
## 876  327865246       Iran_Agreement      3    2   1   3   1   5
## 877  327865246         Health_Care       3    2   1   3   1   5
## 878  327865246      Guns_Background      3    2   1   3   1   5
## 879  327865246      Climate_Change      3    2   1   3   1   5
## 880  327865246 Planned_Parenthood       3    2   1   3   1   5
## 881  327867384       Minimum_Wage       3    2   1   5   1   2
## 882  327867384        Tax_Increase       3    2   1   5   1   2
## 883  327867384            Abortion       3    2   1   5   1   2
## 884  327867384         Immigration       3    2   1   5   1   2
## 885  327867384         School_Guns       3    2   1   5   1   2
## 886  327867384       Iran_Agreement      3    2   1   5   1   2
## 887  327867384         Health_Care       3    2   1   5   1   2
## 888  327867384      Guns_Background      3    2   1   5   1   2
## 889  327867384      Climate_Change      3    2   1   5   1   2
## 890  327867384 Planned_Parenthood       3    2   1   5   1   2
## 891  327867947       Minimum_Wage       3    1   1   2   3   5
## 892  327867947        Tax_Increase       3    1   1   2   3   5
## 893  327867947            Abortion       3    1   1   2   3   5
## 894  327867947         Immigration       3    1   1   2   3   5
## 895  327867947         School_Guns       3    1   1   2   3   5
## 896  327867947       Iran_Agreement      3    1   1   2   3   5
## 897  327867947         Health_Care       3    1   1   2   3   5
## 898  327867947      Guns_Background      3    1   1   2   3   5
## 899  327867947      Climate_Change      3    1   1   2   3   5
## 900  327867947 Planned_Parenthood       3    1   1   2   3   5
## 901  327867956       Minimum_Wage       3    2   1   2   3   5
## 902  327867956        Tax_Increase       3    2   1   2   3   5
## 903  327867956            Abortion       3    2   1   2   3   5
## 904  327867956         Immigration       3    2   1   2   3   5
## 905  327867956         School_Guns       3    2   1   2   3   5
## 906  327867956       Iran_Agreement      3    2   1   2   3   5
## 907  327867956         Health_Care       3    2   1   2   3   5
## 908  327867956      Guns_Background      3    2   1   2   3   5
## 909  327867956      Climate_Change      3    2   1   2   3   5
## 910  327867956 Planned_Parenthood       3    2   1   2   3   5
## 911  327867969       Minimum_Wage       3    2   3   6   1   2
## 912  327867969        Tax_Increase       3    2   3   6   1   2
## 913  327867969            Abortion       3    2   3   6   1   2
## 914  327867969         Immigration       3    2   3   6   1   2
## 915  327867969         School_Guns       3    2   3   6   1   2
## 916  327867969       Iran_Agreement      3    2   3   6   1   2
## 917  327867969         Health_Care       3    2   3   6   1   2
## 918  327867969      Guns_Background      3    2   3   6   1   2
## 919  327867969      Climate_Change      3    2   3   6   1   2
## 920  327867969 Planned_Parenthood       3    2   3   6   1   2
## 921  327867993       Minimum_Wage       3    2   1   2   4   2
## 922  327867993        Tax_Increase       3    2   1   2   4   2
## 923  327867993            Abortion       3    2   1   2   4   2
## 924  327867993         Immigration       3    2   1   2   4   2
```

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## 925  327867993         School_Guns    3    2    1    2    4    2
## 926  327867993       Iran_Agreement    3    2    1    2    4    2
## 927  327867993          Health_Care    3    2    1    2    4    2
## 928  327867993      Guns_Background    3    2    1    2    4    2
## 929  327867993       Climate_Change    3    2    1    2    4    2
## 930  327867993 Planned_Parenthood    3    2    1    2    4    2
## 931  327870340         Minimum_Wage    1    2    1    5    1    2
## 932  327870340         Tax_Increase    1    2    1    5    1    2
## 933  327870340             Abortion    1    2    1    5    1    2
## 934  327870340          Immigration    1    2    1    5    1    2
## 935  327870340          School_Guns    1    2    1    5    1    2
## 936  327870340       Iran_Agreement    1    2    1    5    1    2
## 937  327870340          Health_Care    1    2    1    5    1    2
## 938  327870340      Guns_Background    1    2    1    5    1    2
## 939  327870340       Climate_Change    1    2    1    5    1    2
## 940  327870340 Planned_Parenthood    1    2    1    5    1    2
## 941  327870631         Minimum_Wage    2    2    1    4    3    4
## 942  327870631         Tax_Increase    2    2    1    4    3    4
## 943  327870631             Abortion    2    2    1    4    3    4
## 944  327870631          Immigration    2    2    1    4    3    4
## 945  327870631          School_Guns    2    2    1    4    3    4
## 946  327870631       Iran_Agreement    2    2    1    4    3    4
## 947  327870631          Health_Care    2    2    1    4    3    4
## 948  327870631      Guns_Background    2    2    1    4    3    4
## 949  327870631       Climate_Change    2    2    1    4    3    4
## 950  327870631 Planned_Parenthood    2    2    1    4    3    4
## 951  327870647         Minimum_Wage    2    2    2    4    5    6
## 952  327870647         Tax_Increase    2    2    2    4    5    6
## 953  327870647             Abortion    2    2    2    4    5    6
## 954  327870647          Immigration    2    2    2    4    5    6
## 955  327870647          School_Guns    2    2    2    4    5    6
## 956  327870647       Iran_Agreement    2    2    2    4    5    6
## 957  327870647          Health_Care    2    2    2    4    5    6
## 958  327870647      Guns_Background    2    2    2    4    5    6
## 959  327870647       Climate_Change    2    2    2    4    5    6
## 960  327870647 Planned_Parenthood    2    2    2    4    5    6
## 961  327870900         Minimum_Wage    1    2    2    2    5    5
## 962  327870900         Tax_Increase    1    2    2    2    5    5
## 963  327870900             Abortion    1    2    2    2    5    5
## 964  327870900          Immigration    1    2    2    2    5    5
## 965  327870900          School_Guns    1    2    2    2    5    5
## 966  327870900       Iran_Agreement    1    2    2    2    5    5
## 967  327870900          Health_Care    1    2    2    2    5    5
## 968  327870900      Guns_Background    1    2    2    2    5    5
## 969  327870900       Climate_Change    1    2    2    2    5    5
## 970  327870900 Planned_Parenthood    1    2    2    2    5    5
## 971  327870946         Minimum_Wage    2    2    2    3    1    1
## 972  327870946         Tax_Increase    2    2    2    3    1    1
## 973  327870946             Abortion    2    2    2    3    1    1
## 974  327870946          Immigration    2    2    2    3    1    1
## 975  327870946          School_Guns    2    2    2    3    1    1
## 976  327870946       Iran_Agreement    2    2    2    3    1    1
## 977  327870946          Health_Care    2    2    2    3    1    1
## 978  327870946      Guns_Background    2    2    2    3    1    1
```

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## 979  327870946     Climate_Change    2   2   2   3   1   1
## 980  327870946 Planned_Parenthood    2   2   2   3   1   1
## 981  327871246       Minimum_Wage    3   2   1   3   4   2
## 982  327871246       Tax_Increase    3   2   1   3   4   2
## 983  327871246           Abortion    3   2   1   3   4   2
## 984  327871246        Immigration    3   2   1   3   4   2
## 985  327871246        School_Guns    3   2   1   3   4   2
## 986  327871246      Iran_Agreement    3   2   1   3   4   2
## 987  327871246         Health_Care    3   2   1   3   4   2
## 988  327871246     Guns_Background    3   2   1   3   4   2
## 989  327871246     Climate_Change    3   2   1   3   4   2
## 990  327871246 Planned_Parenthood    3   2   1   3   4   2
## 991  327874111       Minimum_Wage    2   1   3   6   5   1
## 992  327874111       Tax_Increase    2   1   3   6   5   1
## 993  327874111           Abortion    2   1   3   6   5   1
## 994  327874111        Immigration    2   1   3   6   5   1
## 995  327874111        School_Guns    2   1   3   6   5   1
## 996  327874111      Iran_Agreement    2   1   3   6   5   1
## 997  327874111         Health_Care    2   1   3   6   5   1
## 998  327874111     Guns_Background    2   1   3   6   5   1
## 999  327874111     Climate_Change    2   1   3   6   5   1
## 1000 327874111 Planned_Parenthood    2   1   3   6   5   1
## 1001 327874188       Minimum_Wage    3   2   1   3   1   4
## 1002 327874188       Tax_Increase    3   2   1   3   1   4
## 1003 327874188           Abortion    3   2   1   3   1   4
## 1004 327874188        Immigration    3   2   1   3   1   4
## 1005 327874188        School_Guns    3   2   1   3   1   4
## 1006 327874188      Iran_Agreement    3   2   1   3   1   4
## 1007 327874188         Health_Care    3   2   1   3   1   4
## 1008 327874188     Guns_Background    3   2   1   3   1   4
## 1009 327874188     Climate_Change    3   2   1   3   1   4
## 1010 327874188 Planned_Parenthood    3   2   1   3   1   4
## 1011 327874316       Minimum_Wage    2   1   1   3   5   4
## 1012 327874316       Tax_Increase    2   1   1   3   5   4
## 1013 327874316           Abortion    2   1   1   3   5   4
## 1014 327874316        Immigration    2   1   1   3   5   4
## 1015 327874316        School_Guns    2   1   1   3   5   4
## 1016 327874316      Iran_Agreement    2   1   1   3   5   4
## 1017 327874316         Health_Care    2   1   1   3   5   4
## 1018 327874316     Guns_Background    2   1   1   3   5   4
## 1019 327874316     Climate_Change    2   1   1   3   5   4
## 1020 327874316 Planned_Parenthood    2   1   1   3   5   4
## 1021 327874436       Minimum_Wage    2   2   1   6   1   1
## 1022 327874436       Tax_Increase    2   2   1   6   1   1
## 1023 327874436           Abortion    2   2   1   6   1   1
## 1024 327874436        Immigration    2   2   1   6   1   1
## 1025 327874436        School_Guns    2   2   1   6   1   1
## 1026 327874436      Iran_Agreement    2   2   1   6   1   1
## 1027 327874436         Health_Care    2   2   1   6   1   1
## 1028 327874436     Guns_Background    2   2   1   6   1   1
## 1029 327874436     Climate_Change    2   2   1   6   1   1
## 1030 327874436 Planned_Parenthood    2   2   1   6   1   1
## 1031 327876942       Minimum_Wage    3   1   1   5   2   2
## 1032 327876942       Tax_Increase    3   1   1   5   2   2
```

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## 1033 327876942          Abortion  3  1  1  5  2  2
## 1034 327876942       Immigration  3  1  1  5  2  2
## 1035 327876942       School_Guns  3  1  1  5  2  2
## 1036 327876942    Iran_Agreement  3  1  1  5  2  2
## 1037 327876942       Health_Care  3  1  1  5  2  2
## 1038 327876942   Guns_Background  3  1  1  5  2  2
## 1039 327876942    Climate_Change  3  1  1  5  2  2
## 1040 327876942 Planned_Parenthood  3  1  1  5  2  2
## 1041 327877332      Minimum_Wage  2  1  1  3  1  6
## 1042 327877332      Tax_Increase  2  1  1  3  1  6
## 1043 327877332          Abortion  2  1  1  3  1  6
## 1044 327877332       Immigration  2  1  1  3  1  6
## 1045 327877332       School_Guns  2  1  1  3  1  6
## 1046 327877332    Iran_Agreement  2  1  1  3  1  6
## 1047 327877332       Health_Care  2  1  1  3  1  6
## 1048 327877332   Guns_Background  2  1  1  3  1  6
## 1049 327877332    Climate_Change  2  1  1  3  1  6
## 1050 327877332 Planned_Parenthood  2  1  1  3  1  6
## 1051 327877749      Minimum_Wage  3  2  1  3  1  7
## 1052 327877749      Tax_Increase  3  2  1  3  1  7
## 1053 327877749          Abortion  3  2  1  3  1  7
## 1054 327877749       Immigration  3  2  1  3  1  7
## 1055 327877749       School_Guns  3  2  1  3  1  7
## 1056 327877749    Iran_Agreement  3  2  1  3  1  7
## 1057 327877749       Health_Care  3  2  1  3  1  7
## 1058 327877749   Guns_Background  3  2  1  3  1  7
## 1059 327877749    Climate_Change  3  2  1  3  1  7
## 1060 327877749 Planned_Parenthood  3  2  1  3  1  7
## 1061 327877822      Minimum_Wage  3  2  1  3  1  2
## 1062 327877822      Tax_Increase  3  2  1  3  1  2
## 1063 327877822          Abortion  3  2  1  3  1  2
## 1064 327877822       Immigration  3  2  1  3  1  2
## 1065 327877822       School_Guns  3  2  1  3  1  2
## 1066 327877822    Iran_Agreement  3  2  1  3  1  2
## 1067 327877822       Health_Care  3  2  1  3  1  2
## 1068 327877822   Guns_Background  3  2  1  3  1  2
## 1069 327877822    Climate_Change  3  2  1  3  1  2
## 1070 327877822 Planned_Parenthood  3  2  1  3  1  2
## 1071 327880069      Minimum_Wage  2  2  4  5  5  2
## 1072 327880069      Tax_Increase  2  2  4  5  5  2
## 1073 327880069          Abortion  2  2  4  5  5  2
## 1074 327880069       Immigration  2  2  4  5  5  2
## 1075 327880069       School_Guns  2  2  4  5  5  2
## 1076 327880069    Iran_Agreement  2  2  4  5  5  2
## 1077 327880069       Health_Care  2  2  4  5  5  2
## 1078 327880069   Guns_Background  2  2  4  5  5  2
## 1079 327880069    Climate_Change  2  2  4  5  5  2
## 1080 327880069 Planned_Parenthood  2  2  4  5  5  2
## 1081 327880354      Minimum_Wage  3  2  1  4  1  2
## 1082 327880354      Tax_Increase  3  2  1  4  1  2
## 1083 327880354          Abortion  3  2  1  4  1  2
## 1084 327880354       Immigration  3  2  1  4  1  2
## 1085 327880354       School_Guns  3  2  1  4  1  2
## 1086 327880354    Iran_Agreement  3  2  1  4  1  2
```

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## 1087 327880354          Health_Care      3    2    1    4    1    2
## 1088 327880354      Guns_Background      3    2    1    4    1    2
## 1089 327880354       Climate_Change      3    2    1    4    1    2
## 1090 327880354 Planned_Parenthood      3    2    1    4    1    2
## 1091 327880739         Minimum_Wage      3    2    1    2    1    5
## 1092 327880739         Tax_Increase      3    2    1    2    1    5
## 1093 327880739             Abortion      3    2    1    2    1    5
## 1094 327880739          Immigration      3    2    1    2    1    5
## 1095 327880739          School_Guns      3    2    1    2    1    5
## 1096 327880739        Iran_Agreement      3    2    1    2    1    5
## 1097 327880739          Health_Care      3    2    1    2    1    5
## 1098 327880739      Guns_Background      3    2    1    2    1    5
## 1099 327880739       Climate_Change      3    2    1    2    1    5
## 1100 327880739 Planned_Parenthood      3    2    1    2    1    5
## 1101 327880817         Minimum_Wage      3    2    2    3    3    5
## 1102 327880817         Tax_Increase      3    2    2    3    3    5
## 1103 327880817             Abortion      3    2    2    3    3    5
## 1104 327880817          Immigration      3    2    2    3    3    5
## 1105 327880817          School_Guns      3    2    2    3    3    5
## 1106 327880817        Iran_Agreement      3    2    2    3    3    5
## 1107 327880817          Health_Care      3    2    2    3    3    5
## 1108 327880817      Guns_Background      3    2    2    3    3    5
## 1109 327880817       Climate_Change      3    2    2    3    3    5
## 1110 327880817 Planned_Parenthood      3    2    2    3    3    5
## 1111 327880895         Minimum_Wage      1    2    1    3    4    5
## 1112 327880895         Tax_Increase      1    2    1    3    4    5
## 1113 327880895             Abortion      1    2    1    3    4    5
## 1114 327880895          Immigration      1    2    1    3    4    5
## 1115 327880895          School_Guns      1    2    1    3    4    5
## 1116 327880895        Iran_Agreement      1    2    1    3    4    5
## 1117 327880895          Health_Care      1    2    1    3    4    5
## 1118 327880895      Guns_Background      1    2    1    3    4    5
## 1119 327880895       Climate_Change      1    2    1    3    4    5
## 1120 327880895 Planned_Parenthood      1    2    1    3    4    5
## 1121 327883165         Minimum_Wage      1    1    1    6    1    1
## 1122 327883165         Tax_Increase      1    1    1    6    1    1
## 1123 327883165             Abortion      1    1    1    6    1    1
## 1124 327883165          Immigration      1    1    1    6    1    1
## 1125 327883165          School_Guns      1    1    1    6    1    1
## 1126 327883165        Iran_Agreement      1    1    1    6    1    1
## 1127 327883165          Health_Care      1    1    1    6    1    1
## 1128 327883165      Guns_Background      1    1    1    6    1    1
## 1129 327883165       Climate_Change      1    1    1    6    1    1
## 1130 327883165 Planned_Parenthood      1    1    1    6    1    1
## 1131 327883733         Minimum_Wage      3    2    1    6    3    1
## 1132 327883733         Tax_Increase      3    2    1    6    3    1
## 1133 327883733             Abortion      3    2    1    6    3    1
## 1134 327883733          Immigration      3    2    1    6    3    1
## 1135 327883733          School_Guns      3    2    1    6    3    1
## 1136 327883733        Iran_Agreement      3    2    1    6    3    1
## 1137 327883733          Health_Care      3    2    1    6    3    1
## 1138 327883733      Guns_Background      3    2    1    6    3    1
## 1139 327883733       Climate_Change      3    2    1    6    3    1
## 1140 327883733 Planned_Parenthood      3    2    1    6    3    1
```

```
## 1141 327883768         Minimum_Wage      3    2    1    2    1    5
## 1142 327883768         Tax_Increase      3    2    1    2    1    5
## 1143 327883768             Abortion      3    2    1    2    1    5
## 1144 327883768          Immigration      3    2    1    2    1    5
## 1145 327883768          School_Guns      3    2    1    2    1    5
## 1146 327883768        Iran_Agreement      3    2    1    2    1    5
## 1147 327883768          Health_Care      3    2    1    2    1    5
## 1148 327883768       Guns_Background      3    2    1    2    1    5
## 1149 327883768        Climate_Change      3    2    1    2    1    5
## 1150 327883768 Planned_Parenthood      3    2    1    2    1    5
## 1151 327883913         Minimum_Wage      3    2    1    2    1    5
## 1152 327883913         Tax_Increase      3    2    1    2    1    5
## 1153 327883913             Abortion      3    2    1    2    1    5
## 1154 327883913          Immigration      3    2    1    2    1    5
## 1155 327883913          School_Guns      3    2    1    2    1    5
## 1156 327883913        Iran_Agreement      3    2    1    2    1    5
## 1157 327883913          Health_Care      3    2    1    2    1    5
## 1158 327883913       Guns_Background      3    2    1    2    1    5
## 1159 327883913        Climate_Change      3    2    1    2    1    5
## 1160 327883913 Planned_Parenthood      3    2    1    2    1    5
## 1161 327884018         Minimum_Wage      2    2    1    2    1    5
## 1162 327884018         Tax_Increase      2    2    1    2    1    5
## 1163 327884018             Abortion      2    2    1    2    1    5
## 1164 327884018          Immigration      2    2    1    2    1    5
## 1165 327884018          School_Guns      2    2    1    2    1    5
## 1166 327884018        Iran_Agreement      2    2    1    2    1    5
## 1167 327884018          Health_Care      2    2    1    2    1    5
## 1168 327884018       Guns_Background      2    2    1    2    1    5
## 1169 327884018        Climate_Change      2    2    1    2    1    5
## 1170 327884018 Planned_Parenthood      2    2    1    2    1    5
## 1171 327889772         Minimum_Wage      3    1    1    4    1    1
## 1172 327889772         Tax_Increase      3    1    1    4    1    1
## 1173 327889772             Abortion      3    1    1    4    1    1
## 1174 327889772          Immigration      3    1    1    4    1    1
## 1175 327889772          School_Guns      3    1    1    4    1    1
## 1176 327889772        Iran_Agreement      3    1    1    4    1    1
## 1177 327889772          Health_Care      3    1    1    4    1    1
## 1178 327889772       Guns_Background      3    1    1    4    1    1
## 1179 327889772        Climate_Change      3    1    1    4    1    1
## 1180 327889772 Planned_Parenthood      3    1    1    4    1    1
## 1181 327889775         Minimum_Wage      2    1    1    2    5    9
## 1182 327889775         Tax_Increase      2    1    1    2    5    9
## 1183 327889775             Abortion      2    1    1    2    5    9
## 1184 327889775          Immigration      2    1    1    2    5    9
## 1185 327889775          School_Guns      2    1    1    2    5    9
## 1186 327889775        Iran_Agreement      2    1    1    2    5    9
## 1187 327889775          Health_Care      2    1    1    2    5    9
## 1188 327889775       Guns_Background      2    1    1    2    5    9
## 1189 327889775        Climate_Change      2    1    1    2    5    9
## 1190 327889775 Planned_Parenthood      2    1    1    2    5    9
## 1191 327892369         Minimum_Wage      2    1    1    3    1    5
## 1192 327892369         Tax_Increase      2    1    1    3    1    5
## 1193 327892369             Abortion      2    1    1    3    1    5
## 1194 327892369          Immigration      2    1    1    3    1    5
```

```
## 1195 327892369        School_Guns        2   1   1   3   1   5
## 1196 327892369      Iran_Agreement        2   1   1   3   1   5
## 1197 327892369         Health_Care        2   1   1   3   1   5
## 1198 327892369      Guns_Background        2   1   1   3   1   5
## 1199 327892369      Climate_Change        2   1   1   3   1   5
## 1200 327892369 Planned_Parenthood        2   1   1   3   1   5
## 1201 327892395        Minimum_Wage        3   1   6   5   5   2
## 1202 327892395         Tax_Increase        3   1   6   5   5   2
## 1203 327892395             Abortion        3   1   6   5   5   2
## 1204 327892395           Immigration        3   1   6   5   5   2
## 1205 327892395          School_Guns        3   1   6   5   5   2
## 1206 327892395       Iran_Agreement        3   1   6   5   5   2
## 1207 327892395          Health_Care        3   1   6   5   5   2
## 1208 327892395       Guns_Background        3   1   6   5   5   2
## 1209 327892395       Climate_Change        3   1   6   5   5   2
## 1210 327892395  Planned_Parenthood        3   1   6   5   5   2
## 1211 327892729        Minimum_Wage        3   1   1   3   5   8
## 1212 327892729         Tax_Increase        3   1   1   3   5   8
## 1213 327892729             Abortion        3   1   1   3   5   8
## 1214 327892729           Immigration        3   1   1   3   5   8
## 1215 327892729          School_Guns        3   1   1   3   5   8
## 1216 327892729       Iran_Agreement        3   1   1   3   5   8
## 1217 327892729          Health_Care        3   1   1   3   5   8
## 1218 327892729       Guns_Background        3   1   1   3   5   8
## 1219 327892729       Climate_Change        3   1   1   3   5   8
## 1220 327892729  Planned_Parenthood        3   1   1   3   5   8
## 1221 327896920        Minimum_Wage        1   2   1   3   6   1
## 1222 327896920         Tax_Increase        1   2   1   3   6   1
## 1223 327896920             Abortion        1   2   1   3   6   1
## 1224 327896920           Immigration        1   2   1   3   6   1
## 1225 327896920          School_Guns        1   2   1   3   6   1
## 1226 327896920       Iran_Agreement        1   2   1   3   6   1
## 1227 327896920          Health_Care        1   2   1   3   6   1
## 1228 327896920       Guns_Background        1   2   1   3   6   1
## 1229 327896920       Climate_Change        1   2   1   3   6   1
## 1230 327896920  Planned_Parenthood        1   2   1   3   6   1
## 1231 327897873        Minimum_Wage        2   1   1   5   5   1
## 1232 327897873         Tax_Increase        2   1   1   5   5   1
## 1233 327897873             Abortion        2   1   1   5   5   1
## 1234 327897873           Immigration        2   1   1   5   5   1
## 1235 327897873          School_Guns        2   1   1   5   5   1
## 1236 327897873       Iran_Agreement        2   1   1   5   5   1
## 1237 327897873          Health_Care        2   1   1   5   5   1
## 1238 327897873       Guns_Background        2   1   1   5   5   1
## 1239 327897873       Climate_Change        2   1   1   5   5   1
## 1240 327897873  Planned_Parenthood        2   1   1   5   5   1
## 1241 327898091        Minimum_Wage        3   1   2   2   3   5
## 1242 327898091         Tax_Increase        3   1   2   2   3   5
## 1243 327898091             Abortion        3   1   2   2   3   5
## 1244 327898091           Immigration        3   1   2   2   3   5
## 1245 327898091          School_Guns        3   1   2   2   3   5
## 1246 327898091       Iran_Agreement        3   1   2   2   3   5
## 1247 327898091          Health_Care        3   1   2   2   3   5
## 1248 327898091       Guns_Background        3   1   2   2   3   5
```

```
## 1249 327898091    Climate_Change       3   1   2   2   3   5
## 1250 327898091 Planned_Parenthood      3   1   2   2   3   5
## 1251 327899293       Minimum_Wage       3   1   1   2   5   6
## 1252 327899293       Tax_Increase       3   1   1   2   5   6
## 1253 327899293           Abortion       3   1   1   2   5   6
## 1254 327899293        Immigration       3   1   1   2   5   6
## 1255 327899293        School_Guns       3   1   1   2   5   6
## 1256 327899293      Iran_Agreement      3   1   1   2   5   6
## 1257 327899293        Health_Care       3   1   1   2   5   6
## 1258 327899293     Guns_Background      3   1   1   2   5   6
## 1259 327899293     Climate_Change       3   1   1   2   5   6
## 1260 327899293 Planned_Parenthood      3   1   1   2   5   6
## 1261 327901830       Minimum_Wage       3   1   1   5   5   1
## 1262 327901830       Tax_Increase       3   1   1   5   5   1
## 1263 327901830           Abortion       3   1   1   5   5   1
## 1264 327901830        Immigration       3   1   1   5   5   1
## 1265 327901830        School_Guns       3   1   1   5   5   1
## 1266 327901830      Iran_Agreement      3   1   1   5   5   1
## 1267 327901830        Health_Care       3   1   1   5   5   1
## 1268 327901830     Guns_Background      3   1   1   5   5   1
## 1269 327901830     Climate_Change       3   1   1   5   5   1
## 1270 327901830 Planned_Parenthood      3   1   1   5   5   1
## 1271 327904492       Minimum_Wage       1   1   1   5   5   1
## 1272 327904492       Tax_Increase       1   1   1   5   5   1
## 1273 327904492           Abortion       1   1   1   5   5   1
## 1274 327904492        Immigration       1   1   1   5   5   1
## 1275 327904492        School_Guns       1   1   1   5   5   1
## 1276 327904492      Iran_Agreement      1   1   1   5   5   1
## 1277 327904492        Health_Care       1   1   1   5   5   1
## 1278 327904492     Guns_Background      1   1   1   5   5   1
## 1279 327904492     Climate_Change       1   1   1   5   5   1
## 1280 327904492 Planned_Parenthood      1   1   1   5   5   1
## 1281 327907199       Minimum_Wage       3   1   1   5   5   1
## 1282 327907199       Tax_Increase       3   1   1   5   5   1
## 1283 327907199           Abortion       3   1   1   5   5   1
## 1284 327907199        Immigration       3   1   1   5   5   1
## 1285 327907199        School_Guns       3   1   1   5   5   1
## 1286 327907199      Iran_Agreement      3   1   1   5   5   1
## 1287 327907199        Health_Care       3   1   1   5   5   1
## 1288 327907199     Guns_Background      3   1   1   5   5   1
## 1289 327907199     Climate_Change       3   1   1   5   5   1
## 1290 327907199 Planned_Parenthood      3   1   1   5   5   1
## 1291 327907233       Minimum_Wage       2   1   1   5   1   1
## 1292 327907233       Tax_Increase       2   1   1   5   1   1
## 1293 327907233           Abortion       2   1   1   5   1   1
## 1294 327907233        Immigration       2   1   1   5   1   1
## 1295 327907233        School_Guns       2   1   1   5   1   1
## 1296 327907233      Iran_Agreement      2   1   1   5   1   1
## 1297 327907233        Health_Care       2   1   1   5   1   1
## 1298 327907233     Guns_Background      2   1   1   5   1   1
## 1299 327907233     Climate_Change       2   1   1   5   1   1
## 1300 327907233 Planned_Parenthood      2   1   1   5   1   1
## 1301 327907243       Minimum_Wage       3   2   1   5   1   1
## 1302 327907243       Tax_Increase       3   2   1   5   1   1
```

```
## 1303 327907243            Abortion  3  2  1  5  1  1
## 1304 327907243         Immigration  3  2  1  5  1  1
## 1305 327907243         School_Guns  3  2  1  5  1  1
## 1306 327907243      Iran_Agreement  3  2  1  5  1  1
## 1307 327907243         Health_Care  3  2  1  5  1  1
## 1308 327907243     Guns_Background  3  2  1  5  1  1
## 1309 327907243      Climate_Change  3  2  1  5  1  1
## 1310 327907243 Planned_Parenthood  3  2  1  5  1  1
## 1311 327907247        Minimum_Wage  2  2  1  5  1  2
## 1312 327907247        Tax_Increase  2  2  1  5  1  2
## 1313 327907247            Abortion  2  2  1  5  1  2
## 1314 327907247         Immigration  2  2  1  5  1  2
## 1315 327907247         School_Guns  2  2  1  5  1  2
## 1316 327907247      Iran_Agreement  2  2  1  5  1  2
## 1317 327907247         Health_Care  2  2  1  5  1  2
## 1318 327907247     Guns_Background  2  2  1  5  1  2
## 1319 327907247      Climate_Change  2  2  1  5  1  2
## 1320 327907247 Planned_Parenthood  2  2  1  5  1  2
## 1321 327907273        Minimum_Wage  3  2  6  5  4  1
## 1322 327907273        Tax_Increase  3  2  6  5  4  1
## 1323 327907273            Abortion  3  2  6  5  4  1
## 1324 327907273         Immigration  3  2  6  5  4  1
## 1325 327907273         School_Guns  3  2  6  5  4  1
## 1326 327907273      Iran_Agreement  3  2  6  5  4  1
## 1327 327907273         Health_Care  3  2  6  5  4  1
## 1328 327907273     Guns_Background  3  2  6  5  4  1
## 1329 327907273      Climate_Change  3  2  6  5  4  1
## 1330 327907273 Planned_Parenthood  3  2  6  5  4  1
## 1331 327908408        Minimum_Wage  3  2  1  3  1  5
## 1332 327908408        Tax_Increase  3  2  1  3  1  5
## 1333 327908408            Abortion  3  2  1  3  1  5
## 1334 327908408         Immigration  3  2  1  3  1  5
## 1335 327908408         School_Guns  3  2  1  3  1  5
## 1336 327908408      Iran_Agreement  3  2  1  3  1  5
## 1337 327908408         Health_Care  3  2  1  3  1  5
## 1338 327908408     Guns_Background  3  2  1  3  1  5
## 1339 327908408      Climate_Change  3  2  1  3  1  5
## 1340 327908408 Planned_Parenthood  3  2  1  3  1  5
## 1341 327908424        Minimum_Wage  1  2  1  6  1  1
## 1342 327908424        Tax_Increase  1  2  1  6  1  1
## 1343 327908424            Abortion  1  2  1  6  1  1
## 1344 327908424         Immigration  1  2  1  6  1  1
## 1345 327908424         School_Guns  1  2  1  6  1  1
## 1346 327908424      Iran_Agreement  1  2  1  6  1  1
## 1347 327908424         Health_Care  1  2  1  6  1  1
## 1348 327908424     Guns_Background  1  2  1  6  1  1
## 1349 327908424      Climate_Change  1  2  1  6  1  1
## 1350 327908424 Planned_Parenthood  1  2  1  6  1  1
## 1351 327911330        Minimum_Wage  2  2  5  5  4  5
## 1352 327911330        Tax_Increase  2  2  5  5  4  5
## 1353 327911330            Abortion  2  2  5  5  4  5
## 1354 327911330         Immigration  2  2  5  5  4  5
## 1355 327911330         School_Guns  2  2  5  5  4  5
## 1356 327911330      Iran_Agreement  2  2  5  5  4  5
```

```
## 1357 327911330          Health_Care    2    2    5    5    4    5
## 1358 327911330       Guns_Background    2    2    5    5    4    5
## 1359 327911330        Climate_Change    2    2    5    5    4    5
## 1360 327911330 Planned_Parenthood    2    2    5    5    4    5
## 1361 327914287          Minimum_Wage    1    1    1    6    1    5
## 1362 327914287          Tax_Increase    1    1    1    6    1    5
## 1363 327914287              Abortion    1    1    1    6    1    5
## 1364 327914287           Immigration    1    1    1    6    1    5
## 1365 327914287           School_Guns    1    1    1    6    1    5
## 1366 327914287         Iran_Agreement    1    1    1    6    1    5
## 1367 327914287           Health_Care    1    1    1    6    1    5
## 1368 327914287        Guns_Background    1    1    1    6    1    5
## 1369 327914287         Climate_Change    1    1    1    6    1    5
## 1370 327914287 Planned_Parenthood    1    1    1    6    1    5
## 1371 327914425          Minimum_Wage    3    2    1    5    1    1
## 1372 327914425          Tax_Increase    3    2    1    5    1    1
## 1373 327914425              Abortion    3    2    1    5    1    1
## 1374 327914425           Immigration    3    2    1    5    1    1
## 1375 327914425           School_Guns    3    2    1    5    1    1
## 1376 327914425         Iran_Agreement    3    2    1    5    1    1
## 1377 327914425           Health_Care    3    2    1    5    1    1
## 1378 327914425        Guns_Background    3    2    1    5    1    1
## 1379 327914425         Climate_Change    3    2    1    5    1    1
## 1380 327914425 Planned_Parenthood    3    2    1    5    1    1
## 1381 327917386          Minimum_Wage    1    1    1    5    4    5
## 1382 327917386          Tax_Increase    1    1    1    5    4    5
## 1383 327917386              Abortion    1    1    1    5    4    5
## 1384 327917386           Immigration    1    1    1    5    4    5
## 1385 327917386           School_Guns    1    1    1    5    4    5
## 1386 327917386         Iran_Agreement    1    1    1    5    4    5
## 1387 327917386           Health_Care    1    1    1    5    4    5
## 1388 327917386        Guns_Background    1    1    1    5    4    5
## 1389 327917386         Climate_Change    1    1    1    5    4    5
## 1390 327917386 Planned_Parenthood    1    1    1    5    4    5
## 1391 327917508          Minimum_Wage    3    2    1    5    3    5
## 1392 327917508          Tax_Increase    3    2    1    5    3    5
## 1393 327917508              Abortion    3    2    1    5    3    5
## 1394 327917508           Immigration    3    2    1    5    3    5
## 1395 327917508           School_Guns    3    2    1    5    3    5
## 1396 327917508         Iran_Agreement    3    2    1    5    3    5
## 1397 327917508           Health_Care    3    2    1    5    3    5
## 1398 327917508        Guns_Background    3    2    1    5    3    5
## 1399 327917508         Climate_Change    3    2    1    5    3    5
## 1400 327917508 Planned_Parenthood    3    2    1    5    3    5
## 1401 327919126          Minimum_Wage    3    2    2    6    5    2
## 1402 327919126          Tax_Increase    3    2    2    6    5    2
## 1403 327919126              Abortion    3    2    2    6    5    2
## 1404 327919126           Immigration    3    2    2    6    5    2
## 1405 327919126           School_Guns    3    2    2    6    5    2
## 1406 327919126         Iran_Agreement    3    2    2    6    5    2
## 1407 327919126           Health_Care    3    2    2    6    5    2
## 1408 327919126        Guns_Background    3    2    2    6    5    2
## 1409 327919126         Climate_Change    3    2    2    6    5    2
## 1410 327919126 Planned_Parenthood    3    2    2    6    5    2
```

```
## 1411 327926514          Minimum_Wage      2    1    2    3    4    6
## 1412 327926514          Tax_Increase      2    1    2    3    4    6
## 1413 327926514              Abortion      2    1    2    3    4    6
## 1414 327926514           Immigration      2    1    2    3    4    6
## 1415 327926514           School_Guns      2    1    2    3    4    6
## 1416 327926514        Iran_Agreement      2    1    2    3    4    6
## 1417 327926514           Health_Care      2    1    2    3    4    6
## 1418 327926514       Guns_Background      2    1    2    3    4    6
## 1419 327926514        Climate_Change      2    1    2    3    4    6
## 1420 327926514 Planned_Parenthood      2    1    2    3    4    6
## 1421 327926572          Minimum_Wage      2    1    1    2    1    5
## 1422 327926572          Tax_Increase      2    1    1    2    1    5
## 1423 327926572              Abortion      2    1    1    2    1    5
## 1424 327926572           Immigration      2    1    1    2    1    5
## 1425 327926572           School_Guns      2    1    1    2    1    5
## 1426 327926572        Iran_Agreement      2    1    1    2    1    5
## 1427 327926572           Health_Care      2    1    1    2    1    5
## 1428 327926572       Guns_Background      2    1    1    2    1    5
## 1429 327926572        Climate_Change      2    1    1    2    1    5
## 1430 327926572 Planned_Parenthood      2    1    1    2    1    5
## 1431 327926637          Minimum_Wage      3    1    1    2    1    2
## 1432 327926637          Tax_Increase      3    1    1    2    1    2
## 1433 327926637              Abortion      3    1    1    2    1    2
## 1434 327926637           Immigration      3    1    1    2    1    2
## 1435 327926637           School_Guns      3    1    1    2    1    2
## 1436 327926637        Iran_Agreement      3    1    1    2    1    2
## 1437 327926637           Health_Care      3    1    1    2    1    2
## 1438 327926637       Guns_Background      3    1    1    2    1    2
## 1439 327926637        Climate_Change      3    1    1    2    1    2
## 1440 327926637 Planned_Parenthood      3    1    1    2    1    2
## 1441 327926740          Minimum_Wage      1    2    2    5    4    5
## 1442 327926740          Tax_Increase      1    2    2    5    4    5
## 1443 327926740              Abortion      1    2    2    5    4    5
## 1444 327926740           Immigration      1    2    2    5    4    5
## 1445 327926740           School_Guns      1    2    2    5    4    5
## 1446 327926740        Iran_Agreement      1    2    2    5    4    5
## 1447 327926740           Health_Care      1    2    2    5    4    5
## 1448 327926740       Guns_Background      1    2    2    5    4    5
## 1449 327926740        Climate_Change      1    2    2    5    4    5
## 1450 327926740 Planned_Parenthood      1    2    2    5    4    5
## 1451 327926755          Minimum_Wage      1    2    1    2    3    5
## 1452 327926755          Tax_Increase      1    2    1    2    3    5
## 1453 327926755              Abortion      1    2    1    2    3    5
## 1454 327926755           Immigration      1    2    1    2    3    5
## 1455 327926755           School_Guns      1    2    1    2    3    5
## 1456 327926755        Iran_Agreement      1    2    1    2    3    5
## 1457 327926755           Health_Care      1    2    1    2    3    5
## 1458 327926755       Guns_Background      1    2    1    2    3    5
## 1459 327926755        Climate_Change      1    2    1    2    3    5
## 1460 327926755 Planned_Parenthood      1    2    1    2    3    5
## 1461 327926774          Minimum_Wage      3    1    1    3    1    1
## 1462 327926774          Tax_Increase      3    1    1    3    1    1
## 1463 327926774              Abortion      3    1    1    3    1    1
## 1464 327926774           Immigration      3    1    1    3    1    1
```

```
## 1465 327926774          School_Guns          3    1    1    3    1    1
## 1466 327926774       Iran_Agreement          3    1    1    3    1    1
## 1467 327926774          Health_Care          3    1    1    3    1    1
## 1468 327926774      Guns_Background          3    1    1    3    1    1
## 1469 327926774       Climate_Change          3    1    1    3    1    1
## 1470 327926774 Planned_Parenthood          3    1    1    3    1    1
## 1471 327928469         Minimum_Wage          3    2    1    4    1    6
## 1472 327928469         Tax_Increase          3    2    1    4    1    6
## 1473 327928469             Abortion          3    2    1    4    1    6
## 1474 327928469          Immigration          3    2    1    4    1    6
## 1475 327928469          School_Guns          3    2    1    4    1    6
## 1476 327928469       Iran_Agreement          3    2    1    4    1    6
## 1477 327928469          Health_Care          3    2    1    4    1    6
## 1478 327928469      Guns_Background          3    2    1    4    1    6
## 1479 327928469       Climate_Change          3    2    1    4    1    6
## 1480 327928469 Planned_Parenthood          3    2    1    4    1    6
## 1481 327929159         Minimum_Wage          1    1    1    2    1    6
## 1482 327929159         Tax_Increase          1    1    1    2    1    6
## 1483 327929159             Abortion          1    1    1    2    1    6
## 1484 327929159          Immigration          1    1    1    2    1    6
## 1485 327929159          School_Guns          1    1    1    2    1    6
## 1486 327929159       Iran_Agreement          1    1    1    2    1    6
## 1487 327929159          Health_Care          1    1    1    2    1    6
## 1488 327929159      Guns_Background          1    1    1    2    1    6
## 1489 327929159       Climate_Change          1    1    1    2    1    6
## 1490 327929159 Planned_Parenthood          1    1    1    2    1    6
## 1491 327929294         Minimum_Wage          2    2    1    2    3    1
## 1492 327929294         Tax_Increase          2    2    1    2    3    1
## 1493 327929294             Abortion          2    2    1    2    3    1
## 1494 327929294          Immigration          2    2    1    2    3    1
## 1495 327929294          School_Guns          2    2    1    2    3    1
## 1496 327929294       Iran_Agreement          2    2    1    2    3    1
## 1497 327929294          Health_Care          2    2    1    2    3    1
## 1498 327929294      Guns_Background          2    2    1    2    3    1
## 1499 327929294       Climate_Change          2    2    1    2    3    1
## 1500 327929294 Planned_Parenthood          2    2    1    2    3    1
## 1501 327929862         Minimum_Wage          2    1    1    3    1    4
## 1502 327929862         Tax_Increase          2    1    1    3    1    4
## 1503 327929862             Abortion          2    1    1    3    1    4
## 1504 327929862          Immigration          2    1    1    3    1    4
## 1505 327929862          School_Guns          2    1    1    3    1    4
## 1506 327929862       Iran_Agreement          2    1    1    3    1    4
## 1507 327929862          Health_Care          2    1    1    3    1    4
## 1508 327929862      Guns_Background          2    1    1    3    1    4
## 1509 327929862       Climate_Change          2    1    1    3    1    4
## 1510 327929862 Planned_Parenthood          2    1    1    3    1    4
## 1511 327930497         Minimum_Wage          1    2    1    2    1    7
## 1512 327930497         Tax_Increase          1    2    1    2    1    7
## 1513 327930497             Abortion          1    2    1    2    1    7
## 1514 327930497          Immigration          1    2    1    2    1    7
## 1515 327930497          School_Guns          1    2    1    2    1    7
## 1516 327930497       Iran_Agreement          1    2    1    2    1    7
## 1517 327930497          Health_Care          1    2    1    2    1    7
## 1518 327930497      Guns_Background          1    2    1    2    1    7
```

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## 1519 327930497      Climate_Change        1       2       1       2       1       7
## 1520 327930497 Planned_Parenthood         1       2       1       2       1       7
## 1521 327930780        Minimum_Wage         3       1       1       5       5       1
## 1522 327930780        Tax_Increase         3       1       1       5       5       1
## 1523 327930780            Abortion         3       1       1       5       5       1
## 1524 327930780         Immigration         3       1       1       5       5       1
## 1525 327930780         School_Guns         3       1       1       5       5       1
## 1526 327930780       Iran_Agreement        3       1       1       5       5       1
## 1527 327930780         Health_Care         3       1       1       5       5       1
## 1528 327930780      Guns_Background        3       1       1       5       5       1
## 1529 327930780      Climate_Change        3       1       1       5       5       1
## 1530 327930780 Planned_Parenthood         3       1       1       5       5       1
## 1531 327930952        Minimum_Wage         3       2       1       5       1       2
## 1532 327930952        Tax_Increase         3       2       1       5       1       2
## 1533 327930952            Abortion         3       2       1       5       1       2
## 1534 327930952         Immigration         3       2       1       5       1       2
## 1535 327930952         School_Guns         3       2       1       5       1       2
## 1536 327930952       Iran_Agreement        3       2       1       5       1       2
## 1537 327930952         Health_Care         3       2       1       5       1       2
## 1538 327930952      Guns_Background        3       2       1       5       1       2
## 1539 327930952      Climate_Change        3       2       1       5       1       2
## 1540 327930952 Planned_Parenthood         3       2       1       5       1       2
## 1541 327930976        Minimum_Wage         3       1       1       2       3       6
## 1542 327930976        Tax_Increase         3       1       1       2       3       6
## 1543 327930976            Abortion         3       1       1       2       3       6
## 1544 327930976         Immigration         3       1       1       2       3       6
## 1545 327930976         School_Guns         3       1       1       2       3       6
## 1546 327930976       Iran_Agreement        3       1       1       2       3       6
## 1547 327930976         Health_Care         3       1       1       2       3       6
## 1548 327930976      Guns_Background        3       1       1       2       3       6
## 1549 327930976      Climate_Change        3       1       1       2       3       6
## 1550 327930976 Planned_Parenthood         3       1       1       2       3       6
## 1551 327931005        Minimum_Wage         1       2       1       4       1       2
## 1552 327931005        Tax_Increase         1       2       1       4       1       2
## 1553 327931005            Abortion         1       2       1       4       1       2
## 1554 327931005         Immigration         1       2       1       4       1       2
## 1555 327931005         School_Guns         1       2       1       4       1       2
## 1556 327931005       Iran_Agreement        1       2       1       4       1       2
## 1557 327931005         Health_Care         1       2       1       4       1       2
## 1558 327931005      Guns_Background        1       2       1       4       1       2
## 1559 327931005      Climate_Change        1       2       1       4       1       2
## 1560 327931005 Planned_Parenthood         1       2       1       4       1       2
## 1561 327931048        Minimum_Wage         1       2       1       6       1       1
## 1562 327931048        Tax_Increase         1       2       1       6       1       1
## 1563 327931048            Abortion         1       2       1       6       1       1
## 1564 327931048         Immigration         1       2       1       6       1       1
## 1565 327931048         School_Guns         1       2       1       6       1       1
## 1566 327931048       Iran_Agreement        1       2       1       6       1       1
## 1567 327931048         Health_Care         1       2       1       6       1       1
## 1568 327931048      Guns_Background        1       2       1       6       1       1
## 1569 327931048      Climate_Change        1       2       1       6       1       1
## 1570 327931048 Planned_Parenthood         1       2       1       6       1       1
## 1571 327931103        Minimum_Wage         3       2       3       6       5       1
## 1572 327931103        Tax_Increase         3       2       3       6       5       1
```

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## 1573 327931103          Abortion          3   2   3   6   5   1
## 1574 327931103       Immigration          3   2   3   6   5   1
## 1575 327931103       School_Guns          3   2   3   6   5   1
## 1576 327931103    Iran_Agreement          3   2   3   6   5   1
## 1577 327931103       Health_Care          3   2   3   6   5   1
## 1578 327931103   Guns_Background          3   2   3   6   5   1
## 1579 327931103    Climate_Change          3   2   3   6   5   1
## 1580 327931103 Planned_Parenthood         3   2   3   6   5   1
## 1581 327931111      Minimum_Wage          2   1   1   3   1   5
## 1582 327931111      Tax_Increase          2   1   1   3   1   5
## 1583 327931111          Abortion          2   1   1   3   1   5
## 1584 327931111       Immigration          2   1   1   3   1   5
## 1585 327931111       School_Guns          2   1   1   3   1   5
## 1586 327931111    Iran_Agreement          2   1   1   3   1   5
## 1587 327931111       Health_Care          2   1   1   3   1   5
## 1588 327931111   Guns_Background          2   1   1   3   1   5
## 1589 327931111    Climate_Change          2   1   1   3   1   5
## 1590 327931111 Planned_Parenthood         2   1   1   3   1   5
## 1591 327931125      Minimum_Wage          3   2   1   2   3   1
## 1592 327931125      Tax_Increase          3   2   1   2   3   1
## 1593 327931125          Abortion          3   2   1   2   3   1
## 1594 327931125       Immigration          3   2   1   2   3   1
## 1595 327931125       School_Guns          3   2   1   2   3   1
## 1596 327931125    Iran_Agreement          3   2   1   2   3   1
## 1597 327931125       Health_Care          3   2   1   2   3   1
## 1598 327931125   Guns_Background          3   2   1   2   3   1
## 1599 327931125    Climate_Change          3   2   1   2   3   1
## 1600 327931125 Planned_Parenthood         3   2   1   2   3   1
## 1601 327931133      Minimum_Wage          3   2   1   1   1   1
## 1602 327931133      Tax_Increase          3   2   1   1   1   1
## 1603 327931133          Abortion          3   2   1   1   1   1
## 1604 327931133       Immigration          3   2   1   1   1   1
## 1605 327931133       School_Guns          3   2   1   1   1   1
## 1606 327931133    Iran_Agreement          3   2   1   1   1   1
## 1607 327931133       Health_Care          3   2   1   1   1   1
## 1608 327931133   Guns_Background          3   2   1   1   1   1
## 1609 327931133    Climate_Change          3   2   1   1   1   1
## 1610 327931133 Planned_Parenthood         3   2   1   1   1   1
## 1611 327931162      Minimum_Wage          1   2   1   2   3   6
## 1612 327931162      Tax_Increase          1   2   1   2   3   6
## 1613 327931162          Abortion          1   2   1   2   3   6
## 1614 327931162       Immigration          1   2   1   2   3   6
## 1615 327931162       School_Guns          1   2   1   2   3   6
## 1616 327931162    Iran_Agreement          1   2   1   2   3   6
## 1617 327931162       Health_Care          1   2   1   2   3   6
## 1618 327931162   Guns_Background          1   2   1   2   3   6
## 1619 327931162    Climate_Change          1   2   1   2   3   6
## 1620 327931162 Planned_Parenthood         1   2   1   2   3   6
## 1621 327931953      Minimum_Wage          2   1   1   2   5   5
## 1622 327931953      Tax_Increase          2   1   1   2   5   5
## 1623 327931953          Abortion          2   1   1   2   5   5
## 1624 327931953       Immigration          2   1   1   2   5   5
## 1625 327931953       School_Guns          2   1   1   2   5   5
## 1626 327931953    Iran_Agreement          2   1   1   2   5   5
```

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## 1627 327931953        Health_Care      2    1    1    2    5    5
## 1628 327931953     Guns_Background      2    1    1    2    5    5
## 1629 327931953      Climate_Change      2    1    1    2    5    5
## 1630 327931953 Planned_Parenthood      2    1    1    2    5    5
## 1631 327932052        Minimum_Wage      1    1    1    5    5    1
## 1632 327932052        Tax_Increase      1    1    1    5    5    1
## 1633 327932052            Abortion      1    1    1    5    5    1
## 1634 327932052         Immigration      1    1    1    5    5    1
## 1635 327932052         School_Guns      1    1    1    5    5    1
## 1636 327932052       Iran_Agreement      1    1    1    5    5    1
## 1637 327932052         Health_Care      1    1    1    5    5    1
## 1638 327932052     Guns_Background      1    1    1    5    5    1
## 1639 327932052      Climate_Change      1    1    1    5    5    1
## 1640 327932052 Planned_Parenthood      1    1    1    5    5    1
## 1641 327932073        Minimum_Wage      3    2    1    2    3    5
## 1642 327932073        Tax_Increase      3    2    1    2    3    5
## 1643 327932073            Abortion      3    2    1    2    3    5
## 1644 327932073         Immigration      3    2    1    2    3    5
## 1645 327932073         School_Guns      3    2    1    2    3    5
## 1646 327932073       Iran_Agreement      3    2    1    2    3    5
## 1647 327932073         Health_Care      3    2    1    2    3    5
## 1648 327932073     Guns_Background      3    2    1    2    3    5
## 1649 327932073      Climate_Change      3    2    1    2    3    5
## 1650 327932073 Planned_Parenthood      3    2    1    2    3    5
## 1651 327932102        Minimum_Wage      2    2    1    2    1    5
## 1652 327932102        Tax_Increase      2    2    1    2    1    5
## 1653 327932102            Abortion      2    2    1    2    1    5
## 1654 327932102         Immigration      2    2    1    2    1    5
## 1655 327932102         School_Guns      2    2    1    2    1    5
## 1656 327932102       Iran_Agreement      2    2    1    2    1    5
## 1657 327932102         Health_Care      2    2    1    2    1    5
## 1658 327932102     Guns_Background      2    2    1    2    1    5
## 1659 327932102      Climate_Change      2    2    1    2    1    5
## 1660 327932102 Planned_Parenthood      2    2    1    2    1    5
## 1661 327932116        Minimum_Wage      2    2    1    2    1    7
## 1662 327932116        Tax_Increase      2    2    1    2    1    7
## 1663 327932116            Abortion      2    2    1    2    1    7
## 1664 327932116         Immigration      2    2    1    2    1    7
## 1665 327932116         School_Guns      2    2    1    2    1    7
## 1666 327932116       Iran_Agreement      2    2    1    2    1    7
## 1667 327932116         Health_Care      2    2    1    2    1    7
## 1668 327932116     Guns_Background      2    2    1    2    1    7
## 1669 327932116      Climate_Change      2    2    1    2    1    7
## 1670 327932116 Planned_Parenthood      2    2    1    2    1    7
## 1671 327932462        Minimum_Wage      3    2    1    6    5    1
## 1672 327932462        Tax_Increase      3    2    1    6    5    1
## 1673 327932462            Abortion      3    2    1    6    5    1
## 1674 327932462         Immigration      3    2    1    6    5    1
## 1675 327932462         School_Guns      3    2    1    6    5    1
## 1676 327932462       Iran_Agreement      3    2    1    6    5    1
## 1677 327932462         Health_Care      3    2    1    6    5    1
## 1678 327932462     Guns_Background      3    2    1    6    5    1
## 1679 327932462      Climate_Change      3    2    1    6    5    1
## 1680 327932462 Planned_Parenthood      3    2    1    6    5    1
```

```
## 1681 327932590          Minimum_Wage    3    2    1    6    1    7
## 1682 327932590          Tax_Increase    3    2    1    6    1    7
## 1683 327932590              Abortion    3    2    1    6    1    7
## 1684 327932590           Immigration    3    2    1    6    1    7
## 1685 327932590           School_Guns    3    2    1    6    1    7
## 1686 327932590         Iran_Agreement    3    2    1    6    1    7
## 1687 327932590           Health_Care    3    2    1    6    1    7
## 1688 327932590        Guns_Background    3    2    1    6    1    7
## 1689 327932590         Climate_Change    3    2    1    6    1    7
## 1690 327932590 Planned_Parenthood    3    2    1    6    1    7
## 1691 327933340          Minimum_Wage    3    2    1    5    4    5
## 1692 327933340          Tax_Increase    3    2    1    5    4    5
## 1693 327933340              Abortion    3    2    1    5    4    5
## 1694 327933340           Immigration    3    2    1    5    4    5
## 1695 327933340           School_Guns    3    2    1    5    4    5
## 1696 327933340         Iran_Agreement    3    2    1    5    4    5
## 1697 327933340           Health_Care    3    2    1    5    4    5
## 1698 327933340        Guns_Background    3    2    1    5    4    5
## 1699 327933340         Climate_Change    3    2    1    5    4    5
## 1700 327933340 Planned_Parenthood    3    2    1    5    4    5
## 1701 327933480          Minimum_Wage    3    2    1    2    1    1
## 1702 327933480          Tax_Increase    3    2    1    2    1    1
## 1703 327933480              Abortion    3    2    1    2    1    1
## 1704 327933480           Immigration    3    2    1    2    1    1
## 1705 327933480           School_Guns    3    2    1    2    1    1
## 1706 327933480         Iran_Agreement    3    2    1    2    1    1
## 1707 327933480           Health_Care    3    2    1    2    1    1
## 1708 327933480        Guns_Background    3    2    1    2    1    1
## 1709 327933480         Climate_Change    3    2    1    2    1    1
## 1710 327933480 Planned_Parenthood    3    2    1    2    1    1
## 1711 327933863          Minimum_Wage    3    2    1    2    1    6
## 1712 327933863          Tax_Increase    3    2    1    2    1    6
## 1713 327933863              Abortion    3    2    1    2    1    6
## 1714 327933863           Immigration    3    2    1    2    1    6
## 1715 327933863           School_Guns    3    2    1    2    1    6
## 1716 327933863         Iran_Agreement    3    2    1    2    1    6
## 1717 327933863           Health_Care    3    2    1    2    1    6
## 1718 327933863        Guns_Background    3    2    1    2    1    6
## 1719 327933863         Climate_Change    3    2    1    2    1    6
## 1720 327933863 Planned_Parenthood    3    2    1    2    1    6
## 1721 327933924          Minimum_Wage    2    1    1    3    1    5
## 1722 327933924          Tax_Increase    2    1    1    3    1    5
## 1723 327933924              Abortion    2    1    1    3    1    5
## 1724 327933924           Immigration    2    1    1    3    1    5
## 1725 327933924           School_Guns    2    1    1    3    1    5
## 1726 327933924         Iran_Agreement    2    1    1    3    1    5
## 1727 327933924           Health_Care    2    1    1    3    1    5
## 1728 327933924        Guns_Background    2    1    1    3    1    5
## 1729 327933924         Climate_Change    2    1    1    3    1    5
## 1730 327933924 Planned_Parenthood    2    1    1    3    1    5
## 1731 327934028          Minimum_Wage    2    2    1    5    4    2
## 1732 327934028          Tax_Increase    2    2    1    5    4    2
## 1733 327934028              Abortion    2    2    1    5    4    2
## 1734 327934028           Immigration    2    2    1    5    4    2
```

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## 1735 327934028         School_Guns    2    2    1    5    4    2
## 1736 327934028      Iran_Agreement    2    2    1    5    4    2
## 1737 327934028         Health_Care    2    2    1    5    4    2
## 1738 327934028     Guns_Background    2    2    1    5    4    2
## 1739 327934028      Climate_Change    2    2    1    5    4    2
## 1740 327934028 Planned_Parenthood    2    2    1    5    4    2
## 1741 327934212        Minimum_Wage    3    2    1    2    1    5
## 1742 327934212        Tax_Increase    3    2    1    2    1    5
## 1743 327934212            Abortion    3    2    1    2    1    5
## 1744 327934212          Immigration    3    2    1    2    1    5
## 1745 327934212         School_Guns    3    2    1    2    1    5
## 1746 327934212      Iran_Agreement    3    2    1    2    1    5
## 1747 327934212         Health_Care    3    2    1    2    1    5
## 1748 327934212     Guns_Background    3    2    1    2    1    5
## 1749 327934212      Climate_Change    3    2    1    2    1    5
## 1750 327934212 Planned_Parenthood    3    2    1    2    1    5
## 1751 327935255        Minimum_Wage    3    2    1    5    1    1
## 1752 327935255        Tax_Increase    3    2    1    5    1    1
## 1753 327935255            Abortion    3    2    1    5    1    1
## 1754 327935255          Immigration    3    2    1    5    1    1
## 1755 327935255         School_Guns    3    2    1    5    1    1
## 1756 327935255      Iran_Agreement    3    2    1    5    1    1
## 1757 327935255         Health_Care    3    2    1    5    1    1
## 1758 327935255     Guns_Background    3    2    1    5    1    1
## 1759 327935255      Climate_Change    3    2    1    5    1    1
## 1760 327935255 Planned_Parenthood    3    2    1    5    1    1
## 1761 327935260        Minimum_Wage    1    2    1    5    1    2
## 1762 327935260        Tax_Increase    1    2    1    5    1    2
## 1763 327935260            Abortion    1    2    1    5    1    2
## 1764 327935260          Immigration    1    2    1    5    1    2
## 1765 327935260         School_Guns    1    2    1    5    1    2
## 1766 327935260      Iran_Agreement    1    2    1    5    1    2
## 1767 327935260         Health_Care    1    2    1    5    1    2
## 1768 327935260     Guns_Background    1    2    1    5    1    2
## 1769 327935260      Climate_Change    1    2    1    5    1    2
## 1770 327935260 Planned_Parenthood    1    2    1    5    1    2
## 1771 327935281        Minimum_Wage    3    1    1    3    1    1
## 1772 327935281        Tax_Increase    3    1    1    3    1    1
## 1773 327935281            Abortion    3    1    1    3    1    1
## 1774 327935281          Immigration    3    1    1    3    1    1
## 1775 327935281         School_Guns    3    1    1    3    1    1
## 1776 327935281      Iran_Agreement    3    1    1    3    1    1
## 1777 327935281         Health_Care    3    1    1    3    1    1
## 1778 327935281     Guns_Background    3    1    1    3    1    1
## 1779 327935281      Climate_Change    3    1    1    3    1    1
## 1780 327935281 Planned_Parenthood    3    1    1    3    1    1
## 1781 327935300        Minimum_Wage    2    1    1    5    1    5
## 1782 327935300        Tax_Increase    2    1    1    5    1    5
## 1783 327935300            Abortion    2    1    1    5    1    5
## 1784 327935300          Immigration    2    1    1    5    1    5
## 1785 327935300         School_Guns    2    1    1    5    1    5
## 1786 327935300      Iran_Agreement    2    1    1    5    1    5
## 1787 327935300         Health_Care    2    1    1    5    1    5
## 1788 327935300     Guns_Background    2    1    1    5    1    5
```

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## 1789 327935300        Climate_Change  2  1  1  5  1  5
## 1790 327935300 Planned_Parenthood  2  1  1  5  1  5
## 1791 327935343        Minimum_Wage  1  2  1  5  1  1
## 1792 327935343        Tax_Increase  1  2  1  5  1  1
## 1793 327935343            Abortion  1  2  1  5  1  1
## 1794 327935343         Immigration  1  2  1  5  1  1
## 1795 327935343         School_Guns  1  2  1  5  1  1
## 1796 327935343       Iran_Agreement  1  2  1  5  1  1
## 1797 327935343          Health_Care  1  2  1  5  1  1
## 1798 327935343      Guns_Background  1  2  1  5  1  1
## 1799 327935343        Climate_Change  1  2  1  5  1  1
## 1800 327935343 Planned_Parenthood  1  2  1  5  1  1
## 1801 327935358        Minimum_Wage  3  2  1  3  1  5
## 1802 327935358        Tax_Increase  3  2  1  3  1  5
## 1803 327935358            Abortion  3  2  1  3  1  5
## 1804 327935358         Immigration  3  2  1  3  1  5
## 1805 327935358         School_Guns  3  2  1  3  1  5
## 1806 327935358       Iran_Agreement  3  2  1  3  1  5
## 1807 327935358          Health_Care  3  2  1  3  1  5
## 1808 327935358      Guns_Background  3  2  1  3  1  5
## 1809 327935358        Climate_Change  3  2  1  3  1  5
## 1810 327935358 Planned_Parenthood  3  2  1  3  1  5
## 1811 327935389        Minimum_Wage  3  2  1  6  1  5
## 1812 327935389        Tax_Increase  3  2  1  6  1  5
## 1813 327935389            Abortion  3  2  1  6  1  5
## 1814 327935389         Immigration  3  2  1  6  1  5
## 1815 327935389         School_Guns  3  2  1  6  1  5
## 1816 327935389       Iran_Agreement  3  2  1  6  1  5
## 1817 327935389          Health_Care  3  2  1  6  1  5
## 1818 327935389      Guns_Background  3  2  1  6  1  5
## 1819 327935389        Climate_Change  3  2  1  6  1  5
## 1820 327935389 Planned_Parenthood  3  2  1  6  1  5
## 1821 327936072        Minimum_Wage  2  2  1  5  1  1
## 1822 327936072        Tax_Increase  2  2  1  5  1  1
## 1823 327936072            Abortion  2  2  1  5  1  1
## 1824 327936072         Immigration  2  2  1  5  1  1
## 1825 327936072         School_Guns  2  2  1  5  1  1
## 1826 327936072       Iran_Agreement  2  2  1  5  1  1
## 1827 327936072          Health_Care  2  2  1  5  1  1
## 1828 327936072      Guns_Background  2  2  1  5  1  1
## 1829 327936072        Climate_Change  2  2  1  5  1  1
## 1830 327936072 Planned_Parenthood  2  2  1  5  1  1
## 1831 327936078        Minimum_Wage  2  1  1  2  3  5
## 1832 327936078        Tax_Increase  2  1  1  2  3  5
## 1833 327936078            Abortion  2  1  1  2  3  5
## 1834 327936078         Immigration  2  1  1  2  3  5
## 1835 327936078         School_Guns  2  1  1  2  3  5
## 1836 327936078       Iran_Agreement  2  1  1  2  3  5
## 1837 327936078          Health_Care  2  1  1  2  3  5
## 1838 327936078      Guns_Background  2  1  1  2  3  5
## 1839 327936078        Climate_Change  2  1  1  2  3  5
## 1840 327936078 Planned_Parenthood  2  1  1  2  3  5
## 1841 327936086        Minimum_Wage  3  1  1  2  1  5
## 1842 327936086        Tax_Increase  3  1  1  2  1  5
```

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## 1843 327936086          Abortion  3  1  1  2  1  5
## 1844 327936086       Immigration  3  1  1  2  1  5
## 1845 327936086       School_Guns  3  1  1  2  1  5
## 1846 327936086    Iran_Agreement  3  1  1  2  1  5
## 1847 327936086       Health_Care  3  1  1  2  1  5
## 1848 327936086   Guns_Background  3  1  1  2  1  5
## 1849 327936086    Climate_Change  3  1  1  2  1  5
## 1850 327936086 Planned_Parenthood  3  1  1  2  1  5
## 1851 327936199      Minimum_Wage  3  2  1  2  3  5
## 1852 327936199      Tax_Increase  3  2  1  2  3  5
## 1853 327936199          Abortion  3  2  1  2  3  5
## 1854 327936199       Immigration  3  2  1  2  3  5
## 1855 327936199       School_Guns  3  2  1  2  3  5
## 1856 327936199    Iran_Agreement  3  2  1  2  3  5
## 1857 327936199       Health_Care  3  2  1  2  3  5
## 1858 327936199   Guns_Background  3  2  1  2  3  5
## 1859 327936199    Climate_Change  3  2  1  2  3  5
## 1860 327936199 Planned_Parenthood  3  2  1  2  3  5
## 1861 327936211      Minimum_Wage  2  2  7  2  5  6
## 1862 327936211      Tax_Increase  2  2  7  2  5  6
## 1863 327936211          Abortion  2  2  7  2  5  6
## 1864 327936211       Immigration  2  2  7  2  5  6
## 1865 327936211       School_Guns  2  2  7  2  5  6
## 1866 327936211    Iran_Agreement  2  2  7  2  5  6
## 1867 327936211       Health_Care  2  2  7  2  5  6
## 1868 327936211   Guns_Background  2  2  7  2  5  6
## 1869 327936211    Climate_Change  2  2  7  2  5  6
## 1870 327936211 Planned_Parenthood  2  2  7  2  5  6
## 1871 327936416      Minimum_Wage  1  2  4  4  1  5
## 1872 327936416      Tax_Increase  1  2  4  4  1  5
## 1873 327936416          Abortion  1  2  4  4  1  5
## 1874 327936416       Immigration  1  2  4  4  1  5
## 1875 327936416       School_Guns  1  2  4  4  1  5
## 1876 327936416    Iran_Agreement  1  2  4  4  1  5
## 1877 327936416       Health_Care  1  2  4  4  1  5
## 1878 327936416   Guns_Background  1  2  4  4  1  5
## 1879 327936416    Climate_Change  1  2  4  4  1  5
## 1880 327936416 Planned_Parenthood  1  2  4  4  1  5
## 1881 327936592      Minimum_Wage  3  1  1  5  5  1
## 1882 327936592      Tax_Increase  3  1  1  5  5  1
## 1883 327936592          Abortion  3  1  1  5  5  1
## 1884 327936592       Immigration  3  1  1  5  5  1
## 1885 327936592       School_Guns  3  1  1  5  5  1
## 1886 327936592    Iran_Agreement  3  1  1  5  5  1
## 1887 327936592       Health_Care  3  1  1  5  5  1
## 1888 327936592   Guns_Background  3  1  1  5  5  1
## 1889 327936592    Climate_Change  3  1  1  5  5  1
## 1890 327936592 Planned_Parenthood  3  1  1  5  5  1
## 1891 327936622      Minimum_Wage  1  2  1  5  1  7
## 1892 327936622      Tax_Increase  1  2  1  5  1  7
## 1893 327936622          Abortion  1  2  1  5  1  7
## 1894 327936622       Immigration  1  2  1  5  1  7
## 1895 327936622       School_Guns  1  2  1  5  1  7
## 1896 327936622    Iran_Agreement  1  2  1  5  1  7
```

```
## 1897 327936622          Health_Care         1     2     1     5     1     7
## 1898 327936622       Guns_Background         1     2     1     5     1     7
## 1899 327936622        Climate_Change         1     2     1     5     1     7
## 1900 327936622 Planned_Parenthood         1     2     1     5     1     7
## 1901 327937621          Minimum_Wage        1     2     1     4     3     1
## 1902 327937621          Tax_Increase        1     2     1     4     3     1
## 1903 327937621              Abortion        1     2     1     4     3     1
## 1904 327937621           Immigration        1     2     1     4     3     1
## 1905 327937621           School_Guns        1     2     1     4     3     1
## 1906 327937621        Iran_Agreement        1     2     1     4     3     1
## 1907 327937621           Health_Care        1     2     1     4     3     1
## 1908 327937621       Guns_Background        1     2     1     4     3     1
## 1909 327937621        Climate_Change        1     2     1     4     3     1
## 1910 327937621 Planned_Parenthood         1     2     1     4     3     1
## 1911 327937629          Minimum_Wage        3     1     1     3     1     5
## 1912 327937629          Tax_Increase        3     1     1     3     1     5
## 1913 327937629              Abortion        3     1     1     3     1     5
## 1914 327937629           Immigration        3     1     1     3     1     5
## 1915 327937629           School_Guns        3     1     1     3     1     5
## 1916 327937629        Iran_Agreement        3     1     1     3     1     5
## 1917 327937629           Health_Care        3     1     1     3     1     5
## 1918 327937629       Guns_Background        3     1     1     3     1     5
## 1919 327937629        Climate_Change        3     1     1     3     1     5
## 1920 327937629 Planned_Parenthood         3     1     1     3     1     5
## 1921 327937996          Minimum_Wage        2     1     1     6     5     1
## 1922 327937996          Tax_Increase        2     1     1     6     5     1
## 1923 327937996              Abortion        2     1     1     6     5     1
## 1924 327937996           Immigration        2     1     1     6     5     1
## 1925 327937996           School_Guns        2     1     1     6     5     1
## 1926 327937996        Iran_Agreement        2     1     1     6     5     1
## 1927 327937996           Health_Care        2     1     1     6     5     1
## 1928 327937996       Guns_Background        2     1     1     6     5     1
## 1929 327937996        Climate_Change        2     1     1     6     5     1
## 1930 327937996 Planned_Parenthood         2     1     1     6     5     1
## 1931 327938143          Minimum_Wage        2     1     3     4     5     4
## 1932 327938143          Tax_Increase        2     1     3     4     5     4
## 1933 327938143              Abortion        2     1     3     4     5     4
## 1934 327938143           Immigration        2     1     3     4     5     4
## 1935 327938143           School_Guns        2     1     3     4     5     4
## 1936 327938143        Iran_Agreement        2     1     3     4     5     4
## 1937 327938143           Health_Care        2     1     3     4     5     4
## 1938 327938143       Guns_Background        2     1     3     4     5     4
## 1939 327938143        Climate_Change        2     1     3     4     5     4
## 1940 327938143 Planned_Parenthood         2     1     3     4     5     4
## 1941 327938151          Minimum_Wage        3     2     1     4     6     6
## 1942 327938151          Tax_Increase        3     2     1     4     6     6
## 1943 327938151              Abortion        3     2     1     4     6     6
## 1944 327938151           Immigration        3     2     1     4     6     6
## 1945 327938151           School_Guns        3     2     1     4     6     6
## 1946 327938151        Iran_Agreement        3     2     1     4     6     6
## 1947 327938151           Health_Care        3     2     1     4     6     6
## 1948 327938151       Guns_Background        3     2     1     4     6     6
## 1949 327938151        Climate_Change        3     2     1     4     6     6
## 1950 327938151 Planned_Parenthood         3     2     1     4     6     6
```

```
## 1951 327938184        Minimum_Wage      1    2    1    4    1    2
## 1952 327938184        Tax_Increase      1    2    1    4    1    2
## 1953 327938184            Abortion      1    2    1    4    1    2
## 1954 327938184         Immigration      1    2    1    4    1    2
## 1955 327938184         School_Guns      1    2    1    4    1    2
## 1956 327938184      Iran_Agreement      1    2    1    4    1    2
## 1957 327938184         Health_Care      1    2    1    4    1    2
## 1958 327938184     Guns_Background      1    2    1    4    1    2
## 1959 327938184      Climate_Change      1    2    1    4    1    2
## 1960 327938184 Planned_Parenthood      1    2    1    4    1    2
## 1961 327938230        Minimum_Wage      3    2    1    2    5    2
## 1962 327938230        Tax_Increase      3    2    1    2    5    2
## 1963 327938230            Abortion      3    2    1    2    5    2
## 1964 327938230         Immigration      3    2    1    2    5    2
## 1965 327938230         School_Guns      3    2    1    2    5    2
## 1966 327938230      Iran_Agreement      3    2    1    2    5    2
## 1967 327938230         Health_Care      3    2    1    2    5    2
## 1968 327938230     Guns_Background      3    2    1    2    5    2
## 1969 327938230      Climate_Change      3    2    1    2    5    2
## 1970 327938230 Planned_Parenthood      3    2    1    2    5    2
## 1971 327938275        Minimum_Wage      3    2    1    5    4    5
## 1972 327938275        Tax_Increase      3    2    1    5    4    5
## 1973 327938275            Abortion      3    2    1    5    4    5
## 1974 327938275         Immigration      3    2    1    5    4    5
## 1975 327938275         School_Guns      3    2    1    5    4    5
## 1976 327938275      Iran_Agreement      3    2    1    5    4    5
## 1977 327938275         Health_Care      3    2    1    5    4    5
## 1978 327938275     Guns_Background      3    2    1    5    4    5
## 1979 327938275      Climate_Change      3    2    1    5    4    5
## 1980 327938275 Planned_Parenthood      3    2    1    5    4    5
## 1981 327938282        Minimum_Wage      2    2    1    5    1    9
## 1982 327938282        Tax_Increase      2    2    1    5    1    9
## 1983 327938282            Abortion      2    2    1    5    1    9
## 1984 327938282         Immigration      2    2    1    5    1    9
## 1985 327938282         School_Guns      2    2    1    5    1    9
## 1986 327938282      Iran_Agreement      2    2    1    5    1    9
## 1987 327938282         Health_Care      2    2    1    5    1    9
## 1988 327938282     Guns_Background      2    2    1    5    1    9
## 1989 327938282      Climate_Change      2    2    1    5    1    9
## 1990 327938282 Planned_Parenthood      2    2    1    5    1    9
## 1991 327938300        Minimum_Wage      3    1    1    5    1    1
## 1992 327938300        Tax_Increase      3    1    1    5    1    1
## 1993 327938300            Abortion      3    1    1    5    1    1
## 1994 327938300         Immigration      3    1    1    5    1    1
## 1995 327938300         School_Guns      3    1    1    5    1    1
## 1996 327938300      Iran_Agreement      3    1    1    5    1    1
## 1997 327938300         Health_Care      3    1    1    5    1    1
## 1998 327938300     Guns_Background      3    1    1    5    1    1
## 1999 327938300      Climate_Change      3    1    1    5    1    1
## 2000 327938300 Planned_Parenthood      3    1    1    5    1    1
## 2001 327938302        Minimum_Wage      3    2    1    5    5    1
## 2002 327938302        Tax_Increase      3    2    1    5    5    1
## 2003 327938302            Abortion      3    2    1    5    5    1
## 2004 327938302         Immigration      3    2    1    5    5    1
```

```
## 2005 327938302         School_Guns        3    2    1    5    5    1
## 2006 327938302      Iran_Agreement        3    2    1    5    5    1
## 2007 327938302         Health_Care        3    2    1    5    5    1
## 2008 327938302     Guns_Background        3    2    1    5    5    1
## 2009 327938302      Climate_Change        3    2    1    5    5    1
## 2010 327938302 Planned_Parenthood        3    2    1    5    5    1
## 2011 327938307        Minimum_Wage        3    1    1    6    1    1
## 2012 327938307        Tax_Increase        3    1    1    6    1    1
## 2013 327938307            Abortion        3    1    1    6    1    1
## 2014 327938307          Immigration        3    1    1    6    1    1
## 2015 327938307         School_Guns        3    1    1    6    1    1
## 2016 327938307      Iran_Agreement        3    1    1    6    1    1
## 2017 327938307         Health_Care        3    1    1    6    1    1
## 2018 327938307     Guns_Background        3    1    1    6    1    1
## 2019 327938307      Climate_Change        3    1    1    6    1    1
## 2020 327938307 Planned_Parenthood        3    1    1    6    1    1
## 2021 327938361        Minimum_Wage        1    2    1    6    2    1
## 2022 327938361        Tax_Increase        1    2    1    6    2    1
## 2023 327938361            Abortion        1    2    1    6    2    1
## 2024 327938361          Immigration        1    2    1    6    2    1
## 2025 327938361         School_Guns        1    2    1    6    2    1
## 2026 327938361      Iran_Agreement        1    2    1    6    2    1
## 2027 327938361         Health_Care        1    2    1    6    2    1
## 2028 327938361     Guns_Background        1    2    1    6    2    1
## 2029 327938361      Climate_Change        1    2    1    6    2    1
## 2030 327938361 Planned_Parenthood        1    2    1    6    2    1
## 2031 327938376        Minimum_Wage        3    2    3    5    1    3
## 2032 327938376        Tax_Increase        3    2    3    5    1    3
## 2033 327938376            Abortion        3    2    3    5    1    3
## 2034 327938376          Immigration        3    2    3    5    1    3
## 2035 327938376         School_Guns        3    2    3    5    1    3
## 2036 327938376      Iran_Agreement        3    2    3    5    1    3
## 2037 327938376         Health_Care        3    2    3    5    1    3
## 2038 327938376     Guns_Background        3    2    3    5    1    3
## 2039 327938376      Climate_Change        3    2    3    5    1    3
## 2040 327938376 Planned_Parenthood        3    2    3    5    1    3
## 2041 327938909        Minimum_Wage        2    2    1    2    1    5
## 2042 327938909        Tax_Increase        2    2    1    2    1    5
## 2043 327938909            Abortion        2    2    1    2    1    5
## 2044 327938909          Immigration        2    2    1    2    1    5
## 2045 327938909         School_Guns        2    2    1    2    1    5
## 2046 327938909      Iran_Agreement        2    2    1    2    1    5
## 2047 327938909         Health_Care        2    2    1    2    1    5
## 2048 327938909     Guns_Background        2    2    1    2    1    5
## 2049 327938909      Climate_Change        2    2    1    2    1    5
## 2050 327938909 Planned_Parenthood        2    2    1    2    1    5
## 2051 327938997        Minimum_Wage        3    2    1    5    1    1
## 2052 327938997        Tax_Increase        3    2    1    5    1    1
## 2053 327938997            Abortion        3    2    1    5    1    1
## 2054 327938997          Immigration        3    2    1    5    1    1
## 2055 327938997         School_Guns        3    2    1    5    1    1
## 2056 327938997      Iran_Agreement        3    2    1    5    1    1
## 2057 327938997         Health_Care        3    2    1    5    1    1
## 2058 327938997     Guns_Background        3    2    1    5    1    1
```

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## 2059 327938997        Climate_Change   3   2   1   5   1   1
## 2060 327938997 Planned_Parenthood      3   2   1   5   1   1
## 2061 327939039        Minimum_Wage     3   1   1   2   3   1
## 2062 327939039        Tax_Increase     3   1   1   2   3   1
## 2063 327939039            Abortion     3   1   1   2   3   1
## 2064 327939039         Immigration     3   1   1   2   3   1
## 2065 327939039         School_Guns     3   1   1   2   3   1
## 2066 327939039       Iran_Agreement    3   1   1   2   3   1
## 2067 327939039         Health_Care     3   1   1   2   3   1
## 2068 327939039      Guns_Background    3   1   1   2   3   1
## 2069 327939039       Climate_Change    3   1   1   2   3   1
## 2070 327939039 Planned_Parenthood      3   1   1   2   3   1
## 2071 327939132        Minimum_Wage     3   2   1   2   1   4
## 2072 327939132        Tax_Increase     3   2   1   2   1   4
## 2073 327939132            Abortion     3   2   1   2   1   4
## 2074 327939132         Immigration     3   2   1   2   1   4
## 2075 327939132         School_Guns     3   2   1   2   1   4
## 2076 327939132       Iran_Agreement    3   2   1   2   1   4
## 2077 327939132         Health_Care     3   2   1   2   1   4
## 2078 327939132      Guns_Background    3   2   1   2   1   4
## 2079 327939132       Climate_Change    3   2   1   2   1   4
## 2080 327939132 Planned_Parenthood      3   2   1   2   1   4
## 2081 327939137        Minimum_Wage     2   2   1   2   1   2
## 2082 327939137        Tax_Increase     2   2   1   2   1   2
## 2083 327939137            Abortion     2   2   1   2   1   2
## 2084 327939137         Immigration     2   2   1   2   1   2
## 2085 327939137         School_Guns     2   2   1   2   1   2
## 2086 327939137       Iran_Agreement    2   2   1   2   1   2
## 2087 327939137         Health_Care     2   2   1   2   1   2
## 2088 327939137      Guns_Background    2   2   1   2   1   2
## 2089 327939137       Climate_Change    2   2   1   2   1   2
## 2090 327939137 Planned_Parenthood      2   2   1   2   1   2
## 2091 327939342        Minimum_Wage     1   2   1   4   1   5
## 2092 327939342        Tax_Increase     1   2   1   4   1   5
## 2093 327939342            Abortion     1   2   1   4   1   5
## 2094 327939342         Immigration     1   2   1   4   1   5
## 2095 327939342         School_Guns     1   2   1   4   1   5
## 2096 327939342       Iran_Agreement    1   2   1   4   1   5
## 2097 327939342         Health_Care     1   2   1   4   1   5
## 2098 327939342      Guns_Background    1   2   1   4   1   5
## 2099 327939342       Climate_Change    1   2   1   4   1   5
## 2100 327939342 Planned_Parenthood      1   2   1   4   1   5
## 2101 327939516        Minimum_Wage     3   2   1   6   1   1
## 2102 327939516        Tax_Increase     3   2   1   6   1   1
## 2103 327939516            Abortion     3   2   1   6   1   1
## 2104 327939516         Immigration     3   2   1   6   1   1
## 2105 327939516         School_Guns     3   2   1   6   1   1
## 2106 327939516       Iran_Agreement    3   2   1   6   1   1
## 2107 327939516         Health_Care     3   2   1   6   1   1
## 2108 327939516      Guns_Background    3   2   1   6   1   1
## 2109 327939516       Climate_Change    3   2   1   6   1   1
## 2110 327939516 Planned_Parenthood      3   2   1   6   1   1
## 2111 327939711        Minimum_Wage     3   2   2   3   5   2
## 2112 327939711        Tax_Increase     3   2   2   3   5   2
```

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## 2113 327939711           Abortion    3    2    2    3    5    2
## 2114 327939711         Immigration    3    2    2    3    5    2
## 2115 327939711         School_Guns    3    2    2    3    5    2
## 2116 327939711       Iran_Agreement    3    2    2    3    5    2
## 2117 327939711          Health_Care    3    2    2    3    5    2
## 2118 327939711      Guns_Background    3    2    2    3    5    2
## 2119 327939711       Climate_Change    3    2    2    3    5    2
## 2120 327939711 Planned_Parenthood    3    2    2    3    5    2
## 2121 327940131        Minimum_Wage    2    1    1    3    5    6
## 2122 327940131        Tax_Increase    2    1    1    3    5    6
## 2123 327940131            Abortion    2    1    1    3    5    6
## 2124 327940131         Immigration    2    1    1    3    5    6
## 2125 327940131         School_Guns    2    1    1    3    5    6
## 2126 327940131       Iran_Agreement    2    1    1    3    5    6
## 2127 327940131          Health_Care    2    1    1    3    5    6
## 2128 327940131      Guns_Background    2    1    1    3    5    6
## 2129 327940131       Climate_Change    2    1    1    3    5    6
## 2130 327940131 Planned_Parenthood    2    1    1    3    5    6
## 2131 327940462        Minimum_Wage    3    1    1    2    1    5
## 2132 327940462        Tax_Increase    3    1    1    2    1    5
## 2133 327940462            Abortion    3    1    1    2    1    5
## 2134 327940462         Immigration    3    1    1    2    1    5
## 2135 327940462         School_Guns    3    1    1    2    1    5
## 2136 327940462       Iran_Agreement    3    1    1    2    1    5
## 2137 327940462          Health_Care    3    1    1    2    1    5
## 2138 327940462      Guns_Background    3    1    1    2    1    5
## 2139 327940462       Climate_Change    3    1    1    2    1    5
## 2140 327940462 Planned_Parenthood    3    1    1    2    1    5
## 2141 327940630        Minimum_Wage    2    1    3    2    6    1
## 2142 327940630        Tax_Increase    2    1    3    2    6    1
## 2143 327940630            Abortion    2    1    3    2    6    1
## 2144 327940630         Immigration    2    1    3    2    6    1
## 2145 327940630         School_Guns    2    1    3    2    6    1
## 2146 327940630       Iran_Agreement    2    1    3    2    6    1
## 2147 327940630          Health_Care    2    1    3    2    6    1
## 2148 327940630      Guns_Background    2    1    3    2    6    1
## 2149 327940630       Climate_Change    2    1    3    2    6    1
## 2150 327940630 Planned_Parenthood    2    1    3    2    6    1
## 2151 327940844        Minimum_Wage    3    2    1    3    1    9
## 2152 327940844        Tax_Increase    3    2    1    3    1    9
## 2153 327940844            Abortion    3    2    1    3    1    9
## 2154 327940844         Immigration    3    2    1    3    1    9
## 2155 327940844         School_Guns    3    2    1    3    1    9
## 2156 327940844       Iran_Agreement    3    2    1    3    1    9
## 2157 327940844          Health_Care    3    2    1    3    1    9
## 2158 327940844      Guns_Background    3    2    1    3    1    9
## 2159 327940844       Climate_Change    3    2    1    3    1    9
## 2160 327940844 Planned_Parenthood    3    2    1    3    1    9
## 2161 327941004        Minimum_Wage    3    1    1    5    1    1
## 2162 327941004        Tax_Increase    3    1    1    5    1    1
## 2163 327941004            Abortion    3    1    1    5    1    1
## 2164 327941004         Immigration    3    1    1    5    1    1
## 2165 327941004         School_Guns    3    1    1    5    1    1
## 2166 327941004       Iran_Agreement    3    1    1    5    1    1
```

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## 2167 327941004       Health_Care      3   1   1   5   1   1
## 2168 327941004    Guns_Background      3   1   1   5   1   1
## 2169 327941004     Climate_Change      3   1   1   5   1   1
## 2170 327941004 Planned_Parenthood      3   1   1   5   1   1
## 2171 327941020       Minimum_Wage      1   2   1   4   4   7
## 2172 327941020       Tax_Increase      1   2   1   4   4   7
## 2173 327941020           Abortion      1   2   1   4   4   7
## 2174 327941020        Immigration      1   2   1   4   4   7
## 2175 327941020        School_Guns      1   2   1   4   4   7
## 2176 327941020      Iran_Agreement      1   2   1   4   4   7
## 2177 327941020        Health_Care      1   2   1   4   4   7
## 2178 327941020     Guns_Background      1   2   1   4   4   7
## 2179 327941020      Climate_Change      1   2   1   4   4   7
## 2180 327941020 Planned_Parenthood      1   2   1   4   4   7
## 2181 327941023       Minimum_Wage      2   1   1   3   1   2
## 2182 327941023       Tax_Increase      2   1   1   3   1   2
## 2183 327941023           Abortion      2   1   1   3   1   2
## 2184 327941023        Immigration      2   1   1   3   1   2
## 2185 327941023        School_Guns      2   1   1   3   1   2
## 2186 327941023      Iran_Agreement      2   1   1   3   1   2
## 2187 327941023        Health_Care      2   1   1   3   1   2
## 2188 327941023     Guns_Background      2   1   1   3   1   2
## 2189 327941023      Climate_Change      2   1   1   3   1   2
## 2190 327941023 Planned_Parenthood      2   1   1   3   1   2
## 2191 327941030       Minimum_Wage      3   1   1   6   1   5
## 2192 327941030       Tax_Increase      3   1   1   6   1   5
## 2193 327941030           Abortion      3   1   1   6   1   5
## 2194 327941030        Immigration      3   1   1   6   1   5
## 2195 327941030        School_Guns      3   1   1   6   1   5
## 2196 327941030      Iran_Agreement      3   1   1   6   1   5
## 2197 327941030        Health_Care      3   1   1   6   1   5
## 2198 327941030     Guns_Background      3   1   1   6   1   5
## 2199 327941030      Climate_Change      3   1   1   6   1   5
## 2200 327941030 Planned_Parenthood      3   1   1   6   1   5
## 2201 327941062       Minimum_Wage      1   2   1   5   1   1
## 2202 327941062       Tax_Increase      1   2   1   5   1   1
## 2203 327941062           Abortion      1   2   1   5   1   1
## 2204 327941062        Immigration      1   2   1   5   1   1
## 2205 327941062        School_Guns      1   2   1   5   1   1
## 2206 327941062      Iran_Agreement      1   2   1   5   1   1
## 2207 327941062        Health_Care      1   2   1   5   1   1
## 2208 327941062     Guns_Background      1   2   1   5   1   1
## 2209 327941062      Climate_Change      1   2   1   5   1   1
## 2210 327941062 Planned_Parenthood      1   2   1   5   1   1
## 2211 327941106       Minimum_Wage      3   2   1   6   5   5
## 2212 327941106       Tax_Increase      3   2   1   6   5   5
## 2213 327941106           Abortion      3   2   1   6   5   5
## 2214 327941106        Immigration      3   2   1   6   5   5
## 2215 327941106        School_Guns      3   2   1   6   5   5
## 2216 327941106      Iran_Agreement      3   2   1   6   5   5
## 2217 327941106        Health_Care      3   2   1   6   5   5
## 2218 327941106     Guns_Background      3   2   1   6   5   5
## 2219 327941106      Climate_Change      3   2   1   6   5   5
## 2220 327941106 Planned_Parenthood      3   2   1   6   5   5
```

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## 2221 327941115        Minimum_Wage    3   2   1   3   1   2
## 2222 327941115        Tax_Increase    3   2   1   3   1   2
## 2223 327941115            Abortion    3   2   1   3   1   2
## 2224 327941115         Immigration    3   2   1   3   1   2
## 2225 327941115         School_Guns    3   2   1   3   1   2
## 2226 327941115       Iran_Agreement    3   2   1   3   1   2
## 2227 327941115         Health_Care    3   2   1   3   1   2
## 2228 327941115      Guns_Background    3   2   1   3   1   2
## 2229 327941115       Climate_Change    3   2   1   3   1   2
## 2230 327941115 Planned_Parenthood    3   2   1   3   1   2
## 2231 327941120        Minimum_Wage    2   2   1   6   5   4
## 2232 327941120        Tax_Increase    2   2   1   6   5   4
## 2233 327941120            Abortion    2   2   1   6   5   4
## 2234 327941120         Immigration    2   2   1   6   5   4
## 2235 327941120         School_Guns    2   2   1   6   5   4
## 2236 327941120       Iran_Agreement    2   2   1   6   5   4
## 2237 327941120         Health_Care    2   2   1   6   5   4
## 2238 327941120      Guns_Background    2   2   1   6   5   4
## 2239 327941120       Climate_Change    2   2   1   6   5   4
## 2240 327941120 Planned_Parenthood    2   2   1   6   5   4
## 2241 327941125        Minimum_Wage    1   2   1   5   5   2
## 2242 327941125        Tax_Increase    1   2   1   5   5   2
## 2243 327941125            Abortion    1   2   1   5   5   2
## 2244 327941125         Immigration    1   2   1   5   5   2
## 2245 327941125         School_Guns    1   2   1   5   5   2
## 2246 327941125       Iran_Agreement    1   2   1   5   5   2
## 2247 327941125         Health_Care    1   2   1   5   5   2
## 2248 327941125      Guns_Background    1   2   1   5   5   2
## 2249 327941125       Climate_Change    1   2   1   5   5   2
## 2250 327941125 Planned_Parenthood    1   2   1   5   5   2
## 2251 327941129        Minimum_Wage    1   1   1   2   1   1
## 2252 327941129        Tax_Increase    1   1   1   2   1   1
## 2253 327941129            Abortion    1   1   1   2   1   1
## 2254 327941129         Immigration    1   1   1   2   1   1
## 2255 327941129         School_Guns    1   1   1   2   1   1
## 2256 327941129       Iran_Agreement    1   1   1   2   1   1
## 2257 327941129         Health_Care    1   1   1   2   1   1
## 2258 327941129      Guns_Background    1   1   1   2   1   1
## 2259 327941129       Climate_Change    1   1   1   2   1   1
## 2260 327941129 Planned_Parenthood    1   1   1   2   1   1
## 2261 327941135        Minimum_Wage    3   2   1   6   1   5
## 2262 327941135        Tax_Increase    3   2   1   6   1   5
## 2263 327941135            Abortion    3   2   1   6   1   5
## 2264 327941135         Immigration    3   2   1   6   1   5
## 2265 327941135         School_Guns    3   2   1   6   1   5
## 2266 327941135       Iran_Agreement    3   2   1   6   1   5
## 2267 327941135         Health_Care    3   2   1   6   1   5
## 2268 327941135      Guns_Background    3   2   1   6   1   5
## 2269 327941135       Climate_Change    3   2   1   6   1   5
## 2270 327941135 Planned_Parenthood    3   2   1   6   1   5
## 2271 327941150        Minimum_Wage    1   1   1   6   1   5
## 2272 327941150        Tax_Increase    1   1   1   6   1   5
## 2273 327941150            Abortion    1   1   1   6   1   5
## 2274 327941150         Immigration    1   1   1   6   1   5
```

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## 2275 327941150         School_Guns    1   1   1   6   1   5
## 2276 327941150      Iran_Agreement    1   1   1   6   1   5
## 2277 327941150         Health_Care    1   1   1   6   1   5
## 2278 327941150     Guns_Background    1   1   1   6   1   5
## 2279 327941150      Climate_Change    1   1   1   6   1   5
## 2280 327941150 Planned_Parenthood    1   1   1   6   1   5
## 2281 327941154       Minimum_Wage    3   1   1   6   1   5
## 2282 327941154        Tax_Increase    3   1   1   6   1   5
## 2283 327941154            Abortion    3   1   1   6   1   5
## 2284 327941154         Immigration    3   1   1   6   1   5
## 2285 327941154         School_Guns    3   1   1   6   1   5
## 2286 327941154      Iran_Agreement    3   1   1   6   1   5
## 2287 327941154         Health_Care    3   1   1   6   1   5
## 2288 327941154     Guns_Background    3   1   1   6   1   5
## 2289 327941154      Climate_Change    3   1   1   6   1   5
## 2290 327941154 Planned_Parenthood    3   1   1   6   1   5
## 2291 327941155       Minimum_Wage    2   1   1   2   1   1
## 2292 327941155        Tax_Increase    2   1   1   2   1   1
## 2293 327941155            Abortion    2   1   1   2   1   1
## 2294 327941155         Immigration    2   1   1   2   1   1
## 2295 327941155         School_Guns    2   1   1   2   1   1
## 2296 327941155      Iran_Agreement    2   1   1   2   1   1
## 2297 327941155         Health_Care    2   1   1   2   1   1
## 2298 327941155     Guns_Background    2   1   1   2   1   1
## 2299 327941155      Climate_Change    2   1   1   2   1   1
## 2300 327941155 Planned_Parenthood    2   1   1   2   1   1
## 2301 327941174       Minimum_Wage    2   1   1   3   1   6
## 2302 327941174        Tax_Increase    2   1   1   3   1   6
## 2303 327941174            Abortion    2   1   1   3   1   6
## 2304 327941174         Immigration    2   1   1   3   1   6
## 2305 327941174         School_Guns    2   1   1   3   1   6
## 2306 327941174      Iran_Agreement    2   1   1   3   1   6
## 2307 327941174         Health_Care    2   1   1   3   1   6
## 2308 327941174     Guns_Background    2   1   1   3   1   6
## 2309 327941174      Climate_Change    2   1   1   3   1   6
## 2310 327941174 Planned_Parenthood    2   1   1   3   1   6
## 2311 327941229       Minimum_Wage    1   2   1   4   1   2
## 2312 327941229        Tax_Increase    1   2   1   4   1   2
## 2313 327941229            Abortion    1   2   1   4   1   2
## 2314 327941229         Immigration    1   2   1   4   1   2
## 2315 327941229         School_Guns    1   2   1   4   1   2
## 2316 327941229      Iran_Agreement    1   2   1   4   1   2
## 2317 327941229         Health_Care    1   2   1   4   1   2
## 2318 327941229     Guns_Background    1   2   1   4   1   2
## 2319 327941229      Climate_Change    1   2   1   4   1   2
## 2320 327941229 Planned_Parenthood    1   2   1   4   1   2
## 2321 327941283       Minimum_Wage    3   2   1   6   1   5
## 2322 327941283        Tax_Increase    3   2   1   6   1   5
## 2323 327941283            Abortion    3   2   1   6   1   5
## 2324 327941283         Immigration    3   2   1   6   1   5
## 2325 327941283         School_Guns    3   2   1   6   1   5
## 2326 327941283      Iran_Agreement    3   2   1   6   1   5
## 2327 327941283         Health_Care    3   2   1   6   1   5
## 2328 327941283     Guns_Background    3   2   1   6   1   5
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## 2329 327941283      Climate_Change        3    2    1    6    1    5
## 2330 327941283 Planned_Parenthood         3    2    1    6    1    5
## 2331 327941303       Minimum_Wage         3    2    3    3    1    2
## 2332 327941303       Tax_Increase         3    2    3    3    1    2
## 2333 327941303           Abortion         3    2    3    3    1    2
## 2334 327941303        Immigration         3    2    3    3    1    2
## 2335 327941303        School_Guns         3    2    3    3    1    2
## 2336 327941303      Iran_Agreement        3    2    3    3    1    2
## 2337 327941303        Health_Care         3    2    3    3    1    2
## 2338 327941303     Guns_Background        3    2    3    3    1    2
## 2339 327941303      Climate_Change        3    2    3    3    1    2
## 2340 327941303 Planned_Parenthood         3    2    3    3    1    2
## 2341 327941372       Minimum_Wage         1    1    1    4    3    5
## 2342 327941372       Tax_Increase         1    1    1    4    3    5
## 2343 327941372           Abortion         1    1    1    4    3    5
## 2344 327941372        Immigration         1    1    1    4    3    5
## 2345 327941372        School_Guns         1    1    1    4    3    5
## 2346 327941372      Iran_Agreement        1    1    1    4    3    5
## 2347 327941372        Health_Care         1    1    1    4    3    5
## 2348 327941372     Guns_Background        1    1    1    4    3    5
## 2349 327941372      Climate_Change        1    1    1    4    3    5
## 2350 327941372 Planned_Parenthood         1    1    1    4    3    5
## 2351 327941414       Minimum_Wage         1    2    1    3    4    5
## 2352 327941414       Tax_Increase         1    2    1    3    4    5
## 2353 327941414           Abortion         1    2    1    3    4    5
## 2354 327941414        Immigration         1    2    1    3    4    5
## 2355 327941414        School_Guns         1    2    1    3    4    5
## 2356 327941414      Iran_Agreement        1    2    1    3    4    5
## 2357 327941414        Health_Care         1    2    1    3    4    5
## 2358 327941414     Guns_Background        1    2    1    3    4    5
## 2359 327941414      Climate_Change        1    2    1    3    4    5
## 2360 327941414 Planned_Parenthood         1    2    1    3    4    5
## 2361 327941437       Minimum_Wage         2    2    1    3    3    5
## 2362 327941437       Tax_Increase         2    2    1    3    3    5
## 2363 327941437           Abortion         2    2    1    3    3    5
## 2364 327941437        Immigration         2    2    1    3    3    5
## 2365 327941437        School_Guns         2    2    1    3    3    5
## 2366 327941437      Iran_Agreement        2    2    1    3    3    5
## 2367 327941437        Health_Care         2    2    1    3    3    5
## 2368 327941437     Guns_Background        2    2    1    3    3    5
## 2369 327941437      Climate_Change        2    2    1    3    3    5
## 2370 327941437 Planned_Parenthood         2    2    1    3    3    5
## 2371 327941445       Minimum_Wage         3    2    1    3    3    5
## 2372 327941445       Tax_Increase         3    2    1    3    3    5
## 2373 327941445           Abortion         3    2    1    3    3    5
## 2374 327941445        Immigration         3    2    1    3    3    5
## 2375 327941445        School_Guns         3    2    1    3    3    5
## 2376 327941445      Iran_Agreement        3    2    1    3    3    5
## 2377 327941445        Health_Care         3    2    1    3    3    5
## 2378 327941445     Guns_Background        3    2    1    3    3    5
## 2379 327941445      Climate_Change        3    2    1    3    3    5
## 2380 327941445 Planned_Parenthood         3    2    1    3    3    5
## 2381 327941529       Minimum_Wage         3    2    1    3    5    2
## 2382 327941529       Tax_Increase         3    2    1    3    5    2
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## 2383 327941529          Abortion  3  2  1  3  5  2
## 2384 327941529        Immigration  3  2  1  3  5  2
## 2385 327941529        School_Guns  3  2  1  3  5  2
## 2386 327941529     Iran_Agreement  3  2  1  3  5  2
## 2387 327941529        Health_Care  3  2  1  3  5  2
## 2388 327941529    Guns_Background  3  2  1  3  5  2
## 2389 327941529     Climate_Change  3  2  1  3  5  2
## 2390 327941529 Planned_Parenthood  3  2  1  3  5  2
## 2391 327942226       Minimum_Wage  3  1  1  2  1  5
## 2392 327942226       Tax_Increase  3  1  1  2  1  5
## 2393 327942226           Abortion  3  1  1  2  1  5
## 2394 327942226        Immigration  3  1  1  2  1  5
## 2395 327942226        School_Guns  3  1  1  2  1  5
## 2396 327942226     Iran_Agreement  3  1  1  2  1  5
## 2397 327942226        Health_Care  3  1  1  2  1  5
## 2398 327942226    Guns_Background  3  1  1  2  1  5
## 2399 327942226     Climate_Change  3  1  1  2  1  5
## 2400 327942226 Planned_Parenthood  3  1  1  2  1  5
## 2401 327942243       Minimum_Wage  1  1  1  2  5  6
## 2402 327942243       Tax_Increase  1  1  1  2  5  6
## 2403 327942243           Abortion  1  1  1  2  5  6
## 2404 327942243        Immigration  1  1  1  2  5  6
## 2405 327942243        School_Guns  1  1  1  2  5  6
## 2406 327942243     Iran_Agreement  1  1  1  2  5  6
## 2407 327942243        Health_Care  1  1  1  2  5  6
## 2408 327942243    Guns_Background  1  1  1  2  5  6
## 2409 327942243     Climate_Change  1  1  1  2  5  6
## 2410 327942243 Planned_Parenthood  1  1  1  2  5  6
## 2411 327942357       Minimum_Wage  2  2  1  2  1  4
## 2412 327942357       Tax_Increase  2  2  1  2  1  4
## 2413 327942357           Abortion  2  2  1  2  1  4
## 2414 327942357        Immigration  2  2  1  2  1  4
## 2415 327942357        School_Guns  2  2  1  2  1  4
## 2416 327942357     Iran_Agreement  2  2  1  2  1  4
## 2417 327942357        Health_Care  2  2  1  2  1  4
## 2418 327942357    Guns_Background  2  2  1  2  1  4
## 2419 327942357     Climate_Change  2  2  1  2  1  4
## 2420 327942357 Planned_Parenthood  2  2  1  2  1  4
## 2421 327942358       Minimum_Wage  3  2  1  2  1  2
## 2422 327942358       Tax_Increase  3  2  1  2  1  2
## 2423 327942358           Abortion  3  2  1  2  1  2
## 2424 327942358        Immigration  3  2  1  2  1  2
## 2425 327942358        School_Guns  3  2  1  2  1  2
## 2426 327942358     Iran_Agreement  3  2  1  2  1  2
## 2427 327942358        Health_Care  3  2  1  2  1  2
## 2428 327942358    Guns_Background  3  2  1  2  1  2
## 2429 327942358     Climate_Change  3  2  1  2  1  2
## 2430 327942358 Planned_Parenthood  3  2  1  2  1  2
## 2431 327942706       Minimum_Wage  3  2  1  3  1  1
## 2432 327942706       Tax_Increase  3  2  1  3  1  1
## 2433 327942706           Abortion  3  2  1  3  1  1
## 2434 327942706        Immigration  3  2  1  3  1  1
## 2435 327942706        School_Guns  3  2  1  3  1  1
## 2436 327942706     Iran_Agreement  3  2  1  3  1  1
```

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## 2437 327942706        Health_Care        3    2    1    3    1    1
## 2438 327942706     Guns_Background        3    2    1    3    1    1
## 2439 327942706      Climate_Change        3    2    1    3    1    1
## 2440 327942706 Planned_Parenthood        3    2    1    3    1    1
## 2441 327943316        Minimum_Wage        3    1    1    3    1    2
## 2442 327943316        Tax_Increase        3    1    1    3    1    2
## 2443 327943316            Abortion        3    1    1    3    1    2
## 2444 327943316         Immigration        3    1    1    3    1    2
## 2445 327943316         School_Guns        3    1    1    3    1    2
## 2446 327943316       Iran_Agreement        3    1    1    3    1    2
## 2447 327943316         Health_Care        3    1    1    3    1    2
## 2448 327943316     Guns_Background        3    1    1    3    1    2
## 2449 327943316      Climate_Change        3    1    1    3    1    2
## 2450 327943316 Planned_Parenthood        3    1    1    3    1    2
## 2451 327944136        Minimum_Wage        2    2    4    5    1    1
## 2452 327944136        Tax_Increase        2    2    4    5    1    1
## 2453 327944136            Abortion        2    2    4    5    1    1
## 2454 327944136         Immigration        2    2    4    5    1    1
## 2455 327944136         School_Guns        2    2    4    5    1    1
## 2456 327944136       Iran_Agreement        2    2    4    5    1    1
## 2457 327944136         Health_Care        2    2    4    5    1    1
## 2458 327944136     Guns_Background        2    2    4    5    1    1
## 2459 327944136      Climate_Change        2    2    4    5    1    1
## 2460 327944136 Planned_Parenthood        2    2    4    5    1    1
## 2461 327944271        Minimum_Wage        3    1    1    6    5    1
## 2462 327944271        Tax_Increase        3    1    1    6    5    1
## 2463 327944271            Abortion        3    1    1    6    5    1
## 2464 327944271         Immigration        3    1    1    6    5    1
## 2465 327944271         School_Guns        3    1    1    6    5    1
## 2466 327944271       Iran_Agreement        3    1    1    6    5    1
## 2467 327944271         Health_Care        3    1    1    6    5    1
## 2468 327944271     Guns_Background        3    1    1    6    5    1
## 2469 327944271      Climate_Change        3    1    1    6    5    1
## 2470 327944271 Planned_Parenthood        3    1    1    6    5    1
## 2471 327944345        Minimum_Wage        3    1    1    6    6    1
## 2472 327944345        Tax_Increase        3    1    1    6    6    1
## 2473 327944345            Abortion        3    1    1    6    6    1
## 2474 327944345         Immigration        3    1    1    6    6    1
## 2475 327944345         School_Guns        3    1    1    6    6    1
## 2476 327944345       Iran_Agreement        3    1    1    6    6    1
## 2477 327944345         Health_Care        3    1    1    6    6    1
## 2478 327944345     Guns_Background        3    1    1    6    6    1
## 2479 327944345      Climate_Change        3    1    1    6    6    1
## 2480 327944345 Planned_Parenthood        3    1    1    6    6    1
## 2481 327944368        Minimum_Wage        2    1    1    3    5    1
## 2482 327944368        Tax_Increase        2    1    1    3    5    1
## 2483 327944368            Abortion        2    1    1    3    5    1
## 2484 327944368         Immigration        2    1    1    3    5    1
## 2485 327944368         School_Guns        2    1    1    3    5    1
## 2486 327944368       Iran_Agreement        2    1    1    3    5    1
## 2487 327944368         Health_Care        2    1    1    3    5    1
## 2488 327944368     Guns_Background        2    1    1    3    5    1
## 2489 327944368      Climate_Change        2    1    1    3    5    1
## 2490 327944368 Planned_Parenthood        2    1    1    3    5    1
```

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## 2491 327944395       Minimum_Wage       3    2   1   3    1    4
## 2492 327944395       Tax_Increase       3    2   1   3    1    4
## 2493 327944395           Abortion       3    2   1   3    1    4
## 2494 327944395        Immigration       3    2   1   3    1    4
## 2495 327944395        School_Guns       3    2   1   3    1    4
## 2496 327944395      Iran_Agreement      3    2   1   3    1    4
## 2497 327944395        Health_Care       3    2   1   3    1    4
## 2498 327944395     Guns_Background      3    2   1   3    1    4
## 2499 327944395      Climate_Change      3    2   1   3    1    4
## 2500 327944395 Planned_Parenthood       3    2   1   3    1    4
## 2501 327944407       Minimum_Wage       1    2   1   5    1    5
## 2502 327944407       Tax_Increase       1    2   1   5    1    5
## 2503 327944407           Abortion       1    2   1   5    1    5
## 2504 327944407        Immigration       1    2   1   5    1    5
## 2505 327944407        School_Guns       1    2   1   5    1    5
## 2506 327944407      Iran_Agreement      1    2   1   5    1    5
## 2507 327944407        Health_Care       1    2   1   5    1    5
## 2508 327944407     Guns_Background      1    2   1   5    1    5
## 2509 327944407      Climate_Change      1    2   1   5    1    5
## 2510 327944407 Planned_Parenthood       1    2   1   5    1    5
## 2511 327944429       Minimum_Wage       3    1   1   3    1    6
## 2512 327944429       Tax_Increase       3    1   1   3    1    6
## 2513 327944429           Abortion       3    1   1   3    1    6
## 2514 327944429        Immigration       3    1   1   3    1    6
## 2515 327944429        School_Guns       3    1   1   3    1    6
## 2516 327944429      Iran_Agreement      3    1   1   3    1    6
## 2517 327944429        Health_Care       3    1   1   3    1    6
## 2518 327944429     Guns_Background      3    1   1   3    1    6
## 2519 327944429      Climate_Change      3    1   1   3    1    6
## 2520 327944429 Planned_Parenthood       3    1   1   3    1    6
## 2521 327944487       Minimum_Wage       2    1   1   4    5    5
## 2522 327944487       Tax_Increase       2    1   1   4    5    5
## 2523 327944487           Abortion       2    1   1   4    5    5
## 2524 327944487        Immigration       2    1   1   4    5    5
## 2525 327944487        School_Guns       2    1   1   4    5    5
## 2526 327944487      Iran_Agreement      2    1   1   4    5    5
## 2527 327944487        Health_Care       2    1   1   4    5    5
## 2528 327944487     Guns_Background      2    1   1   4    5    5
## 2529 327944487      Climate_Change      2    1   1   4    5    5
## 2530 327944487 Planned_Parenthood       2    1   1   4    5    5
## 2531 327944554       Minimum_Wage       2    1   1   3    1    2
## 2532 327944554       Tax_Increase       2    1   1   3    1    2
## 2533 327944554           Abortion       2    1   1   3    1    2
## 2534 327944554        Immigration       2    1   1   3    1    2
## 2535 327944554        School_Guns       2    1   1   3    1    2
## 2536 327944554      Iran_Agreement      2    1   1   3    1    2
## 2537 327944554        Health_Care       2    1   1   3    1    2
## 2538 327944554     Guns_Background      2    1   1   3    1    2
## 2539 327944554      Climate_Change      2    1   1   3    1    2
## 2540 327944554 Planned_Parenthood       2    1   1   3    1    2
## 2541 327944560       Minimum_Wage       3    2   1   4    1    5
## 2542 327944560       Tax_Increase       3    2   1   4    1    5
## 2543 327944560           Abortion       3    2   1   4    1    5
## 2544 327944560        Immigration       3    2   1   4    1    5
```

```
## 2545 327944560          School_Guns    3    2    1    4    1    5
## 2546 327944560      Iran_Agreement    3    2    1    4    1    5
## 2547 327944560          Health_Care    3    2    1    4    1    5
## 2548 327944560      Guns_Background    3    2    1    4    1    5
## 2549 327944560        Climate_Change    3    2    1    4    1    5
## 2550 327944560 Planned_Parenthood    3    2    1    4    1    5
## 2551 327944759        Minimum_Wage    3    2    1    6    1    1
## 2552 327944759          Tax_Increase    3    2    1    6    1    1
## 2553 327944759              Abortion    3    2    1    6    1    1
## 2554 327944759          Immigration    3    2    1    6    1    1
## 2555 327944759          School_Guns    3    2    1    6    1    1
## 2556 327944759      Iran_Agreement    3    2    1    6    1    1
## 2557 327944759          Health_Care    3    2    1    6    1    1
## 2558 327944759      Guns_Background    3    2    1    6    1    1
## 2559 327944759        Climate_Change    3    2    1    6    1    1
## 2560 327944759 Planned_Parenthood    3    2    1    6    1    1
## 2561 327945236        Minimum_Wage    2    1    2    4    1    1
## 2562 327945236          Tax_Increase    2    1    2    4    1    1
## 2563 327945236              Abortion    2    1    2    4    1    1
## 2564 327945236          Immigration    2    1    2    4    1    1
## 2565 327945236          School_Guns    2    1    2    4    1    1
## 2566 327945236      Iran_Agreement    2    1    2    4    1    1
## 2567 327945236          Health_Care    2    1    2    4    1    1
## 2568 327945236      Guns_Background    2    1    2    4    1    1
## 2569 327945236        Climate_Change    2    1    2    4    1    1
## 2570 327945236 Planned_Parenthood    2    1    2    4    1    1
## 2571 327945288        Minimum_Wage    3    1    1    2    1    5
## 2572 327945288          Tax_Increase    3    1    1    2    1    5
## 2573 327945288              Abortion    3    1    1    2    1    5
## 2574 327945288          Immigration    3    1    1    2    1    5
## 2575 327945288          School_Guns    3    1    1    2    1    5
## 2576 327945288      Iran_Agreement    3    1    1    2    1    5
## 2577 327945288          Health_Care    3    1    1    2    1    5
## 2578 327945288      Guns_Background    3    1    1    2    1    5
## 2579 327945288        Climate_Change    3    1    1    2    1    5
## 2580 327945288 Planned_Parenthood    3    1    1    2    1    5
## 2581 327945300        Minimum_Wage    1    1    1    2    3    1
## 2582 327945300          Tax_Increase    1    1    1    2    3    1
## 2583 327945300              Abortion    1    1    1    2    3    1
## 2584 327945300          Immigration    1    1    1    2    3    1
## 2585 327945300          School_Guns    1    1    1    2    3    1
## 2586 327945300      Iran_Agreement    1    1    1    2    3    1
## 2587 327945300          Health_Care    1    1    1    2    3    1
## 2588 327945300      Guns_Background    1    1    1    2    3    1
## 2589 327945300        Climate_Change    1    1    1    2    3    1
## 2590 327945300 Planned_Parenthood    1    1    1    2    3    1
## 2591 327945319        Minimum_Wage    3    1    2    5    5    1
## 2592 327945319          Tax_Increase    3    1    2    5    5    1
## 2593 327945319              Abortion    3    1    2    5    5    1
## 2594 327945319          Immigration    3    1    2    5    5    1
## 2595 327945319          School_Guns    3    1    2    5    5    1
## 2596 327945319      Iran_Agreement    3    1    2    5    5    1
## 2597 327945319          Health_Care    3    1    2    5    5    1
## 2598 327945319      Guns_Background    3    1    2    5    5    1
```

```
## 2599 327945319       Climate_Change    3   1   2   5   5   1
## 2600 327945319 Planned_Parenthood      3   1   2   5   5   1
## 2601 327945343       Minimum_Wage      2   2   1   2   1   5
## 2602 327945343       Tax_Increase      2   2   1   2   1   5
## 2603 327945343           Abortion      2   2   1   2   1   5
## 2604 327945343        Immigration      2   2   1   2   1   5
## 2605 327945343        School_Guns      2   2   1   2   1   5
## 2606 327945343      Iran_Agreement     2   2   1   2   1   5
## 2607 327945343        Health_Care      2   2   1   2   1   5
## 2608 327945343     Guns_Background     2   2   1   2   1   5
## 2609 327945343      Climate_Change     2   2   1   2   1   5
## 2610 327945343 Planned_Parenthood      2   2   1   2   1   5
## 2611 327945347       Minimum_Wage      3   2   1   2   1   5
## 2612 327945347       Tax_Increase      3   2   1   2   1   5
## 2613 327945347           Abortion      3   2   1   2   1   5
## 2614 327945347        Immigration      3   2   1   2   1   5
## 2615 327945347        School_Guns      3   2   1   2   1   5
## 2616 327945347      Iran_Agreement     3   2   1   2   1   5
## 2617 327945347        Health_Care      3   2   1   2   1   5
## 2618 327945347     Guns_Background     3   2   1   2   1   5
## 2619 327945347      Climate_Change     3   2   1   2   1   5
## 2620 327945347 Planned_Parenthood      3   2   1   2   1   5
## 2621 327945689       Minimum_Wage      1   2   1   5   1   6
## 2622 327945689       Tax_Increase      1   2   1   5   1   6
## 2623 327945689           Abortion      1   2   1   5   1   6
## 2624 327945689        Immigration      1   2   1   5   1   6
## 2625 327945689        School_Guns      1   2   1   5   1   6
## 2626 327945689      Iran_Agreement     1   2   1   5   1   6
## 2627 327945689        Health_Care      1   2   1   5   1   6
## 2628 327945689     Guns_Background     1   2   1   5   1   6
## 2629 327945689      Climate_Change     1   2   1   5   1   6
## 2630 327945689 Planned_Parenthood      1   2   1   5   1   6
## 2631 327945710       Minimum_Wage      3   2   1   5   1   1
## 2632 327945710       Tax_Increase      3   2   1   5   1   1
## 2633 327945710           Abortion      3   2   1   5   1   1
## 2634 327945710        Immigration      3   2   1   5   1   1
## 2635 327945710        School_Guns      3   2   1   5   1   1
## 2636 327945710      Iran_Agreement     3   2   1   5   1   1
## 2637 327945710        Health_Care      3   2   1   5   1   1
## 2638 327945710     Guns_Background     3   2   1   5   1   1
## 2639 327945710      Climate_Change     3   2   1   5   1   1
## 2640 327945710 Planned_Parenthood      3   2   1   5   1   1
## 2641 327946630       Minimum_Wage      2   1   1   4   1   1
## 2642 327946630       Tax_Increase      2   1   1   4   1   1
## 2643 327946630           Abortion      2   1   1   4   1   1
## 2644 327946630        Immigration      2   1   1   4   1   1
## 2645 327946630        School_Guns      2   1   1   4   1   1
## 2646 327946630      Iran_Agreement     2   1   1   4   1   1
## 2647 327946630        Health_Care      2   1   1   4   1   1
## 2648 327946630     Guns_Background     2   1   1   4   1   1
## 2649 327946630      Climate_Change     2   1   1   4   1   1
## 2650 327946630 Planned_Parenthood      2   1   1   4   1   1
## 2651 327947045       Minimum_Wage      3   2   1   6   3   1
## 2652 327947045       Tax_Increase      3   2   1   6   3   1
```

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## 2653 327947045        Abortion    3    2    1    6    3    1
## 2654 327947045      Immigration    3    2    1    6    3    1
## 2655 327947045      School_Guns    3    2    1    6    3    1
## 2656 327947045   Iran_Agreement    3    2    1    6    3    1
## 2657 327947045      Health_Care    3    2    1    6    3    1
## 2658 327947045  Guns_Background    3    2    1    6    3    1
## 2659 327947045   Climate_Change    3    2    1    6    3    1
## 2660 327947045 Planned_Parenthood   3    2    1    6    3    1
## 2661 327947107     Minimum_Wage    2    2    1    3    1    5
## 2662 327947107     Tax_Increase    2    2    1    3    1    5
## 2663 327947107         Abortion    2    2    1    3    1    5
## 2664 327947107      Immigration    2    2    1    3    1    5
## 2665 327947107      School_Guns    2    2    1    3    1    5
## 2666 327947107   Iran_Agreement    2    2    1    3    1    5
## 2667 327947107      Health_Care    2    2    1    3    1    5
## 2668 327947107  Guns_Background    2    2    1    3    1    5
## 2669 327947107   Climate_Change    2    2    1    3    1    5
## 2670 327947107 Planned_Parenthood   2    2    1    3    1    5
## 2671 327947125     Minimum_Wage    2    2    1    3    6    1
## 2672 327947125     Tax_Increase    2    2    1    3    6    1
## 2673 327947125         Abortion    2    2    1    3    6    1
## 2674 327947125      Immigration    2    2    1    3    6    1
## 2675 327947125      School_Guns    2    2    1    3    6    1
## 2676 327947125   Iran_Agreement    2    2    1    3    6    1
## 2677 327947125      Health_Care    2    2    1    3    6    1
## 2678 327947125  Guns_Background    2    2    1    3    6    1
## 2679 327947125   Climate_Change    2    2    1    3    6    1
## 2680 327947125 Planned_Parenthood   2    2    1    3    6    1
## 2681 327947129     Minimum_Wage    3    1    1    4    1    5
## 2682 327947129     Tax_Increase    3    1    1    4    1    5
## 2683 327947129         Abortion    3    1    1    4    1    5
## 2684 327947129      Immigration    3    1    1    4    1    5
## 2685 327947129      School_Guns    3    1    1    4    1    5
## 2686 327947129   Iran_Agreement    3    1    1    4    1    5
## 2687 327947129      Health_Care    3    1    1    4    1    5
## 2688 327947129  Guns_Background    3    1    1    4    1    5
## 2689 327947129   Climate_Change    3    1    1    4    1    5
## 2690 327947129 Planned_Parenthood   3    1    1    4    1    5
## 2691 327947138     Minimum_Wage    3    2    1    6    1    1
## 2692 327947138     Tax_Increase    3    2    1    6    1    1
## 2693 327947138         Abortion    3    2    1    6    1    1
## 2694 327947138      Immigration    3    2    1    6    1    1
## 2695 327947138      School_Guns    3    2    1    6    1    1
## 2696 327947138   Iran_Agreement    3    2    1    6    1    1
## 2697 327947138      Health_Care    3    2    1    6    1    1
## 2698 327947138  Guns_Background    3    2    1    6    1    1
## 2699 327947138   Climate_Change    3    2    1    6    1    1
## 2700 327947138 Planned_Parenthood   3    2    1    6    1    1
## 2701 327947172     Minimum_Wage    3    2    6    6    5    6
## 2702 327947172     Tax_Increase    3    2    6    6    5    6
## 2703 327947172         Abortion    3    2    6    6    5    6
## 2704 327947172      Immigration    3    2    6    6    5    6
## 2705 327947172      School_Guns    3    2    6    6    5    6
## 2706 327947172   Iran_Agreement    3    2    6    6    5    6
```

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## 2707 327947172        Health_Care      3     2     6     6     5     6
## 2708 327947172     Guns_Background      3     2     6     6     5     6
## 2709 327947172      Climate_Change      3     2     6     6     5     6
## 2710 327947172 Planned_Parenthood      3     2     6     6     5     6
## 2711 327947188        Minimum_Wage      1     2     1     3     1     2
## 2712 327947188        Tax_Increase      1     2     1     3     1     2
## 2713 327947188            Abortion      1     2     1     3     1     2
## 2714 327947188         Immigration      1     2     1     3     1     2
## 2715 327947188         School_Guns      1     2     1     3     1     2
## 2716 327947188       Iran_Agreement      1     2     1     3     1     2
## 2717 327947188         Health_Care      1     2     1     3     1     2
## 2718 327947188      Guns_Background      1     2     1     3     1     2
## 2719 327947188      Climate_Change      1     2     1     3     1     2
## 2720 327947188 Planned_Parenthood      1     2     1     3     1     2
## 2721 327947231        Minimum_Wage      3     2     1     5     1     1
## 2722 327947231        Tax_Increase      3     2     1     5     1     1
## 2723 327947231            Abortion      3     2     1     5     1     1
## 2724 327947231         Immigration      3     2     1     5     1     1
## 2725 327947231         School_Guns      3     2     1     5     1     1
## 2726 327947231       Iran_Agreement      3     2     1     5     1     1
## 2727 327947231         Health_Care      3     2     1     5     1     1
## 2728 327947231      Guns_Background      3     2     1     5     1     1
## 2729 327947231      Climate_Change      3     2     1     5     1     1
## 2730 327947231 Planned_Parenthood      3     2     1     5     1     1
## 2731 327947241        Minimum_Wage      2     2     1     5     1     5
## 2732 327947241        Tax_Increase      2     2     1     5     1     5
## 2733 327947241            Abortion      2     2     1     5     1     5
## 2734 327947241         Immigration      2     2     1     5     1     5
## 2735 327947241         School_Guns      2     2     1     5     1     5
## 2736 327947241       Iran_Agreement      2     2     1     5     1     5
## 2737 327947241         Health_Care      2     2     1     5     1     5
## 2738 327947241      Guns_Background      2     2     1     5     1     5
## 2739 327947241      Climate_Change      2     2     1     5     1     5
## 2740 327947241 Planned_Parenthood      2     2     1     5     1     5
## 2741 327947247        Minimum_Wage      3     2     1     5     1     1
## 2742 327947247        Tax_Increase      3     2     1     5     1     1
## 2743 327947247            Abortion      3     2     1     5     1     1
## 2744 327947247         Immigration      3     2     1     5     1     1
## 2745 327947247         School_Guns      3     2     1     5     1     1
## 2746 327947247       Iran_Agreement      3     2     1     5     1     1
## 2747 327947247         Health_Care      3     2     1     5     1     1
## 2748 327947247      Guns_Background      3     2     1     5     1     1
## 2749 327947247      Climate_Change      3     2     1     5     1     1
## 2750 327947247 Planned_Parenthood      3     2     1     5     1     1
## 2751 327947264        Minimum_Wage      3     2     1     3     1     7
## 2752 327947264        Tax_Increase      3     2     1     3     1     7
## 2753 327947264            Abortion      3     2     1     3     1     7
## 2754 327947264         Immigration      3     2     1     3     1     7
## 2755 327947264         School_Guns      3     2     1     3     1     7
## 2756 327947264       Iran_Agreement      3     2     1     3     1     7
## 2757 327947264         Health_Care      3     2     1     3     1     7
## 2758 327947264      Guns_Background      3     2     1     3     1     7
## 2759 327947264      Climate_Change      3     2     1     3     1     7
## 2760 327947264 Planned_Parenthood      3     2     1     3     1     7
```

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## 2761 327947273       Minimum_Wage       1       2       1       6       1       2
## 2762 327947273       Tax_Increase        1       2       1       6       1       2
## 2763 327947273          Abortion         1       2       1       6       1       2
## 2764 327947273         Immigration       1       2       1       6       1       2
## 2765 327947273        School_Guns        1       2       1       6       1       2
## 2766 327947273      Iran_Agreement       1       2       1       6       1       2
## 2767 327947273        Health_Care        1       2       1       6       1       2
## 2768 327947273      Guns_Background      1       2       1       6       1       2
## 2769 327947273      Climate_Change       1       2       1       6       1       2
## 2770 327947273 Planned_Parenthood        1       2       1       6       1       2
## 2771 327947304       Minimum_Wage        3       2       3       5       3       4
## 2772 327947304       Tax_Increase        3       2       3       5       3       4
## 2773 327947304          Abortion         3       2       3       5       3       4
## 2774 327947304         Immigration       3       2       3       5       3       4
## 2775 327947304        School_Guns        3       2       3       5       3       4
## 2776 327947304      Iran_Agreement       3       2       3       5       3       4
## 2777 327947304        Health_Care        3       2       3       5       3       4
##       faminc pid3 pid7 inputstate votereg ideo5 newsint religpew Support
## 1          8    2    7         41       1     4       1        1       0
## 2          8    2    7         41       1     4       1        1       0
## 3          8    2    7         41       1     4       1        1       1
## 4          8    2    7         41       1     4       1        1       0
## 5          8    2    7         41       1     4       1        1       0
## 6          8    2    7         41       1     4       1        1       0
## 7          8    2    7         41       1     4       1        1       0
## 8          8    2    7         41       1     4       1        1       0
## 9          8    2    7         41       1     4       1        1       0
## 10         8    2    7         41       1     4       1        1       0
## 11         6    1    1         42       1     6       4        2       1
## 12         6    1    1         42       1     6       4        2       1
## 13         6    1    1         42       1     6       4        2       1
## 14         6    1    1         42       1     6       4        2       1
## 15         6    1    1         42       1     6       4        2       1
## 16         6    1    1         42       1     6       4        2       1
## 17         6    1    1         42       1     6       4        2       1
## 18         6    1    1         42       1     6       4        2       1
## 19         6    1    1         42       1     6       4        2       1
## 20         6    1    1         42       1     6       4        2       1
## 21         4    4    5         34       1     4       1       11       0
## 22         4    4    5         34       1     4       1       11       0
## 23         4    4    5         34       1     4       1       11       1
## 24         4    4    5         34       1     4       1       11       0
## 25         4    4    5         34       1     4       1       11       0
## 26         4    4    5         34       1     4       1       11       0
## 27         4    4    5         34       1     4       1       11       0
## 28         4    4    5         34       1     4       1       11       0
## 29         4    4    5         34       1     4       1       11       0
## 30         4    4    5         34       1     4       1       11       0
## 31         4    1    1         25       2     3       2       11       1
## 32         4    1    1         25       2     3       2       11       1
## 33         4    1    1         25       2     3       2       11      NA
## 34         4    1    1         25       2     3       2       11       0
## 35         4    1    1         25       2     3       2       11      NA
## 36         4    1    1         25       2     3       2       11      NA
```

```
## 37      4   1   1       25      2   3   2      11      1
## 38      4   1   1       25      2   3   2      11      1
## 39      4   1   1       25      2   3   2      11      1
## 40      4   1   1       25      2   3   2      11      1
## 41     11   2   6        6      1   4   1      12      0
## 42     11   2   6        6      1   4   1      12      0
## 43     11   2   6        6      1   4   1      12      1
## 44     11   2   6        6      1   4   1      12      0
## 45     11   2   6        6      1   4   1      12      0
## 46     11   2   6        6      1   4   1      12      1
## 47     11   2   6        6      1   4   1      12      0
## 48     11   2   6        6      1   4   1      12      0
## 49     11   2   6        6      1   4   1      12     NA
## 50     11   2   6        6      1   4   1      12     NA
## 51     97   2   6       25      1   4   3       2      0
## 52     97   2   6       25      1   4   3       2      1
## 53     97   2   6       25      1   4   3       2      0
## 54     97   2   6       25      1   4   3       2     NA
## 55     97   2   6       25      1   4   3       2      1
## 56     97   2   6       25      1   4   3       2      1
## 57     97   2   6       25      1   4   3       2     NA
## 58     97   2   6       25      1   4   3       2      1
## 59     97   2   6       25      1   4   3       2     NA
## 60     97   2   6       25      1   4   3       2      0
## 61     10   1   1       23      1   2   1      10      1
## 62     10   1   1       23      1   2   1      10      1
## 63     10   1   1       23      1   2   1      10      1
## 64     10   1   1       23      1   2   1      10      1
## 65     10   1   1       23      1   2   1      10      1
## 66     10   1   1       23      1   2   1      10      1
## 67     10   1   1       23      1   2   1      10      1
## 68     10   1   1       23      1   2   1      10      1
## 69     10   1   1       23      1   2   1      10      1
## 70     10   1   1       23      1   2   1      10      1
## 71      1   2   6       21      1   4   4       1      1
## 72      1   2   6       21      1   4   4       1      1
## 73      1   2   6       21      1   4   4       1      0
## 74      1   2   6       21      1   4   4       1      1
## 75      1   2   6       21      1   4   4       1     NA
## 76      1   2   6       21      1   4   4       1     NA
## 77      1   2   6       21      1   4   4       1      1
## 78      1   2   6       21      1   4   4       1      1
## 79      1   2   6       21      1   4   4       1     NA
## 80      1   2   6       21      1   4   4       1      1
## 81      9   2   7       29      1   3   3       1      0
## 82      9   2   7       29      1   3   3       1      1
## 83      9   2   7       29      1   3   3       1      1
## 84      9   2   7       29      1   3   3       1      1
## 85      9   2   7       29      1   3   3       1      1
## 86      9   2   7       29      1   3   3       1      0
## 87      9   2   7       29      1   3   3       1      1
## 88      9   2   7       29      1   3   3       1      1
## 89      9   2   7       29      1   3   3       1     NA
## 90      9   2   7       29      1   3   3       1      0
```

```
## 91          2   1   1     53    1    2    1    11     1
## 92          2   1   1     53    1    2    1    11     1
## 93          2   1   1     53    1    2    1    11     1
## 94          2   1   1     53    1    2    1    11    NA
## 95          2   1   1     53    1    2    1    11    NA
## 96          2   1   1     53    1    2    1    11     1
## 97          2   1   1     53    1    2    1    11     1
## 98          2   1   1     53    1    2    1    11     1
## 99          2   1   1     53    1    2    1    11     1
## 100         2   1   1     53    1    2    1    11     1
## 101         6   3   4     45    1    4    2     1     0
## 102         6   3   4     45    1    4    2     1     0
## 103         6   3   4     45    1    4    2     1     1
## 104         6   3   4     45    1    4    2     1    NA
## 105         6   3   4     45    1    4    2     1     1
## 106         6   3   4     45    1    4    2     1    NA
## 107         6   3   4     45    1    4    2     1    NA
## 108         6   3   4     45    1    4    2     1     1
## 109         6   3   4     45    1    4    2     1     1
## 110         6   3   4     45    1    4    2     1     0
## 111         9   1   1     34    1    3    2     1    NA
## 112         9   1   1     34    1    3    2     1     1
## 113         9   1   1     34    1    3    2     1     1
## 114         9   1   1     34    1    3    2     1    NA
## 115         9   1   1     34    1    3    2     1     1
## 116         9   1   1     34    1    3    2     1     0
## 117         9   1   1     34    1    3    2     1     1
## 118         9   1   1     34    1    3    2     1     1
## 119         9   1   1     34    1    3    2     1     1
## 120         9   1   1     34    1    3    2     1     1
## 121        97   2   7      6    1    4    1     1     1
## 122        97   2   7      6    1    4    1     1     1
## 123        97   2   7      6    1    4    1     1     1
## 124        97   2   7      6    1    4    1     1     1
## 125        97   2   7      6    1    4    1     1     1
## 126        97   2   7      6    1    4    1     1     0
## 127        97   2   7      6    1    4    1     1     0
## 128        97   2   7      6    1    4    1     1     1
## 129        97   2   7      6    1    4    1     1     0
## 130        97   2   7      6    1    4    1     1     0
## 131         6   1   1     13    1    3    1     1     1
## 132         6   1   1     13    1    3    1     1     1
## 133         6   1   1     13    1    3    1     1     1
## 134         6   1   1     13    1    3    1     1     1
## 135         6   1   1     13    1    3    1     1     1
## 136         6   1   1     13    1    3    1     1     1
## 137         6   1   1     13    1    3    1     1     1
## 138         6   1   1     13    1    3    1     1     1
## 139         6   1   1     13    1    3    1     1     1
## 140         6   1   1     13    1    3    1     1     1
## 141         6   1   1     12    1    1    1     9     1
## 142         6   1   1     12    1    1    1     9     1
## 143         6   1   1     12    1    1    1     9     1
## 144         6   1   1     12    1    1    1     9    NA
```

```
## 145       6   1   1        12        1   1   1         9          1
## 146       6   1   1        12        1   1   1         9          1
## 147       6   1   1        12        1   1   1         9          1
## 148       6   1   1        12        1   1   1         9          1
## 149       6   1   1        12        1   1   1         9          1
## 150       6   1   1        12        1   1   1         9          1
## 151      97   3   5        53        1   4   1        12         NA
## 152      97   3   5        53        1   4   1        12          1
## 153      97   3   5        53        1   4   1        12          1
## 154      97   3   5        53        1   4   1        12         NA
## 155      97   3   5        53        1   4   1        12          0
## 156      97   3   5        53        1   4   1        12          1
## 157      97   3   5        53        1   4   1        12          0
## 158      97   3   5        53        1   4   1        12          1
## 159      97   3   5        53        1   4   1        12          0
## 160      97   3   5        53        1   4   1        12          0
## 161      11   3   3        56        1   3   1        11          1
## 162      11   3   3        56        1   3   1        11          1
## 163      11   3   3        56        1   3   1        11          1
## 164      11   3   3        56        1   3   1        11         NA
## 165      11   3   3        56        1   3   1        11          1
## 166      11   3   3        56        1   3   1        11          1
## 167      11   3   3        56        1   3   1        11          1
## 168      11   3   3        56        1   3   1        11          1
## 169      11   3   3        56        1   3   1        11          1
## 170      11   3   3        56        1   3   1        11          1
## 171       3   3   5        34        1   4   1         2         NA
## 172       3   3   5        34        1   4   1         2          1
## 173       3   3   5        34        1   4   1         2          1
## 174       3   3   5        34        1   4   1         2          0
## 175       3   3   5        34        1   4   1         2          0
## 176       3   3   5        34        1   4   1         2          0
## 177       3   3   5        34        1   4   1         2          0
## 178       3   3   5        34        1   4   1         2         NA
## 179       3   3   5        34        1   4   1         2          0
## 180       3   3   5        34        1   4   1         2          0
## 181       1   1   1         9        1   6   1         2          1
## 182       1   1   1         9        1   6   1         2          1
## 183       1   1   1         9        1   6   1         2         NA
## 184       1   1   1         9        1   6   1         2          0
## 185       1   1   1         9        1   6   1         2         NA
## 186       1   1   1         9        1   6   1         2          1
## 187       1   1   1         9        1   6   1         2          1
## 188       1   1   1         9        1   6   1         2          1
## 189       1   1   1         9        1   6   1         2         NA
## 190       1   1   1         9        1   6   1         2          1
## 191       9   3   4        55        2   4   3        11          0
## 192       9   3   4        55        2   4   3        11          0
## 193       9   3   4        55        2   4   3        11          1
## 194       9   3   4        55        2   4   3        11         NA
## 195       9   3   4        55        2   4   3        11          0
## 196       9   3   4        55        2   4   3        11          1
## 197       9   3   4        55        2   4   3        11          1
## 198       9   3   4        55        2   4   3        11          1
```

```
## 199    9    3    4    55    2    4    3    11    1
## 200    9    3    4    55    2    4    3    11    1
## 201    6    3    4    18    1    3    1     1    0
## 202    6    3    4    18    1    3    1     1    1
## 203    6    3    4    18    1    3    1     1   NA
## 204    6    3    4    18    1    3    1     1    1
## 205    6    3    4    18    1    3    1     1   NA
## 206    6    3    4    18    1    3    1     1   NA
## 207    6    3    4    18    1    3    1     1    0
## 208    6    3    4    18    1    3    1     1    1
## 209    6    3    4    18    1    3    1     1    0
## 210    6    3    4    18    1    3    1     1    0
## 211    4    3    5    47    1    3    3     1    1
## 212    4    3    5    47    1    3    3     1    1
## 213    4    3    5    47    1    3    3     1    0
## 214    4    3    5    47    1    3    3     1    1
## 215    4    3    5    47    1    3    3     1    0
## 216    4    3    5    47    1    3    3     1    1
## 217    4    3    5    47    1    3    3     1    1
## 218    4    3    5    47    1    3    3     1    1
## 219    4    3    5    47    1    3    3     1    1
## 220    4    3    5    47    1    3    3     1    1
## 221    2    1    1     8    1    2    1    12    1
## 222    2    1    1     8    1    2    1    12    1
## 223    2    1    1     8    1    2    1    12    1
## 224    2    1    1     8    1    2    1    12    1
## 225    2    1    1     8    1    2    1    12    1
## 226    2    1    1     8    1    2    1    12   NA
## 227    2    1    1     8    1    2    1    12    1
## 228    2    1    1     8    1    2    1    12    1
## 229    2    1    1     8    1    2    1    12    1
## 230    2    1    1     8    1    2    1    12    1
## 231   97    2    7    51    1    4    1     1    1
## 232   97    2    7    51    1    4    1     1    1
## 233   97    2    7    51    1    4    1     1   NA
## 234   97    2    7    51    1    4    1     1   NA
## 235   97    2    7    51    1    4    1     1    1
## 236   97    2    7    51    1    4    1     1    1
## 237   97    2    7    51    1    4    1     1    1
## 238   97    2    7    51    1    4    1     1    1
## 239   97    2    7    51    1    4    1     1   NA
## 240   97    2    7    51    1    4    1     1    0
## 241    4    1    1    42    1    3    1     9    1
## 242    4    1    1    42    1    3    1     9    1
## 243    4    1    1    42    1    3    1     9    1
## 244    4    1    1    42    1    3    1     9   NA
## 245    4    1    1    42    1    3    1     9    1
## 246    4    1    1    42    1    3    1     9    1
## 247    4    1    1    42    1    3    1     9    1
## 248    4    1    1    42    1    3    1     9    1
## 249    4    1    1    42    1    3    1     9    1
## 250    4    1    1    42    1    3    1     9    1
## 251    9    1    2     6    1    3    1    11    0
## 252    9    1    2     6    1    3    1    11    1
```

```
## 253     9   1   2     6   1   3   1   11    1
## 254     9   1   2     6   1   3   1   11    0
## 255     9   1   2     6   1   3   1   11    0
## 256     9   1   2     6   1   3   1   11    0
## 257     9   1   2     6   1   3   1   11    0
## 258     9   1   2     6   1   3   1   11    1
## 259     9   1   2     6   1   3   1   11    0
## 260     9   1   2     6   1   3   1   11    0
## 261    10   3   5    48   1   4   1    2    0
## 262    10   3   5    48   1   4   1    2    0
## 263    10   3   5    48   1   4   1    2    1
## 264    10   3   5    48   1   4   1    2    0
## 265    10   3   5    48   1   4   1    2    0
## 266    10   3   5    48   1   4   1    2    0
## 267    10   3   5    48   1   4   1    2   NA
## 268    10   3   5    48   1   4   1    2    0
## 269    10   3   5    48   1   4   1    2   NA
## 270    10   3   5    48   1   4   1    2    0
## 271     4   1   1    29   1   1   1   11    1
## 272     4   1   1    29   1   1   1   11    1
## 273     4   1   1    29   1   1   1   11    1
## 274     4   1   1    29   1   1   1   11    1
## 275     4   1   1    29   1   1   1   11    1
## 276     4   1   1    29   1   1   1   11    1
## 277     4   1   1    29   1   1   1   11    1
## 278     4   1   1    29   1   1   1   11    1
## 279     4   1   1    29   1   1   1   11    1
## 280     4   1   1    29   1   1   1   11    1
## 281     5   5   4    18   2   6   4   10    1
## 282     5   5   4    18   2   6   4   10    1
## 283     5   5   4    18   2   6   4   10   NA
## 284     5   5   4    18   2   6   4   10   NA
## 285     5   5   4    18   2   6   4   10    1
## 286     5   5   4    18   2   6   4   10    1
## 287     5   5   4    18   2   6   4   10   NA
## 288     5   5   4    18   2   6   4   10    1
## 289     5   5   4    18   2   6   4   10   NA
## 290     5   5   4    18   2   6   4   10    1
## 291     3   3   4    42   1   4   3    5    1
## 292     3   3   4    42   1   4   3    5    1
## 293     3   3   4    42   1   4   3    5    1
## 294     3   3   4    42   1   4   3    5    0
## 295     3   3   4    42   1   4   3    5    1
## 296     3   3   4    42   1   4   3    5    0
## 297     3   3   4    42   1   4   3    5    1
## 298     3   3   4    42   1   4   3    5    1
## 299     3   3   4    42   1   4   3    5    1
## 300     3   3   4    42   1   4   3    5    1
## 301     9   3   5    12   1   3   1    2    0
## 302     9   3   5    12   1   3   1    2    1
## 303     9   3   5    12   1   3   1    2    1
## 304     9   3   5    12   1   3   1    2    0
## 305     9   3   5    12   1   3   1    2    0
## 306     9   3   5    12   1   3   1    2   NA
```

```
## 307    9    3    5    12    1    3    1     2    NA
## 308    9    3    5    12    1    3    1     2     1
## 309    9    3    5    12    1    3    1     2     1
## 310    9    3    5    12    1    3    1     2     1
## 311   10    2    7     4    1    4    1     3     0
## 312   10    2    7     4    1    4    1     3     0
## 313   10    2    7     4    1    4    1     3     1
## 314   10    2    7     4    1    4    1     3     0
## 315   10    2    7     4    1    4    1     3     0
## 316   10    2    7     4    1    4    1     3     1
## 317   10    2    7     4    1    4    1     3     0
## 318   10    2    7     4    1    4    1     3     0
## 319   10    2    7     4    1    4    1     3     0
## 320   10    2    7     4    1    4    1     3     0
## 321    6    3    4    53    1    3    2    11     1
## 322    6    3    4    53    1    3    2    11     1
## 323    6    3    4    53    1    3    2    11     1
## 324    6    3    4    53    1    3    2    11     1
## 325    6    3    4    53    1    3    2    11     0
## 326    6    3    4    53    1    3    2    11     1
## 327    6    3    4    53    1    3    2    11     1
## 328    6    3    4    53    1    3    2    11     0
## 329    6    3    4    53    1    3    2    11     1
## 330    6    3    4    53    1    3    2    11     1
## 331   97    4    4    36    1    3    1     2     0
## 332   97    4    4    36    1    3    1     2     0
## 333   97    4    4    36    1    3    1     2     1
## 334   97    4    4    36    1    3    1     2     1
## 335   97    4    4    36    1    3    1     2     0
## 336   97    4    4    36    1    3    1     2     0
## 337   97    4    4    36    1    3    1     2     0
## 338   97    4    4    36    1    3    1     2     1
## 339   97    4    4    36    1    3    1     2     0
## 340   97    4    4    36    1    3    1     2     0
## 341   97    3    3    41    1    2    1     9     1
## 342   97    3    3    41    1    2    1     9     1
## 343   97    3    3    41    1    2    1     9     1
## 344   97    3    3    41    1    2    1     9     1
## 345   97    3    3    41    1    2    1     9     1
## 346   97    3    3    41    1    2    1     9     1
## 347   97    3    3    41    1    2    1     9     1
## 348   97    3    3    41    1    2    1     9     1
## 349   97    3    3    41    1    2    1     9     1
## 350   97    3    3    41    1    2    1     9     1
## 351   97    3    5    42    1    4    1     1     0
## 352   97    3    5    42    1    4    1     1     0
## 353   97    3    5    42    1    4    1     1    NA
## 354   97    3    5    42    1    4    1     1     0
## 355   97    3    5    42    1    4    1     1    NA
## 356   97    3    5    42    1    4    1     1     1
## 357   97    3    5    42    1    4    1     1     0
## 358   97    3    5    42    1    4    1     1    NA
## 359   97    3    5    42    1    4    1     1     0
## 360   97    3    5    42    1    4    1     1     1
```

```
## 361    7    2    7        17    1    3    2        11    NA
## 362    7    2    7        17    1    3    2        11     1
## 363    7    2    7        17    1    3    2        11     1
## 364    7    2    7        17    1    3    2        11    NA
## 365    7    2    7        17    1    3    2        11     1
## 366    7    2    7        17    1    3    2        11     1
## 367    7    2    7        17    1    3    2        11    NA
## 368    7    2    7        17    1    3    2        11     1
## 369    7    2    7        17    1    3    2        11     1
## 370    7    2    7        17    1    3    2        11     0
## 371    8    3    5        23    1    4    1         9     0
## 372    8    3    5        23    1    4    1         9     0
## 373    8    3    5        23    1    4    1         9    NA
## 374    8    3    5        23    1    4    1         9     0
## 375    8    3    5        23    1    4    1         9    NA
## 376    8    3    5        23    1    4    1         9     0
## 377    8    3    5        23    1    4    1         9     0
## 378    8    3    5        23    1    4    1         9     0
## 379    8    3    5        23    1    4    1         9     0
## 380    8    3    5        23    1    4    1         9     0
## 381    4    2    7        55    1    5    1         1     0
## 382    4    2    7        55    1    5    1         1    NA
## 383    4    2    7        55    1    5    1         1    NA
## 384    4    2    7        55    1    5    1         1    NA
## 385    4    2    7        55    1    5    1         1     0
## 386    4    2    7        55    1    5    1         1     0
## 387    4    2    7        55    1    5    1         1     0
## 388    4    2    7        55    1    5    1         1     0
## 389    4    2    7        55    1    5    1         1     0
## 390    4    2    7        55    1    5    1         1     0
## 391    4    3    3         6    1    2    3        11    NA
## 392    4    3    3         6    1    2    3        11    NA
## 393    4    3    3         6    1    2    3        11     1
## 394    4    3    3         6    1    2    3        11     1
## 395    4    3    3         6    1    2    3        11     1
## 396    4    3    3         6    1    2    3        11    NA
## 397    4    3    3         6    1    2    3        11     0
## 398    4    3    3         6    1    2    3        11     1
## 399    4    3    3         6    1    2    3        11    NA
## 400    4    3    3         6    1    2    3        11     1
## 401    3    2    6        41    1    4    3         1     0
## 402    3    2    6        41    1    4    3         1     1
## 403    3    2    6        41    1    4    3         1     1
## 404    3    2    6        41    1    4    3         1     0
## 405    3    2    6        41    1    4    3         1     1
## 406    3    2    6        41    1    4    3         1     1
## 407    3    2    6        41    1    4    3         1     0
## 408    3    2    6        41    1    4    3         1     0
## 409    3    2    6        41    1    4    3         1     0
## 410    3    2    6        41    1    4    3         1     0
## 411    6    2    6        17    1    4    1        11     0
## 412    6    2    6        17    1    4    1        11     1
## 413    6    2    6        17    1    4    1        11     1
## 414    6    2    6        17    1    4    1        11     0
```

```
## 415     6    2    6      17    1    4    1    11     1
## 416     6    2    6      17    1    4    1    11     0
## 417     6    2    6      17    1    4    1    11     0
## 418     6    2    6      17    1    4    1    11     1
## 419     6    2    6      17    1    4    1    11     1
## 420     6    2    6      17    1    4    1    11     0
## 421     1    1    1      12    1    2    1    11     1
## 422     1    1    1      12    1    2    1    11     1
## 423     1    1    1      12    1    2    1    11     1
## 424     1    1    1      12    1    2    1    11     1
## 425     1    1    1      12    1    2    1    11     1
## 426     1    1    1      12    1    2    1    11     1
## 427     1    1    1      12    1    2    1    11     1
## 428     1    1    1      12    1    2    1    11     1
## 429     1    1    1      12    1    2    1    11     1
## 430     1    1    1      12    1    2    1    11     1
## 431     8    3    4      35    1    3    1     9     1
## 432     8    3    4      35    1    3    1     9     1
## 433     8    3    4      35    1    3    1     9     1
## 434     8    3    4      35    1    3    1     9     0
## 435     8    3    4      35    1    3    1     9     1
## 436     8    3    4      35    1    3    1     9     0
## 437     8    3    4      35    1    3    1     9     1
## 438     8    3    4      35    1    3    1     9     1
## 439     8    3    4      35    1    3    1     9     1
## 440     8    3    4      35    1    3    1     9     0
## 441     2    2    6      36    1    3    2    12     1
## 442     2    2    6      36    1    3    2    12     1
## 443     2    2    6      36    1    3    2    12    NA
## 444     2    2    6      36    1    3    2    12     0
## 445     2    2    6      36    1    3    2    12     1
## 446     2    2    6      36    1    3    2    12     1
## 447     2    2    6      36    1    3    2    12     1
## 448     2    2    6      36    1    3    2    12     1
## 449     2    2    6      36    1    3    2    12     1
## 450     2    2    6      36    1    3    2    12     1
## 451     3    1    2      40    1    5    2     1     0
## 452     3    1    2      40    1    5    2     1    NA
## 453     3    1    2      40    1    5    2     1     0
## 454     3    1    2      40    1    5    2     1    NA
## 455     3    1    2      40    1    5    2     1     0
## 456     3    1    2      40    1    5    2     1     0
## 457     3    1    2      40    1    5    2     1     0
## 458     3    1    2      40    1    5    2     1     1
## 459     3    1    2      40    1    5    2     1     0
## 460     3    1    2      40    1    5    2     1     0
## 461    97    2    7      48    1    4    2    12     0
## 462    97    2    7      48    1    4    2    12     0
## 463    97    2    7      48    1    4    2    12    NA
## 464    97    2    7      48    1    4    2    12     0
## 465    97    2    7      48    1    4    2    12     0
## 466    97    2    7      48    1    4    2    12     0
## 467    97    2    7      48    1    4    2    12     0
## 468    97    2    7      48    1    4    2    12     0
```

```
## 469     97   2   7       48    1   4   2     12      0
## 470     97   2   7       48    1   4   2     12      0
## 471      4   3   3       39    1   3   1      1      1
## 472      4   3   3       39    1   3   1      1      1
## 473      4   3   3       39    1   3   1      1      1
## 474      4   3   3       39    1   3   1      1     NA
## 475      4   3   3       39    1   3   1      1      1
## 476      4   3   3       39    1   3   1      1      1
## 477      4   3   3       39    1   3   1      1      0
## 478      4   3   3       39    1   3   1      1      1
## 479      4   3   3       39    1   3   1      1     NA
## 480      4   3   3       39    1   3   1      1     NA
## 481      5   3   4       55    1   3   2      1      0
## 482      5   3   4       55    1   3   2      1      1
## 483      5   3   4       55    1   3   2      1     NA
## 484      5   3   4       55    1   3   2      1      0
## 485      5   3   4       55    1   3   2      1     NA
## 486      5   3   4       55    1   3   2      1     NA
## 487      5   3   4       55    1   3   2      1      0
## 488      5   3   4       55    1   3   2      1      1
## 489      5   3   4       55    1   3   2      1      0
## 490      5   3   4       55    1   3   2      1      0
## 491      9   3   4       55    1   3   1      2      1
## 492      9   3   4       55    1   3   1      2      1
## 493      9   3   4       55    1   3   1      2      1
## 494      9   3   4       55    1   3   1      2     NA
## 495      9   3   4       55    1   3   1      2      1
## 496      9   3   4       55    1   3   1      2     NA
## 497      9   3   4       55    1   3   1      2      0
## 498      9   3   4       55    1   3   1      2      1
## 499      9   3   4       55    1   3   1      2     NA
## 500      9   3   4       55    1   3   1      2      0
## 501      5   2   7       51    1   3   1      2      1
## 502      5   2   7       51    1   3   1      2      1
## 503      5   2   7       51    1   3   1      2      0
## 504      5   2   7       51    1   3   1      2      0
## 505      5   2   7       51    1   3   1      2      1
## 506      5   2   7       51    1   3   1      2      0
## 507      5   2   7       51    1   3   1      2      1
## 508      5   2   7       51    1   3   1      2      1
## 509      5   2   7       51    1   3   1      2      1
## 510      5   2   7       51    1   3   1      2      0
## 511      5   3   4       21    1   3   1     11      0
## 512      5   3   4       21    1   3   1     11     NA
## 513      5   3   4       21    1   3   1     11      1
## 514      5   3   4       21    1   3   1     11      1
## 515      5   3   4       21    1   3   1     11      0
## 516      5   3   4       21    1   3   1     11      0
## 517      5   3   4       21    1   3   1     11      1
## 518      5   3   4       21    1   3   1     11      1
## 519      5   3   4       21    1   3   1     11      0
## 520      5   3   4       21    1   3   1     11      0
## 521      4   3   4        4    1   3   2     11      0
## 522      4   3   4        4    1   3   2     11     NA
```

```
## 523      4    3    4         4    1    3    2    11     1
## 524      4    3    4         4    1    3    2    11    NA
## 525      4    3    4         4    1    3    2    11     1
## 526      4    3    4         4    1    3    2    11     0
## 527      4    3    4         4    1    3    2    11    NA
## 528      4    3    4         4    1    3    2    11     1
## 529      4    3    4         4    1    3    2    11    NA
## 530      4    3    4         4    1    3    2    11     1
## 531      1    1    1        12    1    1    2     9     1
## 532      1    1    1        12    1    1    2     9     1
## 533      1    1    1        12    1    1    2     9     1
## 534      1    1    1        12    1    1    2     9    NA
## 535      1    1    1        12    1    1    2     9     1
## 536      1    1    1        12    1    1    2     9     1
## 537      1    1    1        12    1    1    2     9     1
## 538      1    1    1        12    1    1    2     9     1
## 539      1    1    1        12    1    1    2     9     1
## 540      1    1    1        12    1    1    2     9     1
## 541      5    2    6        12    1    4    2     1     0
## 542      5    2    6        12    1    4    2     1     1
## 543      5    2    6        12    1    4    2     1     0
## 544      5    2    6        12    1    4    2     1     0
## 545      5    2    6        12    1    4    2     1     0
## 546      5    2    6        12    1    4    2     1     0
## 547      5    2    6        12    1    4    2     1     0
## 548      5    2    6        12    1    4    2     1     1
## 549      5    2    6        12    1    4    2     1     0
## 550      5    2    6        12    1    4    2     1     0
## 551     97    3    4        42    1    4    2    11     0
## 552     97    3    4        42    1    4    2    11    NA
## 553     97    3    4        42    1    4    2    11     1
## 554     97    3    4        42    1    4    2    11     1
## 555     97    3    4        42    1    4    2    11     1
## 556     97    3    4        42    1    4    2    11     1
## 557     97    3    4        42    1    4    2    11    NA
## 558     97    3    4        42    1    4    2    11    NA
## 559     97    3    4        42    1    4    2    11     0
## 560     97    3    4        42    1    4    2    11     0
## 561      2    1    1        29    1    3    2     1     0
## 562      2    1    1        29    1    3    2     1    NA
## 563      2    1    1        29    1    3    2     1     1
## 564      2    1    1        29    1    3    2     1    NA
## 565      2    1    1        29    1    3    2     1     0
## 566      2    1    1        29    1    3    2     1     1
## 567      2    1    1        29    1    3    2     1     1
## 568      2    1    1        29    1    3    2     1     1
## 569      2    1    1        29    1    3    2     1     1
## 570      2    1    1        29    1    3    2     1     1
## 571      6    3    5        26    1    3    3    11    NA
## 572      6    3    5        26    1    3    3    11    NA
## 573      6    3    5        26    1    3    3    11     1
## 574      6    3    5        26    1    3    3    11     0
## 575      6    3    5        26    1    3    3    11     0
## 576      6    3    5        26    1    3    3    11     1
```

```
## 577    6    3    5    26    1    3    3    11    1
## 578    6    3    5    26    1    3    3    11    1
## 579    6    3    5    26    1    3    3    11    0
## 580    6    3    5    26    1    3    3    11    0
## 581    3    1    1    36    1    1    2     9    1
## 582    3    1    1    36    1    1    2     9    1
## 583    3    1    1    36    1    1    2     9    1
## 584    3    1    1    36    1    1    2     9   NA
## 585    3    1    1    36    1    1    2     9    1
## 586    3    1    1    36    1    1    2     9    1
## 587    3    1    1    36    1    1    2     9    1
## 588    3    1    1    36    1    1    2     9    1
## 589    3    1    1    36    1    1    2     9    1
## 590    3    1    1    36    1    1    2     9    1
## 591    4    1    2    17    1    3    2     1    0
## 592    4    1    2    17    1    3    2     1    1
## 593    4    1    2    17    1    3    2     1    1
## 594    4    1    2    17    1    3    2     1    0
## 595    4    1    2    17    1    3    2     1   NA
## 596    4    1    2    17    1    3    2     1    0
## 597    4    1    2    17    1    3    2     1    0
## 598    4    1    2    17    1    3    2     1   NA
## 599    4    1    2    17    1    3    2     1   NA
## 600    4    1    2    17    1    3    2     1    1
## 601    6    2    6    42    1    3    1     2    0
## 602    6    2    6    42    1    3    1     2    1
## 603    6    2    6    42    1    3    1     2    0
## 604    6    2    6    42    1    3    1     2    0
## 605    6    2    6    42    1    3    1     2    0
## 606    6    2    6    42    1    3    1     2    1
## 607    6    2    6    42    1    3    1     2    1
## 608    6    2    6    42    1    3    1     2    1
## 609    6    2    6    42    1    3    1     2    0
## 610    6    2    6    42    1    3    1     2    0
## 611    4    3    5    41    1    4    1     1   NA
## 612    4    3    5    41    1    4    1     1   NA
## 613    4    3    5    41    1    4    1     1   NA
## 614    4    3    5    41    1    4    1     1    0
## 615    4    3    5    41    1    4    1     1   NA
## 616    4    3    5    41    1    4    1     1   NA
## 617    4    3    5    41    1    4    1     1    0
## 618    4    3    5    41    1    4    1     1    0
## 619    4    3    5    41    1    4    1     1    0
## 620    4    3    5    41    1    4    1     1   NA
## 621    4    2    7     6    1    3    3    11    1
## 622    4    2    7     6    1    3    3    11    1
## 623    4    2    7     6    1    3    3    11    0
## 624    4    2    7     6    1    3    3    11   NA
## 625    4    2    7     6    1    3    3    11    0
## 626    4    2    7     6    1    3    3    11    1
## 627    4    2    7     6    1    3    3    11    1
## 628    4    2    7     6    1    3    3    11    1
## 629    4    2    7     6    1    3    3    11    1
## 630    4    2    7     6    1    3    3    11    1
```

```
## 631    97   1   2      36      1   2   1      2      1
## 632    97   1   2      36      1   2   1      2      1
## 633    97   1   2      36      1   2   1      2      1
## 634    97   1   2      36      1   2   1      2      1
## 635    97   1   2      36      1   2   1      2      1
## 636    97   1   2      36      1   2   1      2      1
## 637    97   1   2      36      1   2   1      2      1
## 638    97   1   2      36      1   2   1      2      1
## 639    97   1   2      36      1   2   1      2      1
## 640    97   1   2      36      1   2   1      2      1
## 641     2   1   1      37      1   4   2      1      1
## 642     2   1   1      37      1   4   2      1      1
## 643     2   1   1      37      1   4   2      1     NA
## 644     2   1   1      37      1   4   2      1     NA
## 645     2   1   1      37      1   4   2      1     NA
## 646     2   1   1      37      1   4   2      1      1
## 647     2   1   1      37      1   4   2      1      1
## 648     2   1   1      37      1   4   2      1      1
## 649     2   1   1      37      1   4   2      1     NA
## 650     2   1   1      37      1   4   2      1      1
## 651     3   1   1      48      1   1   1      2      1
## 652     3   1   1      48      1   1   1      2      1
## 653     3   1   1      48      1   1   1      2      1
## 654     3   1   1      48      1   1   1      2      1
## 655     3   1   1      48      1   1   1      2      0
## 656     3   1   1      48      1   1   1      2      1
## 657     3   1   1      48      1   1   1      2      1
## 658     3   1   1      48      1   1   1      2      1
## 659     3   1   1      48      1   1   1      2      1
## 660     3   1   1      48      1   1   1      2      1
## 661     5   3   3      25      1   3   1     11      1
## 662     5   3   3      25      1   3   1     11      1
## 663     5   3   3      25      1   3   1     11      1
## 664     5   3   3      25      1   3   1     11     NA
## 665     5   3   3      25      1   3   1     11      1
## 666     5   3   3      25      1   3   1     11      1
## 667     5   3   3      25      1   3   1     11      1
## 668     5   3   3      25      1   3   1     11      1
## 669     5   3   3      25      1   3   1     11      1
## 670     5   3   3      25      1   3   1     11      1
## 671    12   2   6      53      1   4   1      1      0
## 672    12   2   6      53      1   4   1      1      0
## 673    12   2   6      53      1   4   1      1      1
## 674    12   2   6      53      1   4   1      1      0
## 675    12   2   6      53      1   4   1      1      0
## 676    12   2   6      53      1   4   1      1      0
## 677    12   2   6      53      1   4   1      1      0
## 678    12   2   6      53      1   4   1      1      0
## 679    12   2   6      53      1   4   1      1     NA
## 680    12   2   6      53      1   4   1      1      0
## 681     1   1   1      39      1   2   4      1      1
## 682     1   1   1      39      1   2   4      1      1
## 683     1   1   1      39      1   2   4      1      1
## 684     1   1   1      39      1   2   4      1      1
```

```
## 685     1    1    1    39    1    2    4     1     0
## 686     1    1    1    39    1    2    4     1     1
## 687     1    1    1    39    1    2    4     1     1
## 688     1    1    1    39    1    2    4     1     1
## 689     1    1    1    39    1    2    4     1    NA
## 690     1    1    1    39    1    2    4     1     1
## 691     9    3    3     6    1    3    1    11     1
## 692     9    3    3     6    1    3    1    11     1
## 693     9    3    3     6    1    3    1    11     1
## 694     9    3    3     6    1    3    1    11     1
## 695     9    3    3     6    1    3    1    11     0
## 696     9    3    3     6    1    3    1    11     1
## 697     9    3    3     6    1    3    1    11     1
## 698     9    3    3     6    1    3    1    11     1
## 699     9    3    3     6    1    3    1    11     1
## 700     9    3    3     6    1    3    1    11     1
## 701     3    2    6    48    1    3    1     1     0
## 702     3    2    6    48    1    3    1     1     1
## 703     3    2    6    48    1    3    1     1     1
## 704     3    2    6    48    1    3    1     1    NA
## 705     3    2    6    48    1    3    1     1     0
## 706     3    2    6    48    1    3    1     1     0
## 707     3    2    6    48    1    3    1     1    NA
## 708     3    2    6    48    1    3    1     1     1
## 709     3    2    6    48    1    3    1     1    NA
## 710     3    2    6    48    1    3    1     1     0
## 711     2    2    6     4    1    3    1    12     0
## 712     2    2    6     4    1    3    1    12     0
## 713     2    2    6     4    1    3    1    12    NA
## 714     2    2    6     4    1    3    1    12     0
## 715     2    2    6     4    1    3    1    12     0
## 716     2    2    6     4    1    3    1    12    NA
## 717     2    2    6     4    1    3    1    12     0
## 718     2    2    6     4    1    3    1    12    NA
## 719     2    2    6     4    1    3    1    12     0
## 720     2    2    6     4    1    3    1    12     0
## 721     1    2    7    21    2    5    3    12     0
## 722     1    2    7    21    2    5    3    12     1
## 723     1    2    7    21    2    5    3    12    NA
## 724     1    2    7    21    2    5    3    12     0
## 725     1    2    7    21    2    5    3    12     1
## 726     1    2    7    21    2    5    3    12    NA
## 727     1    2    7    21    2    5    3    12    NA
## 728     1    2    7    21    2    5    3    12     1
## 729     1    2    7    21    2    5    3    12    NA
## 730     1    2    7    21    2    5    3    12    NA
## 731     3    3    4    41    1    3    2    11     1
## 732     3    3    4    41    1    3    2    11    NA
## 733     3    3    4    41    1    3    2    11    NA
## 734     3    3    4    41    1    3    2    11    NA
## 735     3    3    4    41    1    3    2    11    NA
## 736     3    3    4    41    1    3    2    11    NA
## 737     3    3    4    41    1    3    2    11     1
## 738     3    3    4    41    1    3    2    11    NA
```

```
## 739    3    3    4    41    1    3    2    11    NA
## 740    3    3    4    41    1    3    2    11     1
## 741    9    2    7    26    1    4    1     1     0
## 742    9    2    7    26    1    4    1     1     1
## 743    9    2    7    26    1    4    1     1     1
## 744    9    2    7    26    1    4    1     1     0
## 745    9    2    7    26    1    4    1     1     0
## 746    9    2    7    26    1    4    1     1     0
## 747    9    2    7    26    1    4    1     1     0
## 748    9    2    7    26    1    4    1     1    NA
## 749    9    2    7    26    1    4    1     1     0
## 750    9    2    7    26    1    4    1     1     1
## 751    4    1    1     6    1    3    1    11     1
## 752    4    1    1     6    1    3    1    11     1
## 753    4    1    1     6    1    3    1    11     1
## 754    4    1    1     6    1    3    1    11     1
## 755    4    1    1     6    1    3    1    11    NA
## 756    4    1    1     6    1    3    1    11     1
## 757    4    1    1     6    1    3    1    11     1
## 758    4    1    1     6    1    3    1    11     1
## 759    4    1    1     6    1    3    1    11    NA
## 760    4    1    1     6    1    3    1    11     1
## 761    7    3    4    36    1    3    1     2     1
## 762    7    3    4    36    1    3    1     2     1
## 763    7    3    4    36    1    3    1     2     0
## 764    7    3    4    36    1    3    1     2    NA
## 765    7    3    4    36    1    3    1     2     1
## 766    7    3    4    36    1    3    1     2     0
## 767    7    3    4    36    1    3    1     2     0
## 768    7    3    4    36    1    3    1     2     1
## 769    7    3    4    36    1    3    1     2     1
## 770    7    3    4    36    1    3    1     2     0
## 771    5    4    5     6    1    4    1     1     1
## 772    5    4    5     6    1    4    1     1     0
## 773    5    4    5     6    1    4    1     1     1
## 774    5    4    5     6    1    4    1     1    NA
## 775    5    4    5     6    1    4    1     1     0
## 776    5    4    5     6    1    4    1     1     0
## 777    5    4    5     6    1    4    1     1     0
## 778    5    4    5     6    1    4    1     1     0
## 779    5    4    5     6    1    4    1     1     0
## 780    5    4    5     6    1    4    1     1     0
## 781    1    1    2    36    1    3    2     2     1
## 782    1    1    2    36    1    3    2     2     1
## 783    1    1    2    36    1    3    2     2     1
## 784    1    1    2    36    1    3    2     2     1
## 785    1    1    2    36    1    3    2     2    NA
## 786    1    1    2    36    1    3    2     2    NA
## 787    1    1    2    36    1    3    2     2     1
## 788    1    1    2    36    1    3    2     2     1
## 789    1    1    2    36    1    3    2     2    NA
## 790    1    1    2    36    1    3    2     2     1
## 791    2    4    4    37    1    5    1     1     0
## 792    2    4    4    37    1    5    1     1     0
```

```
## 793     2    4    4        37    1    5    1        1        1
## 794     2    4    4        37    1    5    1        1        0
## 795     2    4    4        37    1    5    1        1        0
## 796     2    4    4        37    1    5    1        1        0
## 797     2    4    4        37    1    5    1        1        0
## 798     2    4    4        37    1    5    1        1        0
## 799     2    4    4        37    1    5    1        1        0
## 800     2    4    4        37    1    5    1        1        0
## 801     6    1    2        48    1    3    1       11        1
## 802     6    1    2        48    1    3    1       11        1
## 803     6    1    2        48    1    3    1       11        1
## 804     6    1    2        48    1    3    1       11        0
## 805     6    1    2        48    1    3    1       11        1
## 806     6    1    2        48    1    3    1       11        1
## 807     6    1    2        48    1    3    1       11        1
## 808     6    1    2        48    1    3    1       11        1
## 809     6    1    2        48    1    3    1       11        1
## 810     6    1    2        48    1    3    1       11        1
## 811    12    2    7        47    1    4    2       10        1
## 812    12    2    7        47    1    4    2       10        1
## 813    12    2    7        47    1    4    2       10        1
## 814    12    2    7        47    1    4    2       10        0
## 815    12    2    7        47    1    4    2       10        1
## 816    12    2    7        47    1    4    2       10        1
## 817    12    2    7        47    1    4    2       10       NA
## 818    12    2    7        47    1    4    2       10        1
## 819    12    2    7        47    1    4    2       10        1
## 820    12    2    7        47    1    4    2       10        1
## 821     5    1    1         6    1    2    1       12        1
## 822     5    1    1         6    1    2    1       12        1
## 823     5    1    1         6    1    2    1       12        1
## 824     5    1    1         6    1    2    1       12        1
## 825     5    1    1         6    1    2    1       12        1
## 826     5    1    1         6    1    2    1       12        1
## 827     5    1    1         6    1    2    1       12        1
## 828     5    1    1         6    1    2    1       12        1
## 829     5    1    1         6    1    2    1       12        1
## 830     5    1    1         6    1    2    1       12        1
## 831    97    4    4        19    1    6    3        1       NA
## 832    97    4    4        19    1    6    3        1        1
## 833    97    4    4        19    1    6    3        1        1
## 834    97    4    4        19    1    6    3        1       NA
## 835    97    4    4        19    1    6    3        1       NA
## 836    97    4    4        19    1    6    3        1       NA
## 837    97    4    4        19    1    6    3        1        1
## 838    97    4    4        19    1    6    3        1        1
## 839    97    4    4        19    1    6    3        1       NA
## 840    97    4    4        19    1    6    3        1       NA
## 841     9    2    7        53    1    4    2        2        0
## 842     9    2    7        53    1    4    2        2        0
## 843     9    2    7        53    1    4    2        2        1
## 844     9    2    7        53    1    4    2        2        0
## 845     9    2    7        53    1    4    2        2        0
## 846     9    2    7        53    1    4    2        2        1
```

```
## 847    9   2   7   53   1   4   2   2   0
## 848    9   2   7   53   1   4   2   2   0
## 849    9   2   7   53   1   4   2   2   0
## 850    9   2   7   53   1   4   2   2   0
## 851    6   3   4   25   1   2   1   9   1
## 852    6   3   4   25   1   2   1   9   1
## 853    6   3   4   25   1   2   1   9   1
## 854    6   3   4   25   1   2   1   9   1
## 855    6   3   4   25   1   2   1   9   0
## 856    6   3   4   25   1   2   1   9   1
## 857    6   3   4   25   1   2   1   9   1
## 858    6   3   4   25   1   2   1   9   1
## 859    6   3   4   25   1   2   1   9   1
## 860    6   3   4   25   1   2   1   9   1
## 861    3   1   1   25   1   3   1   2   1
## 862    3   1   1   25   1   3   1   2   1
## 863    3   1   1   25   1   3   1   2   1
## 864    3   1   1   25   1   3   1   2   NA
## 865    3   1   1   25   1   3   1   2   NA
## 866    3   1   1   25   1   3   1   2   1
## 867    3   1   1   25   1   3   1   2   1
## 868    3   1   1   25   1   3   1   2   1
## 869    3   1   1   25   1   3   1   2   1
## 870    3   1   1   25   1   3   1   2   1
## 871   97   1   1    6   1   2   1   9   1
## 872   97   1   1    6   1   2   1   9   1
## 873   97   1   1    6   1   2   1   9   1
## 874   97   1   1    6   1   2   1   9   1
## 875   97   1   1    6   1   2   1   9   1
## 876   97   1   1    6   1   2   1   9   1
## 877   97   1   1    6   1   2   1   9   1
## 878   97   1   1    6   1   2   1   9   1
## 879   97   1   1    6   1   2   1   9   1
## 880   97   1   1    6   1   2   1   9   1
## 881   11   2   6    6   1   3   2   1   NA
## 882   11   2   6    6   1   3   2   1   0
## 883   11   2   6    6   1   3   2   1   1
## 884   11   2   6    6   1   3   2   1   NA
## 885   11   2   6    6   1   3   2   1   NA
## 886   11   2   6    6   1   3   2   1   NA
## 887   11   2   6    6   1   3   2   1   NA
## 888   11   2   6    6   1   3   2   1   1
## 889   11   2   6    6   1   3   2   1   NA
## 890   11   2   6    6   1   3   2   1   NA
## 891    2   1   1   44   1   3   2   2   1
## 892    2   1   1   44   1   3   2   2   1
## 893    2   1   1   44   1   3   2   2   0
## 894    2   1   1   44   1   3   2   2   NA
## 895    2   1   1   44   1   3   2   2   1
## 896    2   1   1   44   1   3   2   2   0
## 897    2   1   1   44   1   3   2   2   1
## 898    2   1   1   44   1   3   2   2   1
## 899    2   1   1   44   1   3   2   2   1
## 900    2   1   1   44   1   3   2   2   1
```

```
## 901     9    2    6    29    1    5    2     1    1
## 902     9    2    6    29    1    5    2     1    1
## 903     9    2    6    29    1    5    2     1    1
## 904     9    2    6    29    1    5    2     1    0
## 905     9    2    6    29    1    5    2     1    0
## 906     9    2    6    29    1    5    2     1    1
## 907     9    2    6    29    1    5    2     1    1
## 908     9    2    6    29    1    5    2     1    1
## 909     9    2    6    29    1    5    2     1    0
## 910     9    2    6    29    1    5    2     1    0
## 911    10    1    1    13    1    2    1     2    1
## 912    10    1    1    13    1    2    1     2    1
## 913    10    1    1    13    1    2    1     2    1
## 914    10    1    1    13    1    2    1     2    1
## 915    10    1    1    13    1    2    1     2   NA
## 916    10    1    1    13    1    2    1     2    1
## 917    10    1    1    13    1    2    1     2    1
## 918    10    1    1    13    1    2    1     2    1
## 919    10    1    1    13    1    2    1     2    1
## 920    10    1    1    13    1    2    1     2    1
## 921     2    4    4    16    1    3    1    11    1
## 922     2    4    4    16    1    3    1    11    1
## 923     2    4    4    16    1    3    1    11    1
## 924     2    4    4    16    1    3    1    11   NA
## 925     2    4    4    16    1    3    1    11    1
## 926     2    4    4    16    1    3    1    11    1
## 927     2    4    4    16    1    3    1    11    1
## 928     2    4    4    16    1    3    1    11    1
## 929     2    4    4    16    1    3    1    11    1
## 930     2    4    4    16    1    3    1    11    1
## 931    97    2    6    29    1    3    1     1    1
## 932    97    2    6    29    1    3    1     1    1
## 933    97    2    6    29    1    3    1     1   NA
## 934    97    2    6    29    1    3    1     1    1
## 935    97    2    6    29    1    3    1     1    1
## 936    97    2    6    29    1    3    1     1    1
## 937    97    2    6    29    1    3    1     1    1
## 938    97    2    6    29    1    3    1     1    1
## 939    97    2    6    29    1    3    1     1    1
## 940    97    2    6    29    1    3    1     1    0
## 941     2    3    4    21    2    3    7    12    0
## 942     2    3    4    21    2    3    7    12   NA
## 943     2    3    4    21    2    3    7    12    1
## 944     2    3    4    21    2    3    7    12   NA
## 945     2    3    4    21    2    3    7    12   NA
## 946     2    3    4    21    2    3    7    12   NA
## 947     2    3    4    21    2    3    7    12    1
## 948     2    3    4    21    2    3    7    12    1
## 949     2    3    4    21    2    3    7    12    1
## 950     2    3    4    21    2    3    7    12    1
## 951     2    1    2    20    1    3    3     1   NA
## 952     2    1    2    20    1    3    3     1    1
## 953     2    1    2    20    1    3    3     1    1
## 954     2    1    2    20    1    3    3     1   NA
```

```
## 955     2    1    2    20    1    3    3    1    1
## 956     2    1    2    20    1    3    3    1    1
## 957     2    1    2    20    1    3    3    1    0
## 958     2    1    2    20    1    3    3    1    1
## 959     2    1    2    20    1    3    3    1    0
## 960     2    1    2    20    1    3    3    1    1
## 961     2    1    1     5    1    3    3    1    1
## 962     2    1    1     5    1    3    3    1    1
## 963     2    1    1     5    1    3    3    1   NA
## 964     2    1    1     5    1    3    3    1    1
## 965     2    1    1     5    1    3    3    1   NA
## 966     2    1    1     5    1    3    3    1    1
## 967     2    1    1     5    1    3    3    1   NA
## 968     2    1    1     5    1    3    3    1    1
## 969     2    1    1     5    1    3    3    1   NA
## 970     2    1    1     5    1    3    3    1    1
## 971     4    1    2    17    1    2    3    1    1
## 972     4    1    2    17    1    2    3    1    1
## 973     4    1    2    17    1    2    3    1    1
## 974     4    1    2    17    1    2    3    1   NA
## 975     4    1    2    17    1    2    3    1    1
## 976     4    1    2    17    1    2    3    1   NA
## 977     4    1    2    17    1    2    3    1    1
## 978     4    1    2    17    1    2    3    1    1
## 979     4    1    2    17    1    2    3    1    0
## 980     4    1    2    17    1    2    3    1    1
## 981    97    2    6    42    1    4    1    2    0
## 982    97    2    6    42    1    4    1    2   NA
## 983    97    2    6    42    1    4    1    2    1
## 984    97    2    6    42    1    4    1    2   NA
## 985    97    2    6    42    1    4    1    2    0
## 986    97    2    6    42    1    4    1    2    1
## 987    97    2    6    42    1    4    1    2    0
## 988    97    2    6    42    1    4    1    2    1
## 989    97    2    6    42    1    4    1    2    0
## 990    97    2    6    42    1    4    1    2    1
## 991    10    3    4     6    1    3    1    2    1
## 992    10    3    4     6    1    3    1    2   NA
## 993    10    3    4     6    1    3    1    2    1
## 994    10    3    4     6    1    3    1    2   NA
## 995    10    3    4     6    1    3    1    2    1
## 996    10    3    4     6    1    3    1    2   NA
## 997    10    3    4     6    1    3    1    2    1
## 998    10    3    4     6    1    3    1    2    1
## 999    10    3    4     6    1    3    1    2    1
## 1000   10    3    4     6    1    3    1    2    1
## 1001    8    2    6    33    1    4    2    2    1
## 1002    8    2    6    33    1    4    2    2    1
## 1003    8    2    6    33    1    4    2    2    1
## 1004    8    2    6    33    1    4    2    2    0
## 1005    8    2    6    33    1    4    2    2    1
## 1006    8    2    6    33    1    4    2    2    0
## 1007    8    2    6    33    1    4    2    2    0
## 1008    8    2    6    33    1    4    2    2    1
```

```
## 1009     8    2    6       33     1    4    2        2        0
## 1010     8    2    6       33     1    4    2        2        0
## 1011     2    3    4       21     1    3    2       10        1
## 1012     2    3    4       21     1    3    2       10        1
## 1013     2    3    4       21     1    3    2       10        0
## 1014     2    3    4       21     1    3    2       10       NA
## 1015     2    3    4       21     1    3    2       10        1
## 1016     2    3    4       21     1    3    2       10        1
## 1017     2    3    4       21     1    3    2       10        1
## 1018     2    3    4       21     1    3    2       10        1
## 1019     2    3    4       21     1    3    2       10        1
## 1020     2    3    4       21     1    3    2       10        0
## 1021    10    3    4       26     1    3    2        2        1
## 1022    10    3    4       26     1    3    2        2        1
## 1023    10    3    4       26     1    3    2        2        1
## 1024    10    3    4       26     1    3    2        2       NA
## 1025    10    3    4       26     1    3    2        2        1
## 1026    10    3    4       26     1    3    2        2        1
## 1027    10    3    4       26     1    3    2        2        1
## 1028    10    3    4       26     1    3    2        2        0
## 1029    10    3    4       26     1    3    2        2        1
## 1030    10    3    4       26     1    3    2        2        1
## 1031     5    3    3        4     3    2    1       10        1
## 1032     5    3    3        4     3    2    1       10        1
## 1033     5    3    3        4     3    2    1       10        1
## 1034     5    3    3        4     3    2    1       10       NA
## 1035     5    3    3        4     3    2    1       10        1
## 1036     5    3    3        4     3    2    1       10        1
## 1037     5    3    3        4     3    2    1       10        1
## 1038     5    3    3        4     3    2    1       10        1
## 1039     5    3    3        4     3    2    1       10        1
## 1040     5    3    3        4     3    2    1       10        1
## 1041     1    2    7        1     1    4    1        1        0
## 1042     1    2    7        1     1    4    1        1        0
## 1043     1    2    7        1     1    4    1        1       NA
## 1044     1    2    7        1     1    4    1        1       NA
## 1045     1    2    7        1     1    4    1        1        0
## 1046     1    2    7        1     1    4    1        1        0
## 1047     1    2    7        1     1    4    1        1        0
## 1048     1    2    7        1     1    4    1        1        0
## 1049     1    2    7        1     1    4    1        1        0
## 1050     1    2    7        1     1    4    1        1        0
## 1051     5    2    6       18     1    3    3       12        0
## 1052     5    2    6       18     1    3    3       12        1
## 1053     5    2    6       18     1    3    3       12        0
## 1054     5    2    6       18     1    3    3       12        0
## 1055     5    2    6       18     1    3    3       12        0
## 1056     5    2    6       18     1    3    3       12       NA
## 1057     5    2    6       18     1    3    3       12        0
## 1058     5    2    6       18     1    3    3       12        1
## 1059     5    2    6       18     1    3    3       12        1
## 1060     5    2    6       18     1    3    3       12        0
## 1061     5    3    5       25     1    3    2        1        1
## 1062     5    3    5       25     1    3    2        1        1
```

```
## 1063     5    3    5        25      1    3    2      1      1
## 1064     5    3    5        25      1    3    2      1     NA
## 1065     5    3    5        25      1    3    2      1     NA
## 1066     5    3    5        25      1    3    2      1      1
## 1067     5    3    5        25      1    3    2      1      1
## 1068     5    3    5        25      1    3    2      1      1
## 1069     5    3    5        25      1    3    2      1      1
## 1070     5    3    5        25      1    3    2      1      1
## 1071     8    3    3        53      1    3    1     12     NA
## 1072     8    3    3        53      1    3    1     12      1
## 1073     8    3    3        53      1    3    1     12      1
## 1074     8    3    3        53      1    3    1     12     NA
## 1075     8    3    3        53      1    3    1     12      1
## 1076     8    3    3        53      1    3    1     12      0
## 1077     8    3    3        53      1    3    1     12      0
## 1078     8    3    3        53      1    3    1     12      1
## 1079     8    3    3        53      1    3    1     12      1
## 1080     8    3    3        53      1    3    1     12      1
## 1081     3    1    2        37      1    5    2      1      0
## 1082     3    1    2        37      1    5    2      1     NA
## 1083     3    1    2        37      1    5    2      1     NA
## 1084     3    1    2        37      1    5    2      1      0
## 1085     3    1    2        37      1    5    2      1     NA
## 1086     3    1    2        37      1    5    2      1     NA
## 1087     3    1    2        37      1    5    2      1      0
## 1088     3    1    2        37      1    5    2      1      1
## 1089     3    1    2        37      1    5    2      1      0
## 1090     3    1    2        37      1    5    2      1      0
## 1091    97    2    7        12      1    4    1      2      0
## 1092    97    2    7        12      1    4    1      2      0
## 1093    97    2    7        12      1    4    1      2      1
## 1094    97    2    7        12      1    4    1      2     NA
## 1095    97    2    7        12      1    4    1      2      0
## 1096    97    2    7        12      1    4    1      2     NA
## 1097    97    2    7        12      1    4    1      2      0
## 1098    97    2    7        12      1    4    1      2     NA
## 1099    97    2    7        12      1    4    1      2      0
## 1100    97    2    7        12      1    4    1      2      0
## 1101     3    5    4        51      1    3    2      1      1
## 1102     3    5    4        51      1    3    2      1     NA
## 1103     3    5    4        51      1    3    2      1     NA
## 1104     3    5    4        51      1    3    2      1      0
## 1105     3    5    4        51      1    3    2      1      0
## 1106     3    5    4        51      1    3    2      1      1
## 1107     3    5    4        51      1    3    2      1      1
## 1108     3    5    4        51      1    3    2      1      1
## 1109     3    5    4        51      1    3    2      1     NA
## 1110     3    5    4        51      1    3    2      1      0
## 1111    97    3    5        48      1    4    1      1     NA
## 1112    97    3    5        48      1    4    1      1      1
## 1113    97    3    5        48      1    4    1      1     NA
## 1114    97    3    5        48      1    4    1      1     NA
## 1115    97    3    5        48      1    4    1      1      0
## 1116    97    3    5        48      1    4    1      1     NA
```

```
## 1117    97    3    5     48     1    4    1    1     0
## 1118    97    3    5     48     1    4    1    1     NA
## 1119    97    3    5     48     1    4    1    1     0
## 1120    97    3    5     48     1    4    1    1     0
## 1121    15    2    7      6     1    4    1    9     1
## 1122    15    2    7      6     1    4    1    9     1
## 1123    15    2    7      6     1    4    1    9     1
## 1124    15    2    7      6     1    4    1    9     1
## 1125    15    2    7      6     1    4    1    9     0
## 1126    15    2    7      6     1    4    1    9     0
## 1127    15    2    7      6     1    4    1    9     1
## 1128    15    2    7      6     1    4    1    9     1
## 1129    15    2    7      6     1    4    1    9     1
## 1130    15    2    7      6     1    4    1    9     1
## 1131     4    4    4      9     1    1    1    9     1
## 1132     4    4    4      9     1    1    1    9     1
## 1133     4    4    4      9     1    1    1    9     1
## 1134     4    4    4      9     1    1    1    9     NA
## 1135     4    4    4      9     1    1    1    9     1
## 1136     4    4    4      9     1    1    1    9     NA
## 1137     4    4    4      9     1    1    1    9     1
## 1138     4    4    4      9     1    1    1    9     1
## 1139     4    4    4      9     1    1    1    9     1
## 1140     4    4    4      9     1    1    1    9     1
## 1141     5    3    4      6     2    4    2    1     0
## 1142     5    3    4      6     2    4    2    1     0
## 1143     5    3    4      6     2    4    2    1     1
## 1144     5    3    4      6     2    4    2    1     0
## 1145     5    3    4      6     2    4    2    1     0
## 1146     5    3    4      6     2    4    2    1     1
## 1147     5    3    4      6     2    4    2    1     0
## 1148     5    3    4      6     2    4    2    1     1
## 1149     5    3    4      6     2    4    2    1     NA
## 1150     5    3    4      6     2    4    2    1     0
## 1151    97    2    7     48     1    5    2    1     NA
## 1152    97    2    7     48     1    5    2    1     1
## 1153    97    2    7     48     1    5    2    1     NA
## 1154    97    2    7     48     1    5    2    1     0
## 1155    97    2    7     48     1    5    2    1     NA
## 1156    97    2    7     48     1    5    2    1     NA
## 1157    97    2    7     48     1    5    2    1     NA
## 1158    97    2    7     48     1    5    2    1     NA
## 1159    97    2    7     48     1    5    2    1     NA
## 1160    97    2    7     48     1    5    2    1     NA
## 1161    11    3    4     29     1    6    4    2     0
## 1162    11    3    4     29     1    6    4    2     1
## 1163    11    3    4     29     1    6    4    2     NA
## 1164    11    3    4     29     1    6    4    2     NA
## 1165    11    3    4     29     1    6    4    2     NA
## 1166    11    3    4     29     1    6    4    2     NA
## 1167    11    3    4     29     1    6    4    2     NA
## 1168    11    3    4     29     1    6    4    2     1
## 1169    11    3    4     29     1    6    4    2     NA
## 1170    11    3    4     29     1    6    4    2     NA
```

```
## 1171     7    2    6       12      1    2    2       5       1
## 1172     7    2    6       12      1    2    2       5       1
## 1173     7    2    6       12      1    2    2       5       1
## 1174     7    2    6       12      1    2    2       5       1
## 1175     7    2    6       12      1    2    2       5       1
## 1176     7    2    6       12      1    2    2       5       1
## 1177     7    2    6       12      1    2    2       5       1
## 1178     7    2    6       12      1    2    2       5       1
## 1179     7    2    6       12      1    2    2       5       1
## 1180     7    2    6       12      1    2    2       5       1
## 1181    97    5    5       48      1    3    3       2       1
## 1182    97    5    5       48      1    3    3       2       1
## 1183    97    5    5       48      1    3    3       2       1
## 1184    97    5    5       48      1    3    3       2      NA
## 1185    97    5    5       48      1    3    3       2       1
## 1186    97    5    5       48      1    3    3       2       1
## 1187    97    5    5       48      1    3    3       2       1
## 1188    97    5    5       48      1    3    3       2       1
## 1189    97    5    5       48      1    3    3       2       1
## 1190    97    5    5       48      1    3    3       2      NA
## 1191     9    2    7       37      1    5    1       1       0
## 1192     9    2    7       37      1    5    1       1       0
## 1193     9    2    7       37      1    5    1       1       1
## 1194     9    2    7       37      1    5    1       1      NA
## 1195     9    2    7       37      1    5    1       1       0
## 1196     9    2    7       37      1    5    1       1       0
## 1197     9    2    7       37      1    5    1       1       0
## 1198     9    2    7       37      1    5    1       1       0
## 1199     9    2    7       37      1    5    1       1       0
## 1200     9    2    7       37      1    5    1       1       0
## 1201     1    3    4       53      1    3    3      11       1
## 1202     1    3    4       53      1    3    3      11       1
## 1203     1    3    4       53      1    3    3      11       1
## 1204     1    3    4       53      1    3    3      11       1
## 1205     1    3    4       53      1    3    3      11       1
## 1206     1    3    4       53      1    3    3      11       0
## 1207     1    3    4       53      1    3    3      11       1
## 1208     1    3    4       53      1    3    3      11       1
## 1209     1    3    4       53      1    3    3      11       1
## 1210     1    3    4       53      1    3    3      11       0
## 1211     4    3    5       37      1    4    3       1       0
## 1212     4    3    5       37      1    4    3       1       1
## 1213     4    3    5       37      1    4    3       1       1
## 1214     4    3    5       37      1    4    3       1      NA
## 1215     4    3    5       37      1    4    3       1       0
## 1216     4    3    5       37      1    4    3       1       1
## 1217     4    3    5       37      1    4    3       1       1
## 1218     4    3    5       37      1    4    3       1       1
## 1219     4    3    5       37      1    4    3       1       0
## 1220     4    3    5       37      1    4    3       1       1
## 1221     7    3    4       21      1    3    3       1       1
## 1222     7    3    4       21      1    3    3       1       1
## 1223     7    3    4       21      1    3    3       1       1
## 1224     7    3    4       21      1    3    3       1       0
```

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## 1225     7   3   4      21     1   3   3      1      0
## 1226     7   3   4      21     1   3   3      1      1
## 1227     7   3   4      21     1   3   3      1      1
## 1228     7   3   4      21     1   3   3      1      1
## 1229     7   3   4      21     1   3   3      1     NA
## 1230     7   3   4      21     1   3   3      1     NA
## 1231     6   1   2       6     1   2   2      2      1
## 1232     6   1   2       6     1   2   2      2      0
## 1233     6   1   2       6     1   2   2      2      1
## 1234     6   1   2       6     1   2   2      2     NA
## 1235     6   1   2       6     1   2   2      2      1
## 1236     6   1   2       6     1   2   2      2      1
## 1237     6   1   2       6     1   2   2      2      1
## 1238     6   1   2       6     1   2   2      2      1
## 1239     6   1   2       6     1   2   2      2      1
## 1240     6   1   2       6     1   2   2      2      1
## 1241     5   1   1      42     1   3   3      1      1
## 1242     5   1   1      42     1   3   3      1      0
## 1243     5   1   1      42     1   3   3      1      1
## 1244     5   1   1      42     1   3   3      1      0
## 1245     5   1   1      42     1   3   3      1      1
## 1246     5   1   1      42     1   3   3      1      1
## 1247     5   1   1      42     1   3   3      1      1
## 1248     5   1   1      42     1   3   3      1      1
## 1249     5   1   1      42     1   3   3      1      1
## 1250     5   1   1      42     1   3   3      1      1
## 1251     1   2   7      54     1   5   1     12      0
## 1252     1   2   7      54     1   5   1     12      0
## 1253     1   2   7      54     1   5   1     12      1
## 1254     1   2   7      54     1   5   1     12      0
## 1255     1   2   7      54     1   5   1     12      0
## 1256     1   2   7      54     1   5   1     12      0
## 1257     1   2   7      54     1   5   1     12      0
## 1258     1   2   7      54     1   5   1     12      0
## 1259     1   2   7      54     1   5   1     12      0
## 1260     1   2   7      54     1   5   1     12      0
## 1261    97   3   4      25     1   3   3     11      1
## 1262    97   3   4      25     1   3   3     11      1
## 1263    97   3   4      25     1   3   3     11      1
## 1264    97   3   4      25     1   3   3     11     NA
## 1265    97   3   4      25     1   3   3     11      0
## 1266    97   3   4      25     1   3   3     11     NA
## 1267    97   3   4      25     1   3   3     11     NA
## 1268    97   3   4      25     1   3   3     11      1
## 1269    97   3   4      25     1   3   3     11     NA
## 1270    97   3   4      25     1   3   3     11     NA
## 1271     4   2   7      17     1   4   1      1      0
## 1272     4   2   7      17     1   4   1      1      0
## 1273     4   2   7      17     1   4   1      1      1
## 1274     4   2   7      17     1   4   1      1      0
## 1275     4   2   7      17     1   4   1      1      0
## 1276     4   2   7      17     1   4   1      1      1
## 1277     4   2   7      17     1   4   1      1      0
## 1278     4   2   7      17     1   4   1      1     NA
```

```
## 1279     4    2    7    17    1    4    1     1    0
## 1280     4    2    7    17    1    4    1     1    0
## 1281     6    3    3    30    1    1    2     9    1
## 1282     6    3    3    30    1    1    2     9    1
## 1283     6    3    3    30    1    1    2     9    1
## 1284     6    3    3    30    1    1    2     9    1
## 1285     6    3    3    30    1    1    2     9   NA
## 1286     6    3    3    30    1    1    2     9    0
## 1287     6    3    3    30    1    1    2     9    1
## 1288     6    3    3    30    1    1    2     9    1
## 1289     6    3    3    30    1    1    2     9    1
## 1290     6    3    3    30    1    1    2     9    1
## 1291    10    1    1    19    1    2    2     2    1
## 1292    10    1    1    19    1    2    2     2    1
## 1293    10    1    1    19    1    2    2     2    1
## 1294    10    1    1    19    1    2    2     2   NA
## 1295    10    1    1    19    1    2    2     2    1
## 1296    10    1    1    19    1    2    2     2    1
## 1297    10    1    1    19    1    2    2     2    1
## 1298    10    1    1    19    1    2    2     2    1
## 1299    10    1    1    19    1    2    2     2    1
## 1300    10    1    1    19    1    2    2     2    1
## 1301     4    1    1    46    1    1    4     1    1
## 1302     4    1    1    46    1    1    4     1    1
## 1303     4    1    1    46    1    1    4     1    1
## 1304     4    1    1    46    1    1    4     1    1
## 1305     4    1    1    46    1    1    4     1    1
## 1306     4    1    1    46    1    1    4     1    1
## 1307     4    1    1    46    1    1    4     1    1
## 1308     4    1    1    46    1    1    4     1    1
## 1309     4    1    1    46    1    1    4     1    1
## 1310     4    1    1    46    1    1    4     1    1
## 1311     7    4    4    12    1    3    1     3    0
## 1312     7    4    4    12    1    3    1     3    0
## 1313     7    4    4    12    1    3    1     3    1
## 1314     7    4    4    12    1    3    1     3   NA
## 1315     7    4    4    12    1    3    1     3   NA
## 1316     7    4    4    12    1    3    1     3    0
## 1317     7    4    4    12    1    3    1     3    0
## 1318     7    4    4    12    1    3    1     3    0
## 1319     7    4    4    12    1    3    1     3   NA
## 1320     7    4    4    12    1    3    1     3    0
## 1321    97    1    2    51    1    3    2    11    0
## 1322    97    1    2    51    1    3    2    11    1
## 1323    97    1    2    51    1    3    2    11    1
## 1324    97    1    2    51    1    3    2    11    1
## 1325    97    1    2    51    1    3    2    11    1
## 1326    97    1    2    51    1    3    2    11    1
## 1327    97    1    2    51    1    3    2    11    1
## 1328    97    1    2    51    1    3    2    11    1
## 1329    97    1    2    51    1    3    2    11    1
## 1330    97    1    2    51    1    3    2    11    1
## 1331    31    2    6    55    1    4    1     2    1
## 1332    31    2    6    55    1    4    1     2    1
```

```
## 1333    31    2    6    55    1    4    1    2     1
## 1334    31    2    6    55    1    4    1    2     0
## 1335    31    2    6    55    1    4    1    2     0
## 1336    31    2    6    55    1    4    1    2     0
## 1337    31    2    6    55    1    4    1    2     0
## 1338    31    2    6    55    1    4    1    2     1
## 1339    31    2    6    55    1    4    1    2     1
## 1340    31    2    6    55    1    4    1    2     1
## 1341     6    1    2    18    1    2    2    1     1
## 1342     6    1    2    18    1    2    2    1     1
## 1343     6    1    2    18    1    2    2    1     1
## 1344     6    1    2    18    1    2    2    1     1
## 1345     6    1    2    18    1    2    2    1    NA
## 1346     6    1    2    18    1    2    2    1    NA
## 1347     6    1    2    18    1    2    2    1    NA
## 1348     6    1    2    18    1    2    2    1     1
## 1349     6    1    2    18    1    2    2    1    NA
## 1350     6    1    2    18    1    2    2    1     1
## 1351     4    1    1    29    1    3    2    9     0
## 1352     4    1    1    29    1    3    2    9    NA
## 1353     4    1    1    29    1    3    2    9     1
## 1354     4    1    1    29    1    3    2    9    NA
## 1355     4    1    1    29    1    3    2    9     1
## 1356     4    1    1    29    1    3    2    9     1
## 1357     4    1    1    29    1    3    2    9     1
## 1358     4    1    1    29    1    3    2    9     1
## 1359     4    1    1    29    1    3    2    9     1
## 1360     4    1    1    29    1    3    2    9     1
## 1361    97    4    5    13    1    4    1    1     0
## 1362    97    4    5    13    1    4    1    1     0
## 1363    97    4    5    13    1    4    1    1    NA
## 1364    97    4    5    13    1    4    1    1     0
## 1365    97    4    5    13    1    4    1    1     0
## 1366    97    4    5    13    1    4    1    1     0
## 1367    97    4    5    13    1    4    1    1     0
## 1368    97    4    5    13    1    4    1    1     0
## 1369    97    4    5    13    1    4    1    1     0
## 1370    97    4    5    13    1    4    1    1     0
## 1371     9    1    1    37    1    1    1   10     1
## 1372     9    1    1    37    1    1    1   10     1
## 1373     9    1    1    37    1    1    1   10     1
## 1374     9    1    1    37    1    1    1   10     1
## 1375     9    1    1    37    1    1    1   10     1
## 1376     9    1    1    37    1    1    1   10     1
## 1377     9    1    1    37    1    1    1   10     1
## 1378     9    1    1    37    1    1    1   10     1
## 1379     9    1    1    37    1    1    1   10     1
## 1380     9    1    1    37    1    1    1   10     1
## 1381     5    3    5    12    1    3    1    2     0
## 1382     5    3    5    12    1    3    1    2     1
## 1383     5    3    5    12    1    3    1    2    NA
## 1384     5    3    5    12    1    3    1    2     0
## 1385     5    3    5    12    1    3    1    2     0
## 1386     5    3    5    12    1    3    1    2     0
```

```
## 1387   5   3   5      12      1   3   1      2      0
## 1388   5   3   5      12      1   3   1      2      0
## 1389   5   3   5      12      1   3   1      2      0
## 1390   5   3   5      12      1   3   1      2      0
## 1391   5   3   3      46      1   2   1      9      1
## 1392   5   3   3      46      1   2   1      9      1
## 1393   5   3   3      46      1   2   1      9      1
## 1394   5   3   3      46      1   2   1      9      1
## 1395   5   3   3      46      1   2   1      9      1
## 1396   5   3   3      46      1   2   1      9      1
## 1397   5   3   3      46      1   2   1      9      1
## 1398   5   3   3      46      1   2   1      9      1
## 1399   5   3   3      46      1   2   1      9      1
## 1400   5   3   3      46      1   2   1      9      1
## 1401   9   1   2      15      1   3   1     10      1
## 1402   9   1   2      15      1   3   1     10      1
## 1403   9   1   2      15      1   3   1     10      1
## 1404   9   1   2      15      1   3   1     10      1
## 1405   9   1   2      15      1   3   1     10      1
## 1406   9   1   2      15      1   3   1     10     NA
## 1407   9   1   2      15      1   3   1     10      1
## 1408   9   1   2      15      1   3   1     10      1
## 1409   9   1   2      15      1   3   1     10      1
## 1410   9   1   2      15      1   3   1     10      1
## 1411   2   1   1      12      1   1   2      1      1
## 1412   2   1   1      12      1   1   2      1      1
## 1413   2   1   1      12      1   1   2      1      1
## 1414   2   1   1      12      1   1   2      1     NA
## 1415   2   1   1      12      1   1   2      1      1
## 1416   2   1   1      12      1   1   2      1      1
## 1417   2   1   1      12      1   1   2      1      1
## 1418   2   1   1      12      1   1   2      1      1
## 1419   2   1   1      12      1   1   2      1      1
## 1420   2   1   1      12      1   1   2      1      1
## 1421   6   1   1      34      1   2   1      2      1
## 1422   6   1   1      34      1   2   1      2      1
## 1423   6   1   1      34      1   2   1      2      1
## 1424   6   1   1      34      1   2   1      2     NA
## 1425   6   1   1      34      1   2   1      2      1
## 1426   6   1   1      34      1   2   1      2      1
## 1427   6   1   1      34      1   2   1      2      1
## 1428   6   1   1      34      1   2   1      2      1
## 1429   6   1   1      34      1   2   1      2      1
## 1430   6   1   1      34      1   2   1      2      1
## 1431   4   3   4      27      1   4   1     11      0
## 1432   4   3   4      27      1   4   1     11     NA
## 1433   4   3   4      27      1   4   1     11     NA
## 1434   4   3   4      27      1   4   1     11      0
## 1435   4   3   4      27      1   4   1     11      1
## 1436   4   3   4      27      1   4   1     11      0
## 1437   4   3   4      27      1   4   1     11      0
## 1438   4   3   4      27      1   4   1     11      1
## 1439   4   3   4      27      1   4   1     11      0
## 1440   4   3   4      27      1   4   1     11      0
```

```
## 1441   8   1   2   47   1   3   1    1    1
## 1442   8   1   2   47   1   3   1    1    1
## 1443   8   1   2   47   1   3   1    1    1
## 1444   8   1   2   47   1   3   1    1    1
## 1445   8   1   2   47   1   3   1    1    1
## 1446   8   1   2   47   1   3   1    1    1
## 1447   8   1   2   47   1   3   1    1    1
## 1448   8   1   2   47   1   3   1    1    1
## 1449   8   1   2   47   1   3   1    1    1
## 1450   8   1   2   47   1   3   1    1    1
## 1451   1   2   6   48   1   5   1    1    1
## 1452   1   2   6   48   1   5   1    1    1
## 1453   1   2   6   48   1   5   1    1    1
## 1454   1   2   6   48   1   5   1    1   NA
## 1455   1   2   6   48   1   5   1    1    1
## 1456   1   2   6   48   1   5   1    1    0
## 1457   1   2   6   48   1   5   1    1    1
## 1458   1   2   6   48   1   5   1    1    1
## 1459   1   2   6   48   1   5   1    1    1
## 1460   1   2   6   48   1   5   1    1    0
## 1461   9   3   4   12   1   4   1    1    0
## 1462   9   3   4   12   1   4   1    1   NA
## 1463   9   3   4   12   1   4   1    1   NA
## 1464   9   3   4   12   1   4   1    1    0
## 1465   9   3   4   12   1   4   1    1    0
## 1466   9   3   4   12   1   4   1    1    0
## 1467   9   3   4   12   1   4   1    1   NA
## 1468   9   3   4   12   1   4   1    1   NA
## 1469   9   3   4   12   1   4   1    1    0
## 1470   9   3   4   12   1   4   1    1    0
## 1471   3   1   1    8   1   6   1   11    1
## 1472   3   1   1    8   1   6   1   11    1
## 1473   3   1   1    8   1   6   1   11    1
## 1474   3   1   1    8   1   6   1   11    1
## 1475   3   1   1    8   1   6   1   11    1
## 1476   3   1   1    8   1   6   1   11    1
## 1477   3   1   1    8   1   6   1   11    1
## 1478   3   1   1    8   1   6   1   11    1
## 1479   3   1   1    8   1   6   1   11   NA
## 1480   3   1   1    8   1   6   1   11    1
## 1481   2   2   6    6   1   4   1    1    0
## 1482   2   2   6    6   1   4   1    1   NA
## 1483   2   2   6    6   1   4   1    1    1
## 1484   2   2   6    6   1   4   1    1    0
## 1485   2   2   6    6   1   4   1    1    0
## 1486   2   2   6    6   1   4   1    1    0
## 1487   2   2   6    6   1   4   1    1    0
## 1488   2   2   6    6   1   4   1    1    0
## 1489   2   2   6    6   1   4   1    1    0
## 1490   2   2   6    6   1   4   1    1    0
## 1491   4   1   1   41   1   1   1   12    1
## 1492   4   1   1   41   1   1   1   12    1
## 1493   4   1   1   41   1   1   1   12    1
## 1494   4   1   1   41   1   1   1   12   NA
```

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```
## 1495     4   1   1   41   1   1   1   12    1
## 1496     4   1   1   41   1   1   1   12    1
## 1497     4   1   1   41   1   1   1   12    1
## 1498     4   1   1   41   1   1   1   12    1
## 1499     4   1   1   41   1   1   1   12    1
## 1500     4   1   1   41   1   1   1   12    1
## 1501     7   1   2    6   1   2   1   11    1
## 1502     7   1   2    6   1   2   1   11    1
## 1503     7   1   2    6   1   2   1   11    1
## 1504     7   1   2    6   1   2   1   11   NA
## 1505     7   1   2    6   1   2   1   11    1
## 1506     7   1   2    6   1   2   1   11   NA
## 1507     7   1   2    6   1   2   1   11    1
## 1508     7   1   2    6   1   2   1   11    1
## 1509     7   1   2    6   1   2   1   11    0
## 1510     7   1   2    6   1   2   1   11    1
## 1511    97   2   7   47   1   5   1    1   NA
## 1512    97   2   7   47   1   5   1    1    0
## 1513    97   2   7   47   1   5   1    1    0
## 1514    97   2   7   47   1   5   1    1    0
## 1515    97   2   7   47   1   5   1    1    0
## 1516    97   2   7   47   1   5   1    1   NA
## 1517    97   2   7   47   1   5   1    1    0
## 1518    97   2   7   47   1   5   1    1    0
## 1519    97   2   7   47   1   5   1    1    0
## 1520    97   2   7   47   1   5   1    1    0
## 1521     3   1   2    8   1   3   2   11    1
## 1522     3   1   2    8   1   3   2   11    1
## 1523     3   1   2    8   1   3   2   11    1
## 1524     3   1   2    8   1   3   2   11    0
## 1525     3   1   2    8   1   3   2   11    1
## 1526     3   1   2    8   1   3   2   11   NA
## 1527     3   1   2    8   1   3   2   11    1
## 1528     3   1   2    8   1   3   2   11    1
## 1529     3   1   2    8   1   3   2   11    1
## 1530     3   1   2    8   1   3   2   11    1
## 1531    12   1   1   53   1   3   1    1    1
## 1532    12   1   1   53   1   3   1    1    1
## 1533    12   1   1   53   1   3   1    1    1
## 1534    12   1   1   53   1   3   1    1    1
## 1535    12   1   1   53   1   3   1    1    1
## 1536    12   1   1   53   1   3   1    1   NA
## 1537    12   1   1   53   1   3   1    1    1
## 1538    12   1   1   53   1   3   1    1    1
## 1539    12   1   1   53   1   3   1    1    1
## 1540    12   1   1   53   1   3   1    1    1
## 1541     3   1   1   55   1   4   1    1    1
## 1542     3   1   1   55   1   4   1    1    1
## 1543     3   1   1   55   1   4   1    1    1
## 1544     3   1   1   55   1   4   1    1   NA
## 1545     3   1   1   55   1   4   1    1    1
## 1546     3   1   1   55   1   4   1    1   NA
## 1547     3   1   1   55   1   4   1    1    1
## 1548     3   1   1   55   1   4   1    1    1
```

```
## 1549     3    1    1    55    1    4    1     1     1
## 1550     3    1    1    55    1    4    1     1     1
## 1551     6    5    8    17    1    5    2     1     0
## 1552     6    5    8    17    1    5    2     1     1
## 1553     6    5    8    17    1    5    2     1     1
## 1554     6    5    8    17    1    5    2     1     0
## 1555     6    5    8    17    1    5    2     1     0
## 1556     6    5    8    17    1    5    2     1     1
## 1557     6    5    8    17    1    5    2     1     0
## 1558     6    5    8    17    1    5    2     1     1
## 1559     6    5    8    17    1    5    2     1     1
## 1560     6    5    8    17    1    5    2     1     0
## 1561    11    1    2    48    1    3    7    11     1
## 1562    11    1    2    48    1    3    7    11     1
## 1563    11    1    2    48    1    3    7    11     1
## 1564    11    1    2    48    1    3    7    11     0
## 1565    11    1    2    48    1    3    7    11     0
## 1566    11    1    2    48    1    3    7    11    NA
## 1567    11    1    2    48    1    3    7    11     1
## 1568    11    1    2    48    1    3    7    11     1
## 1569    11    1    2    48    1    3    7    11    NA
## 1570    11    1    2    48    1    3    7    11    NA
## 1571     6    1    1     6    1    1    2    10     1
## 1572     6    1    1     6    1    1    2    10     1
## 1573     6    1    1     6    1    1    2    10     1
## 1574     6    1    1     6    1    1    2    10     1
## 1575     6    1    1     6    1    1    2    10     1
## 1576     6    1    1     6    1    1    2    10     1
## 1577     6    1    1     6    1    1    2    10     1
## 1578     6    1    1     6    1    1    2    10     1
## 1579     6    1    1     6    1    1    2    10     1
## 1580     6    1    1     6    1    1    2    10     1
## 1581    97    3    5    48    1    4    1     1    NA
## 1582    97    3    5    48    1    4    1     1     1
## 1583    97    3    5    48    1    4    1     1    NA
## 1584    97    3    5    48    1    4    1     1    NA
## 1585    97    3    5    48    1    4    1     1     0
## 1586    97    3    5    48    1    4    1     1     1
## 1587    97    3    5    48    1    4    1     1     0
## 1588    97    3    5    48    1    4    1     1    NA
## 1589    97    3    5    48    1    4    1     1     0
## 1590    97    3    5    48    1    4    1     1    NA
## 1591     5    1    1    27    1    5    4     2     1
## 1592     5    1    1    27    1    5    4     2     1
## 1593     5    1    1    27    1    5    4     2     1
## 1594     5    1    1    27    1    5    4     2     0
## 1595     5    1    1    27    1    5    4     2     1
## 1596     5    1    1    27    1    5    4     2     1
## 1597     5    1    1    27    1    5    4     2     1
## 1598     5    1    1    27    1    5    4     2     1
## 1599     5    1    1    27    1    5    4     2    NA
## 1600     5    1    1    27    1    5    4     2     1
## 1601     6    2    7    39    1    5    2     1    NA
## 1602     6    2    7    39    1    5    2     1    NA
```

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```
## 1603    6    2    7    39    1    5    2     1     1
## 1604    6    2    7    39    1    5    2     1     0
## 1605    6    2    7    39    1    5    2     1     0
## 1606    6    2    7    39    1    5    2     1    NA
## 1607    6    2    7    39    1    5    2     1    NA
## 1608    6    2    7    39    1    5    2     1     1
## 1609    6    2    7    39    1    5    2     1     0
## 1610    6    2    7    39    1    5    2     1    NA
## 1611   11    2    6    34    1    3    4     4     1
## 1612   11    2    6    34    1    3    4     4     1
## 1613   11    2    6    34    1    3    4     4    NA
## 1614   11    2    6    34    1    3    4     4     1
## 1615   11    2    6    34    1    3    4     4     1
## 1616   11    2    6    34    1    3    4     4    NA
## 1617   11    2    6    34    1    3    4     4     1
## 1618   11    2    6    34    1    3    4     4     1
## 1619   11    2    6    34    1    3    4     4    NA
## 1620   11    2    6    34    1    3    4     4     1
## 1621    3    3    4    51    1    2    2     1     1
## 1622    3    3    4    51    1    2    2     1     1
## 1623    3    3    4    51    1    2    2     1     1
## 1624    3    3    4    51    1    2    2     1    NA
## 1625    3    3    4    51    1    2    2     1    NA
## 1626    3    3    4    51    1    2    2     1     1
## 1627    3    3    4    51    1    2    2     1     1
## 1628    3    3    4    51    1    2    2     1     1
## 1629    3    3    4    51    1    2    2     1     1
## 1630    3    3    4    51    1    2    2     1     1
## 1631    3    3    3    48    1    2    2     9     1
## 1632    3    3    3    48    1    2    2     9     1
## 1633    3    3    3    48    1    2    2     9     1
## 1634    3    3    3    48    1    2    2     9     1
## 1635    3    3    3    48    1    2    2     9     1
## 1636    3    3    3    48    1    2    2     9     1
## 1637    3    3    3    48    1    2    2     9     1
## 1638    3    3    3    48    1    2    2     9     1
## 1639    3    3    3    48    1    2    2     9     1
## 1640    3    3    3    48    1    2    2     9    NA
## 1641    3    4    4    27    1    5    1    11     0
## 1642    3    4    4    27    1    5    1    11     0
## 1643    3    4    4    27    1    5    1    11     1
## 1644    3    4    4    27    1    5    1    11     0
## 1645    3    4    4    27    1    5    1    11     0
## 1646    3    4    4    27    1    5    1    11     0
## 1647    3    4    4    27    1    5    1    11     0
## 1648    3    4    4    27    1    5    1    11     0
## 1649    3    4    4    27    1    5    1    11     0
## 1650    3    4    4    27    1    5    1    11     0
## 1651    7    1    1    19    1    1    2    12    NA
## 1652    7    1    1    19    1    1    2    12     1
## 1653    7    1    1    19    1    1    2    12     1
## 1654    7    1    1    19    1    1    2    12    NA
## 1655    7    1    1    19    1    1    2    12     1
## 1656    7    1    1    19    1    1    2    12    NA
```

```
## 1657     7    1    1        19      1    1     2    12      1
## 1658     7    1    1        19      1    1     2    12      1
## 1659     7    1    1        19      1    1     2    12      1
## 1660     7    1    1        19      1    1     2    12      1
## 1661    10    2    7         6      1    4     1     1      0
## 1662    10    2    7         6      1    4     1     1      0
## 1663    10    2    7         6      1    4     1     1      1
## 1664    10    2    7         6      1    4     1     1     NA
## 1665    10    2    7         6      1    4     1     1      1
## 1666    10    2    7         6      1    4     1     1      0
## 1667    10    2    7         6      1    4     1     1      0
## 1668    10    2    7         6      1    4     1     1      1
## 1669    10    2    7         6      1    4     1     1      0
## 1670    10    2    7         6      1    4     1     1      0
## 1671    10    3    4        37      1    3     1     2      0
## 1672    10    3    4        37      1    3     1     2     NA
## 1673    10    3    4        37      1    3     1     2      1
## 1674    10    3    4        37      1    3     1     2      1
## 1675    10    3    4        37      1    3     1     2      1
## 1676    10    3    4        37      1    3     1     2     NA
## 1677    10    3    4        37      1    3     1     2      1
## 1678    10    3    4        37      1    3     1     2      1
## 1679    10    3    4        37      1    3     1     2      1
## 1680    10    3    4        37      1    3     1     2     NA
## 1681     7    3    4        19      1    6     2     1      1
## 1682     7    3    4        19      1    6     2     1      1
## 1683     7    3    4        19      1    6     2     1     NA
## 1684     7    3    4        19      1    6     2     1     NA
## 1685     7    3    4        19      1    6     2     1     NA
## 1686     7    3    4        19      1    6     2     1     NA
## 1687     7    3    4        19      1    6     2     1      1
## 1688     7    3    4        19      1    6     2     1      1
## 1689     7    3    4        19      1    6     2     1      1
## 1690     7    3    4        19      1    6     2     1      0
## 1691     1    3    4        48      1    4     1     1      0
## 1692     1    3    4        48      1    4     1     1     NA
## 1693     1    3    4        48      1    4     1     1     NA
## 1694     1    3    4        48      1    4     1     1      1
## 1695     1    3    4        48      1    4     1     1      0
## 1696     1    3    4        48      1    4     1     1      1
## 1697     1    3    4        48      1    4     1     1      0
## 1698     1    3    4        48      1    4     1     1      1
## 1699     1    3    4        48      1    4     1     1      1
## 1700     1    3    4        48      1    4     1     1      0
## 1701     3    5    4        39      3    2     3     1     NA
## 1702     3    5    4        39      3    2     3     1      1
## 1703     3    5    4        39      3    2     3     1      1
## 1704     3    5    4        39      3    2     3     1      1
## 1705     3    5    4        39      3    2     3     1     NA
## 1706     3    5    4        39      3    2     3     1      1
## 1707     3    5    4        39      3    2     3     1      1
## 1708     3    5    4        39      3    2     3     1      1
## 1709     3    5    4        39      3    2     3     1      1
## 1710     3    5    4        39      3    2     3     1      1
```

```
## 1711    3    3    4    42    1    3    3    11     1
## 1712    3    3    4    42    1    3    3    11     1
## 1713    3    3    4    42    1    3    3    11    NA
## 1714    3    3    4    42    1    3    3    11    NA
## 1715    3    3    4    42    1    3    3    11    NA
## 1716    3    3    4    42    1    3    3    11    NA
## 1717    3    3    4    42    1    3    3    11     1
## 1718    3    3    4    42    1    3    3    11     1
## 1719    3    3    4    42    1    3    3    11    NA
## 1720    3    3    4    42    1    3    3    11    NA
## 1721    5    3    4    26    1    3    2     2     0
## 1722    5    3    4    26    1    3    2     2     0
## 1723    5    3    4    26    1    3    2     2    NA
## 1724    5    3    4    26    1    3    2     2    NA
## 1725    5    3    4    26    1    3    2     2     0
## 1726    5    3    4    26    1    3    2     2     0
## 1727    5    3    4    26    1    3    2     2     0
## 1728    5    3    4    26    1    3    2     2     0
## 1729    5    3    4    26    1    3    2     2     0
## 1730    5    3    4    26    1    3    2     2     0
## 1731    5    2    7     4    1    4    1    11     0
## 1732    5    2    7     4    1    4    1    11    NA
## 1733    5    2    7     4    1    4    1    11     1
## 1734    5    2    7     4    1    4    1    11    NA
## 1735    5    2    7     4    1    4    1    11    NA
## 1736    5    2    7     4    1    4    1    11     0
## 1737    5    2    7     4    1    4    1    11     0
## 1738    5    2    7     4    1    4    1    11     1
## 1739    5    2    7     4    1    4    1    11    NA
## 1740    5    2    7     4    1    4    1    11     1
## 1741    4    1    2    12    1    3    4     5     1
## 1742    4    1    2    12    1    3    4     5     1
## 1743    4    1    2    12    1    3    4     5     1
## 1744    4    1    2    12    1    3    4     5     1
## 1745    4    1    2    12    1    3    4     5     1
## 1746    4    1    2    12    1    3    4     5     1
## 1747    4    1    2    12    1    3    4     5     1
## 1748    4    1    2    12    1    3    4     5     1
## 1749    4    1    2    12    1    3    4     5     1
## 1750    4    1    2    12    1    3    4     5     1
## 1751   12    3    3    37    1    3    1     1     1
## 1752   12    3    3    37    1    3    1     1     1
## 1753   12    3    3    37    1    3    1     1     1
## 1754   12    3    3    37    1    3    1     1     1
## 1755   12    3    3    37    1    3    1     1     0
## 1756   12    3    3    37    1    3    1     1     1
## 1757   12    3    3    37    1    3    1     1     1
## 1758   12    3    3    37    1    3    1     1     0
## 1759   12    3    3    37    1    3    1     1     1
## 1760   12    3    3    37    1    3    1     1     1
## 1761   31    1    1    17    1    1    1    12     1
## 1762   31    1    1    17    1    1    1    12     1
## 1763   31    1    1    17    1    1    1    12     1
## 1764   31    1    1    17    1    1    1    12     1
```

```
## 1765    31    1    1         17    1    1    1    12    1
## 1766    31    1    1         17    1    1    1    12    1
## 1767    31    1    1         17    1    1    1    12    1
## 1768    31    1    1         17    1    1    1    12    1
## 1769    31    1    1         17    1    1    1    12    1
## 1770    31    1    1         17    1    1    1    12    1
## 1771    10    1    1         12    1    2    1    11    1
## 1772    10    1    1         12    1    2    1    11    1
## 1773    10    1    1         12    1    2    1    11    1
## 1774    10    1    1         12    1    2    1    11    1
## 1775    10    1    1         12    1    2    1    11    1
## 1776    10    1    1         12    1    2    1    11    1
## 1777    10    1    1         12    1    2    1    11    1
## 1778    10    1    1         12    1    2    1    11    1
## 1779    10    1    1         12    1    2    1    11    1
## 1780    10    1    1         12    1    2    1    11    1
## 1781    97    3    3         12    1    3    2     9    1
## 1782    97    3    3         12    1    3    2     9    1
## 1783    97    3    3         12    1    3    2     9    1
## 1784    97    3    3         12    1    3    2     9    NA
## 1785    97    3    3         12    1    3    2     9    1
## 1786    97    3    3         12    1    3    2     9    1
## 1787    97    3    3         12    1    3    2     9    1
## 1788    97    3    3         12    1    3    2     9    1
## 1789    97    3    3         12    1    3    2     9    1
## 1790    97    3    3         12    1    3    2     9    1
## 1791     4    1    2         17    1    3    1    10    1
## 1792     4    1    2         17    1    3    1    10    1
## 1793     4    1    2         17    1    3    1    10    1
## 1794     4    1    2         17    1    3    1    10    1
## 1795     4    1    2         17    1    3    1    10    1
## 1796     4    1    2         17    1    3    1    10    1
## 1797     4    1    2         17    1    3    1    10    1
## 1798     4    1    2         17    1    3    1    10    1
## 1799     4    1    2         17    1    3    1    10    1
## 1800     4    1    2         17    1    3    1    10    1
## 1801     6    2    7         34    1    5    1     1    0
## 1802     6    2    7         34    1    5    1     1    0
## 1803     6    2    7         34    1    5    1     1    0
## 1804     6    2    7         34    1    5    1     1    0
## 1805     6    2    7         34    1    5    1     1    0
## 1806     6    2    7         34    1    5    1     1    1
## 1807     6    2    7         34    1    5    1     1    0
## 1808     6    2    7         34    1    5    1     1    0
## 1809     6    2    7         34    1    5    1     1    0
## 1810     6    2    7         34    1    5    1     1    0
## 1811    10    3    5         51    1    4    2     1    0
## 1812    10    3    5         51    1    4    2     1    NA
## 1813    10    3    5         51    1    4    2     1    1
## 1814    10    3    5         51    1    4    2     1    0
## 1815    10    3    5         51    1    4    2     1    0
## 1816    10    3    5         51    1    4    2     1    NA
## 1817    10    3    5         51    1    4    2     1    0
## 1818    10    3    5         51    1    4    2     1    0
```

```
## 1819   10   3   5     51     1   4   2     1     1
## 1820   10   3   5     51     1   4   2     1     0
## 1821   11   1   1      6     1   1   1     9     1
## 1822   11   1   1      6     1   1   1     9     1
## 1823   11   1   1      6     1   1   1     9     1
## 1824   11   1   1      6     1   1   1     9    NA
## 1825   11   1   1      6     1   1   1     9     1
## 1826   11   1   1      6     1   1   1     9     1
## 1827   11   1   1      6     1   1   1     9     1
## 1828   11   1   1      6     1   1   1     9     1
## 1829   11   1   1      6     1   1   1     9     1
## 1830   11   1   1      6     1   1   1     9     1
## 1831    2   1   1     39     1   2   1    11     1
## 1832    2   1   1     39     1   2   1    11     1
## 1833    2   1   1     39     1   2   1    11     1
## 1834    2   1   1     39     1   2   1    11    NA
## 1835    2   1   1     39     1   2   1    11     1
## 1836    2   1   1     39     1   2   1    11     0
## 1837    2   1   1     39     1   2   1    11     1
## 1838    2   1   1     39     1   2   1    11     1
## 1839    2   1   1     39     1   2   1    11     1
## 1840    2   1   1     39     1   2   1    11     1
## 1841    9   1   1     42     1   2   1     2     1
## 1842    9   1   1     42     1   2   1     2     1
## 1843    9   1   1     42     1   2   1     2     1
## 1844    9   1   1     42     1   2   1     2     1
## 1845    9   1   1     42     1   2   1     2     1
## 1846    9   1   1     42     1   2   1     2     1
## 1847    9   1   1     42     1   2   1     2     1
## 1848    9   1   1     42     1   2   1     2     1
## 1849    9   1   1     42     1   2   1     2     1
## 1850    9   1   1     42     1   2   1     2     1
## 1851    3   1   2     32     1   3   2    12     1
## 1852    3   1   2     32     1   3   2    12     1
## 1853    3   1   2     32     1   3   2    12     1
## 1854    3   1   2     32     1   3   2    12     1
## 1855    3   1   2     32     1   3   2    12    NA
## 1856    3   1   2     32     1   3   2    12     0
## 1857    3   1   2     32     1   3   2    12     1
## 1858    3   1   2     32     1   3   2    12     1
## 1859    3   1   2     32     1   3   2    12    NA
## 1860    3   1   2     32     1   3   2    12    NA
## 1861    3   3   3     26     1   2   2     4     1
## 1862    3   3   3     26     1   2   2     4     1
## 1863    3   3   3     26     1   2   2     4     1
## 1864    3   3   3     26     1   2   2     4    NA
## 1865    3   3   3     26     1   2   2     4     1
## 1866    3   3   3     26     1   2   2     4     1
## 1867    3   3   3     26     1   2   2     4    NA
## 1868    3   3   3     26     1   2   2     4     1
## 1869    3   3   3     26     1   2   2     4     1
## 1870    3   3   3     26     1   2   2     4     1
## 1871    8   3   5     33     1   4   2     2     1
## 1872    8   3   5     33     1   4   2     2     0
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## 1873      8     3     5        33        1     4     2     2     1
## 1874      8     3     5        33        1     4     2     2     1
## 1875      8     3     5        33        1     4     2     2     0
## 1876      8     3     5        33        1     4     2     2     1
## 1877      8     3     5        33        1     4     2     2     0
## 1878      8     3     5        33        1     4     2     2     1
## 1879      8     3     5        33        1     4     2     2     1
## 1880      8     3     5        33        1     4     2     2     0
## 1881      5     3     4         4        1     3     3     9     0
## 1882      5     3     4         4        1     3     3     9     1
## 1883      5     3     4         4        1     3     3     9     1
## 1884      5     3     4         4        1     3     3     9     1
## 1885      5     3     4         4        1     3     3     9    NA
## 1886      5     3     4         4        1     3     3     9     1
## 1887      5     3     4         4        1     3     3     9    NA
## 1888      5     3     4         4        1     3     3     9     1
## 1889      5     3     4         4        1     3     3     9     1
## 1890      5     3     4         4        1     3     3     9     0
## 1891      6     2     7        42        1     5     3     1     0
## 1892      6     2     7        42        1     5     3     1     1
## 1893      6     2     7        42        1     5     3     1     0
## 1894      6     2     7        42        1     5     3     1     1
## 1895      6     2     7        42        1     5     3     1     1
## 1896      6     2     7        42        1     5     3     1     1
## 1897      6     2     7        42        1     5     3     1     1
## 1898      6     2     7        42        1     5     3     1     1
## 1899      6     2     7        42        1     5     3     1     1
## 1900      6     2     7        42        1     5     3     1     1
## 1901     97     1     2        17        1     3     2     1     1
## 1902     97     1     2        17        1     3     2     1     1
## 1903     97     1     2        17        1     3     2     1    NA
## 1904     97     1     2        17        1     3     2     1    NA
## 1905     97     1     2        17        1     3     2     1     1
## 1906     97     1     2        17        1     3     2     1     1
## 1907     97     1     2        17        1     3     2     1    NA
## 1908     97     1     2        17        1     3     2     1     1
## 1909     97     1     2        17        1     3     2     1    NA
## 1910     97     1     2        17        1     3     2     1     0
## 1911     97     2     7         6        1     5     1    11     0
## 1912     97     2     7         6        1     5     1    11    NA
## 1913     97     2     7         6        1     5     1    11    NA
## 1914     97     2     7         6        1     5     1    11     0
## 1915     97     2     7         6        1     5     1    11    NA
## 1916     97     2     7         6        1     5     1    11     0
## 1917     97     2     7         6        1     5     1    11     0
## 1918     97     2     7         6        1     5     1    11     0
## 1919     97     2     7         6        1     5     1    11     0
## 1920     97     2     7         6        1     5     1    11     0
## 1921      8     3     3        39        1     3     1     1     0
## 1922      8     3     3        39        1     3     1     1     0
## 1923      8     3     3        39        1     3     1     1    NA
## 1924      8     3     3        39        1     3     1     1    NA
## 1925      8     3     3        39        1     3     1     1     0
## 1926      8     3     3        39        1     3     1     1    NA
```

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```
## 1927   8   3   3        39   1   3   1    1    1
## 1928   8   3   3        39   1   3   1    1    0
## 1929   8   3   3        39   1   3   1    1   NA
## 1930   8   3   3        39   1   3   1    1   NA
## 1931   1   1   2         6   1   3   3    2    1
## 1932   1   1   2         6   1   3   3    2    0
## 1933   1   1   2         6   1   3   3    2    1
## 1934   1   1   2         6   1   3   3    2   NA
## 1935   1   1   2         6   1   3   3    2   NA
## 1936   1   1   2         6   1   3   3    2    0
## 1937   1   1   2         6   1   3   3    2    0
## 1938   1   1   2         6   1   3   3    2    0
## 1939   1   1   2         6   1   3   3    2    0
## 1940   1   1   2         6   1   3   3    2    0
## 1941   5   1   1        12   1   1   1   11    1
## 1942   5   1   1        12   1   1   1   11    1
## 1943   5   1   1        12   1   1   1   11    1
## 1944   5   1   1        12   1   1   1   11    1
## 1945   5   1   1        12   1   1   1   11    1
## 1946   5   1   1        12   1   1   1   11    1
## 1947   5   1   1        12   1   1   1   11    1
## 1948   5   1   1        12   1   1   1   11    1
## 1949   5   1   1        12   1   1   1   11    1
## 1950   5   1   1        12   1   1   1   11    1
## 1951   9   2   7        17   1   4   1    2    0
## 1952   9   2   7        17   1   4   1    2    1
## 1953   9   2   7        17   1   4   1    2    1
## 1954   9   2   7        17   1   4   1    2    0
## 1955   9   2   7        17   1   4   1    2    0
## 1956   9   2   7        17   1   4   1    2    1
## 1957   9   2   7        17   1   4   1    2    0
## 1958   9   2   7        17   1   4   1    2    1
## 1959   9   2   7        17   1   4   1    2    1
## 1960   9   2   7        17   1   4   1    2    0
## 1961   5   3   3        25   1   6   4   11    0
## 1962   5   3   3        25   1   6   4   11   NA
## 1963   5   3   3        25   1   6   4   11    1
## 1964   5   3   3        25   1   6   4   11    1
## 1965   5   3   3        25   1   6   4   11    1
## 1966   5   3   3        25   1   6   4   11   NA
## 1967   5   3   3        25   1   6   4   11    1
## 1968   5   3   3        25   1   6   4   11    1
## 1969   5   3   3        25   1   6   4   11    1
## 1970   5   3   3        25   1   6   4   11    1
## 1971   7   2   7        18   1   4   1    1    0
## 1972   7   2   7        18   1   4   1    1    0
## 1973   7   2   7        18   1   4   1    1    0
## 1974   7   2   7        18   1   4   1    1    0
## 1975   7   2   7        18   1   4   1    1    1
## 1976   7   2   7        18   1   4   1    1    1
## 1977   7   2   7        18   1   4   1    1    0
## 1978   7   2   7        18   1   4   1    1    1
## 1979   7   2   7        18   1   4   1    1    0
## 1980   7   2   7        18   1   4   1    1    0
```

```
## 1981    7   3   5        8        1   3   1       11        1
## 1982    7   3   5        8        1   3   1       11        1
## 1983    7   3   5        8        1   3   1       11        1
## 1984    7   3   5        8        1   3   1       11       NA
## 1985    7   3   5        8        1   3   1       11        0
## 1986    7   3   5        8        1   3   1       11        1
## 1987    7   3   5        8        1   3   1       11        1
## 1988    7   3   5        8        1   3   1       11        1
## 1989    7   3   5        8        1   3   1       11       NA
## 1990    7   3   5        8        1   3   1       11        1
## 1991   97   1   1       30        1   1   1        1        1
## 1992   97   1   1       30        1   1   1        1        1
## 1993   97   1   1       30        1   1   1        1        1
## 1994   97   1   1       30        1   1   1        1        1
## 1995   97   1   1       30        1   1   1        1        1
## 1996   97   1   1       30        1   1   1        1        1
## 1997   97   1   1       30        1   1   1        1        1
## 1998   97   1   1       30        1   1   1        1        1
## 1999   97   1   1       30        1   1   1        1        1
## 2000   97   1   1       30        1   1   1        1        1
## 2001    9   2   6       13        1   3   1        1        0
## 2002    9   2   6       13        1   3   1        1        1
## 2003    9   2   6       13        1   3   1        1        1
## 2004    9   2   6       13        1   3   1        1       NA
## 2005    9   2   6       13        1   3   1        1        1
## 2006    9   2   6       13        1   3   1        1        0
## 2007    9   2   6       13        1   3   1        1        0
## 2008    9   2   6       13        1   3   1        1        1
## 2009    9   2   6       13        1   3   1        1       NA
## 2010    9   2   6       13        1   3   1        1        0
## 2011   97   4   5       48        1   4   1        2        0
## 2012   97   4   5       48        1   4   1        2        0
## 2013   97   4   5       48        1   4   1        2        0
## 2014   97   4   5       48        1   4   1        2        0
## 2015   97   4   5       48        1   4   1        2        0
## 2016   97   4   5       48        1   4   1        2       NA
## 2017   97   4   5       48        1   4   1        2        0
## 2018   97   4   5       48        1   4   1        2        0
## 2019   97   4   5       48        1   4   1        2        0
## 2020   97   4   5       48        1   4   1        2        0
## 2021    5   3   3       12        2   2   3        1        1
## 2022    5   3   3       12        2   2   3        1        1
## 2023    5   3   3       12        2   2   3        1        1
## 2024    5   3   3       12        2   2   3        1        1
## 2025    5   3   3       12        2   2   3        1        1
## 2026    5   3   3       12        2   2   3        1        1
## 2027    5   3   3       12        2   2   3        1        1
## 2028    5   3   3       12        2   2   3        1        1
## 2029    5   3   3       12        2   2   3        1        1
## 2030    5   3   3       12        2   2   3        1        1
## 2031    5   3   4       36        1   2   1        1        0
## 2032    5   3   4       36        1   2   1        1        0
## 2033    5   3   4       36        1   2   1        1        1
## 2034    5   3   4       36        1   2   1        1        0
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## 2035     5   3   4     36     1   2   1     1      1
## 2036     5   3   4     36     1   2   1     1      0
## 2037     5   3   4     36     1   2   1     1      0
## 2038     5   3   4     36     1   2   1     1      0
## 2039     5   3   4     36     1   2   1     1      0
## 2040     5   3   4     36     1   2   1     1      1
## 2041    97   3   4     41     1   3   1     1      1
## 2042    97   3   4     41     1   3   1     1      1
## 2043    97   3   4     41     1   3   1     1      1
## 2044    97   3   4     41     1   3   1     1     NA
## 2045    97   3   4     41     1   3   1     1      1
## 2046    97   3   4     41     1   3   1     1      1
## 2047    97   3   4     41     1   3   1     1      1
## 2048    97   3   4     41     1   3   1     1      1
## 2049    97   3   4     41     1   3   1     1      1
## 2050    97   3   4     41     1   3   1     1      1
## 2051     9   2   7     39     1   5   3    11      1
## 2052     9   2   7     39     1   5   3    11      0
## 2053     9   2   7     39     1   5   3    11      1
## 2054     9   2   7     39     1   5   3    11      1
## 2055     9   2   7     39     1   5   3    11      1
## 2056     9   2   7     39     1   5   3    11      0
## 2057     9   2   7     39     1   5   3    11      1
## 2058     9   2   7     39     1   5   3    11      0
## 2059     9   2   7     39     1   5   3    11      0
## 2060     9   2   7     39     1   5   3    11      0
## 2061     9   2   6     41     1   3   2     1      0
## 2062     9   2   6     41     1   3   2     1      1
## 2063     9   2   6     41     1   3   2     1      0
## 2064     9   2   6     41     1   3   2     1      0
## 2065     9   2   6     41     1   3   2     1      0
## 2066     9   2   6     41     1   3   2     1     NA
## 2067     9   2   6     41     1   3   2     1      0
## 2068     9   2   6     41     1   3   2     1      0
## 2069     9   2   6     41     1   3   2     1     NA
## 2070     9   2   6     41     1   3   2     1      0
## 2071     6   1   2     18     1   4   3     1     NA
## 2072     6   1   2     18     1   4   3     1     NA
## 2073     6   1   2     18     1   4   3     1      1
## 2074     6   1   2     18     1   4   3     1      0
## 2075     6   1   2     18     1   4   3     1      0
## 2076     6   1   2     18     1   4   3     1      0
## 2077     6   1   2     18     1   4   3     1     NA
## 2078     6   1   2     18     1   4   3     1      1
## 2079     6   1   2     18     1   4   3     1      0
## 2080     6   1   2     18     1   4   3     1      0
## 2081     6   3   3     42     1   3   3     2      1
## 2082     6   3   3     42     1   3   3     2      1
## 2083     6   3   3     42     1   3   3     2      1
## 2084     6   3   3     42     1   3   3     2     NA
## 2085     6   3   3     42     1   3   3     2      1
## 2086     6   3   3     42     1   3   3     2      0
## 2087     6   3   3     42     1   3   3     2      0
## 2088     6   3   3     42     1   3   3     2      1
```

```
## 2089    6   3   3      42    1   3   3    2    1
## 2090    6   3   3      42    1   3   3    2    1
## 2091    7   2   7      41    1   4   1    1   NA
## 2092    7   2   7      41    1   4   1    1    1
## 2093    7   2   7      41    1   4   1    1    0
## 2094    7   2   7      41    1   4   1    1    0
## 2095    7   2   7      41    1   4   1    1    0
## 2096    7   2   7      41    1   4   1    1    1
## 2097    7   2   7      41    1   4   1    1    0
## 2098    7   2   7      41    1   4   1    1    1
## 2099    7   2   7      41    1   4   1    1    0
## 2100    7   2   7      41    1   4   1    1    0
## 2101    9   3   4       6    1   2   1   11    1
## 2102    9   3   4       6    1   2   1   11    1
## 2103    9   3   4       6    1   2   1   11    1
## 2104    9   3   4       6    1   2   1   11   NA
## 2105    9   3   4       6    1   2   1   11    1
## 2106    9   3   4       6    1   2   1   11   NA
## 2107    9   3   4       6    1   2   1   11    1
## 2108    9   3   4       6    1   2   1   11    1
## 2109    9   3   4       6    1   2   1   11    1
## 2110    9   3   4       6    1   2   1   11    1
## 2111   97   3   4      51    2   6   7   12    1
## 2112   97   3   4      51    2   6   7   12    0
## 2113   97   3   4      51    2   6   7   12   NA
## 2114   97   3   4      51    2   6   7   12    0
## 2115   97   3   4      51    2   6   7   12    1
## 2116   97   3   4      51    2   6   7   12    0
## 2117   97   3   4      51    2   6   7   12    1
## 2118   97   3   4      51    2   6   7   12    0
## 2119   97   3   4      51    2   6   7   12   NA
## 2120   97   3   4      51    2   6   7   12   NA
## 2121   97   1   1      36    1   1   1    1    1
## 2122   97   1   1      36    1   1   1    1    1
## 2123   97   1   1      36    1   1   1    1    1
## 2124   97   1   1      36    1   1   1    1   NA
## 2125   97   1   1      36    1   1   1    1    1
## 2126   97   1   1      36    1   1   1    1    1
## 2127   97   1   1      36    1   1   1    1    1
## 2128   97   1   1      36    1   1   1    1    1
## 2129   97   1   1      36    1   1   1    1    1
## 2130   97   1   1      36    1   1   1    1    1
## 2131    9   2   7      48    1   4   1   11    0
## 2132    9   2   7      48    1   4   1   11    0
## 2133    9   2   7      48    1   4   1   11    1
## 2134    9   2   7      48    1   4   1   11    0
## 2135    9   2   7      48    1   4   1   11   NA
## 2136    9   2   7      48    1   4   1   11    0
## 2137    9   2   7      48    1   4   1   11    0
## 2138    9   2   7      48    1   4   1   11    1
## 2139    9   2   7      48    1   4   1   11    1
## 2140    9   2   7      48    1   4   1   11    1
## 2141    4   3   4      35    2   3   2    2    1
## 2142    4   3   4      35    2   3   2    2    1
```

```
## 2143      4    3    4        35       2    3    2        2         1
## 2144      4    3    4        35       2    3    2        2        NA
## 2145      4    3    4        35       2    3    2        2         0
## 2146      4    3    4        35       2    3    2        2         1
## 2147      4    3    4        35       2    3    2        2         1
## 2148      4    3    4        35       2    3    2        2         0
## 2149      4    3    4        35       2    3    2        2         0
## 2150      4    3    4        35       2    3    2        2         1
## 2151     10    1    1        25       1    2    1        9         1
## 2152     10    1    1        25       1    2    1        9         1
## 2153     10    1    1        25       1    2    1        9         1
## 2154     10    1    1        25       1    2    1        9         1
## 2155     10    1    1        25       1    2    1        9         1
## 2156     10    1    1        25       1    2    1        9         1
## 2157     10    1    1        25       1    2    1        9         1
## 2158     10    1    1        25       1    2    1        9         1
## 2159     10    1    1        25       1    2    1        9         1
## 2160     10    1    1        25       1    2    1        9         1
## 2161     12    1    1        48       1    2    1        9         1
## 2162     12    1    1        48       1    2    1        9         1
## 2163     12    1    1        48       1    2    1        9         1
## 2164     12    1    1        48       1    2    1        9         1
## 2165     12    1    1        48       1    2    1        9         1
## 2166     12    1    1        48       1    2    1        9         1
## 2167     12    1    1        48       1    2    1        9         1
## 2168     12    1    1        48       1    2    1        9         1
## 2169     12    1    1        48       1    2    1        9         1
## 2170     12    1    1        48       1    2    1        9         1
## 2171      2    1    1        42       2    5    1        1         1
## 2172      2    1    1        42       2    5    1        1         1
## 2173      2    1    1        42       2    5    1        1         0
## 2174      2    1    1        42       2    5    1        1         0
## 2175      2    1    1        42       2    5    1        1         1
## 2176      2    1    1        42       2    5    1        1         1
## 2177      2    1    1        42       2    5    1        1         1
## 2178      2    1    1        42       2    5    1        1         1
## 2179      2    1    1        42       2    5    1        1         1
## 2180      2    1    1        42       2    5    1        1        NA
## 2181      7    3    5        36       1    4    1        2         0
## 2182      7    3    5        36       1    4    1        2         0
## 2183      7    3    5        36       1    4    1        2        NA
## 2184      7    3    5        36       1    4    1        2        NA
## 2185      7    3    5        36       1    4    1        2         1
## 2186      7    3    5        36       1    4    1        2         0
## 2187      7    3    5        36       1    4    1        2         0
## 2188      7    3    5        36       1    4    1        2         0
## 2189      7    3    5        36       1    4    1        2         0
## 2190      7    3    5        36       1    4    1        2         0
## 2191     97    1    1        24       1    1    1        1         1
## 2192     97    1    1        24       1    1    1        1         1
## 2193     97    1    1        24       1    1    1        1         1
## 2194     97    1    1        24       1    1    1        1         1
## 2195     97    1    1        24       1    1    1        1         1
## 2196     97    1    1        24       1    1    1        1        NA
```

```
## 2197    97    1    1         24    1    1    1         1         1
## 2198    97    1    1         24    1    1    1         1         1
## 2199    97    1    1         24    1    1    1         1         1
## 2200    97    1    1         24    1    1    1         1         1
## 2201     9    1    1         26    1    2    1        10         1
## 2202     9    1    1         26    1    2    1        10         1
## 2203     9    1    1         26    1    2    1        10         1
## 2204     9    1    1         26    1    2    1        10         1
## 2205     9    1    1         26    1    2    1        10         1
## 2206     9    1    1         26    1    2    1        10         1
## 2207     9    1    1         26    1    2    1        10         1
## 2208     9    1    1         26    1    2    1        10         1
## 2209     9    1    1         26    1    2    1        10         1
## 2210     9    1    1         26    1    2    1        10         1
## 2211     4    3    5         25    1    4    1         2         0
## 2212     4    3    5         25    1    4    1         2         0
## 2213     4    3    5         25    1    4    1         2         0
## 2214     4    3    5         25    1    4    1         2         0
## 2215     4    3    5         25    1    4    1         2         0
## 2216     4    3    5         25    1    4    1         2         0
## 2217     4    3    5         25    1    4    1         2         0
## 2218     4    3    5         25    1    4    1         2         0
## 2219     4    3    5         25    1    4    1         2         0
## 2220     4    3    5         25    1    4    1         2         0
## 2221     6    3    5         29    1    5    2         1         0
## 2222     6    3    5         29    1    5    2         1         0
## 2223     6    3    5         29    1    5    2         1         1
## 2224     6    3    5         29    1    5    2         1         0
## 2225     6    3    5         29    1    5    2         1        NA
## 2226     6    3    5         29    1    5    2         1        NA
## 2227     6    3    5         29    1    5    2         1         1
## 2228     6    3    5         29    1    5    2         1         1
## 2229     6    3    5         29    1    5    2         1         0
## 2230     6    3    5         29    1    5    2         1         0
## 2231     5    1    1         39    1    1    1         2         1
## 2232     5    1    1         39    1    1    1         2         1
## 2233     5    1    1         39    1    1    1         2         1
## 2234     5    1    1         39    1    1    1         2        NA
## 2235     5    1    1         39    1    1    1         2         1
## 2236     5    1    1         39    1    1    1         2         1
## 2237     5    1    1         39    1    1    1         2         1
## 2238     5    1    1         39    1    1    1         2         1
## 2239     5    1    1         39    1    1    1         2         1
## 2240     5    1    1         39    1    1    1         2         1
## 2241     2    2    6         53    1    4    4        10         0
## 2242     2    2    6         53    1    4    4        10         0
## 2243     2    2    6         53    1    4    4        10         1
## 2244     2    2    6         53    1    4    4        10        NA
## 2245     2    2    6         53    1    4    4        10         1
## 2246     2    2    6         53    1    4    4        10        NA
## 2247     2    2    6         53    1    4    4        10        NA
## 2248     2    2    6         53    1    4    4        10         1
## 2249     2    2    6         53    1    4    4        10         1
## 2250     2    2    6         53    1    4    4        10        NA
```

```
## 2251     4    3    4        51     2    3    2        1       1
## 2252     4    3    4        51     2    3    2        1      NA
## 2253     4    3    4        51     2    3    2        1      NA
## 2254     4    3    4        51     2    3    2        1       0
## 2255     4    3    4        51     2    3    2        1      NA
## 2256     4    3    4        51     2    3    2        1       0
## 2257     4    3    4        51     2    3    2        1       0
## 2258     4    3    4        51     2    3    2        1       1
## 2259     4    3    4        51     2    3    2        1       1
## 2260     4    3    4        51     2    3    2        1      NA
## 2261     7    2    7         1     1    4    1        1       0
## 2262     7    2    7         1     1    4    1        1       0
## 2263     7    2    7         1     1    4    1        1       1
## 2264     7    2    7         1     1    4    1        1       0
## 2265     7    2    7         1     1    4    1        1       0
## 2266     7    2    7         1     1    4    1        1       0
## 2267     7    2    7         1     1    4    1        1       0
## 2268     7    2    7         1     1    4    1        1       1
## 2269     7    2    7         1     1    4    1        1       0
## 2270     7    2    7         1     1    4    1        1       0
## 2271    13    1    1        56     1    1    1       12       1
## 2272    13    1    1        56     1    1    1       12       1
## 2273    13    1    1        56     1    1    1       12       1
## 2274    13    1    1        56     1    1    1       12       1
## 2275    13    1    1        56     1    1    1       12       1
## 2276    13    1    1        56     1    1    1       12       1
## 2277    13    1    1        56     1    1    1       12       1
## 2278    13    1    1        56     1    1    1       12       1
## 2279    13    1    1        56     1    1    1       12       1
## 2280    13    1    1        56     1    1    1       12       1
## 2281    97    3    5        37     1    3    1        1       0
## 2282    97    3    5        37     1    3    1        1       1
## 2283    97    3    5        37     1    3    1        1       1
## 2284    97    3    5        37     1    3    1        1       0
## 2285    97    3    5        37     1    3    1        1       1
## 2286    97    3    5        37     1    3    1        1       0
## 2287    97    3    5        37     1    3    1        1       0
## 2288    97    3    5        37     1    3    1        1       0
## 2289    97    3    5        37     1    3    1        1       0
## 2290    97    3    5        37     1    3    1        1       0
## 2291     6    1    2         6     1    2    2       11       1
## 2292     6    1    2         6     1    2    2       11       1
## 2293     6    1    2         6     1    2    2       11       1
## 2294     6    1    2         6     1    2    2       11      NA
## 2295     6    1    2         6     1    2    2       11       0
## 2296     6    1    2         6     1    2    2       11       1
## 2297     6    1    2         6     1    2    2       11       1
## 2298     6    1    2         6     1    2    2       11       1
## 2299     6    1    2         6     1    2    2       11       1
## 2300     6    1    2         6     1    2    2       11       1
## 2301    97    3    3        41     1    3    1        1       0
## 2302    97    3    3        41     1    3    1        1       1
## 2303    97    3    3        41     1    3    1        1       0
## 2304    97    3    3        41     1    3    1        1      NA
```

```
## 2305    97    3    3        41    1    3    1        1        1
## 2306    97    3    3        41    1    3    1        1        0
## 2307    97    3    3        41    1    3    1        1        1
## 2308    97    3    3        41    1    3    1        1        0
## 2309    97    3    3        41    1    3    1        1        0
## 2310    97    3    3        41    1    3    1        1        0
## 2311    12    1    1        16    1    3    3        1        1
## 2312    12    1    1        16    1    3    3        1        1
## 2313    12    1    1        16    1    3    3        1        1
## 2314    12    1    1        16    1    3    3        1        1
## 2315    12    1    1        16    1    3    3        1       NA
## 2316    12    1    1        16    1    3    3        1        1
## 2317    12    1    1        16    1    3    3        1        1
## 2318    12    1    1        16    1    3    3        1        1
## 2319    12    1    1        16    1    3    3        1        1
## 2320    12    1    1        16    1    3    3        1        1
## 2321     8    1    1        48    1    1    1       10        1
## 2322     8    1    1        48    1    1    1       10        1
## 2323     8    1    1        48    1    1    1       10        1
## 2324     8    1    1        48    1    1    1       10        1
## 2325     8    1    1        48    1    1    1       10        1
## 2326     8    1    1        48    1    1    1       10        1
## 2327     8    1    1        48    1    1    1       10        1
## 2328     8    1    1        48    1    1    1       10        1
## 2329     8    1    1        48    1    1    1       10        1
## 2330     8    1    1        48    1    1    1       10        1
## 2331     2    1    1         6    2    3    2        2        1
## 2332     2    1    1         6    2    3    2        2        1
## 2333     2    1    1         6    2    3    2        2        1
## 2334     2    1    1         6    2    3    2        2        0
## 2335     2    1    1         6    2    3    2        2        1
## 2336     2    1    1         6    2    3    2        2        1
## 2337     2    1    1         6    2    3    2        2        1
## 2338     2    1    1         6    2    3    2        2        1
## 2339     2    1    1         6    2    3    2        2        1
## 2340     2    1    1         6    2    3    2        2        1
## 2341     3    2    7        48    1    4    1       12        1
## 2342     3    2    7        48    1    4    1       12        1
## 2343     3    2    7        48    1    4    1       12       NA
## 2344     3    2    7        48    1    4    1       12        0
## 2345     3    2    7        48    1    4    1       12        0
## 2346     3    2    7        48    1    4    1       12        0
## 2347     3    2    7        48    1    4    1       12        0
## 2348     3    2    7        48    1    4    1       12        0
## 2349     3    2    7        48    1    4    1       12        0
## 2350     3    2    7        48    1    4    1       12        0
## 2351     5    1    1        37    1    1    1        2       NA
## 2352     5    1    1        37    1    1    1        2        1
## 2353     5    1    1        37    1    1    1        2       NA
## 2354     5    1    1        37    1    1    1        2        1
## 2355     5    1    1        37    1    1    1        2        1
## 2356     5    1    1        37    1    1    1        2       NA
## 2357     5    1    1        37    1    1    1        2       NA
## 2358     5    1    1        37    1    1    1        2       NA
```

```
## 2359    5   1   1      37    1   1   1      2    NA
## 2360    5   1   1      37    1   1   1      2    NA
## 2361    4   1   2      32    1   3   2      5     0
## 2362    4   1   2      32    1   3   2      5     1
## 2363    4   1   2      32    1   3   2      5     1
## 2364    4   1   2      32    1   3   2      5    NA
## 2365    4   1   2      32    1   3   2      5     0
## 2366    4   1   2      32    1   3   2      5    NA
## 2367    4   1   2      32    1   3   2      5     0
## 2368    4   1   2      32    1   3   2      5     1
## 2369    4   1   2      32    1   3   2      5     0
## 2370    4   1   2      32    1   3   2      5     1
## 2371    4   2   6      39    1   3   1      1    NA
## 2372    4   2   6      39    1   3   1      1    NA
## 2373    4   2   6      39    1   3   1      1    NA
## 2374    4   2   6      39    1   3   1      1     0
## 2375    4   2   6      39    1   3   1      1     0
## 2376    4   2   6      39    1   3   1      1     0
## 2377    4   2   6      39    1   3   1      1     0
## 2378    4   2   6      39    1   3   1      1     0
## 2379    4   2   6      39    1   3   1      1     0
## 2380    4   2   6      39    1   3   1      1     0
## 2381    3   3   3      41    1   2   2     11     1
## 2382    3   3   3      41    1   2   2     11     1
## 2383    3   3   3      41    1   2   2     11     1
## 2384    3   3   3      41    1   2   2     11    NA
## 2385    3   3   3      41    1   2   2     11     1
## 2386    3   3   3      41    1   2   2     11    NA
## 2387    3   3   3      41    1   2   2     11     1
## 2388    3   3   3      41    1   2   2     11     1
## 2389    3   3   3      41    1   2   2     11     1
## 2390    3   3   3      41    1   2   2     11     1
## 2391   97   3   5       8    1   4   1      1     0
## 2392   97   3   5       8    1   4   1      1     0
## 2393   97   3   5       8    1   4   1      1     0
## 2394   97   3   5       8    1   4   1      1     0
## 2395   97   3   5       8    1   4   1      1     0
## 2396   97   3   5       8    1   4   1      1     0
## 2397   97   3   5       8    1   4   1      1     0
## 2398   97   3   5       8    1   4   1      1     0
## 2399   97   3   5       8    1   4   1      1     0
## 2400   97   3   5       8    1   4   1      1     0
## 2401    2   2   6      48    1   3   1      2     0
## 2402    2   2   6      48    1   3   1      2    NA
## 2403    2   2   6      48    1   3   1      2     0
## 2404    2   2   6      48    1   3   1      2    NA
## 2405    2   2   6      48    1   3   1      2     1
## 2406    2   2   6      48    1   3   1      2     1
## 2407    2   2   6      48    1   3   1      2     0
## 2408    2   2   6      48    1   3   1      2     1
## 2409    2   2   6      48    1   3   1      2     1
## 2410    2   2   6      48    1   3   1      2    NA
## 2411    2   2   6      12    1   4   1      1     0
## 2412    2   2   6      12    1   4   1      1     0
```

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```
## 2413     2    2    6       12      1    4    1     1      0
## 2414     2    2    6       12      1    4    1     1      NA
## 2415     2    2    6       12      1    4    1     1      0
## 2416     2    2    6       12      1    4    1     1      1
## 2417     2    2    6       12      1    4    1     1      0
## 2418     2    2    6       12      1    4    1     1      NA
## 2419     2    2    6       12      1    4    1     1      0
## 2420     2    2    6       12      1    4    1     1      0
## 2421     7    3    4       55      1    3    1    11      1
## 2422     7    3    4       55      1    3    1    11      1
## 2423     7    3    4       55      1    3    1    11      1
## 2424     7    3    4       55      1    3    1    11      NA
## 2425     7    3    4       55      1    3    1    11      0
## 2426     7    3    4       55      1    3    1    11      1
## 2427     7    3    4       55      1    3    1    11      NA
## 2428     7    3    4       55      1    3    1    11      1
## 2429     7    3    4       55      1    3    1    11      1
## 2430     7    3    4       55      1    3    1    11      1
## 2431     6    2    6       26      1    4    3    11      0
## 2432     6    2    6       26      1    4    3    11      1
## 2433     6    2    6       26      1    4    3    11      1
## 2434     6    2    6       26      1    4    3    11      1
## 2435     6    2    6       26      1    4    3    11      0
## 2436     6    2    6       26      1    4    3    11      1
## 2437     6    2    6       26      1    4    3    11      1
## 2438     6    2    6       26      1    4    3    11      1
## 2439     6    2    6       26      1    4    3    11      1
## 2440     6    2    6       26      1    4    3    11      1
## 2441     7    2    7       51      1    5    2     1      0
## 2442     7    2    7       51      1    5    2     1      0
## 2443     7    2    7       51      1    5    2     1      0
## 2444     7    2    7       51      1    5    2     1      0
## 2445     7    2    7       51      1    5    2     1      0
## 2446     7    2    7       51      1    5    2     1      0
## 2447     7    2    7       51      1    5    2     1      0
## 2448     7    2    7       51      1    5    2     1      0
## 2449     7    2    7       51      1    5    2     1      0
## 2450     7    2    7       51      1    5    2     1      0
## 2451    12    2    6       39      1    4    1     2      0
## 2452    12    2    6       39      1    4    1     2      0
## 2453    12    2    6       39      1    4    1     2      0
## 2454    12    2    6       39      1    4    1     2      NA
## 2455    12    2    6       39      1    4    1     2      0
## 2456    12    2    6       39      1    4    1     2      0
## 2457    12    2    6       39      1    4    1     2      0
## 2458    12    2    6       39      1    4    1     2      0
## 2459    12    2    6       39      1    4    1     2      0
## 2460    12    2    6       39      1    4    1     2      0
## 2461     6    4    4       53      1    1    1     9      1
## 2462     6    4    4       53      1    1    1     9      1
## 2463     6    4    4       53      1    1    1     9      1
## 2464     6    4    4       53      1    1    1     9      1
## 2465     6    4    4       53      1    1    1     9      1
## 2466     6    4    4       53      1    1    1     9      1
```

```
## 2467    6    4    4    53    1    1    1     9    1
## 2468    6    4    4    53    1    1    1     9    1
## 2469    6    4    4    53    1    1    1     9    1
## 2470    6    4    4    53    1    1    1     9    1
## 2471   13    1    1    11    1    1    1     9    1
## 2472   13    1    1    11    1    1    1     9    1
## 2473   13    1    1    11    1    1    1     9    1
## 2474   13    1    1    11    1    1    1     9    1
## 2475   13    1    1    11    1    1    1     9    1
## 2476   13    1    1    11    1    1    1     9    1
## 2477   13    1    1    11    1    1    1     9    1
## 2478   13    1    1    11    1    1    1     9    1
## 2479   13    1    1    11    1    1    1     9    1
## 2480   13    1    1    11    1    1    1     9    1
## 2481    6    5    3    53    1    3    3    11    1
## 2482    6    5    3    53    1    3    3    11    1
## 2483    6    5    3    53    1    3    3    11    1
## 2484    6    5    3    53    1    3    3    11   NA
## 2485    6    5    3    53    1    3    3    11    1
## 2486    6    5    3    53    1    3    3    11   NA
## 2487    6    5    3    53    1    3    3    11   NA
## 2488    6    5    3    53    1    3    3    11    1
## 2489    6    5    3    53    1    3    3    11    1
## 2490    6    5    3    53    1    3    3    11   NA
## 2491    3    3    5    29    1    4    1     5    0
## 2492    3    3    5    29    1    4    1     5    0
## 2493    3    3    5    29    1    4    1     5   NA
## 2494    3    3    5    29    1    4    1     5    0
## 2495    3    3    5    29    1    4    1     5    0
## 2496    3    3    5    29    1    4    1     5    0
## 2497    3    3    5    29    1    4    1     5    0
## 2498    3    3    5    29    1    4    1     5    0
## 2499    3    3    5    29    1    4    1     5    1
## 2500    3    3    5    29    1    4    1     5    0
## 2501   97    3    3    37    1    2    1     1    1
## 2502   97    3    3    37    1    2    1     1    1
## 2503   97    3    3    37    1    2    1     1    1
## 2504   97    3    3    37    1    2    1     1    1
## 2505   97    3    3    37    1    2    1     1    1
## 2506   97    3    3    37    1    2    1     1    1
## 2507   97    3    3    37    1    2    1     1   NA
## 2508   97    3    3    37    1    2    1     1    1
## 2509   97    3    3    37    1    2    1     1    1
## 2510   97    3    3    37    1    2    1     1    1
## 2511    3    2    7    47    1    4    2     1    0
## 2512    3    2    7    47    1    4    2     1    1
## 2513    3    2    7    47    1    4    2     1   NA
## 2514    3    2    7    47    1    4    2     1    0
## 2515    3    2    7    47    1    4    2     1    0
## 2516    3    2    7    47    1    4    2     1    1
## 2517    3    2    7    47    1    4    2     1   NA
## 2518    3    2    7    47    1    4    2     1    1
## 2519    3    2    7    47    1    4    2     1   NA
## 2520    3    2    7    47    1    4    2     1    0
```

```
## 2521     2   3   4      45      1   4   2      12      1
## 2522     2   3   4      45      1   4   2      12      0
## 2523     2   3   4      45      1   4   2      12      1
## 2524     2   3   4      45      1   4   2      12     NA
## 2525     2   3   4      45      1   4   2      12      1
## 2526     2   3   4      45      1   4   2      12      1
## 2527     2   3   4      45      1   4   2      12      1
## 2528     2   3   4      45      1   4   2      12      1
## 2529     2   3   4      45      1   4   2      12     NA
## 2530     2   3   4      45      1   4   2      12      0
## 2531     9   2   7      37      1   4   1      10      0
## 2532     9   2   7      37      1   4   1      10      1
## 2533     9   2   7      37      1   4   1      10      0
## 2534     9   2   7      37      1   4   1      10     NA
## 2535     9   2   7      37      1   4   1      10      0
## 2536     9   2   7      37      1   4   1      10      0
## 2537     9   2   7      37      1   4   1      10      0
## 2538     9   2   7      37      1   4   1      10      1
## 2539     9   2   7      37      1   4   1      10      0
## 2540     9   2   7      37      1   4   1      10      0
## 2541     9   3   5       6      1   5   1       1      0
## 2542     9   3   5       6      1   5   1       1      0
## 2543     9   3   5       6      1   5   1       1      1
## 2544     9   3   5       6      1   5   1       1     NA
## 2545     9   3   5       6      1   5   1       1      0
## 2546     9   3   5       6      1   5   1       1      0
## 2547     9   3   5       6      1   5   1       1      0
## 2548     9   3   5       6      1   5   1       1      1
## 2549     9   3   5       6      1   5   1       1      0
## 2550     9   3   5       6      1   5   1       1      0
## 2551    10   1   2      28      1   2   1      11      1
## 2552    10   1   2      28      1   2   1      11      1
## 2553    10   1   2      28      1   2   1      11      1
## 2554    10   1   2      28      1   2   1      11      1
## 2555    10   1   2      28      1   2   1      11     NA
## 2556    10   1   2      28      1   2   1      11      1
## 2557    10   1   2      28      1   2   1      11      1
## 2558    10   1   2      28      1   2   1      11     NA
## 2559    10   1   2      28      1   2   1      11      1
## 2560    10   1   2      28      1   2   1      11      1
## 2561     8   2   7      24      1   3   1       2      1
## 2562     8   2   7      24      1   3   1       2      1
## 2563     8   2   7      24      1   3   1       2      0
## 2564     8   2   7      24      1   3   1       2     NA
## 2565     8   2   7      24      1   3   1       2      0
## 2566     8   2   7      24      1   3   1       2      1
## 2567     8   2   7      24      1   3   1       2      1
## 2568     8   2   7      24      1   3   1       2      1
## 2569     8   2   7      24      1   3   1       2      1
## 2570     8   2   7      24      1   3   1       2      1
## 2571     3   2   7       6      1   5   1       1      0
## 2572     3   2   7       6      1   5   1       1      0
## 2573     3   2   7       6      1   5   1       1     NA
## 2574     3   2   7       6      1   5   1       1      0
```

```
## 2575      3    2    7         6     1    5    1       1        0
## 2576      3    2    7         6     1    5    1       1        0
## 2577      3    2    7         6     1    5    1       1        0
## 2578      3    2    7         6     1    5    1       1        0
## 2579      3    2    7         6     1    5    1       1        0
## 2580      3    2    7         6     1    5    1       1        0
## 2581     10    3    4        16     1    4    1       1       NA
## 2582     10    3    4        16     1    4    1       1        1
## 2583     10    3    4        16     1    4    1       1       NA
## 2584     10    3    4        16     1    4    1       1        0
## 2585     10    3    4        16     1    4    1       1        0
## 2586     10    3    4        16     1    4    1       1        1
## 2587     10    3    4        16     1    4    1       1        0
## 2588     10    3    4        16     1    4    1       1        0
## 2589     10    3    4        16     1    4    1       1        0
## 2590     10    3    4        16     1    4    1       1        0
## 2591     12    2    6        42     1    3    2       9        1
## 2592     12    2    6        42     1    3    2       9        1
## 2593     12    2    6        42     1    3    2       9        1
## 2594     12    2    6        42     1    3    2       9        1
## 2595     12    2    6        42     1    3    2       9        1
## 2596     12    2    6        42     1    3    2       9       NA
## 2597     12    2    6        42     1    3    2       9        1
## 2598     12    2    6        42     1    3    2       9        1
## 2599     12    2    6        42     1    3    2       9        1
## 2600     12    2    6        42     1    3    2       9        1
## 2601     97    2    6        47     1    4    1       1        0
## 2602     97    2    6        47     1    4    1       1        0
## 2603     97    2    6        47     1    4    1       1        0
## 2604     97    2    6        47     1    4    1       1       NA
## 2605     97    2    6        47     1    4    1       1        0
## 2606     97    2    6        47     1    4    1       1        0
## 2607     97    2    6        47     1    4    1       1        0
## 2608     97    2    6        47     1    4    1       1        0
## 2609     97    2    6        47     1    4    1       1        0
## 2610     97    2    6        47     1    4    1       1        0
## 2611      7    3    3        18     2    6    3      11        1
## 2612      7    3    3        18     2    6    3      11        1
## 2613      7    3    3        18     2    6    3      11        1
## 2614      7    3    3        18     2    6    3      11        0
## 2615      7    3    3        18     2    6    3      11        1
## 2616      7    3    3        18     2    6    3      11       NA
## 2617      7    3    3        18     2    6    3      11        1
## 2618      7    3    3        18     2    6    3      11        1
## 2619      7    3    3        18     2    6    3      11       NA
## 2620      7    3    3        18     2    6    3      11       NA
## 2621     12    1    2         6     1    2    1       1        1
## 2622     12    1    2         6     1    2    1       1        1
## 2623     12    1    2         6     1    2    1       1        1
## 2624     12    1    2         6     1    2    1       1        1
## 2625     12    1    2         6     1    2    1       1        1
## 2626     12    1    2         6     1    2    1       1        1
## 2627     12    1    2         6     1    2    1       1        1
## 2628     12    1    2         6     1    2    1       1        1
```

```
## 2629    12    1    2         6    1    2    1     1     1
## 2630    12    1    2         6    1    2    1     1     1
## 2631     6    3    5        33    1    3    1     1     0
## 2632     6    3    5        33    1    3    1     1     1
## 2633     6    3    5        33    1    3    1     1     1
## 2634     6    3    5        33    1    3    1     1     0
## 2635     6    3    5        33    1    3    1     1     1
## 2636     6    3    5        33    1    3    1     1     0
## 2637     6    3    5        33    1    3    1     1    NA
## 2638     6    3    5        33    1    3    1     1     1
## 2639     6    3    5        33    1    3    1     1     0
## 2640     6    3    5        33    1    3    1     1     0
## 2641     9    1    1        51    1    3    3    10     1
## 2642     9    1    1        51    1    3    3    10     1
## 2643     9    1    1        51    1    3    3    10     1
## 2644     9    1    1        51    1    3    3    10    NA
## 2645     9    1    1        51    1    3    3    10     1
## 2646     9    1    1        51    1    3    3    10     1
## 2647     9    1    1        51    1    3    3    10     1
## 2648     9    1    1        51    1    3    3    10     1
## 2649     9    1    1        51    1    3    3    10     1
## 2650     9    1    1        51    1    3    3    10     1
## 2651     7    3    5        48    1    3    1     2     0
## 2652     7    3    5        48    1    3    1     2    NA
## 2653     7    3    5        48    1    3    1     2     1
## 2654     7    3    5        48    1    3    1     2     0
## 2655     7    3    5        48    1    3    1     2     0
## 2656     7    3    5        48    1    3    1     2     0
## 2657     7    3    5        48    1    3    1     2    NA
## 2658     7    3    5        48    1    3    1     2     1
## 2659     7    3    5        48    1    3    1     2    NA
## 2660     7    3    5        48    1    3    1     2     0
## 2661     5    3    5        41    1    4    1     1     0
## 2662     5    3    5        41    1    4    1     1     0
## 2663     5    3    5        41    1    4    1     1     1
## 2664     5    3    5        41    1    4    1     1    NA
## 2665     5    3    5        41    1    4    1     1    NA
## 2666     5    3    5        41    1    4    1     1     0
## 2667     5    3    5        41    1    4    1     1     0
## 2668     5    3    5        41    1    4    1     1     0
## 2669     5    3    5        41    1    4    1     1     0
## 2670     5    3    5        41    1    4    1     1     0
## 2671     7    1    1         4    1    2    1    11     1
## 2672     7    1    1         4    1    2    1    11     1
## 2673     7    1    1         4    1    2    1    11     1
## 2674     7    1    1         4    1    2    1    11    NA
## 2675     7    1    1         4    1    2    1    11     1
## 2676     7    1    1         4    1    2    1    11     1
## 2677     7    1    1         4    1    2    1    11     1
## 2678     7    1    1         4    1    2    1    11     1
## 2679     7    1    1         4    1    2    1    11     1
## 2680     7    1    1         4    1    2    1    11     1
## 2681     9    3    5        12    1    3    1     2     1
## 2682     9    3    5        12    1    3    1     2    NA
```

```
## 2683    9    3    5    12    1    3    1     2    NA
## 2684    9    3    5    12    1    3    1     2     1
## 2685    9    3    5    12    1    3    1     2     0
## 2686    9    3    5    12    1    3    1     2     1
## 2687    9    3    5    12    1    3    1     2     1
## 2688    9    3    5    12    1    3    1     2     1
## 2689    9    3    5    12    1    3    1     2     0
## 2690    9    3    5    12    1    3    1     2     0
## 2691    8    1    1     1    1    1    1    11     1
## 2692    8    1    1     1    1    1    1    11     1
## 2693    8    1    1     1    1    1    1    11     1
## 2694    8    1    1     1    1    1    1    11     1
## 2695    8    1    1     1    1    1    1    11     1
## 2696    8    1    1     1    1    1    1    11     1
## 2697    8    1    1     1    1    1    1    11     1
## 2698    8    1    1     1    1    1    1    11     1
## 2699    8    1    1     1    1    1    1    11     1
## 2700    8    1    1     1    1    1    1    11     1
## 2701    2    4    4    42    1    3    1     2     1
## 2702    2    4    4    42    1    3    1     2     1
## 2703    2    4    4    42    1    3    1     2     1
## 2704    2    4    4    42    1    3    1     2    NA
## 2705    2    4    4    42    1    3    1     2     1
## 2706    2    4    4    42    1    3    1     2     0
## 2707    2    4    4    42    1    3    1     2     1
## 2708    2    4    4    42    1    3    1     2     1
## 2709    2    4    4    42    1    3    1     2     1
## 2710    2    4    4    42    1    3    1     2     1
## 2711   97    3    4    42    1    3    2     2     1
## 2712   97    3    4    42    1    3    2     2     1
## 2713   97    3    4    42    1    3    2     2     1
## 2714   97    3    4    42    1    3    2     2     1
## 2715   97    3    4    42    1    3    2     2     1
## 2716   97    3    4    42    1    3    2     2    NA
## 2717   97    3    4    42    1    3    2     2     1
## 2718   97    3    4    42    1    3    2     2     1
## 2719   97    3    4    42    1    3    2     2     1
## 2720   97    3    4    42    1    3    2     2     1
## 2721   11    2    6     4    1    4    1     2     0
## 2722   11    2    6     4    1    4    1     2    NA
## 2723   11    2    6     4    1    4    1     2     1
## 2724   11    2    6     4    1    4    1     2     1
## 2725   11    2    6     4    1    4    1     2    NA
## 2726   11    2    6     4    1    4    1     2     0
## 2727   11    2    6     4    1    4    1     2     0
## 2728   11    2    6     4    1    4    1     2     1
## 2729   11    2    6     4    1    4    1     2     1
## 2730   11    2    6     4    1    4    1     2     0
## 2731    8    3    3    26    1    2    1     9     1
## 2732    8    3    3    26    1    2    1     9     1
## 2733    8    3    3    26    1    2    1     9     1
## 2734    8    3    3    26    1    2    1     9    NA
## 2735    8    3    3    26    1    2    1     9     1
## 2736    8    3    3    26    1    2    1     9     1
```

```
## 2737       8       3       3          26           1       2       1          9           1
## 2738       8       3       3          26           1       2       1          9           1
## 2739       8       3       3          26           1       2       1          9           1
## 2740       8       3       3          26           1       2       1          9           1
## 2741       8       3       4          30           1       4       1         11           0
## 2742       8       3       4          30           1       4       1         11           0
## 2743       8       3       4          30           1       4       1         11           1
## 2744       8       3       4          30           1       4       1         11           0
## 2745       8       3       4          30           1       4       1         11           0
## 2746       8       3       4          30           1       4       1         11           0
## 2747       8       3       4          30           1       4       1         11           0
## 2748       8       3       4          30           1       4       1         11           0
## 2749       8       3       4          30           1       4       1         11           0
## 2750       8       3       4          30           1       4       1         11           0
## 2751       5       2       7           6           2       3       2         11           0
## 2752       5       2       7           6           2       3       2         11           0
## 2753       5       2       7           6           2       3       2         11           1
## 2754       5       2       7           6           2       3       2         11           0
## 2755       5       2       7           6           2       3       2         11           0
## 2756       5       2       7           6           2       3       2         11           1
## 2757       5       2       7           6           2       3       2         11           0
## 2758       5       2       7           6           2       3       2         11           1
## 2759       5       2       7           6           2       3       2         11          NA
## 2760       5       2       7           6           2       3       2         11           0
## 2761       9       2       6          26           1       3       1          1           1
## 2762       9       2       6          26           1       3       1          1           1
## 2763       9       2       6          26           1       3       1          1           1
## 2764       9       2       6          26           1       3       1          1           1
## 2765       9       2       6          26           1       3       1          1           0
## 2766       9       2       6          26           1       3       1          1           1
## 2767       9       2       6          26           1       3       1          1           0
## 2768       9       2       6          26           1       3       1          1           1
## 2769       9       2       6          26           1       3       1          1           0
## 2770       9       2       6          26           1       3       1          1           0
## 2771       2       2       7           6           1       5       2         11           1
## 2772       2       2       7           6           1       5       2         11           1
## 2773       2       2       7           6           1       5       2         11           1
## 2774       2       2       7           6           1       5       2         11           0
## 2775       2       2       7           6           1       5       2         11           1
## 2776       2       2       7           6           1       5       2         11           0
## 2777       2       2       7           6           1       5       2         11           0
##       republican democrat trump_favor ideo5b libtrump contrump gopleader self
## 1              1        0           2      4        0        0         1    0
## 2              1        0           2      4        0        0         1    0
## 3              1        0           2      4        0        0         1    0
## 4              1        0           2      4        0        0         1    0
## 5              1        0           2      4        0        0         1    0
## 6              1        0           2      4        0        0         1    0
## 7              1        0           2      4        0        0         1    0
## 8              1        0           2      4        0        0         1    0
## 9              1        0           2      4        0        0         1    0
## 10             1        0           2      4        0        0         1    0
## 11             0        1           3      3        0        0         1    0
## 12             0        1           3      3        0        0         1    0
```

```
## 13          0        1        3        3        0        0        1        0
## 14          0        1        3        3        0        0        1        0
## 15          0        1        3        3        0        0        1        0
## 16          0        1        3        3        0        0        1        0
## 17          0        1        3        3        0        0        1        0
## 18          0        1        3        3        0        0        1        0
## 19          0        1        3        3        0        0        1        0
## 20          0        1        3        3        0        0        1        0
## 21          1        0        2        4        0        0        1        0
## 22          1        0        2        4        0        0        1        0
## 23          1        0        2        4        0        0        1        0
## 24          1        0        2        4        0        0        1        0
## 25          1        0        2        4        0        0        1        0
## 26          1        0        2        4        0        0        1        0
## 27          1        0        2        4        0        0        1        0
## 28          1        0        2        4        0        0        1        0
## 29          1        0        2        4        0        0        1        0
## 30          1        0        2        4        0        0        1        0
## 31          0        1        2        3        1        0        0        0
## 32          0        1        2        3        1        0        0        0
## 33          0        1        2        3        1        0        0        0
## 34          0        1        2        3        1        0        0        0
## 35          0        1        2        3        1        0        0        0
## 36          0        1        2        3        1        0        0        0
## 37          0        1        2        3        1        0        0        0
## 38          0        1        2        3        1        0        0        0
## 39          0        1        2        3        1        0        0        0
## 40          0        1        2        3        1        0        0        0
## 41          1        0        2        4        1        0        0        0
## 42          1        0        2        4        1        0        0        0
## 43          1        0        2        4        1        0        0        0
## 44          1        0        2        4        1        0        0        0
## 45          1        0        2        4        1        0        0        0
## 46          1        0        2        4        1        0        0        0
## 47          1        0        2        4        1        0        0        0
## 48          1        0        2        4        1        0        0        0
## 49          1        0        2        4        1        0        0        0
## 50          1        0        2        4        1        0        0        0
## 51          1        0        1        4        0        1        0        0
## 52          1        0        1        4        0        1        0        0
## 53          1        0        1        4        0        1        0        0
## 54          1        0        1        4        0        1        0        0
## 55          1        0        1        4        0        1        0        0
## 56          1        0        1        4        0        1        0        0
## 57          1        0        1        4        0        1        0        0
## 58          1        0        1        4        0        1        0        0
## 59          1        0        1        4        0        1        0        0
## 60          1        0        1        4        0        1        0        0
## 61          0        1        5        2        0        0        1        0
## 62          0        1        5        2        0        0        1        0
## 63          0        1        5        2        0        0        1        0
## 64          0        1        5        2        0        0        1        0
## 65          0        1        5        2        0        0        1        0
## 66          0        1        5        2        0        0        1        0
```

```
## 67      0    1    5    2    0    0    1    0
## 68      0    1    5    2    0    0    1    0
## 69      0    1    5    2    0    0    1    0
## 70      0    1    5    2    0    0    1    0
## 71      1    0    2    4    1    0    0    0
## 72      1    0    2    4    1    0    0    0
## 73      1    0    2    4    1    0    0    0
## 74      1    0    2    4    1    0    0    0
## 75      1    0    2    4    1    0    0    0
## 76      1    0    2    4    1    0    0    0
## 77      1    0    2    4    1    0    0    0
## 78      1    0    2    4    1    0    0    0
## 79      1    0    2    4    1    0    0    0
## 80      1    0    2    4    1    0    0    0
## 81      1    0    3    3    0    0    1    0
## 82      1    0    3    3    0    0    1    0
## 83      1    0    3    3    0    0    1    0
## 84      1    0    3    3    0    0    1    0
## 85      1    0    3    3    0    0    1    0
## 86      1    0    3    3    0    0    1    0
## 87      1    0    3    3    0    0    1    0
## 88      1    0    3    3    0    0    1    0
## 89      1    0    3    3    0    0    1    0
## 90      1    0    3    3    0    0    1    0
## 91      0    1    5    2    0    1    0    0
## 92      0    1    5    2    0    1    0    0
## 93      0    1    5    2    0    1    0    0
## 94      0    1    5    2    0    1    0    0
## 95      0    1    5    2    0    1    0    0
## 96      0    1    5    2    0    1    0    0
## 97      0    1    5    2    0    1    0    0
## 98      0    1    5    2    0    1    0    0
## 99      0    1    5    2    0    1    0    0
## 100     0    1    5    2    0    1    0    0
## 101     0    0    3    4    0    1    0    0
## 102     0    0    3    4    0    1    0    0
## 103     0    0    3    4    0    1    0    0
## 104     0    0    3    4    0    1    0    0
## 105     0    0    3    4    0    1    0    0
## 106     0    0    3    4    0    1    0    0
## 107     0    0    3    4    0    1    0    0
## 108     0    0    3    4    0    1    0    0
## 109     0    0    3    4    0    1    0    0
## 110     0    0    3    4    0    1    0    0
## 111     0    1    4    3    0    1    0    0
## 112     0    1    4    3    0    1    0    0
## 113     0    1    4    3    0    1    0    0
## 114     0    1    4    3    0    1    0    0
## 115     0    1    4    3    0    1    0    0
## 116     0    1    4    3    0    1    0    0
## 117     0    1    4    3    0    1    0    0
## 118     0    1    4    3    0    1    0    0
## 119     0    1    4    3    0    1    0    0
## 120     0    1    4    3    0    1    0    0
```

```
## 121             1          0          1          4          0          0          1          0
## 122             1          0          1          4          0          0          1          0
## 123             1          0          1          4          0          0          1          0
## 124             1          0          1          4          0          0          1          0
## 125             1          0          1          4          0          0          1          0
## 126             1          0          1          4          0          0          1          0
## 127             1          0          1          4          0          0          1          0
## 128             1          0          1          4          0          0          1          0
## 129             1          0          1          4          0          0          1          0
## 130             1          0          1          4          0          0          1          0
## 131             0          1          5          3          1          0          0          0
## 132             0          1          5          3          1          0          0          0
## 133             0          1          5          3          1          0          0          0
## 134             0          1          5          3          1          0          0          0
## 135             0          1          5          3          1          0          0          0
## 136             0          1          5          3          1          0          0          0
## 137             0          1          5          3          1          0          0          0
## 138             0          1          5          3          1          0          0          0
## 139             0          1          5          3          1          0          0          0
## 140             0          1          5          3          1          0          0          0
## 141             0          1          5          1          0          1          0          0
## 142             0          1          5          1          0          1          0          0
## 143             0          1          5          1          0          1          0          0
## 144             0          1          5          1          0          1          0          0
## 145             0          1          5          1          0          1          0          0
## 146             0          1          5          1          0          1          0          0
## 147             0          1          5          1          0          1          0          0
## 148             0          1          5          1          0          1          0          0
## 149             0          1          5          1          0          1          0          0
## 150             0          1          5          1          0          1          0          0
## 151             1          0          1          4          1          0          0          0
## 152             1          0          1          4          1          0          0          0
## 153             1          0          1          4          1          0          0          0
## 154             1          0          1          4          1          0          0          0
## 155             1          0          1          4          1          0          0          0
## 156             1          0          1          4          1          0          0          0
## 157             1          0          1          4          1          0          0          0
## 158             1          0          1          4          1          0          0          0
## 159             1          0          1          4          1          0          0          0
## 160             1          0          1          4          1          0          0          0
## 161             0          1          5          3          0          1          0          0
## 162             0          1          5          3          0          1          0          0
## 163             0          1          5          3          0          1          0          0
## 164             0          1          5          3          0          1          0          0
## 165             0          1          5          3          0          1          0          0
## 166             0          1          5          3          0          1          0          0
## 167             0          1          5          3          0          1          0          0
## 168             0          1          5          3          0          1          0          0
## 169             0          1          5          3          0          1          0          0
## 170             0          1          5          3          0          1          0          0
## 171             1          0          1          4          0          0          1          0
## 172             1          0          1          4          0          0          1          0
## 173             1          0          1          4          0          0          1          0
## 174             1          0          1          4          0          0          1          0
```

```
## 175          1          0          1          4          0          0          1          0
## 176          1          0          1          4          0          0          1          0
## 177          1          0          1          4          0          0          1          0
## 178          1          0          1          4          0          0          1          0
## 179          1          0          1          4          0          0          1          0
## 180          1          0          1          4          0          0          1          0
## 181          0          1          4          3          1          0          0          0
## 182          0          1          4          3          1          0          0          0
## 183          0          1          4          3          1          0          0          0
## 184          0          1          4          3          1          0          0          0
## 185          0          1          4          3          1          0          0          0
## 186          0          1          4          3          1          0          0          0
## 187          0          1          4          3          1          0          0          0
## 188          0          1          4          3          1          0          0          0
## 189          0          1          4          3          1          0          0          0
## 190          0          1          4          3          1          0          0          0
## 191          0          0          3          4          0          1          0          0
## 192          0          0          3          4          0          1          0          0
## 193          0          0          3          4          0          1          0          0
## 194          0          0          3          4          0          1          0          0
## 195          0          0          3          4          0          1          0          0
## 196          0          0          3          4          0          1          0          0
## 197          0          0          3          4          0          1          0          0
## 198          0          0          3          4          0          1          0          0
## 199          0          0          3          4          0          1          0          0
## 200          0          0          3          4          0          1          0          0
## 201          0          0          2          3          0          0          1          0
## 202          0          0          2          3          0          0          1          0
## 203          0          0          2          3          0          0          1          0
## 204          0          0          2          3          0          0          1          0
## 205          0          0          2          3          0          0          1          0
## 206          0          0          2          3          0          0          1          0
## 207          0          0          2          3          0          0          1          0
## 208          0          0          2          3          0          0          1          0
## 209          0          0          2          3          0          0          1          0
## 210          0          0          2          3          0          0          1          0
## 211          1          0          1          3          0          0          1          0
## 212          1          0          1          3          0          0          1          0
## 213          1          0          1          3          0          0          1          0
## 214          1          0          1          3          0          0          1          0
## 215          1          0          1          3          0          0          1          0
## 216          1          0          1          3          0          0          1          0
## 217          1          0          1          3          0          0          1          0
## 218          1          0          1          3          0          0          1          0
## 219          1          0          1          3          0          0          1          0
## 220          1          0          1          3          0          0          1          0
## 221          0          1          5          2          0          0          1          0
## 222          0          1          5          2          0          0          1          0
## 223          0          1          5          2          0          0          1          0
## 224          0          1          5          2          0          0          1          0
## 225          0          1          5          2          0          0          1          0
## 226          0          1          5          2          0          0          1          0
## 227          0          1          5          2          0          0          1          0
## 228          0          1          5          2          0          0          1          0
```

```
## 229       0       1       5       2       0       0       1       0
## 230       0       1       5       2       0       0       1       0
## 231       1       0       1       4       1       0       0       0
## 232       1       0       1       4       1       0       0       0
## 233       1       0       1       4       1       0       0       0
## 234       1       0       1       4       1       0       0       0
## 235       1       0       1       4       1       0       0       0
## 236       1       0       1       4       1       0       0       0
## 237       1       0       1       4       1       0       0       0
## 238       1       0       1       4       1       0       0       0
## 239       1       0       1       4       1       0       0       0
## 240       1       0       1       4       1       0       0       0
## 241       0       1       5       3       0       0       1       0
## 242       0       1       5       3       0       0       1       0
## 243       0       1       5       3       0       0       1       0
## 244       0       1       5       3       0       0       1       0
## 245       0       1       5       3       0       0       1       0
## 246       0       1       5       3       0       0       1       0
## 247       0       1       5       3       0       0       1       0
## 248       0       1       5       3       0       0       1       0
## 249       0       1       5       3       0       0       1       0
## 250       0       1       5       3       0       0       1       0
## 251       0       1       4       3       1       0       0       0
## 252       0       1       4       3       1       0       0       0
## 253       0       1       4       3       1       0       0       0
## 254       0       1       4       3       1       0       0       0
## 255       0       1       4       3       1       0       0       0
## 256       0       1       4       3       1       0       0       0
## 257       0       1       4       3       1       0       0       0
## 258       0       1       4       3       1       0       0       0
## 259       0       1       4       3       1       0       0       0
## 260       0       1       4       3       1       0       0       0
## 261       1       0       2       4       0       0       1       0
## 262       1       0       2       4       0       0       1       0
## 263       1       0       2       4       0       0       1       0
## 264       1       0       2       4       0       0       1       0
## 265       1       0       2       4       0       0       1       0
## 266       1       0       2       4       0       0       1       0
## 267       1       0       2       4       0       0       1       0
## 268       1       0       2       4       0       0       1       0
## 269       1       0       2       4       0       0       1       0
## 270       1       0       2       4       0       0       1       0
## 271       0       1       5       1       1       0       0       0
## 272       0       1       5       1       1       0       0       0
## 273       0       1       5       1       1       0       0       0
## 274       0       1       5       1       1       0       0       0
## 275       0       1       5       1       1       0       0       0
## 276       0       1       5       1       1       0       0       0
## 277       0       1       5       1       1       0       0       0
## 278       0       1       5       1       1       0       0       0
## 279       0       1       5       1       1       0       0       0
## 280       0       1       5       1       1       0       0       0
## 281       0       0       3       3       1       0       0       0
## 282       0       0       3       3       1       0       0       0
```

```
## 283        0        0        3    3    1        0        0    0
## 284        0        0        3    3    1        0        0    0
## 285        0        0        3    3    1        0        0    0
## 286        0        0        3    3    1        0        0    0
## 287        0        0        3    3    1        0        0    0
## 288        0        0        3    3    1        0        0    0
## 289        0        0        3    3    1        0        0    0
## 290        0        0        3    3    1        0        0    0
## 291        0        0        3    4    0        0        1    0
## 292        0        0        3    4    0        0        1    0
## 293        0        0        3    4    0        0        1    0
## 294        0        0        3    4    0        0        1    0
## 295        0        0        3    4    0        0        1    0
## 296        0        0        3    4    0        0        1    0
## 297        0        0        3    4    0        0        1    0
## 298        0        0        3    4    0        0        1    0
## 299        0        0        3    4    0        0        1    0
## 300        0        0        3    4    0        0        1    0
## 301        1        0        2    3    0        0        1    0
## 302        1        0        2    3    0        0        1    0
## 303        1        0        2    3    0        0        1    0
## 304        1        0        2    3    0        0        1    0
## 305        1        0        2    3    0        0        1    0
## 306        1        0        2    3    0        0        1    0
## 307        1        0        2    3    0        0        1    0
## 308        1        0        2    3    0        0        1    0
## 309        1        0        2    3    0        0        1    0
## 310        1        0        2    3    0        0        1    0
## 311        1        0        1    4    0        0        1    0
## 312        1        0        1    4    0        0        1    0
## 313        1        0        1    4    0        0        1    0
## 314        1        0        1    4    0        0        1    0
## 315        1        0        1    4    0        0        1    0
## 316        1        0        1    4    0        0        1    0
## 317        1        0        1    4    0        0        1    0
## 318        1        0        1    4    0        0        1    0
## 319        1        0        1    4    0        0        1    0
## 320        1        0        1    4    0        0        1    0
## 321        0        0        4    3    1        0        0    0
## 322        0        0        4    3    1        0        0    0
## 323        0        0        4    3    1        0        0    0
## 324        0        0        4    3    1        0        0    0
## 325        0        0        4    3    1        0        0    0
## 326        0        0        4    3    1        0        0    0
## 327        0        0        4    3    1        0        0    0
## 328        0        0        4    3    1        0        0    0
## 329        0        0        4    3    1        0        0    0
## 330        0        0        4    3    1        0        0    0
## 331        0        0        2    3    0        0        1    0
## 332        0        0        2    3    0        0        1    0
## 333        0        0        2    3    0        0        1    0
## 334        0        0        2    3    0        0        1    0
## 335        0        0        2    3    0        0        1    0
## 336        0        0        2    3    0        0        1    0
```

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## 337          0          0          2          3          0          0          1          0
## 338          0          0          2          3          0          0          1          0
## 339          0          0          2          3          0          0          1          0
## 340          0          0          2          3          0          0          1          0
## 341          0          1          5          2          0          0          1          0
## 342          0          1          5          2          0          0          1          0
## 343          0          1          5          2          0          0          1          0
## 344          0          1          5          2          0          0          1          0
## 345          0          1          5          2          0          0          1          0
## 346          0          1          5          2          0          0          1          0
## 347          0          1          5          2          0          0          1          0
## 348          0          1          5          2          0          0          1          0
## 349          0          1          5          2          0          0          1          0
## 350          0          1          5          2          0          0          1          0
## 351          1          0          2          4          1          0          0          0
## 352          1          0          2          4          1          0          0          0
## 353          1          0          2          4          1          0          0          0
## 354          1          0          2          4          1          0          0          0
## 355          1          0          2          4          1          0          0          0
## 356          1          0          2          4          1          0          0          0
## 357          1          0          2          4          1          0          0          0
## 358          1          0          2          4          1          0          0          0
## 359          1          0          2          4          1          0          0          0
## 360          1          0          2          4          1          0          0          0
## 361          1          0          3          3          1          0          0          0
## 362          1          0          3          3          1          0          0          0
## 363          1          0          3          3          1          0          0          0
## 364          1          0          3          3          1          0          0          0
## 365          1          0          3          3          1          0          0          0
## 366          1          0          3          3          1          0          0          0
## 367          1          0          3          3          1          0          0          0
## 368          1          0          3          3          1          0          0          0
## 369          1          0          3          3          1          0          0          0
## 370          1          0          3          3          1          0          0          0
## 371          1          0          2          4          1          0          0          0
## 372          1          0          2          4          1          0          0          0
## 373          1          0          2          4          1          0          0          0
## 374          1          0          2          4          1          0          0          0
## 375          1          0          2          4          1          0          0          0
## 376          1          0          2          4          1          0          0          0
## 377          1          0          2          4          1          0          0          0
## 378          1          0          2          4          1          0          0          0
## 379          1          0          2          4          1          0          0          0
## 380          1          0          2          4          1          0          0          0
## 381          1          0          1          5          0          1          0          0
## 382          1          0          1          5          0          1          0          0
## 383          1          0          1          5          0          1          0          0
## 384          1          0          1          5          0          1          0          0
## 385          1          0          1          5          0          1          0          0
## 386          1          0          1          5          0          1          0          0
## 387          1          0          1          5          0          1          0          0
## 388          1          0          1          5          0          1          0          0
## 389          1          0          1          5          0          1          0          0
## 390          1          0          1          5          0          1          0          0
```

```
## 391      0      1      3      2      1      0      0      0
## 392      0      1      3      2      1      0      0      0
## 393      0      1      3      2      1      0      0      0
## 394      0      1      3      2      1      0      0      0
## 395      0      1      3      2      1      0      0      0
## 396      0      1      3      2      1      0      0      0
## 397      0      1      3      2      1      0      0      0
## 398      0      1      3      2      1      0      0      0
## 399      0      1      3      2      1      0      0      0
## 400      0      1      3      2      1      0      0      0
## 401      1      0      3      4      0      0      1      0
## 402      1      0      3      4      0      0      1      0
## 403      1      0      3      4      0      0      1      0
## 404      1      0      3      4      0      0      1      0
## 405      1      0      3      4      0      0      1      0
## 406      1      0      3      4      0      0      1      0
## 407      1      0      3      4      0      0      1      0
## 408      1      0      3      4      0      0      1      0
## 409      1      0      3      4      0      0      1      0
## 410      1      0      3      4      0      0      1      0
## 411      1      0      4      4      0      0      1      0
## 412      1      0      4      4      0      0      1      0
## 413      1      0      4      4      0      0      1      0
## 414      1      0      4      4      0      0      1      0
## 415      1      0      4      4      0      0      1      0
## 416      1      0      4      4      0      0      1      0
## 417      1      0      4      4      0      0      1      0
## 418      1      0      4      4      0      0      1      0
## 419      1      0      4      4      0      0      1      0
## 420      1      0      4      4      0      0      1      0
## 421      0      1      5      2      1      0      0      0
## 422      0      1      5      2      1      0      0      0
## 423      0      1      5      2      1      0      0      0
## 424      0      1      5      2      1      0      0      0
## 425      0      1      5      2      1      0      0      0
## 426      0      1      5      2      1      0      0      0
## 427      0      1      5      2      1      0      0      0
## 428      0      1      5      2      1      0      0      0
## 429      0      1      5      2      1      0      0      0
## 430      0      1      5      2      1      0      0      0
## 431      0      0      2      3      0      0      1      0
## 432      0      0      2      3      0      0      1      0
## 433      0      0      2      3      0      0      1      0
## 434      0      0      2      3      0      0      1      0
## 435      0      0      2      3      0      0      1      0
## 436      0      0      2      3      0      0      1      0
## 437      0      0      2      3      0      0      1      0
## 438      0      0      2      3      0      0      1      0
## 439      0      0      2      3      0      0      1      0
## 440      0      0      2      3      0      0      1      0
## 441      1      0      2      3      0      0      1      0
## 442      1      0      2      3      0      0      1      0
## 443      1      0      2      3      0      0      1      0
## 444      1      0      2      3      0      0      1      0
```

```
## 445         1         0         2         3         0         0         1         0
## 446         1         0         2         3         0         0         1         0
## 447         1         0         2         3         0         0         1         0
## 448         1         0         2         3         0         0         1         0
## 449         1         0         2         3         0         0         1         0
## 450         1         0         2         3         0         0         1         0
## 451         0         1         1         5         0         1         0         0
## 452         0         1         1         5         0         1         0         0
## 453         0         1         1         5         0         1         0         0
## 454         0         1         1         5         0         1         0         0
## 455         0         1         1         5         0         1         0         0
## 456         0         1         1         5         0         1         0         0
## 457         0         1         1         5         0         1         0         0
## 458         0         1         1         5         0         1         0         0
## 459         0         1         1         5         0         1         0         0
## 460         0         1         1         5         0         1         0         0
## 461         1         0         1         4         0         0         1         0
## 462         1         0         1         4         0         0         1         0
## 463         1         0         1         4         0         0         1         0
## 464         1         0         1         4         0         0         1         0
## 465         1         0         1         4         0         0         1         0
## 466         1         0         1         4         0         0         1         0
## 467         1         0         1         4         0         0         1         0
## 468         1         0         1         4         0         0         1         0
## 469         1         0         1         4         0         0         1         0
## 470         1         0         1         4         0         0         1         0
## 471         0         1         5         3         0         0         1         0
## 472         0         1         5         3         0         0         1         0
## 473         0         1         5         3         0         0         1         0
## 474         0         1         5         3         0         0         1         0
## 475         0         1         5         3         0         0         1         0
## 476         0         1         5         3         0         0         1         0
## 477         0         1         5         3         0         0         1         0
## 478         0         1         5         3         0         0         1         0
## 479         0         1         5         3         0         0         1         0
## 480         0         1         5         3         0         0         1         0
## 481         0         0         1         3         0         0         1         0
## 482         0         0         1         3         0         0         1         0
## 483         0         0         1         3         0         0         1         0
## 484         0         0         1         3         0         0         1         0
## 485         0         0         1         3         0         0         1         0
## 486         0         0         1         3         0         0         1         0
## 487         0         0         1         3         0         0         1         0
## 488         0         0         1         3         0         0         1         0
## 489         0         0         1         3         0         0         1         0
## 490         0         0         1         3         0         0         1         0
## 491         0         0         4         3         0         0         1         0
## 492         0         0         4         3         0         0         1         0
## 493         0         0         4         3         0         0         1         0
## 494         0         0         4         3         0         0         1         0
## 495         0         0         4         3         0         0         1         0
## 496         0         0         4         3         0         0         1         0
## 497         0         0         4         3         0         0         1         0
## 498         0         0         4         3         0         0         1         0
```

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```
## 499          0          0          4          3          0          0          1          0
## 500          0          0          4          3          0          0          1          0
## 501          1          0          1          3          1          0          0          0
## 502          1          0          1          3          1          0          0          0
## 503          1          0          1          3          1          0          0          0
## 504          1          0          1          3          1          0          0          0
## 505          1          0          1          3          1          0          0          0
## 506          1          0          1          3          1          0          0          0
## 507          1          0          1          3          1          0          0          0
## 508          1          0          1          3          1          0          0          0
## 509          1          0          1          3          1          0          0          0
## 510          1          0          1          3          1          0          0          0
## 511          0          0          2          3          0          0          1          0
## 512          0          0          2          3          0          0          1          0
## 513          0          0          2          3          0          0          1          0
## 514          0          0          2          3          0          0          1          0
## 515          0          0          2          3          0          0          1          0
## 516          0          0          2          3          0          0          1          0
## 517          0          0          2          3          0          0          1          0
## 518          0          0          2          3          0          0          1          0
## 519          0          0          2          3          0          0          1          0
## 520          0          0          2          3          0          0          1          0
## 521          0          0          3          3          0          0          1          0
## 522          0          0          3          3          0          0          1          0
## 523          0          0          3          3          0          0          1          0
## 524          0          0          3          3          0          0          1          0
## 525          0          0          3          3          0          0          1          0
## 526          0          0          3          3          0          0          1          0
## 527          0          0          3          3          0          0          1          0
## 528          0          0          3          3          0          0          1          0
## 529          0          0          3          3          0          0          1          0
## 530          0          0          3          3          0          0          1          0
## 531          0          1          5          1          0          1          0          0
## 532          0          1          5          1          0          1          0          0
## 533          0          1          5          1          0          1          0          0
## 534          0          1          5          1          0          1          0          0
## 535          0          1          5          1          0          1          0          0
## 536          0          1          5          1          0          1          0          0
## 537          0          1          5          1          0          1          0          0
## 538          0          1          5          1          0          1          0          0
## 539          0          1          5          1          0          1          0          0
## 540          0          1          5          1          0          1          0          0
## 541          1          0          2          4          0          0          1          0
## 542          1          0          2          4          0          0          1          0
## 543          1          0          2          4          0          0          1          0
## 544          1          0          2          4          0          0          1          0
## 545          1          0          2          4          0          0          1          0
## 546          1          0          2          4          0          0          1          0
## 547          1          0          2          4          0          0          1          0
## 548          1          0          2          4          0          0          1          0
## 549          1          0          2          4          0          0          1          0
## 550          1          0          2          4          0          0          1          0
## 551          0          0          3          4          1          0          0          0
## 552          0          0          3          4          1          0          0          0
```

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## 553          0          0          3          4          1          0          0          0
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## 555          0          0          3          4          1          0          0          0
## 556          0          0          3          4          1          0          0          0
## 557          0          0          3          4          1          0          0          0
## 558          0          0          3          4          1          0          0          0
## 559          0          0          3          4          1          0          0          0
## 560          0          0          3          4          1          0          0          0
## 561          0          1          5          3          0          1          0          0
## 562          0          1          5          3          0          1          0          0
## 563          0          1          5          3          0          1          0          0
## 564          0          1          5          3          0          1          0          0
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## 566          0          1          5          3          0          1          0          0
## 567          0          1          5          3          0          1          0          0
## 568          0          1          5          3          0          1          0          0
## 569          0          1          5          3          0          1          0          0
## 570          0          1          5          3          0          1          0          0
## 571          1          0          1          3          0          0          1          0
## 572          1          0          1          3          0          0          1          0
## 573          1          0          1          3          0          0          1          0
## 574          1          0          1          3          0          0          1          0
## 575          1          0          1          3          0          0          1          0
## 576          1          0          1          3          0          0          1          0
## 577          1          0          1          3          0          0          1          0
## 578          1          0          1          3          0          0          1          0
## 579          1          0          1          3          0          0          1          0
## 580          1          0          1          3          0          0          1          0
## 581          0          1          5          1          0          1          0          0
## 582          0          1          5          1          0          1          0          0
## 583          0          1          5          1          0          1          0          0
## 584          0          1          5          1          0          1          0          0
## 585          0          1          5          1          0          1          0          0
## 586          0          1          5          1          0          1          0          0
## 587          0          1          5          1          0          1          0          0
## 588          0          1          5          1          0          1          0          0
## 589          0          1          5          1          0          1          0          0
## 590          0          1          5          1          0          1          0          0
## 591          0          1          3          3          0          0          1          0
## 592          0          1          3          3          0          0          1          0
## 593          0          1          3          3          0          0          1          0
## 594          0          1          3          3          0          0          1          0
## 595          0          1          3          3          0          0          1          0
## 596          0          1          3          3          0          0          1          0
## 597          0          1          3          3          0          0          1          0
## 598          0          1          3          3          0          0          1          0
## 599          0          1          3          3          0          0          1          0
## 600          0          1          3          3          0          0          1          0
## 601          1          0          2          3          0          0          1          0
## 602          1          0          2          3          0          0          1          0
## 603          1          0          2          3          0          0          1          0
## 604          1          0          2          3          0          0          1          0
## 605          1          0          2          3          0          0          1          0
## 606          1          0          2          3          0          0          1          0
```

```
## 607        1        0        2        3        0        0        1        0
## 608        1        0        2        3        0        0        1        0
## 609        1        0        2        3        0        0        1        0
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## 611        1        0        1        4        0        0        1        0
## 612        1        0        1        4        0        0        1        0
## 613        1        0        1        4        0        0        1        0
## 614        1        0        1        4        0        0        1        0
## 615        1        0        1        4        0        0        1        0
## 616        1        0        1        4        0        0        1        0
## 617        1        0        1        4        0        0        1        0
## 618        1        0        1        4        0        0        1        0
## 619        1        0        1        4        0        0        1        0
## 620        1        0        1        4        0        0        1        0
## 621        1        0        3        3        0        1        0        0
## 622        1        0        3        3        0        1        0        0
## 623        1        0        3        3        0        1        0        0
## 624        1        0        3        3        0        1        0        0
## 625        1        0        3        3        0        1        0        0
## 626        1        0        3        3        0        1        0        0
## 627        1        0        3        3        0        1        0        0
## 628        1        0        3        3        0        1        0        0
## 629        1        0        3        3        0        1        0        0
## 630        1        0        3        3        0        1        0        0
## 631        0        1        5        2        0        0        1        0
## 632        0        1        5        2        0        0        1        0
## 633        0        1        5        2        0        0        1        0
## 634        0        1        5        2        0        0        1        0
## 635        0        1        5        2        0        0        1        0
## 636        0        1        5        2        0        0        1        0
## 637        0        1        5        2        0        0        1        0
## 638        0        1        5        2        0        0        1        0
## 639        0        1        5        2        0        0        1        0
## 640        0        1        5        2        0        0        1        0
## 641        0        1        3        4        1        0        0        0
## 642        0        1        3        4        1        0        0        0
## 643        0        1        3        4        1        0        0        0
## 644        0        1        3        4        1        0        0        0
## 645        0        1        3        4        1        0        0        0
## 646        0        1        3        4        1        0        0        0
## 647        0        1        3        4        1        0        0        0
## 648        0        1        3        4        1        0        0        0
## 649        0        1        3        4        1        0        0        0
## 650        0        1        3        4        1        0        0        0
## 651        0        1        5        1        0        0        1        0
## 652        0        1        5        1        0        0        1        0
## 653        0        1        5        1        0        0        1        0
## 654        0        1        5        1        0        0        1        0
## 655        0        1        5        1        0        0        1        0
## 656        0        1        5        1        0        0        1        0
## 657        0        1        5        1        0        0        1        0
## 658        0        1        5        1        0        0        1        0
## 659        0        1        5        1        0        0        1        0
## 660        0        1        5        1        0        0        1        0
```

```
## 661      0      1      5      3      0      1      0      0
## 662      0      1      5      3      0      1      0      0
## 663      0      1      5      3      0      1      0      0
## 664      0      1      5      3      0      1      0      0
## 665      0      1      5      3      0      1      0      0
## 666      0      1      5      3      0      1      0      0
## 667      0      1      5      3      0      1      0      0
## 668      0      1      5      3      0      1      0      0
## 669      0      1      5      3      0      1      0      0
## 670      0      1      5      3      0      1      0      0
## 671      1      0      3      4      0      0      1      0
## 672      1      0      3      4      0      0      1      0
## 673      1      0      3      4      0      0      1      0
## 674      1      0      3      4      0      0      1      0
## 675      1      0      3      4      0      0      1      0
## 676      1      0      3      4      0      0      1      0
## 677      1      0      3      4      0      0      1      0
## 678      1      0      3      4      0      0      1      0
## 679      1      0      3      4      0      0      1      0
## 680      1      0      3      4      0      0      1      0
## 681      0      1      5      2      1      0      0      0
## 682      0      1      5      2      1      0      0      0
## 683      0      1      5      2      1      0      0      0
## 684      0      1      5      2      1      0      0      0
## 685      0      1      5      2      1      0      0      0
## 686      0      1      5      2      1      0      0      0
## 687      0      1      5      2      1      0      0      0
## 688      0      1      5      2      1      0      0      0
## 689      0      1      5      2      1      0      0      0
## 690      0      1      5      2      1      0      0      0
## 691      0      1      5      3      0      0      1      0
## 692      0      1      5      3      0      0      1      0
## 693      0      1      5      3      0      0      1      0
## 694      0      1      5      3      0      0      1      0
## 695      0      1      5      3      0      0      1      0
## 696      0      1      5      3      0      0      1      0
## 697      0      1      5      3      0      0      1      0
## 698      0      1      5      3      0      0      1      0
## 699      0      1      5      3      0      0      1      0
## 700      0      1      5      3      0      0      1      0
## 701      1      0      2      3      1      0      0      0
## 702      1      0      2      3      1      0      0      0
## 703      1      0      2      3      1      0      0      0
## 704      1      0      2      3      1      0      0      0
## 705      1      0      2      3      1      0      0      0
## 706      1      0      2      3      1      0      0      0
## 707      1      0      2      3      1      0      0      0
## 708      1      0      2      3      1      0      0      0
## 709      1      0      2      3      1      0      0      0
## 710      1      0      2      3      1      0      0      0
## 711      1      0      1      3      0      0      1      0
## 712      1      0      1      3      0      0      1      0
## 713      1      0      1      3      0      0      1      0
## 714      1      0      1      3      0      0      1      0
```

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```
## 715      1      0      1      3      0      0      1      0
## 716      1      0      1      3      0      0      1      0
## 717      1      0      1      3      0      0      1      0
## 718      1      0      1      3      0      0      1      0
## 719      1      0      1      3      0      0      1      0
## 720      1      0      1      3      0      0      1      0
## 721      1      0      1      5      0      0      1      0
## 722      1      0      1      5      0      0      1      0
## 723      1      0      1      5      0      0      1      0
## 724      1      0      1      5      0      0      1      0
## 725      1      0      1      5      0      0      1      0
## 726      1      0      1      5      0      0      1      0
## 727      1      0      1      5      0      0      1      0
## 728      1      0      1      5      0      0      1      0
## 729      1      0      1      5      0      0      1      0
## 730      1      0      1      5      0      0      1      0
## 731      0      0      4      3      1      0      0      0
## 732      0      0      4      3      1      0      0      0
## 733      0      0      4      3      1      0      0      0
## 734      0      0      4      3      1      0      0      0
## 735      0      0      4      3      1      0      0      0
## 736      0      0      4      3      1      0      0      0
## 737      0      0      4      3      1      0      0      0
## 738      0      0      4      3      1      0      0      0
## 739      0      0      4      3      1      0      0      0
## 740      0      0      4      3      1      0      0      0
## 741      1      0      1      4      0      0      1      0
## 742      1      0      1      4      0      0      1      0
## 743      1      0      1      4      0      0      1      0
## 744      1      0      1      4      0      0      1      0
## 745      1      0      1      4      0      0      1      0
## 746      1      0      1      4      0      0      1      0
## 747      1      0      1      4      0      0      1      0
## 748      1      0      1      4      0      0      1      0
## 749      1      0      1      4      0      0      1      0
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## 751      0      1      5      3      1      0      0      0
## 752      0      1      5      3      1      0      0      0
## 753      0      1      5      3      1      0      0      0
## 754      0      1      5      3      1      0      0      0
## 755      0      1      5      3      1      0      0      0
## 756      0      1      5      3      1      0      0      0
## 757      0      1      5      3      1      0      0      0
## 758      0      1      5      3      1      0      0      0
## 759      0      1      5      3      1      0      0      0
## 760      0      1      5      3      1      0      0      0
## 761      0      0      1      3      0      1      0      0
## 762      0      0      1      3      0      1      0      0
## 763      0      0      1      3      0      1      0      0
## 764      0      0      1      3      0      1      0      0
## 765      0      0      1      3      0      1      0      0
## 766      0      0      1      3      0      1      0      0
## 767      0      0      1      3      0      1      0      0
## 768      0      0      1      3      0      1      0      0
```

```
## 769      0      0      1      3      0      1      0      0
## 770      0      0      1      3      0      1      0      0
## 771      1      0      2      4      0      0      1      0
## 772      1      0      2      4      0      0      1      0
## 773      1      0      2      4      0      0      1      0
## 774      1      0      2      4      0      0      1      0
## 775      1      0      2      4      0      0      1      0
## 776      1      0      2      4      0      0      1      0
## 777      1      0      2      4      0      0      1      0
## 778      1      0      2      4      0      0      1      0
## 779      1      0      2      4      0      0      1      0
## 780      1      0      2      4      0      0      1      0
## 781      0      1      4      3      0      0      1      0
## 782      0      1      4      3      0      0      1      0
## 783      0      1      4      3      0      0      1      0
## 784      0      1      4      3      0      0      1      0
## 785      0      1      4      3      0      0      1      0
## 786      0      1      4      3      0      0      1      0
## 787      0      1      4      3      0      0      1      0
## 788      0      1      4      3      0      0      1      0
## 789      0      1      4      3      0      0      1      0
## 790      0      1      4      3      0      0      1      0
## 791      0      0      2      5      0      0      1      0
## 792      0      0      2      5      0      0      1      0
## 793      0      0      2      5      0      0      1      0
## 794      0      0      2      5      0      0      1      0
## 795      0      0      2      5      0      0      1      0
## 796      0      0      2      5      0      0      1      0
## 797      0      0      2      5      0      0      1      0
## 798      0      0      2      5      0      0      1      0
## 799      0      0      2      5      0      0      1      0
## 800      0      0      2      5      0      0      1      0
## 801      0      1      5      3      0      0      1      0
## 802      0      1      5      3      0      0      1      0
## 803      0      1      5      3      0      0      1      0
## 804      0      1      5      3      0      0      1      0
## 805      0      1      5      3      0      0      1      0
## 806      0      1      5      3      0      0      1      0
## 807      0      1      5      3      0      0      1      0
## 808      0      1      5      3      0      0      1      0
## 809      0      1      5      3      0      0      1      0
## 810      0      1      5      3      0      0      1      0
## 811      1      0      1      4      1      0      0      0
## 812      1      0      1      4      1      0      0      0
## 813      1      0      1      4      1      0      0      0
## 814      1      0      1      4      1      0      0      0
## 815      1      0      1      4      1      0      0      0
## 816      1      0      1      4      1      0      0      0
## 817      1      0      1      4      1      0      0      0
## 818      1      0      1      4      1      0      0      0
## 819      1      0      1      4      1      0      0      0
## 820      1      0      1      4      1      0      0      0
## 821      0      1      5      2      0      0      1      0
## 822      0      1      5      2      0      0      1      0
```

```
## 823        0        1        5        2        0        0        1        0
## 824        0        1        5        2        0        0        1        0
## 825        0        1        5        2        0        0        1        0
## 826        0        1        5        2        0        0        1        0
## 827        0        1        5        2        0        0        1        0
## 828        0        1        5        2        0        0        1        0
## 829        0        1        5        2        0        0        1        0
## 830        0        1        5        2        0        0        1        0
## 831        0        0        6        3        0        0        1        0
## 832        0        0        6        3        0        0        1        0
## 833        0        0        6        3        0        0        1        0
## 834        0        0        6        3        0        0        1        0
## 835        0        0        6        3        0        0        1        0
## 836        0        0        6        3        0        0        1        0
## 837        0        0        6        3        0        0        1        0
## 838        0        0        6        3        0        0        1        0
## 839        0        0        6        3        0        0        1        0
## 840        0        0        6        3        0        0        1        0
## 841        1        0        1        4        0        0        1        0
## 842        1        0        1        4        0        0        1        0
## 843        1        0        1        4        0        0        1        0
## 844        1        0        1        4        0        0        1        0
## 845        1        0        1        4        0        0        1        0
## 846        1        0        1        4        0        0        1        0
## 847        1        0        1        4        0        0        1        0
## 848        1        0        1        4        0        0        1        0
## 849        1        0        1        4        0        0        1        0
## 850        1        0        1        4        0        0        1        0
## 851        0        0        5        2        0        0        1        0
## 852        0        0        5        2        0        0        1        0
## 853        0        0        5        2        0        0        1        0
## 854        0        0        5        2        0        0        1        0
## 855        0        0        5        2        0        0        1        0
## 856        0        0        5        2        0        0        1        0
## 857        0        0        5        2        0        0        1        0
## 858        0        0        5        2        0        0        1        0
## 859        0        0        5        2        0        0        1        0
## 860        0        0        5        2        0        0        1        0
## 861        0        1        5        3        0        1        0        0
## 862        0        1        5        3        0        1        0        0
## 863        0        1        5        3        0        1        0        0
## 864        0        1        5        3        0        1        0        0
## 865        0        1        5        3        0        1        0        0
## 866        0        1        5        3        0        1        0        0
## 867        0        1        5        3        0        1        0        0
## 868        0        1        5        3        0        1        0        0
## 869        0        1        5        3        0        1        0        0
## 870        0        1        5        3        0        1        0        0
## 871        0        1        5        2        0        0        1        0
## 872        0        1        5        2        0        0        1        0
## 873        0        1        5        2        0        0        1        0
## 874        0        1        5        2        0        0        1        0
## 875        0        1        5        2        0        0        1        0
## 876        0        1        5        2        0        0        1        0
```

```
## 877     0     1     5     2     0     0     1     0
## 878     0     1     5     2     0     0     1     0
## 879     0     1     5     2     0     0     1     0
## 880     0     1     5     2     0     0     1     0
## 881     1     0     2     3     0     0     1     0
## 882     1     0     2     3     0     0     1     0
## 883     1     0     2     3     0     0     1     0
## 884     1     0     2     3     0     0     1     0
## 885     1     0     2     3     0     0     1     0
## 886     1     0     2     3     0     0     1     0
## 887     1     0     2     3     0     0     1     0
## 888     1     0     2     3     0     0     1     0
## 889     1     0     2     3     0     0     1     0
## 890     1     0     2     3     0     0     1     0
## 891     0     1     5     3     0     0     1     0
## 892     0     1     5     3     0     0     1     0
## 893     0     1     5     3     0     0     1     0
## 894     0     1     5     3     0     0     1     0
## 895     0     1     5     3     0     0     1     0
## 896     0     1     5     3     0     0     1     0
## 897     0     1     5     3     0     0     1     0
## 898     0     1     5     3     0     0     1     0
## 899     0     1     5     3     0     0     1     0
## 900     0     1     5     3     0     0     1     0
## 901     1     0     1     5     0     0     1     0
## 902     1     0     1     5     0     0     1     0
## 903     1     0     1     5     0     0     1     0
## 904     1     0     1     5     0     0     1     0
## 905     1     0     1     5     0     0     1     0
## 906     1     0     1     5     0     0     1     0
## 907     1     0     1     5     0     0     1     0
## 908     1     0     1     5     0     0     1     0
## 909     1     0     1     5     0     0     1     0
## 910     1     0     1     5     0     0     1     0
## 911     0     1     5     2     0     0     1     0
## 912     0     1     5     2     0     0     1     0
## 913     0     1     5     2     0     0     1     0
## 914     0     1     5     2     0     0     1     0
## 915     0     1     5     2     0     0     1     0
## 916     0     1     5     2     0     0     1     0
## 917     0     1     5     2     0     0     1     0
## 918     0     1     5     2     0     0     1     0
## 919     0     1     5     2     0     0     1     0
## 920     0     1     5     2     0     0     1     0
## 921     0     0     5     3     0     0     1     0
## 922     0     0     5     3     0     0     1     0
## 923     0     0     5     3     0     0     1     0
## 924     0     0     5     3     0     0     1     0
## 925     0     0     5     3     0     0     1     0
## 926     0     0     5     3     0     0     1     0
## 927     0     0     5     3     0     0     1     0
## 928     0     0     5     3     0     0     1     0
## 929     0     0     5     3     0     0     1     0
## 930     0     0     5     3     0     0     1     0
```

123

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## 931          1          0          1          3          1          0          0          0
## 932          1          0          1          3          1          0          0          0
## 933          1          0          1          3          1          0          0          0
## 934          1          0          1          3          1          0          0          0
## 935          1          0          1          3          1          0          0          0
## 936          1          0          1          3          1          0          0          0
## 937          1          0          1          3          1          0          0          0
## 938          1          0          1          3          1          0          0          0
## 939          1          0          1          3          1          0          0          0
## 940          1          0          1          3          1          0          0          0
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## 942          0          0          5          3          0          1          0          0
## 943          0          0          5          3          0          1          0          0
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## 945          0          0          5          3          0          1          0          0
## 946          0          0          5          3          0          1          0          0
## 947          0          0          5          3          0          1          0          0
## 948          0          0          5          3          0          1          0          0
## 949          0          0          5          3          0          1          0          0
## 950          0          0          5          3          0          1          0          0
## 951          0          1          5          3          0          1          0          0
## 952          0          1          5          3          0          1          0          0
## 953          0          1          5          3          0          1          0          0
## 954          0          1          5          3          0          1          0          0
## 955          0          1          5          3          0          1          0          0
## 956          0          1          5          3          0          1          0          0
## 957          0          1          5          3          0          1          0          0
## 958          0          1          5          3          0          1          0          0
## 959          0          1          5          3          0          1          0          0
## 960          0          1          5          3          0          1          0          0
## 961          0          1          4          3          1          0          0          0
## 962          0          1          4          3          1          0          0          0
## 963          0          1          4          3          1          0          0          0
## 964          0          1          4          3          1          0          0          0
## 965          0          1          4          3          1          0          0          0
## 966          0          1          4          3          1          0          0          0
## 967          0          1          4          3          1          0          0          0
## 968          0          1          4          3          1          0          0          0
## 969          0          1          4          3          1          0          0          0
## 970          0          1          4          3          1          0          0          0
## 971          0          1          5          2          0          1          0          0
## 972          0          1          5          2          0          1          0          0
## 973          0          1          5          2          0          1          0          0
## 974          0          1          5          2          0          1          0          0
## 975          0          1          5          2          0          1          0          0
## 976          0          1          5          2          0          1          0          0
## 977          0          1          5          2          0          1          0          0
## 978          0          1          5          2          0          1          0          0
## 979          0          1          5          2          0          1          0          0
## 980          0          1          5          2          0          1          0          0
## 981          1          0          1          4          0          0          1          0
## 982          1          0          1          4          0          0          1          0
## 983          1          0          1          4          0          0          1          0
## 984          1          0          1          4          0          0          1          0
```

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## 985       1       0       1       4       0       0       1       0
## 986       1       0       1       4       0       0       1       0
## 987       1       0       1       4       0       0       1       0
## 988       1       0       1       4       0       0       1       0
## 989       1       0       1       4       0       0       1       0
## 990       1       0       1       4       0       0       1       0
## 991       0       0       5       3       0       1       0       0
## 992       0       0       5       3       0       1       0       0
## 993       0       0       5       3       0       1       0       0
## 994       0       0       5       3       0       1       0       0
## 995       0       0       5       3       0       1       0       0
## 996       0       0       5       3       0       1       0       0
## 997       0       0       5       3       0       1       0       0
## 998       0       0       5       3       0       1       0       0
## 999       0       0       5       3       0       1       0       0
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## 1002      1       0       1       4       0       0       1       0
## 1003      1       0       1       4       0       0       1       0
## 1004      1       0       1       4       0       0       1       0
## 1005      1       0       1       4       0       0       1       0
## 1006      1       0       1       4       0       0       1       0
## 1007      1       0       1       4       0       0       1       0
## 1008      1       0       1       4       0       0       1       0
## 1009      1       0       1       4       0       0       1       0
## 1010      1       0       1       4       0       0       1       0
## 1011      0       0       5       3       0       1       0       0
## 1012      0       0       5       3       0       1       0       0
## 1013      0       0       5       3       0       1       0       0
## 1014      0       0       5       3       0       1       0       0
## 1015      0       0       5       3       0       1       0       0
## 1016      0       0       5       3       0       1       0       0
## 1017      0       0       5       3       0       1       0       0
## 1018      0       0       5       3       0       1       0       0
## 1019      0       0       5       3       0       1       0       0
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## 1021      0       0       3       3       0       1       0       0
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## 1023      0       0       3       3       0       1       0       0
## 1024      0       0       3       3       0       1       0       0
## 1025      0       0       3       3       0       1       0       0
## 1026      0       0       3       3       0       1       0       0
## 1027      0       0       3       3       0       1       0       0
## 1028      0       0       3       3       0       1       0       0
## 1029      0       0       3       3       0       1       0       0
## 1030      0       0       3       3       0       1       0       0
## 1031      0       1       5       2       0       0       1       0
## 1032      0       1       5       2       0       0       1       0
## 1033      0       1       5       2       0       0       1       0
## 1034      0       1       5       2       0       0       1       0
## 1035      0       1       5       2       0       0       1       0
## 1036      0       1       5       2       0       0       1       0
## 1037      0       1       5       2       0       0       1       0
## 1038      0       1       5       2       0       0       1       0
```

```
## 1039          0          1          5          2          0          0          1          0
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## 1042          1          0          1          4          0          1          0          0
## 1043          1          0          1          4          0          1          0          0
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## 1046          1          0          1          4          0          1          0          0
## 1047          1          0          1          4          0          1          0          0
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## 1056          1          0          2          3          0          0          1          0
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## 1059          1          0          2          3          0          0          1          0
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## 1062          1          0          3          3          0          0          1          0
## 1063          1          0          3          3          0          0          1          0
## 1064          1          0          3          3          0          0          1          0
## 1065          1          0          3          3          0          0          1          0
## 1066          1          0          3          3          0          0          1          0
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## 1074          0          1          5          3          0          1          0          0
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## 1076          0          1          5          3          0          1          0          0
## 1077          0          1          5          3          0          1          0          0
## 1078          0          1          5          3          0          1          0          0
## 1079          0          1          5          3          0          1          0          0
## 1080          0          1          5          3          0          1          0          0
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## 1082          0          1          1          5          0          0          1          0
## 1083          0          1          1          5          0          0          1          0
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## 1085          0          1          1          5          0          0          1          0
## 1086          0          1          1          5          0          0          1          0
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## 1088          0          1          1          5          0          0          1          0
## 1089          0          1          1          5          0          0          1          0
## 1090          0          1          1          5          0          0          1          0
## 1091          1          0          1          4          0          0          1          0
## 1092          1          0          1          4          0          0          1          0
```

```
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## 1094      1      0      1      4      0      0      1      0
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## 1096      1      0      1      4      0      0      1      0
## 1097      1      0      1      4      0      0      1      0
## 1098      1      0      1      4      0      0      1      0
## 1099      1      0      1      4      0      0      1      0
## 1100      1      0      1      4      0      0      1      0
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## 1102      0      0      3      3      0      0      1      0
## 1103      0      0      3      3      0      0      1      0
## 1104      0      0      3      3      0      0      1      0
## 1105      0      0      3      3      0      0      1      0
## 1106      0      0      3      3      0      0      1      0
## 1107      0      0      3      3      0      0      1      0
## 1108      0      0      3      3      0      0      1      0
## 1109      0      0      3      3      0      0      1      0
## 1110      0      0      3      3      0      0      1      0
## 1111      1      0      1      4      1      0      0      0
## 1112      1      0      1      4      1      0      0      0
## 1113      1      0      1      4      1      0      0      0
## 1114      1      0      1      4      1      0      0      0
## 1115      1      0      1      4      1      0      0      0
## 1116      1      0      1      4      1      0      0      0
## 1117      1      0      1      4      1      0      0      0
## 1118      1      0      1      4      1      0      0      0
## 1119      1      0      1      4      1      0      0      0
## 1120      1      0      1      4      1      0      0      0
## 1121      1      0      1      4      1      0      0      0
## 1122      1      0      1      4      1      0      0      0
## 1123      1      0      1      4      1      0      0      0
## 1124      1      0      1      4      1      0      0      0
## 1125      1      0      1      4      1      0      0      0
## 1126      1      0      1      4      1      0      0      0
## 1127      1      0      1      4      1      0      0      0
## 1128      1      0      1      4      1      0      0      0
## 1129      1      0      1      4      1      0      0      0
## 1130      1      0      1      4      1      0      0      0
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## 1132      0      0      5      1      0      0      1      0
## 1133      0      0      5      1      0      0      1      0
## 1134      0      0      5      1      0      0      1      0
## 1135      0      0      5      1      0      0      1      0
## 1136      0      0      5      1      0      0      1      0
## 1137      0      0      5      1      0      0      1      0
## 1138      0      0      5      1      0      0      1      0
## 1139      0      0      5      1      0      0      1      0
## 1140      0      0      5      1      0      0      1      0
## 1141      0      0      3      4      0      0      1      0
## 1142      0      0      3      4      0      0      1      0
## 1143      0      0      3      4      0      0      1      0
## 1144      0      0      3      4      0      0      1      0
## 1145      0      0      3      4      0      0      1      0
## 1146      0      0      3      4      0      0      1      0
```

```
## 1147      0      0      3      4      0      0      1      0
## 1148      0      0      3      4      0      0      1      0
## 1149      0      0      3      4      0      0      1      0
## 1150      0      0      3      4      0      0      1      0
## 1151      1      0      1      5      0      0      1      0
## 1152      1      0      1      5      0      0      1      0
## 1153      1      0      1      5      0      0      1      0
## 1154      1      0      1      5      0      0      1      0
## 1155      1      0      1      5      0      0      1      0
## 1156      1      0      1      5      0      0      1      0
## 1157      1      0      1      5      0      0      1      0
## 1158      1      0      1      5      0      0      1      0
## 1159      1      0      1      5      0      0      1      0
## 1160      1      0      1      5      0      0      1      0
## 1161      0      0      3      3      0      1      0      0
## 1162      0      0      3      3      0      1      0      0
## 1163      0      0      3      3      0      1      0      0
## 1164      0      0      3      3      0      1      0      0
## 1165      0      0      3      3      0      1      0      0
## 1166      0      0      3      3      0      1      0      0
## 1167      0      0      3      3      0      1      0      0
## 1168      0      0      3      3      0      1      0      0
## 1169      0      0      3      3      0      1      0      0
## 1170      0      0      3      3      0      1      0      0
## 1171      1      0      2      2      0      0      1      0
## 1172      1      0      2      2      0      0      1      0
## 1173      1      0      2      2      0      0      1      0
## 1174      1      0      2      2      0      0      1      0
## 1175      1      0      2      2      0      0      1      0
## 1176      1      0      2      2      0      0      1      0
## 1177      1      0      2      2      0      0      1      0
## 1178      1      0      2      2      0      0      1      0
## 1179      1      0      2      2      0      0      1      0
## 1180      1      0      2      2      0      0      1      0
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## 1182      1      0      3      3      0      1      0      0
## 1183      1      0      3      3      0      1      0      0
## 1184      1      0      3      3      0      1      0      0
## 1185      1      0      3      3      0      1      0      0
## 1186      1      0      3      3      0      1      0      0
## 1187      1      0      3      3      0      1      0      0
## 1188      1      0      3      3      0      1      0      0
## 1189      1      0      3      3      0      1      0      0
## 1190      1      0      3      3      0      1      0      0
## 1191      1      0      1      5      0      1      0      0
## 1192      1      0      1      5      0      1      0      0
## 1193      1      0      1      5      0      1      0      0
## 1194      1      0      1      5      0      1      0      0
## 1195      1      0      1      5      0      1      0      0
## 1196      1      0      1      5      0      1      0      0
## 1197      1      0      1      5      0      1      0      0
## 1198      1      0      1      5      0      1      0      0
## 1199      1      0      1      5      0      1      0      0
## 1200      1      0      1      5      0      1      0      0
```

```
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## 1204         0         0         3         3         0         0         1         0
## 1205         0         0         3         3         0         0         1         0
## 1206         0         0         3         3         0         0         1         0
## 1207         0         0         3         3         0         0         1         0
## 1208         0         0         3         3         0         0         1         0
## 1209         0         0         3         3         0         0         1         0
## 1210         0         0         3         3         0         0         1         0
## 1211         1         0         1         4         0         0         1         0
## 1212         1         0         1         4         0         0         1         0
## 1213         1         0         1         4         0         0         1         0
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## 1215         1         0         1         4         0         0         1         0
## 1216         1         0         1         4         0         0         1         0
## 1217         1         0         1         4         0         0         1         0
## 1218         1         0         1         4         0         0         1         0
## 1219         1         0         1         4         0         0         1         0
## 1220         1         0         1         4         0         0         1         0
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## 1222         0         0         6         3         1         0         0         0
## 1223         0         0         6         3         1         0         0         0
## 1224         0         0         6         3         1         0         0         0
## 1225         0         0         6         3         1         0         0         0
## 1226         0         0         6         3         1         0         0         0
## 1227         0         0         6         3         1         0         0         0
## 1228         0         0         6         3         1         0         0         0
## 1229         0         0         6         3         1         0         0         0
## 1230         0         0         6         3         1         0         0         0
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## 1232         0         1         5         2         0         1         0         0
## 1233         0         1         5         2         0         1         0         0
## 1234         0         1         5         2         0         1         0         0
## 1235         0         1         5         2         0         1         0         0
## 1236         0         1         5         2         0         1         0         0
## 1237         0         1         5         2         0         1         0         0
## 1238         0         1         5         2         0         1         0         0
## 1239         0         1         5         2         0         1         0         0
## 1240         0         1         5         2         0         1         0         0
## 1241         0         1         5         3         0         0         1         0
## 1242         0         1         5         3         0         0         1         0
## 1243         0         1         5         3         0         0         1         0
## 1244         0         1         5         3         0         0         1         0
## 1245         0         1         5         3         0         0         1         0
## 1246         0         1         5         3         0         0         1         0
## 1247         0         1         5         3         0         0         1         0
## 1248         0         1         5         3         0         0         1         0
## 1249         0         1         5         3         0         0         1         0
## 1250         0         1         5         3         0         0         1         0
## 1251         1         0         1         5         0         0         1         0
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## 1253         1         0         1         5         0         0         1         0
## 1254         1         0         1         5         0         0         1         0
```

```
## 1255         1         0         1         5         0         0         1         0
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## 1258         1         0         1         5         0         0         1         0
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## 1260         1         0         1         5         0         0         1         0
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## 1262         0         0         5         3         0         0         1         0
## 1263         0         0         5         3         0         0         1         0
## 1264         0         0         5         3         0         0         1         0
## 1265         0         0         5         3         0         0         1         0
## 1266         0         0         5         3         0         0         1         0
## 1267         0         0         5         3         0         0         1         0
## 1268         0         0         5         3         0         0         1         0
## 1269         0         0         5         3         0         0         1         0
## 1270         0         0         5         3         0         0         1         0
## 1271         1         0         1         4         1         0         0         0
## 1272         1         0         1         4         1         0         0         0
## 1273         1         0         1         4         1         0         0         0
## 1274         1         0         1         4         1         0         0         0
## 1275         1         0         1         4         1         0         0         0
## 1276         1         0         1         4         1         0         0         0
## 1277         1         0         1         4         1         0         0         0
## 1278         1         0         1         4         1         0         0         0
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## 1282         0         1         5         1         0         0         1         0
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## 1292         0         1         4         2         0         1         0         0
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## 1295         0         1         4         2         0         1         0         0
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## 1303         0         1         5         1         0         0         1         0
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## 1305         0         1         5         1         0         0         1         0
## 1306         0         1         5         1         0         0         1         0
## 1307         0         1         5         1         0         0         1         0
## 1308         0         1         5         1         0         0         1         0
```

```
## 1309        0        1        5        1        0        0        1        0
## 1310        0        1        5        1        0        0        1        0
## 1311        0        0        5        3        0        1        0        0
## 1312        0        0        5        3        0        1        0        0
## 1313        0        0        5        3        0        1        0        0
## 1314        0        0        5        3        0        1        0        0
## 1315        0        0        5        3        0        1        0        0
## 1316        0        0        5        3        0        1        0        0
## 1317        0        0        5        3        0        1        0        0
## 1318        0        0        5        3        0        1        0        0
## 1319        0        0        5        3        0        1        0        0
## 1320        0        0        5        3        0        1        0        0
## 1321        0        1        5        3        0        0        1        0
## 1322        0        1        5        3        0        0        1        0
## 1323        0        1        5        3        0        0        1        0
## 1324        0        1        5        3        0        0        1        0
## 1325        0        1        5        3        0        0        1        0
## 1326        0        1        5        3        0        0        1        0
## 1327        0        1        5        3        0        0        1        0
## 1328        0        1        5        3        0        0        1        0
## 1329        0        1        5        3        0        0        1        0
## 1330        0        1        5        3        0        0        1        0
## 1331        1        0        2        4        0        0        1        0
## 1332        1        0        2        4        0        0        1        0
## 1333        1        0        2        4        0        0        1        0
## 1334        1        0        2        4        0        0        1        0
## 1335        1        0        2        4        0        0        1        0
## 1336        1        0        2        4        0        0        1        0
## 1337        1        0        2        4        0        0        1        0
## 1338        1        0        2        4        0        0        1        0
## 1339        1        0        2        4        0        0        1        0
## 1340        1        0        2        4        0        0        1        0
## 1341        0        1        4        2        1        0        0        0
## 1342        0        1        4        2        1        0        0        0
## 1343        0        1        4        2        1        0        0        0
## 1344        0        1        4        2        1        0        0        0
## 1345        0        1        4        2        1        0        0        0
## 1346        0        1        4        2        1        0        0        0
## 1347        0        1        4        2        1        0        0        0
## 1348        0        1        4        2        1        0        0        0
## 1349        0        1        4        2        1        0        0        0
## 1350        0        1        4        2        1        0        0        0
## 1351        0        1        5        3        0        1        0        0
## 1352        0        1        5        3        0        1        0        0
## 1353        0        1        5        3        0        1        0        0
## 1354        0        1        5        3        0        1        0        0
## 1355        0        1        5        3        0        1        0        0
## 1356        0        1        5        3        0        1        0        0
## 1357        0        1        5        3        0        1        0        0
## 1358        0        1        5        3        0        1        0        0
## 1359        0        1        5        3        0        1        0        0
## 1360        0        1        5        3        0        1        0        0
## 1361        1        0        1        4        1        0        0        0
## 1362        1        0        1        4        1        0        0        0
```

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## 1363             1           0            1          4          1           0             0      0
## 1364             1           0            1          4          1           0             0      0
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## 1366             1           0            1          4          1           0             0      0
## 1367             1           0            1          4          1           0             0      0
## 1368             1           0            1          4          1           0             0      0
## 1369             1           0            1          4          1           0             0      0
## 1370             1           0            1          4          1           0             0      0
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## 1372             0           1            5          1          0           0             1      0
## 1373             0           1            5          1          0           0             1      0
## 1374             0           1            5          1          0           0             1      0
## 1375             0           1            5          1          0           0             1      0
## 1376             0           1            5          1          0           0             1      0
## 1377             0           1            5          1          0           0             1      0
## 1378             0           1            5          1          0           0             1      0
## 1379             0           1            5          1          0           0             1      0
## 1380             0           1            5          1          0           0             1      0
## 1381             1           0            1          3          1           0             0      0
## 1382             1           0            1          3          1           0             0      0
## 1383             1           0            1          3          1           0             0      0
## 1384             1           0            1          3          1           0             0      0
## 1385             1           0            1          3          1           0             0      0
## 1386             1           0            1          3          1           0             0      0
## 1387             1           0            1          3          1           0             0      0
## 1388             1           0            1          3          1           0             0      0
## 1389             1           0            1          3          1           0             0      0
## 1390             1           0            1          3          1           0             0      0
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## 1392             0           1            5          2          0           0             1      0
## 1393             0           1            5          2          0           0             1      0
## 1394             0           1            5          2          0           0             1      0
## 1395             0           1            5          2          0           0             1      0
## 1396             0           1            5          2          0           0             1      0
## 1397             0           1            5          2          0           0             1      0
## 1398             0           1            5          2          0           0             1      0
## 1399             0           1            5          2          0           0             1      0
## 1400             0           1            5          2          0           0             1      0
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## 1402             0           1            5          3          0           0             1      0
## 1403             0           1            5          3          0           0             1      0
## 1404             0           1            5          3          0           0             1      0
## 1405             0           1            5          3          0           0             1      0
## 1406             0           1            5          3          0           0             1      0
## 1407             0           1            5          3          0           0             1      0
## 1408             0           1            5          3          0           0             1      0
## 1409             0           1            5          3          0           0             1      0
## 1410             0           1            5          3          0           0             1      0
## 1411             0           1            5          1          0           1             0      0
## 1412             0           1            5          1          0           1             0      0
## 1413             0           1            5          1          0           1             0      0
## 1414             0           1            5          1          0           1             0      0
## 1415             0           1            5          1          0           1             0      0
## 1416             0           1            5          1          0           1             0      0
```

```
## 1417        0        1        5        1        0        1        0        0
## 1418        0        1        5        1        0        1        0        0
## 1419        0        1        5        1        0        1        0        0
## 1420        0        1        5        1        0        1        0        0
## 1421        0        1        5        2        0        1        0        0
## 1422        0        1        5        2        0        1        0        0
## 1423        0        1        5        2        0        1        0        0
## 1424        0        1        5        2        0        1        0        0
## 1425        0        1        5        2        0        1        0        0
## 1426        0        1        5        2        0        1        0        0
## 1427        0        1        5        2        0        1        0        0
## 1428        0        1        5        2        0        1        0        0
## 1429        0        1        5        2        0        1        0        0
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## 1432        0        0        4        4        0        0        1        0
## 1433        0        0        4        4        0        0        1        0
## 1434        0        0        4        4        0        0        1        0
## 1435        0        0        4        4        0        0        1        0
## 1436        0        0        4        4        0        0        1        0
## 1437        0        0        4        4        0        0        1        0
## 1438        0        0        4        4        0        0        1        0
## 1439        0        0        4        4        0        0        1        0
## 1440        0        0        4        4        0        0        1        0
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## 1442        0        1        5        3        1        0        0        0
## 1443        0        1        5        3        1        0        0        0
## 1444        0        1        5        3        1        0        0        0
## 1445        0        1        5        3        1        0        0        0
## 1446        0        1        5        3        1        0        0        0
## 1447        0        1        5        3        1        0        0        0
## 1448        0        1        5        3        1        0        0        0
## 1449        0        1        5        3        1        0        0        0
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## 1452        1        0        1        5        1        0        0        0
## 1453        1        0        1        5        1        0        0        0
## 1454        1        0        1        5        1        0        0        0
## 1455        1        0        1        5        1        0        0        0
## 1456        1        0        1        5        1        0        0        0
## 1457        1        0        1        5        1        0        0        0
## 1458        1        0        1        5        1        0        0        0
## 1459        1        0        1        5        1        0        0        0
## 1460        1        0        1        5        1        0        0        0
## 1461        0        0        2        4        0        0        1        0
## 1462        0        0        2        4        0        0        1        0
## 1463        0        0        2        4        0        0        1        0
## 1464        0        0        2        4        0        0        1        0
## 1465        0        0        2        4        0        0        1        0
## 1466        0        0        2        4        0        0        1        0
## 1467        0        0        2        4        0        0        1        0
## 1468        0        0        2        4        0        0        1        0
## 1469        0        0        2        4        0        0        1        0
## 1470        0        0        2        4        0        0        1        0
```

```
## 1471        0        1        5        3        0        0        1        0
## 1472        0        1        5        3        0        0        1        0
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## 1474        0        1        5        3        0        0        1        0
## 1475        0        1        5        3        0        0        1        0
## 1476        0        1        5        3        0        0        1        0
## 1477        0        1        5        3        0        0        1        0
## 1478        0        1        5        3        0        0        1        0
## 1479        0        1        5        3        0        0        1        0
## 1480        0        1        5        3        0        0        1        0
## 1481        1        0        2        4        1        0        0        0
## 1482        1        0        2        4        1        0        0        0
## 1483        1        0        2        4        1        0        0        0
## 1484        1        0        2        4        1        0        0        0
## 1485        1        0        2        4        1        0        0        0
## 1486        1        0        2        4        1        0        0        0
## 1487        1        0        2        4        1        0        0        0
## 1488        1        0        2        4        1        0        0        0
## 1489        1        0        2        4        1        0        0        0
## 1490        1        0        2        4        1        0        0        0
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## 1492        0        1        5        1        0        1        0        0
## 1493        0        1        5        1        0        1        0        0
## 1494        0        1        5        1        0        1        0        0
## 1495        0        1        5        1        0        1        0        0
## 1496        0        1        5        1        0        1        0        0
## 1497        0        1        5        1        0        1        0        0
## 1498        0        1        5        1        0        1        0        0
## 1499        0        1        5        1        0        1        0        0
## 1500        0        1        5        1        0        1        0        0
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## 1502        0        1        4        2        0        1        0        0
## 1503        0        1        4        2        0        1        0        0
## 1504        0        1        4        2        0        1        0        0
## 1505        0        1        4        2        0        1        0        0
## 1506        0        1        4        2        0        1        0        0
## 1507        0        1        4        2        0        1        0        0
## 1508        0        1        4        2        0        1        0        0
## 1509        0        1        4        2        0        1        0        0
## 1510        0        1        4        2        0        1        0        0
## 1511        1        0        1        5        1        0        0        0
## 1512        1        0        1        5        1        0        0        0
## 1513        1        0        1        5        1        0        0        0
## 1514        1        0        1        5        1        0        0        0
## 1515        1        0        1        5        1        0        0        0
## 1516        1        0        1        5        1        0        0        0
## 1517        1        0        1        5        1        0        0        0
## 1518        1        0        1        5        1        0        0        0
## 1519        1        0        1        5        1        0        0        0
## 1520        1        0        1        5        1        0        0        0
## 1521        0        1        5        3        0        0        1        0
## 1522        0        1        5        3        0        0        1        0
## 1523        0        1        5        3        0        0        1        0
## 1524        0        1        5        3        0        0        1        0
```

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## 1525          0          1          5          3          0          0          1          0
## 1526          0          1          5          3          0          0          1          0
## 1527          0          1          5          3          0          0          1          0
## 1528          0          1          5          3          0          0          1          0
## 1529          0          1          5          3          0          0          1          0
## 1530          0          1          5          3          0          0          1          0
## 1531          0          1          5          3          0          0          1          0
## 1532          0          1          5          3          0          0          1          0
## 1533          0          1          5          3          0          0          1          0
## 1534          0          1          5          3          0          0          1          0
## 1535          0          1          5          3          0          0          1          0
## 1536          0          1          5          3          0          0          1          0
## 1537          0          1          5          3          0          0          1          0
## 1538          0          1          5          3          0          0          1          0
## 1539          0          1          5          3          0          0          1          0
## 1540          0          1          5          3          0          0          1          0
## 1541          0          1          5          4          0          0          1          0
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## 1545          0          1          5          4          0          0          1          0
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## 1547          0          1          5          4          0          0          1          0
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## 1559          0          0          6          5          1          0          0          0
## 1560          0          0          6          5          1          0          0          0
## 1561          0          1          5          3          1          0          0          0
## 1562          0          1          5          3          1          0          0          0
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## 1567          0          1          5          3          1          0          0          0
## 1568          0          1          5          3          1          0          0          0
## 1569          0          1          5          3          1          0          0          0
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## 1572          0          1          5          1          0          0          1          0
## 1573          0          1          5          1          0          0          1          0
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## 1576          0          1          5          1          0          0          1          0
## 1577          0          1          5          1          0          0          1          0
## 1578          0          1          5          1          0          0          1          0
```

```
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## 1582      1        0        1        4        0        1        0        0
## 1583      1        0        1        4        0        1        0        0
## 1584      1        0        1        4        0        1        0        0
## 1585      1        0        1        4        0        1        0        0
## 1586      1        0        1        4        0        1        0        0
## 1587      1        0        1        4        0        1        0        0
## 1588      1        0        1        4        0        1        0        0
## 1589      1        0        1        4        0        1        0        0
## 1590      1        0        1        4        0        1        0        0
## 1591      0        1        4        5        0        0        1        0
## 1592      0        1        4        5        0        0        1        0
## 1593      0        1        4        5        0        0        1        0
## 1594      0        1        4        5        0        0        1        0
## 1595      0        1        4        5        0        0        1        0
## 1596      0        1        4        5        0        0        1        0
## 1597      0        1        4        5        0        0        1        0
## 1598      0        1        4        5        0        0        1        0
## 1599      0        1        4        5        0        0        1        0
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## 1602      1        0        1        5        0        0        1        0
## 1603      1        0        1        5        0        0        1        0
## 1604      1        0        1        5        0        0        1        0
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## 1608      1        0        1        5        0        0        1        0
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## 1612      1        0        2        3        1        0        0        0
## 1613      1        0        2        3        1        0        0        0
## 1614      1        0        2        3        1        0        0        0
## 1615      1        0        2        3        1        0        0        0
## 1616      1        0        2        3        1        0        0        0
## 1617      1        0        2        3        1        0        0        0
## 1618      1        0        2        3        1        0        0        0
## 1619      1        0        2        3        1        0        0        0
## 1620      1        0        2        3        1        0        0        0
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## 1622      0        0        5        2        0        1        0        0
## 1623      0        0        5        2        0        1        0        0
## 1624      0        0        5        2        0        1        0        0
## 1625      0        0        5        2        0        1        0        0
## 1626      0        0        5        2        0        1        0        0
## 1627      0        0        5        2        0        1        0        0
## 1628      0        0        5        2        0        1        0        0
## 1629      0        0        5        2        0        1        0        0
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## 1631      0        1        6        2        1        0        0        0
## 1632      0        1        6        2        1        0        0        0
```

```
## 1633           0           1           6           2           1           0           0           0
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## 1636           0           1           6           2           1           0           0           0
## 1637           0           1           6           2           1           0           0           0
## 1638           0           1           6           2           1           0           0           0
## 1639           0           1           6           2           1           0           0           0
## 1640           0           1           6           2           1           0           0           0
## 1641           0           0           5           5           0           0           1           0
## 1642           0           0           5           5           0           0           1           0
## 1643           0           0           5           5           0           0           1           0
## 1644           0           0           5           5           0           0           1           0
## 1645           0           0           5           5           0           0           1           0
## 1646           0           0           5           5           0           0           1           0
## 1647           0           0           5           5           0           0           1           0
## 1648           0           0           5           5           0           0           1           0
## 1649           0           0           5           5           0           0           1           0
## 1650           0           0           5           5           0           0           1           0
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## 1652           0           1           5           1           0           1           0           0
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## 1662           1           0           1           4           0           1           0           0
## 1663           1           0           1           4           0           1           0           0
## 1664           1           0           1           4           0           1           0           0
## 1665           1           0           1           4           0           1           0           0
## 1666           1           0           1           4           0           1           0           0
## 1667           1           0           1           4           0           1           0           0
## 1668           1           0           1           4           0           1           0           0
## 1669           1           0           1           4           0           1           0           0
## 1670           1           0           1           4           0           1           0           0
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## 1675           0           0           5           3           0           0           1           0
## 1676           0           0           5           3           0           0           1           0
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## 1686           0           0           3           3           0           0           1           0
```

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## 1687           0           0           3           3           0           0           1           0
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## 1690           0           0           3           3           0           0           1           0
## 1691           0           0           4           4           0           0           1           0
## 1692           0           0           4           4           0           0           1           0
## 1693           0           0           4           4           0           0           1           0
## 1694           0           0           4           4           0           0           1           0
## 1695           0           0           4           4           0           0           1           0
## 1696           0           0           4           4           0           0           1           0
## 1697           0           0           4           4           0           0           1           0
## 1698           0           0           4           4           0           0           1           0
## 1699           0           0           4           4           0           0           1           0
## 1700           0           0           4           4           0           0           1           0
## 1701           0           0           5           2           0           0           1           0
## 1702           0           0           5           2           0           0           1           0
## 1703           0           0           5           2           0           0           1           0
## 1704           0           0           5           2           0           0           1           0
## 1705           0           0           5           2           0           0           1           0
## 1706           0           0           5           2           0           0           1           0
## 1707           0           0           5           2           0           0           1           0
## 1708           0           0           5           2           0           0           1           0
## 1709           0           0           5           2           0           0           1           0
## 1710           0           0           5           2           0           0           1           0
## 1711           0           0           2           3           0           0           1           0
## 1712           0           0           2           3           0           0           1           0
## 1713           0           0           2           3           0           0           1           0
## 1714           0           0           2           3           0           0           1           0
## 1715           0           0           2           3           0           0           1           0
## 1716           0           0           2           3           0           0           1           0
## 1717           0           0           2           3           0           0           1           0
## 1718           0           0           2           3           0           0           1           0
## 1719           0           0           2           3           0           0           1           0
## 1720           0           0           2           3           0           0           1           0
## 1721           0           0           2           3           0           1           0           0
## 1722           0           0           2           3           0           1           0           0
## 1723           0           0           2           3           0           1           0           0
## 1724           0           0           2           3           0           1           0           0
## 1725           0           0           2           3           0           1           0           0
## 1726           0           0           2           3           0           1           0           0
## 1727           0           0           2           3           0           1           0           0
## 1728           0           0           2           3           0           1           0           0
## 1729           0           0           2           3           0           1           0           0
## 1730           0           0           2           3           0           1           0           0
## 1731           1           0           1           4           0           1           0           0
## 1732           1           0           1           4           0           1           0           0
## 1733           1           0           1           4           0           1           0           0
## 1734           1           0           1           4           0           1           0           0
## 1735           1           0           1           4           0           1           0           0
## 1736           1           0           1           4           0           1           0           0
## 1737           1           0           1           4           0           1           0           0
## 1738           1           0           1           4           0           1           0           0
## 1739           1           0           1           4           0           1           0           0
## 1740           1           0           1           4           0           1           0           0
```

```
## 1741         0         1         5         3         0         0         1         0
## 1742         0         1         5         3         0         0         1         0
## 1743         0         1         5         3         0         0         1         0
## 1744         0         1         5         3         0         0         1         0
## 1745         0         1         5         3         0         0         1         0
## 1746         0         1         5         3         0         0         1         0
## 1747         0         1         5         3         0         0         1         0
## 1748         0         1         5         3         0         0         1         0
## 1749         0         1         5         3         0         0         1         0
## 1750         0         1         5         3         0         0         1         0
## 1751         0         1         5         3         0         0         1         0
## 1752         0         1         5         3         0         0         1         0
## 1753         0         1         5         3         0         0         1         0
## 1754         0         1         5         3         0         0         1         0
## 1755         0         1         5         3         0         0         1         0
## 1756         0         1         5         3         0         0         1         0
## 1757         0         1         5         3         0         0         1         0
## 1758         0         1         5         3         0         0         1         0
## 1759         0         1         5         3         0         0         1         0
## 1760         0         1         5         3         0         0         1         0
## 1761         0         1         5         1         1         0         0         0
## 1762         0         1         5         1         1         0         0         0
## 1763         0         1         5         1         1         0         0         0
## 1764         0         1         5         1         1         0         0         0
## 1765         0         1         5         1         1         0         0         0
## 1766         0         1         5         1         1         0         0         0
## 1767         0         1         5         1         1         0         0         0
## 1768         0         1         5         1         1         0         0         0
## 1769         0         1         5         1         1         0         0         0
## 1770         0         1         5         1         1         0         0         0
## 1771         0         1         5         2         0         0         1         0
## 1772         0         1         5         2         0         0         1         0
## 1773         0         1         5         2         0         0         1         0
## 1774         0         1         5         2         0         0         1         0
## 1775         0         1         5         2         0         0         1         0
## 1776         0         1         5         2         0         0         1         0
## 1777         0         1         5         2         0         0         1         0
## 1778         0         1         5         2         0         0         1         0
## 1779         0         1         5         2         0         0         1         0
## 1780         0         1         5         2         0         0         1         0
## 1781         0         1         5         3         0         1         0         0
## 1782         0         1         5         3         0         1         0         0
## 1783         0         1         5         3         0         1         0         0
## 1784         0         1         5         3         0         1         0         0
## 1785         0         1         5         3         0         1         0         0
## 1786         0         1         5         3         0         1         0         0
## 1787         0         1         5         3         0         1         0         0
## 1788         0         1         5         3         0         1         0         0
## 1789         0         1         5         3         0         1         0         0
## 1790         0         1         5         3         0         1         0         0
## 1791         0         1         5         3         1         0         0         0
## 1792         0         1         5         3         1         0         0         0
## 1793         0         1         5         3         1         0         0         0
## 1794         0         1         5         3         1         0         0         0
```

## 1795	0	1	5	3	1	0	0	0
## 1796	0	1	5	3	1	0	0	0
## 1797	0	1	5	3	1	0	0	0
## 1798	0	1	5	3	1	0	0	0
## 1799	0	1	5	3	1	0	0	0
## 1800	0	1	5	3	1	0	0	0
## 1801	1	0	1	5	0	0	1	0
## 1802	1	0	1	5	0	0	1	0
## 1803	1	0	1	5	0	0	1	0
## 1804	1	0	1	5	0	0	1	0
## 1805	1	0	1	5	0	0	1	0
## 1806	1	0	1	5	0	0	1	0
## 1807	1	0	1	5	0	0	1	0
## 1808	1	0	1	5	0	0	1	0
## 1809	1	0	1	5	0	0	1	0
## 1810	1	0	1	5	0	0	1	0
## 1811	1	0	2	4	0	0	1	0
## 1812	1	0	2	4	0	0	1	0
## 1813	1	0	2	4	0	0	1	0
## 1814	1	0	2	4	0	0	1	0
## 1815	1	0	2	4	0	0	1	0
## 1816	1	0	2	4	0	0	1	0
## 1817	1	0	2	4	0	0	1	0
## 1818	1	0	2	4	0	0	1	0
## 1819	1	0	2	4	0	0	1	0
## 1820	1	0	2	4	0	0	1	0
## 1821	0	1	5	1	0	1	0	0
## 1822	0	1	5	1	0	1	0	0
## 1823	0	1	5	1	0	1	0	0
## 1824	0	1	5	1	0	1	0	0
## 1825	0	1	5	1	0	1	0	0
## 1826	0	1	5	1	0	1	0	0
## 1827	0	1	5	1	0	1	0	0
## 1828	0	1	5	1	0	1	0	0
## 1829	0	1	5	1	0	1	0	0
## 1830	0	1	5	1	0	1	0	0
## 1831	0	1	5	2	0	1	0	0
## 1832	0	1	5	2	0	1	0	0
## 1833	0	1	5	2	0	1	0	0
## 1834	0	1	5	2	0	1	0	0
## 1835	0	1	5	2	0	1	0	0
## 1836	0	1	5	2	0	1	0	0
## 1837	0	1	5	2	0	1	0	0
## 1838	0	1	5	2	0	1	0	0
## 1839	0	1	5	2	0	1	0	0
## 1840	0	1	5	2	0	1	0	0
## 1841	0	1	5	2	0	0	1	0
## 1842	0	1	5	2	0	0	1	0
## 1843	0	1	5	2	0	0	1	0
## 1844	0	1	5	2	0	0	1	0
## 1845	0	1	5	2	0	0	1	0
## 1846	0	1	5	2	0	0	1	0
## 1847	0	1	5	2	0	0	1	0
## 1848	0	1	5	2	0	0	1	0

```
## 1849           0           1           5           2           0           0           1           0
## 1850           0           1           5           2           0           0           1           0
## 1851           0           1           2           3           0           0           1           0
## 1852           0           1           2           3           0           0           1           0
## 1853           0           1           2           3           0           0           1           0
## 1854           0           1           2           3           0           0           1           0
## 1855           0           1           2           3           0           0           1           0
## 1856           0           1           2           3           0           0           1           0
## 1857           0           1           2           3           0           0           1           0
## 1858           0           1           2           3           0           0           1           0
## 1859           0           1           2           3           0           0           1           0
## 1860           0           1           2           3           0           0           1           0
## 1861           0           1           5           2           0           1           0           0
## 1862           0           1           5           2           0           1           0           0
## 1863           0           1           5           2           0           1           0           0
## 1864           0           1           5           2           0           1           0           0
## 1865           0           1           5           2           0           1           0           0
## 1866           0           1           5           2           0           1           0           0
## 1867           0           1           5           2           0           1           0           0
## 1868           0           1           5           2           0           1           0           0
## 1869           0           1           5           2           0           1           0           0
## 1870           0           1           5           2           0           1           0           0
## 1871           1           0           2           4           1           0           0           0
## 1872           1           0           2           4           1           0           0           0
## 1873           1           0           2           4           1           0           0           0
## 1874           1           0           2           4           1           0           0           0
## 1875           1           0           2           4           1           0           0           0
## 1876           1           0           2           4           1           0           0           0
## 1877           1           0           2           4           1           0           0           0
## 1878           1           0           2           4           1           0           0           0
## 1879           1           0           2           4           1           0           0           0
## 1880           1           0           2           4           1           0           0           0
## 1881           0           0           3           3           0           0           1           0
## 1882           0           0           3           3           0           0           1           0
## 1883           0           0           3           3           0           0           1           0
## 1884           0           0           3           3           0           0           1           0
## 1885           0           0           3           3           0           0           1           0
## 1886           0           0           3           3           0           0           1           0
## 1887           0           0           3           3           0           0           1           0
## 1888           0           0           3           3           0           0           1           0
## 1889           0           0           3           3           0           0           1           0
## 1890           0           0           3           3           0           0           1           0
## 1891           1           0           2           5           1           0           0           0
## 1892           1           0           2           5           1           0           0           0
## 1893           1           0           2           5           1           0           0           0
## 1894           1           0           2           5           1           0           0           0
## 1895           1           0           2           5           1           0           0           0
## 1896           1           0           2           5           1           0           0           0
## 1897           1           0           2           5           1           0           0           0
## 1898           1           0           2           5           1           0           0           0
## 1899           1           0           2           5           1           0           0           0
## 1900           1           0           2           5           1           0           0           0
## 1901           0           1           4           3           1           0           0           0
## 1902           0           1           4           3           1           0           0           0
```

```
## 1903        0        1        4        3        1        0        0        0
## 1904        0        1        4        3        1        0        0        0
## 1905        0        1        4        3        1        0        0        0
## 1906        0        1        4        3        1        0        0        0
## 1907        0        1        4        3        1        0        0        0
## 1908        0        1        4        3        1        0        0        0
## 1909        0        1        4        3        1        0        0        0
## 1910        0        1        4        3        1        0        0        0
## 1911        1        0        1        5        0        0        1        0
## 1912        1        0        1        5        0        0        1        0
## 1913        1        0        1        5        0        0        1        0
## 1914        1        0        1        5        0        0        1        0
## 1915        1        0        1        5        0        0        1        0
## 1916        1        0        1        5        0        0        1        0
## 1917        1        0        1        5        0        0        1        0
## 1918        1        0        1        5        0        0        1        0
## 1919        1        0        1        5        0        0        1        0
## 1920        1        0        1        5        0        0        1        0
## 1921        0        1        5        3        0        1        0        0
## 1922        0        1        5        3        0        1        0        0
## 1923        0        1        5        3        0        1        0        0
## 1924        0        1        5        3        0        1        0        0
## 1925        0        1        5        3        0        1        0        0
## 1926        0        1        5        3        0        1        0        0
## 1927        0        1        5        3        0        1        0        0
## 1928        0        1        5        3        0        1        0        0
## 1929        0        1        5        3        0        1        0        0
## 1930        0        1        5        3        0        1        0        0
## 1931        0        1        3        3        0        1        0        0
## 1932        0        1        3        3        0        1        0        0
## 1933        0        1        3        3        0        1        0        0
## 1934        0        1        3        3        0        1        0        0
## 1935        0        1        3        3        0        1        0        0
## 1936        0        1        3        3        0        1        0        0
## 1937        0        1        3        3        0        1        0        0
## 1938        0        1        3        3        0        1        0        0
## 1939        0        1        3        3        0        1        0        0
## 1940        0        1        3        3        0        1        0        0
## 1941        0        1        5        1        0        0        1        0
## 1942        0        1        5        1        0        0        1        0
## 1943        0        1        5        1        0        0        1        0
## 1944        0        1        5        1        0        0        1        0
## 1945        0        1        5        1        0        0        1        0
## 1946        0        1        5        1        0        0        1        0
## 1947        0        1        5        1        0        0        1        0
## 1948        0        1        5        1        0        0        1        0
## 1949        0        1        5        1        0        0        1        0
## 1950        0        1        5        1        0        0        1        0
## 1951        1        0        1        4        1        0        0        0
## 1952        1        0        1        4        1        0        0        0
## 1953        1        0        1        4        1        0        0        0
## 1954        1        0        1        4        1        0        0        0
## 1955        1        0        1        4        1        0        0        0
## 1956        1        0        1        4        1        0        0        0
```

```
## 1957        1        0        1     4     1        0        0     0
## 1958        1        0        1     4     1        0        0     0
## 1959        1        0        1     4     1        0        0     0
## 1960        1        0        1     4     1        0        0     0
## 1961        0        1        4     3     0        0        1     0
## 1962        0        1        4     3     0        0        1     0
## 1963        0        1        4     3     0        0        1     0
## 1964        0        1        4     3     0        0        1     0
## 1965        0        1        4     3     0        0        1     0
## 1966        0        1        4     3     0        0        1     0
## 1967        0        1        4     3     0        0        1     0
## 1968        0        1        4     3     0        0        1     0
## 1969        0        1        4     3     0        0        1     0
## 1970        0        1        4     3     0        0        1     0
## 1971        1        0        1     4     0        0        1     0
## 1972        1        0        1     4     0        0        1     0
## 1973        1        0        1     4     0        0        1     0
## 1974        1        0        1     4     0        0        1     0
## 1975        1        0        1     4     0        0        1     0
## 1976        1        0        1     4     0        0        1     0
## 1977        1        0        1     4     0        0        1     0
## 1978        1        0        1     4     0        0        1     0
## 1979        1        0        1     4     0        0        1     0
## 1980        1        0        1     4     0        0        1     0
## 1981        1        0        2     3     0        1        0     0
## 1982        1        0        2     3     0        1        0     0
## 1983        1        0        2     3     0        1        0     0
## 1984        1        0        2     3     0        1        0     0
## 1985        1        0        2     3     0        1        0     0
## 1986        1        0        2     3     0        1        0     0
## 1987        1        0        2     3     0        1        0     0
## 1988        1        0        2     3     0        1        0     0
## 1989        1        0        2     3     0        1        0     0
## 1990        1        0        2     3     0        1        0     0
## 1991        0        1        5     1     0        0        1     0
## 1992        0        1        5     1     0        0        1     0
## 1993        0        1        5     1     0        0        1     0
## 1994        0        1        5     1     0        0        1     0
## 1995        0        1        5     1     0        0        1     0
## 1996        0        1        5     1     0        0        1     0
## 1997        0        1        5     1     0        0        1     0
## 1998        0        1        5     1     0        0        1     0
## 1999        0        1        5     1     0        0        1     0
## 2000        0        1        5     1     0        0        1     0
## 2001        1        0        4     3     0        0        1     0
## 2002        1        0        4     3     0        0        1     0
## 2003        1        0        4     3     0        0        1     0
## 2004        1        0        4     3     0        0        1     0
## 2005        1        0        4     3     0        0        1     0
## 2006        1        0        4     3     0        0        1     0
## 2007        1        0        4     3     0        0        1     0
## 2008        1        0        4     3     0        0        1     0
## 2009        1        0        4     3     0        0        1     0
## 2010        1        0        4     3     0        0        1     0
```

## 2011	1	0	2	4	0	0	1	0
## 2012	1	0	2	4	0	0	1	0
## 2013	1	0	2	4	0	0	1	0
## 2014	1	0	2	4	0	0	1	0
## 2015	1	0	2	4	0	0	1	0
## 2016	1	0	2	4	0	0	1	0
## 2017	1	0	2	4	0	0	1	0
## 2018	1	0	2	4	0	0	1	0
## 2019	1	0	2	4	0	0	1	0
## 2020	1	0	2	4	0	0	1	0
## 2021	0	1	5	2	1	0	0	0
## 2022	0	1	5	2	1	0	0	0
## 2023	0	1	5	2	1	0	0	0
## 2024	0	1	5	2	1	0	0	0
## 2025	0	1	5	2	1	0	0	0
## 2026	0	1	5	2	1	0	0	0
## 2027	0	1	5	2	1	0	0	0
## 2028	0	1	5	2	1	0	0	0
## 2029	0	1	5	2	1	0	0	0
## 2030	0	1	5	2	1	0	0	0
## 2031	0	0	5	2	0	0	1	0
## 2032	0	0	5	2	0	0	1	0
## 2033	0	0	5	2	0	0	1	0
## 2034	0	0	5	2	0	0	1	0
## 2035	0	0	5	2	0	0	1	0
## 2036	0	0	5	2	0	0	1	0
## 2037	0	0	5	2	0	0	1	0
## 2038	0	0	5	2	0	0	1	0
## 2039	0	0	5	2	0	0	1	0
## 2040	0	0	5	2	0	0	1	0
## 2041	0	0	5	3	0	1	0	0
## 2042	0	0	5	3	0	1	0	0
## 2043	0	0	5	3	0	1	0	0
## 2044	0	0	5	3	0	1	0	0
## 2045	0	0	5	3	0	1	0	0
## 2046	0	0	5	3	0	1	0	0
## 2047	0	0	5	3	0	1	0	0
## 2048	0	0	5	3	0	1	0	0
## 2049	0	0	5	3	0	1	0	0
## 2050	0	0	5	3	0	1	0	0
## 2051	1	0	8	5	0	0	1	0
## 2052	1	0	8	5	0	0	1	0
## 2053	1	0	8	5	0	0	1	0
## 2054	1	0	8	5	0	0	1	0
## 2055	1	0	8	5	0	0	1	0
## 2056	1	0	8	5	0	0	1	0
## 2057	1	0	8	5	0	0	1	0
## 2058	1	0	8	5	0	0	1	0
## 2059	1	0	8	5	0	0	1	0
## 2060	1	0	8	5	0	0	1	0
## 2061	1	0	4	3	0	0	1	0
## 2062	1	0	4	3	0	0	1	0
## 2063	1	0	4	3	0	0	1	0
## 2064	1	0	4	3	0	0	1	0

```
## 2065          1          0          4          3          0          0          1          0
## 2066          1          0          4          3          0          0          1          0
## 2067          1          0          4          3          0          0          1          0
## 2068          1          0          4          3          0          0          1          0
## 2069          1          0          4          3          0          0          1          0
## 2070          1          0          4          3          0          0          1          0
## 2071          0          1          2          4          0          0          1          0
## 2072          0          1          2          4          0          0          1          0
## 2073          0          1          2          4          0          0          1          0
## 2074          0          1          2          4          0          0          1          0
## 2075          0          1          2          4          0          0          1          0
## 2076          0          1          2          4          0          0          1          0
## 2077          0          1          2          4          0          0          1          0
## 2078          0          1          2          4          0          0          1          0
## 2079          0          1          2          4          0          0          1          0
## 2080          0          1          2          4          0          0          1          0
## 2081          0          1          4          3          0          1          0          0
## 2082          0          1          4          3          0          1          0          0
## 2083          0          1          4          3          0          1          0          0
## 2084          0          1          4          3          0          1          0          0
## 2085          0          1          4          3          0          1          0          0
## 2086          0          1          4          3          0          1          0          0
## 2087          0          1          4          3          0          1          0          0
## 2088          0          1          4          3          0          1          0          0
## 2089          0          1          4          3          0          1          0          0
## 2090          0          1          4          3          0          1          0          0
## 2091          1          0          1          4          1          0          0          0
## 2092          1          0          1          4          1          0          0          0
## 2093          1          0          1          4          1          0          0          0
## 2094          1          0          1          4          1          0          0          0
## 2095          1          0          1          4          1          0          0          0
## 2096          1          0          1          4          1          0          0          0
## 2097          1          0          1          4          1          0          0          0
## 2098          1          0          1          4          1          0          0          0
## 2099          1          0          1          4          1          0          0          0
## 2100          1          0          1          4          1          0          0          0
## 2101          0          0          5          2          0          0          1          0
## 2102          0          0          5          2          0          0          1          0
## 2103          0          0          5          2          0          0          1          0
## 2104          0          0          5          2          0          0          1          0
## 2105          0          0          5          2          0          0          1          0
## 2106          0          0          5          2          0          0          1          0
## 2107          0          0          5          2          0          0          1          0
## 2108          0          0          5          2          0          0          1          0
## 2109          0          0          5          2          0          0          1          0
## 2110          0          0          5          2          0          0          1          0
## 2111          0          0          6          3          0          0          1          0
## 2112          0          0          6          3          0          0          1          0
## 2113          0          0          6          3          0          0          1          0
## 2114          0          0          6          3          0          0          1          0
## 2115          0          0          6          3          0          0          1          0
## 2116          0          0          6          3          0          0          1          0
## 2117          0          0          6          3          0          0          1          0
## 2118          0          0          6          3          0          0          1          0
```

```
## 2119       0       0       6       3       0       0       1       0
## 2120       0       0       6       3       0       0       1       0
## 2121       0       1       1       1       0       1       0       0
## 2122       0       1       1       1       0       1       0       0
## 2123       0       1       1       1       0       1       0       0
## 2124       0       1       1       1       0       1       0       0
## 2125       0       1       1       1       0       1       0       0
## 2126       0       1       1       1       0       1       0       0
## 2127       0       1       1       1       0       1       0       0
## 2128       0       1       1       1       0       1       0       0
## 2129       0       1       1       1       0       1       0       0
## 2130       0       1       1       1       0       1       0       0
## 2131       1       0       1       4       0       0       1       0
## 2132       1       0       1       4       0       0       1       0
## 2133       1       0       1       4       0       0       1       0
## 2134       1       0       1       4       0       0       1       0
## 2135       1       0       1       4       0       0       1       0
## 2136       1       0       1       4       0       0       1       0
## 2137       1       0       1       4       0       0       1       0
## 2138       1       0       1       4       0       0       1       0
## 2139       1       0       1       4       0       0       1       0
## 2140       1       0       1       4       0       0       1       0
## 2141       0       0       2       3       0       1       0       0
## 2142       0       0       2       3       0       1       0       0
## 2143       0       0       2       3       0       1       0       0
## 2144       0       0       2       3       0       1       0       0
## 2145       0       0       2       3       0       1       0       0
## 2146       0       0       2       3       0       1       0       0
## 2147       0       0       2       3       0       1       0       0
## 2148       0       0       2       3       0       1       0       0
## 2149       0       0       2       3       0       1       0       0
## 2150       0       0       2       3       0       1       0       0
## 2151       0       1       5       2       0       0       1       0
## 2152       0       1       5       2       0       0       1       0
## 2153       0       1       5       2       0       0       1       0
## 2154       0       1       5       2       0       0       1       0
## 2155       0       1       5       2       0       0       1       0
## 2156       0       1       5       2       0       0       1       0
## 2157       0       1       5       2       0       0       1       0
## 2158       0       1       5       2       0       0       1       0
## 2159       0       1       5       2       0       0       1       0
## 2160       0       1       5       2       0       0       1       0
## 2161       0       1       5       2       0       0       1       0
## 2162       0       1       5       2       0       0       1       0
## 2163       0       1       5       2       0       0       1       0
## 2164       0       1       5       2       0       0       1       0
## 2165       0       1       5       2       0       0       1       0
## 2166       0       1       5       2       0       0       1       0
## 2167       0       1       5       2       0       0       1       0
## 2168       0       1       5       2       0       0       1       0
## 2169       0       1       5       2       0       0       1       0
## 2170       0       1       5       2       0       0       1       0
## 2171       0       1       3       5       1       0       0       0
## 2172       0       1       3       5       1       0       0       0
```

```
## 2173        0        1        3        5        1        0        0        0
## 2174        0        1        3        5        1        0        0        0
## 2175        0        1        3        5        1        0        0        0
## 2176        0        1        3        5        1        0        0        0
## 2177        0        1        3        5        1        0        0        0
## 2178        0        1        3        5        1        0        0        0
## 2179        0        1        3        5        1        0        0        0
## 2180        0        1        3        5        1        0        0        0
## 2181        1        0        1        4        0        1        0        0
## 2182        1        0        1        4        0        1        0        0
## 2183        1        0        1        4        0        1        0        0
## 2184        1        0        1        4        0        1        0        0
## 2185        1        0        1        4        0        1        0        0
## 2186        1        0        1        4        0        1        0        0
## 2187        1        0        1        4        0        1        0        0
## 2188        1        0        1        4        0        1        0        0
## 2189        1        0        1        4        0        1        0        0
## 2190        1        0        1        4        0        1        0        0
## 2191        0        1        5        1        0        0        1        0
## 2192        0        1        5        1        0        0        1        0
## 2193        0        1        5        1        0        0        1        0
## 2194        0        1        5        1        0        0        1        0
## 2195        0        1        5        1        0        0        1        0
## 2196        0        1        5        1        0        0        1        0
## 2197        0        1        5        1        0        0        1        0
## 2198        0        1        5        1        0        0        1        0
## 2199        0        1        5        1        0        0        1        0
## 2200        0        1        5        1        0        0        1        0
## 2201        0        1        5        2        1        0        0        0
## 2202        0        1        5        2        1        0        0        0
## 2203        0        1        5        2        1        0        0        0
## 2204        0        1        5        2        1        0        0        0
## 2205        0        1        5        2        1        0        0        0
## 2206        0        1        5        2        1        0        0        0
## 2207        0        1        5        2        1        0        0        0
## 2208        0        1        5        2        1        0        0        0
## 2209        0        1        5        2        1        0        0        0
## 2210        0        1        5        2        1        0        0        0
## 2211        1        0        2        4        0        0        1        0
## 2212        1        0        2        4        0        0        1        0
## 2213        1        0        2        4        0        0        1        0
## 2214        1        0        2        4        0        0        1        0
## 2215        1        0        2        4        0        0        1        0
## 2216        1        0        2        4        0        0        1        0
## 2217        1        0        2        4        0        0        1        0
## 2218        1        0        2        4        0        0        1        0
## 2219        1        0        2        4        0        0        1        0
## 2220        1        0        2        4        0        0        1        0
## 2221        1        0        1        5        0        0        1        0
## 2222        1        0        1        5        0        0        1        0
## 2223        1        0        1        5        0        0        1        0
## 2224        1        0        1        5        0        0        1        0
## 2225        1        0        1        5        0        0        1        0
## 2226        1        0        1        5        0        0        1        0
```

```
## 2227      1      0      1      5      0      0      1      0
## 2228      1      0      1      5      0      0      1      0
## 2229      1      0      1      5      0      0      1      0
## 2230      1      0      1      5      0      0      1      0
## 2231      0      1      5      1      0      1      0      0
## 2232      0      1      5      1      0      1      0      0
## 2233      0      1      5      1      0      1      0      0
## 2234      0      1      5      1      0      1      0      0
## 2235      0      1      5      1      0      1      0      0
## 2236      0      1      5      1      0      1      0      0
## 2237      0      1      5      1      0      1      0      0
## 2238      0      1      5      1      0      1      0      0
## 2239      0      1      5      1      0      1      0      0
## 2240      0      1      5      1      0      1      0      0
## 2241      1      0      3      4      1      0      0      0
## 2242      1      0      3      4      1      0      0      0
## 2243      1      0      3      4      1      0      0      0
## 2244      1      0      3      4      1      0      0      0
## 2245      1      0      3      4      1      0      0      0
## 2246      1      0      3      4      1      0      0      0
## 2247      1      0      3      4      1      0      0      0
## 2248      1      0      3      4      1      0      0      0
## 2249      1      0      3      4      1      0      0      0
## 2250      1      0      3      4      1      0      0      0
## 2251      0      0      2      3      1      0      0      0
## 2252      0      0      2      3      1      0      0      0
## 2253      0      0      2      3      1      0      0      0
## 2254      0      0      2      3      1      0      0      0
## 2255      0      0      2      3      1      0      0      0
## 2256      0      0      2      3      1      0      0      0
## 2257      0      0      2      3      1      0      0      0
## 2258      0      0      2      3      1      0      0      0
## 2259      0      0      2      3      1      0      0      0
## 2260      0      0      2      3      1      0      0      0
## 2261      1      0      1      4      0      0      1      0
## 2262      1      0      1      4      0      0      1      0
## 2263      1      0      1      4      0      0      1      0
## 2264      1      0      1      4      0      0      1      0
## 2265      1      0      1      4      0      0      1      0
## 2266      1      0      1      4      0      0      1      0
## 2267      1      0      1      4      0      0      1      0
## 2268      1      0      1      4      0      0      1      0
## 2269      1      0      1      4      0      0      1      0
## 2270      1      0      1      4      0      0      1      0
## 2271      0      1      5      1      1      0      0      0
## 2272      0      1      5      1      1      0      0      0
## 2273      0      1      5      1      1      0      0      0
## 2274      0      1      5      1      1      0      0      0
## 2275      0      1      5      1      1      0      0      0
## 2276      0      1      5      1      1      0      0      0
## 2277      0      1      5      1      1      0      0      0
## 2278      0      1      5      1      1      0      0      0
## 2279      0      1      5      1      1      0      0      0
## 2280      0      1      5      1      1      0      0      0
```

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```
## 2281          1          0          2          3          0          0          1          0
## 2282          1          0          2          3          0          0          1          0
## 2283          1          0          2          3          0          0          1          0
## 2284          1          0          2          3          0          0          1          0
## 2285          1          0          2          3          0          0          1          0
## 2286          1          0          2          3          0          0          1          0
## 2287          1          0          2          3          0          0          1          0
## 2288          1          0          2          3          0          0          1          0
## 2289          1          0          2          3          0          0          1          0
## 2290          1          0          2          3          0          0          1          0
## 2291          0          1          4          2          0          1          0          0
## 2292          0          1          4          2          0          1          0          0
## 2293          0          1          4          2          0          1          0          0
## 2294          0          1          4          2          0          1          0          0
## 2295          0          1          4          2          0          1          0          0
## 2296          0          1          4          2          0          1          0          0
## 2297          0          1          4          2          0          1          0          0
## 2298          0          1          4          2          0          1          0          0
## 2299          0          1          4          2          0          1          0          0
## 2300          0          1          4          2          0          1          0          0
## 2301          0          1          4          3          0          1          0          0
## 2302          0          1          4          3          0          1          0          0
## 2303          0          1          4          3          0          1          0          0
## 2304          0          1          4          3          0          1          0          0
## 2305          0          1          4          3          0          1          0          0
## 2306          0          1          4          3          0          1          0          0
## 2307          0          1          4          3          0          1          0          0
## 2308          0          1          4          3          0          1          0          0
## 2309          0          1          4          3          0          1          0          0
## 2310          0          1          4          3          0          1          0          0
## 2311          0          1          5          3          1          0          0          0
## 2312          0          1          5          3          1          0          0          0
## 2313          0          1          5          3          1          0          0          0
## 2314          0          1          5          3          1          0          0          0
## 2315          0          1          5          3          1          0          0          0
## 2316          0          1          5          3          1          0          0          0
## 2317          0          1          5          3          1          0          0          0
## 2318          0          1          5          3          1          0          0          0
## 2319          0          1          5          3          1          0          0          0
## 2320          0          1          5          3          1          0          0          0
## 2321          0          1          5          1          0          0          1          0
## 2322          0          1          5          1          0          0          1          0
## 2323          0          1          5          1          0          0          1          0
## 2324          0          1          5          1          0          0          1          0
## 2325          0          1          5          1          0          0          1          0
## 2326          0          1          5          1          0          0          1          0
## 2327          0          1          5          1          0          0          1          0
## 2328          0          1          5          1          0          0          1          0
## 2329          0          1          5          1          0          0          1          0
## 2330          0          1          5          1          0          0          1          0
## 2331          0          1          5          3          0          0          1          0
## 2332          0          1          5          3          0          0          1          0
## 2333          0          1          5          3          0          0          1          0
## 2334          0          1          5          3          0          0          1          0
```

```
## 2335         0         1         5         3         0         0         1         0
## 2336         0         1         5         3         0         0         1         0
## 2337         0         1         5         3         0         0         1         0
## 2338         0         1         5         3         0         0         1         0
## 2339         0         1         5         3         0         0         1         0
## 2340         0         1         5         3         0         0         1         0
## 2341         1         0         2         4         1         0         0         0
## 2342         1         0         2         4         1         0         0         0
## 2343         1         0         2         4         1         0         0         0
## 2344         1         0         2         4         1         0         0         0
## 2345         1         0         2         4         1         0         0         0
## 2346         1         0         2         4         1         0         0         0
## 2347         1         0         2         4         1         0         0         0
## 2348         1         0         2         4         1         0         0         0
## 2349         1         0         2         4         1         0         0         0
## 2350         1         0         2         4         1         0         0         0
## 2351         0         1         5         1         1         0         0         0
## 2352         0         1         5         1         1         0         0         0
## 2353         0         1         5         1         1         0         0         0
## 2354         0         1         5         1         1         0         0         0
## 2355         0         1         5         1         1         0         0         0
## 2356         0         1         5         1         1         0         0         0
## 2357         0         1         5         1         1         0         0         0
## 2358         0         1         5         1         1         0         0         0
## 2359         0         1         5         1         1         0         0         0
## 2360         0         1         5         1         1         0         0         0
## 2361         0         1         2         3         0         1         0         0
## 2362         0         1         2         3         0         1         0         0
## 2363         0         1         2         3         0         1         0         0
## 2364         0         1         2         3         0         1         0         0
## 2365         0         1         2         3         0         1         0         0
## 2366         0         1         2         3         0         1         0         0
## 2367         0         1         2         3         0         1         0         0
## 2368         0         1         2         3         0         1         0         0
## 2369         0         1         2         3         0         1         0         0
## 2370         0         1         2         3         0         1         0         0
## 2371         1         0         1         3         0         0         1         0
## 2372         1         0         1         3         0         0         1         0
## 2373         1         0         1         3         0         0         1         0
## 2374         1         0         1         3         0         0         1         0
## 2375         1         0         1         3         0         0         1         0
## 2376         1         0         1         3         0         0         1         0
## 2377         1         0         1         3         0         0         1         0
## 2378         1         0         1         3         0         0         1         0
## 2379         1         0         1         3         0         0         1         0
## 2380         1         0         1         3         0         0         1         0
## 2381         0         1         5         2         0         0         1         0
## 2382         0         1         5         2         0         0         1         0
## 2383         0         1         5         2         0         0         1         0
## 2384         0         1         5         2         0         0         1         0
## 2385         0         1         5         2         0         0         1         0
## 2386         0         1         5         2         0         0         1         0
## 2387         0         1         5         2         0         0         1         0
## 2388         0         1         5         2         0         0         1         0
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## 2389      0       1       5       2       0       0       1       0
## 2390      0       1       5       2       0       0       1       0
## 2391      1       0       1       4       0       0       1       0
## 2392      1       0       1       4       0       0       1       0
## 2393      1       0       1       4       0       0       1       0
## 2394      1       0       1       4       0       0       1       0
## 2395      1       0       1       4       0       0       1       0
## 2396      1       0       1       4       0       0       1       0
## 2397      1       0       1       4       0       0       1       0
## 2398      1       0       1       4       0       0       1       0
## 2399      1       0       1       4       0       0       1       0
## 2400      1       0       1       4       0       0       1       0
## 2401      1       0       2       3       1       0       0       0
## 2402      1       0       2       3       1       0       0       0
## 2403      1       0       2       3       1       0       0       0
## 2404      1       0       2       3       1       0       0       0
## 2405      1       0       2       3       1       0       0       0
## 2406      1       0       2       3       1       0       0       0
## 2407      1       0       2       3       1       0       0       0
## 2408      1       0       2       3       1       0       0       0
## 2409      1       0       2       3       1       0       0       0
## 2410      1       0       2       3       1       0       0       0
## 2411      1       0       1       4       0       1       0       0
## 2412      1       0       1       4       0       1       0       0
## 2413      1       0       1       4       0       1       0       0
## 2414      1       0       1       4       0       1       0       0
## 2415      1       0       1       4       0       1       0       0
## 2416      1       0       1       4       0       1       0       0
## 2417      1       0       1       4       0       1       0       0
## 2418      1       0       1       4       0       1       0       0
## 2419      1       0       1       4       0       1       0       0
## 2420      1       0       1       4       0       1       0       0
## 2421      0       0       5       3       0       0       1       0
## 2422      0       0       5       3       0       0       1       0
## 2423      0       0       5       3       0       0       1       0
## 2424      0       0       5       3       0       0       1       0
## 2425      0       0       5       3       0       0       1       0
## 2426      0       0       5       3       0       0       1       0
## 2427      0       0       5       3       0       0       1       0
## 2428      0       0       5       3       0       0       1       0
## 2429      0       0       5       3       0       0       1       0
## 2430      0       0       5       3       0       0       1       0
## 2431      1       0       1       4       0       0       1       0
## 2432      1       0       1       4       0       0       1       0
## 2433      1       0       1       4       0       0       1       0
## 2434      1       0       1       4       0       0       1       0
## 2435      1       0       1       4       0       0       1       0
## 2436      1       0       1       4       0       0       1       0
## 2437      1       0       1       4       0       0       1       0
## 2438      1       0       1       4       0       0       1       0
## 2439      1       0       1       4       0       0       1       0
## 2440      1       0       1       4       0       0       1       0
## 2441      1       0       1       5       0       0       1       0
## 2442      1       0       1       5       0       0       1       0
```

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```
## 2443          1          0          1     5          0          0          1     0
## 2444          1          0          1     5          0          0          1     0
## 2445          1          0          1     5          0          0          1     0
## 2446          1          0          1     5          0          0          1     0
## 2447          1          0          1     5          0          0          1     0
## 2448          1          0          1     5          0          0          1     0
## 2449          1          0          1     5          0          0          1     0
## 2450          1          0          1     5          0          0          1     0
## 2451          1          0          1     4          0          1          0     0
## 2452          1          0          1     4          0          1          0     0
## 2453          1          0          1     4          0          1          0     0
## 2454          1          0          1     4          0          1          0     0
## 2455          1          0          1     4          0          1          0     0
## 2456          1          0          1     4          0          1          0     0
## 2457          1          0          1     4          0          1          0     0
## 2458          1          0          1     4          0          1          0     0
## 2459          1          0          1     4          0          1          0     0
## 2460          1          0          1     4          0          1          0     0
## 2461          0          0          5     1          0          0          1     0
## 2462          0          0          5     1          0          0          1     0
## 2463          0          0          5     1          0          0          1     0
## 2464          0          0          5     1          0          0          1     0
## 2465          0          0          5     1          0          0          1     0
## 2466          0          0          5     1          0          0          1     0
## 2467          0          0          5     1          0          0          1     0
## 2468          0          0          5     1          0          0          1     0
## 2469          0          0          5     1          0          0          1     0
## 2470          0          0          5     1          0          0          1     0
## 2471          0          1          5     1          0          0          1     0
## 2472          0          1          5     1          0          0          1     0
## 2473          0          1          5     1          0          0          1     0
## 2474          0          1          5     1          0          0          1     0
## 2475          0          1          5     1          0          0          1     0
## 2476          0          1          5     1          0          0          1     0
## 2477          0          1          5     1          0          0          1     0
## 2478          0          1          5     1          0          0          1     0
## 2479          0          1          5     1          0          0          1     0
## 2480          0          1          5     1          0          0          1     0
## 2481          0          1          5     3          0          1          0     0
## 2482          0          1          5     3          0          1          0     0
## 2483          0          1          5     3          0          1          0     0
## 2484          0          1          5     3          0          1          0     0
## 2485          0          1          5     3          0          1          0     0
## 2486          0          1          5     3          0          1          0     0
## 2487          0          1          5     3          0          1          0     0
## 2488          0          1          5     3          0          1          0     0
## 2489          0          1          5     3          0          1          0     0
## 2490          0          1          5     3          0          1          0     0
## 2491          1          0          1     4          0          0          1     0
## 2492          1          0          1     4          0          0          1     0
## 2493          1          0          1     4          0          0          1     0
## 2494          1          0          1     4          0          0          1     0
## 2495          1          0          1     4          0          0          1     0
## 2496          1          0          1     4          0          0          1     0
```

```
## 2497       1       0       1       4       0       0       1       0
## 2498       1       0       1       4       0       0       1       0
## 2499       1       0       1       4       0       0       1       0
## 2500       1       0       1       4       0       0       1       0
## 2501       0       1       5       2       1       0       0       0
## 2502       0       1       5       2       1       0       0       0
## 2503       0       1       5       2       1       0       0       0
## 2504       0       1       5       2       1       0       0       0
## 2505       0       1       5       2       1       0       0       0
## 2506       0       1       5       2       1       0       0       0
## 2507       0       1       5       2       1       0       0       0
## 2508       0       1       5       2       1       0       0       0
## 2509       0       1       5       2       1       0       0       0
## 2510       0       1       5       2       1       0       0       0
## 2511       1       0       1       4       0       0       1       0
## 2512       1       0       1       4       0       0       1       0
## 2513       1       0       1       4       0       0       1       0
## 2514       1       0       1       4       0       0       1       0
## 2515       1       0       1       4       0       0       1       0
## 2516       1       0       1       4       0       0       1       0
## 2517       1       0       1       4       0       0       1       0
## 2518       1       0       1       4       0       0       1       0
## 2519       1       0       1       4       0       0       1       0
## 2520       1       0       1       4       0       0       1       0
## 2521       0       0       4       4       0       1       0       0
## 2522       0       0       4       4       0       1       0       0
## 2523       0       0       4       4       0       1       0       0
## 2524       0       0       4       4       0       1       0       0
## 2525       0       0       4       4       0       1       0       0
## 2526       0       0       4       4       0       1       0       0
## 2527       0       0       4       4       0       1       0       0
## 2528       0       0       4       4       0       1       0       0
## 2529       0       0       4       4       0       1       0       0
## 2530       0       0       4       4       0       1       0       0
## 2531       1       0       1       4       0       1       0       0
## 2532       1       0       1       4       0       1       0       0
## 2533       1       0       1       4       0       1       0       0
## 2534       1       0       1       4       0       1       0       0
## 2535       1       0       1       4       0       1       0       0
## 2536       1       0       1       4       0       1       0       0
## 2537       1       0       1       4       0       1       0       0
## 2538       1       0       1       4       0       1       0       0
## 2539       1       0       1       4       0       1       0       0
## 2540       1       0       1       4       0       1       0       0
## 2541       1       0       2       5       0       0       1       0
## 2542       1       0       2       5       0       0       1       0
## 2543       1       0       2       5       0       0       1       0
## 2544       1       0       2       5       0       0       1       0
## 2545       1       0       2       5       0       0       1       0
## 2546       1       0       2       5       0       0       1       0
## 2547       1       0       2       5       0       0       1       0
## 2548       1       0       2       5       0       0       1       0
## 2549       1       0       2       5       0       0       1       0
## 2550       1       0       2       5       0       0       1       0
```

```
## 2551        0        1        5        2        0        0        1        0
## 2552        0        1        5        2        0        0        1        0
## 2553        0        1        5        2        0        0        1        0
## 2554        0        1        5        2        0        0        1        0
## 2555        0        1        5        2        0        0        1        0
## 2556        0        1        5        2        0        0        1        0
## 2557        0        1        5        2        0        0        1        0
## 2558        0        1        5        2        0        0        1        0
## 2559        0        1        5        2        0        0        1        0
## 2560        0        1        5        2        0        0        1        0
## 2561        1        0        2        3        0        1        0        0
## 2562        1        0        2        3        0        1        0        0
## 2563        1        0        2        3        0        1        0        0
## 2564        1        0        2        3        0        1        0        0
## 2565        1        0        2        3        0        1        0        0
## 2566        1        0        2        3        0        1        0        0
## 2567        1        0        2        3        0        1        0        0
## 2568        1        0        2        3        0        1        0        0
## 2569        1        0        2        3        0        1        0        0
## 2570        1        0        2        3        0        1        0        0
## 2571        1        0        1        5        0        0        1        0
## 2572        1        0        1        5        0        0        1        0
## 2573        1        0        1        5        0        0        1        0
## 2574        1        0        1        5        0        0        1        0
## 2575        1        0        1        5        0        0        1        0
## 2576        1        0        1        5        0        0        1        0
## 2577        1        0        1        5        0        0        1        0
## 2578        1        0        1        5        0        0        1        0
## 2579        1        0        1        5        0        0        1        0
## 2580        1        0        1        5        0        0        1        0
## 2581        0        0        2        4        1        0        0        0
## 2582        0        0        2        4        1        0        0        0
## 2583        0        0        2        4        1        0        0        0
## 2584        0        0        2        4        1        0        0        0
## 2585        0        0        2        4        1        0        0        0
## 2586        0        0        2        4        1        0        0        0
## 2587        0        0        2        4        1        0        0        0
## 2588        0        0        2        4        1        0        0        0
## 2589        0        0        2        4        1        0        0        0
## 2590        0        0        2        4        1        0        0        0
## 2591        1        0        5        3        0        0        1        0
## 2592        1        0        5        3        0        0        1        0
## 2593        1        0        5        3        0        0        1        0
## 2594        1        0        5        3        0        0        1        0
## 2595        1        0        5        3        0        0        1        0
## 2596        1        0        5        3        0        0        1        0
## 2597        1        0        5        3        0        0        1        0
## 2598        1        0        5        3        0        0        1        0
## 2599        1        0        5        3        0        0        1        0
## 2600        1        0        5        3        0        0        1        0
## 2601        1        0        1        4        0        1        0        0
## 2602        1        0        1        4        0        1        0        0
## 2603        1        0        1        4        0        1        0        0
## 2604        1        0        1        4        0        1        0        0
```

```
## 2605        1        0        1        4        0        1        0        0
## 2606        1        0        1        4        0        1        0        0
## 2607        1        0        1        4        0        1        0        0
## 2608        1        0        1        4        0        1        0        0
## 2609        1        0        1        4        0        1        0        0
## 2610        1        0        1        4        0        1        0        0
## 2611        0        1        5        3        0        0        1        0
## 2612        0        1        5        3        0        0        1        0
## 2613        0        1        5        3        0        0        1        0
## 2614        0        1        5        3        0        0        1        0
## 2615        0        1        5        3        0        0        1        0
## 2616        0        1        5        3        0        0        1        0
## 2617        0        1        5        3        0        0        1        0
## 2618        0        1        5        3        0        0        1        0
## 2619        0        1        5        3        0        0        1        0
## 2620        0        1        5        3        0        0        1        0
## 2621        0        1        5        2        1        0        0        0
## 2622        0        1        5        2        1        0        0        0
## 2623        0        1        5        2        1        0        0        0
## 2624        0        1        5        2        1        0        0        0
## 2625        0        1        5        2        1        0        0        0
## 2626        0        1        5        2        1        0        0        0
## 2627        0        1        5        2        1        0        0        0
## 2628        0        1        5        2        1        0        0        0
## 2629        0        1        5        2        1        0        0        0
## 2630        0        1        5        2        1        0        0        0
## 2631        1        0        4        3        0        0        1        0
## 2632        1        0        4        3        0        0        1        0
## 2633        1        0        4        3        0        0        1        0
## 2634        1        0        4        3        0        0        1        0
## 2635        1        0        4        3        0        0        1        0
## 2636        1        0        4        3        0        0        1        0
## 2637        1        0        4        3        0        0        1        0
## 2638        1        0        4        3        0        0        1        0
## 2639        1        0        4        3        0        0        1        0
## 2640        1        0        4        3        0        0        1        0
## 2641        0        1        5        3        0        1        0        0
## 2642        0        1        5        3        0        1        0        0
## 2643        0        1        5        3        0        1        0        0
## 2644        0        1        5        3        0        1        0        0
## 2645        0        1        5        3        0        1        0        0
## 2646        0        1        5        3        0        1        0        0
## 2647        0        1        5        3        0        1        0        0
## 2648        0        1        5        3        0        1        0        0
## 2649        0        1        5        3        0        1        0        0
## 2650        0        1        5        3        0        1        0        0
## 2651        1        0        1        3        0        0        1        0
## 2652        1        0        1        3        0        0        1        0
## 2653        1        0        1        3        0        0        1        0
## 2654        1        0        1        3        0        0        1        0
## 2655        1        0        1        3        0        0        1        0
## 2656        1        0        1        3        0        0        1        0
## 2657        1        0        1        3        0        0        1        0
## 2658        1        0        1        3        0        0        1        0
```

```
## 2659        1        0        1        3        0        0        1        0
## 2660        1        0        1        3        0        0        1        0
## 2661        1        0        1        4        0        1        0        0
## 2662        1        0        1        4        0        1        0        0
## 2663        1        0        1        4        0        1        0        0
## 2664        1        0        1        4        0        1        0        0
## 2665        1        0        1        4        0        1        0        0
## 2666        1        0        1        4        0        1        0        0
## 2667        1        0        1        4        0        1        0        0
## 2668        1        0        1        4        0        1        0        0
## 2669        1        0        1        4        0        1        0        0
## 2670        1        0        1        4        0        1        0        0
## 2671        0        1        5        2        0        1        0        0
## 2672        0        1        5        2        0        1        0        0
## 2673        0        1        5        2        0        1        0        0
## 2674        0        1        5        2        0        1        0        0
## 2675        0        1        5        2        0        1        0        0
## 2676        0        1        5        2        0        1        0        0
## 2677        0        1        5        2        0        1        0        0
## 2678        0        1        5        2        0        1        0        0
## 2679        0        1        5        2        0        1        0        0
## 2680        0        1        5        2        0        1        0        0
## 2681        1        0        1        3        0        0        1        0
## 2682        1        0        1        3        0        0        1        0
## 2683        1        0        1        3        0        0        1        0
## 2684        1        0        1        3        0        0        1        0
## 2685        1        0        1        3        0        0        1        0
## 2686        1        0        1        3        0        0        1        0
## 2687        1        0        1        3        0        0        1        0
## 2688        1        0        1        3        0        0        1        0
## 2689        1        0        1        3        0        0        1        0
## 2690        1        0        1        3        0        0        1        0
## 2691        0        1        5        1        0        0        1        0
## 2692        0        1        5        1        0        0        1        0
## 2693        0        1        5        1        0        0        1        0
## 2694        0        1        5        1        0        0        1        0
## 2695        0        1        5        1        0        0        1        0
## 2696        0        1        5        1        0        0        1        0
## 2697        0        1        5        1        0        0        1        0
## 2698        0        1        5        1        0        0        1        0
## 2699        0        1        5        1        0        0        1        0
## 2700        0        1        5        1        0        0        1        0
## 2701        0        0        4        3        0        0        1        0
## 2702        0        0        4        3        0        0        1        0
## 2703        0        0        4        3        0        0        1        0
## 2704        0        0        4        3        0        0        1        0
## 2705        0        0        4        3        0        0        1        0
## 2706        0        0        4        3        0        0        1        0
## 2707        0        0        4        3        0        0        1        0
## 2708        0        0        4        3        0        0        1        0
## 2709        0        0        4        3        0        0        1        0
## 2710        0        0        4        3        0        0        1        0
## 2711        0        0        5        3        1        0        0        0
## 2712        0        0        5        3        1        0        0        0
```

```
## 2713          0          0          5          3          1          0          0          0
## 2714          0          0          5          3          1          0          0          0
## 2715          0          0          5          3          1          0          0          0
## 2716          0          0          5          3          1          0          0          0
## 2717          0          0          5          3          1          0          0          0
## 2718          0          0          5          3          1          0          0          0
## 2719          0          0          5          3          1          0          0          0
## 2720          0          0          5          3          1          0          0          0
## 2721          1          0          5          4          0          0          1          0
## 2722          1          0          5          4          0          0          1          0
## 2723          1          0          5          4          0          0          1          0
## 2724          1          0          5          4          0          0          1          0
## 2725          1          0          5          4          0          0          1          0
## 2726          1          0          5          4          0          0          1          0
## 2727          1          0          5          4          0          0          1          0
## 2728          1          0          5          4          0          0          1          0
## 2729          1          0          5          4          0          0          1          0
## 2730          1          0          5          4          0          0          1          0
## 2731          0          1          5          2          0          1          0          0
## 2732          0          1          5          2          0          1          0          0
## 2733          0          1          5          2          0          1          0          0
## 2734          0          1          5          2          0          1          0          0
## 2735          0          1          5          2          0          1          0          0
## 2736          0          1          5          2          0          1          0          0
## 2737          0          1          5          2          0          1          0          0
## 2738          0          1          5          2          0          1          0          0
## 2739          0          1          5          2          0          1          0          0
## 2740          0          1          5          2          0          1          0          0
## 2741          0          0          1          4          0          0          1          0
## 2742          0          0          1          4          0          0          1          0
## 2743          0          0          1          4          0          0          1          0
## 2744          0          0          1          4          0          0          1          0
## 2745          0          0          1          4          0          0          1          0
## 2746          0          0          1          4          0          0          1          0
## 2747          0          0          1          4          0          0          1          0
## 2748          0          0          1          4          0          0          1          0
## 2749          0          0          1          4          0          0          1          0
## 2750          0          0          1          4          0          0          1          0
## 2751          1          0          2          3          0          0          1          0
## 2752          1          0          2          3          0          0          1          0
## 2753          1          0          2          3          0          0          1          0
## 2754          1          0          2          3          0          0          1          0
## 2755          1          0          2          3          0          0          1          0
## 2756          1          0          2          3          0          0          1          0
## 2757          1          0          2          3          0          0          1          0
## 2758          1          0          2          3          0          0          1          0
## 2759          1          0          2          3          0          0          1          0
## 2760          1          0          2          3          0          0          1          0
## 2761          1          0          2          3          1          0          0          0
## 2762          1          0          2          3          1          0          0          0
## 2763          1          0          2          3          1          0          0          0
## 2764          1          0          2          3          1          0          0          0
## 2765          1          0          2          3          1          0          0          0
## 2766          1          0          2          3          1          0          0          0
```

```
## 2767           1        0         2       3       1        0         0   0
## 2768           1        0         2       3       1        0         0   0
## 2769           1        0         2       3       1        0         0   0
## 2770           1        0         2       3       1        0         0   0
## 2771           1        0         1       5       0        0         1   0
## 2772           1        0         1       5       0        0         1   0
## 2773           1        0         1       5       0        0         1   0
## 2774           1        0         1       5       0        0         1   0
## 2775           1        0         1       5       0        0         1   0
## 2776           1        0         1       5       0        0         1   0
## 2777           1        0         1       5       0        0         1   0
##      race_white age male income knowledge support_gop trump_approve
## 1             1  37    1      8         7           0             4
## 2             1  37    1      8         7           0             4
## 3             1  37    1      8         7           1             4
## 4             1  37    1      8         7           0             4
## 5             1  37    1      8         7           0             4
## 6             1  37    1      8         7           0             4
## 7             1  37    1      8         7           0             4
## 8             1  37    1      8         7           0             4
## 9             1  37    1      8         7           0             4
## 10            1  37    1      8         7           0             4
## 11            0  33    1      6         0           1             3
## 12            0  33    1      6         0           1             3
## 13            0  33    1      6         0           1             3
## 14            0  33    1      6         0           1             3
## 15            0  33    1      6         0           1             3
## 16            0  33    1      6         0           1             3
## 17            0  33    1      6         0           1             3
## 18            0  33    1      6         0           1             3
## 19            0  33    1      6         0           1             3
## 20            0  33    1      6         0           1             3
## 21            0  71    1      4         5           0             4
## 22            0  71    1      4         5           0             4
## 23            0  71    1      4         5           1             4
## 24            0  71    1      4         5           0             4
## 25            0  71    1      4         5           0             4
## 26            0  71    1      4         5           0             4
## 27            0  71    1      4         5           0             4
## 28            0  71    1      4         5           0             4
## 29            0  71    1      4         5           0             4
## 30            0  71    1      4         5           0             4
## 31            1  34    1      4         4           1             4
## 32            1  34    1      4         4           1             4
## 33            1  34    1      4         4          NA             4
## 34            1  34    1      4         4           0             4
## 35            1  34    1      4         4          NA             4
## 36            1  34    1      4         4          NA             4
## 37            1  34    1      4         4           1             4
## 38            1  34    1      4         4           1             4
## 39            1  34    1      4         4           1             4
## 40            1  34    1      4         4           1             4
## 41            1  52    0     11         5           0             4
## 42            1  52    0     11         5           0             4
```

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```
## 43         1  52  0  11   5      1    4
## 44         1  52  0  11   5      0    4
## 45         1  52  0  11   5      0    4
## 46         1  52  0  11   5      1    4
## 47         1  52  0  11   5      0    4
## 48         1  52  0  11   5      0    4
## 49         1  52  0  11   5     NA    4
## 50         1  52  0  11   5     NA    4
## 51         1  56  0  NA   5      0    5
## 52         1  56  0  NA   5      1    5
## 53         1  56  0  NA   5      0    5
## 54         1  56  0  NA   5     NA    5
## 55         1  56  0  NA   5      1    5
## 56         1  56  0  NA   5      1    5
## 57         1  56  0  NA   5     NA    5
## 58         1  56  0  NA   5      1    5
## 59         1  56  0  NA   5     NA    5
## 60         1  56  0  NA   5      0    5
## 61         1  47  1  10   6      1    1
## 62         1  47  1  10   6      1    1
## 63         1  47  1  10   6      1    1
## 64         1  47  1  10   6      1    1
## 65         1  47  1  10   6      1    1
## 66         1  47  1  10   6      1    1
## 67         1  47  1  10   6      1    1
## 68         1  47  1  10   6      1    1
## 69         1  47  1  10   6      1    1
## 70         1  47  1  10   6      1    1
## 71         1  51  0   1   4      1    4
## 72         1  51  0   1   4      1    4
## 73         1  51  0   1   4      0    4
## 74         1  51  0   1   4      1    4
## 75         1  51  0   1   4     NA    4
## 76         1  51  0   1   4     NA    4
## 77         1  51  0   1   4      1    4
## 78         1  51  0   1   4      1    4
## 79         1  51  0   1   4     NA    4
## 80         1  51  0   1   4      1    4
## 81         1  67  0   9   6      0    3
## 82         1  67  0   9   6      1    3
## 83         1  67  0   9   6      1    3
## 84         1  67  0   9   6      1    3
## 85         1  67  0   9   6      1    3
## 86         1  67  0   9   6      0    3
## 87         1  67  0   9   6      1    3
## 88         1  67  0   9   6      1    3
## 89         1  67  0   9   6     NA    3
## 90         1  67  0   9   6      0    3
## 91         1  73  1   2   6      1    1
## 92         1  73  1   2   6      1    1
## 93         1  73  1   2   6      1    1
## 94         1  73  1   2   6     NA    1
## 95         1  73  1   2   6     NA    1
## 96         1  73  1   2   6      1    1
```

```
## 97      1 73 1  2  6  1    1
## 98      1 73 1  2  6  1    1
## 99      1 73 1  2  6  1    1
## 100     1 73 1  2  6  1    1
## 101     0 63 0  6  2  0    3
## 102     0 63 0  6  2  0    3
## 103     0 63 0  6  2  1    3
## 104     0 63 0  6  2  NA   3
## 105     0 63 0  6  2  1    3
## 106     0 63 0  6  2  NA   3
## 107     0 63 0  6  2  NA   3
## 108     0 63 0  6  2  1    3
## 109     0 63 0  6  2  1    3
## 110     0 63 0  6  2  0    3
## 111     0 57 0  9  7  NA   2
## 112     0 57 0  9  7  1    2
## 113     0 57 0  9  7  1    2
## 114     0 57 0  9  7  NA   2
## 115     0 57 0  9  7  1    2
## 116     0 57 0  9  7  0    2
## 117     0 57 0  9  7  1    2
## 118     0 57 0  9  7  1    2
## 119     0 57 0  9  7  1    2
## 120     0 57 0  9  7  1    2
## 121     1 83 0  NA 5  1    5
## 122     1 83 0  NA 5  1    5
## 123     1 83 0  NA 5  1    5
## 124     1 83 0  NA 5  1    5
## 125     1 83 0  NA 5  1    5
## 126     1 83 0  NA 5  0    5
## 127     1 83 0  NA 5  0    5
## 128     1 83 0  NA 5  1    5
## 129     1 83 0  NA 5  0    5
## 130     1 83 0  NA 5  0    5
## 131     0 57 0  6  3  1    1
## 132     0 57 0  6  3  1    1
## 133     0 57 0  6  3  1    1
## 134     0 57 0  6  3  1    1
## 135     0 57 0  6  3  1    1
## 136     0 57 0  6  3  1    1
## 137     0 57 0  6  3  1    1
## 138     0 57 0  6  3  1    1
## 139     0 57 0  6  3  1    1
## 140     0 57 0  6  3  1    1
## 141     0 55 1  6  8  1    1
## 142     0 55 1  6  8  1    1
## 143     0 55 1  6  8  1    1
## 144     0 55 1  6  8  NA   1
## 145     0 55 1  6  8  1    1
## 146     0 55 1  6  8  1    1
## 147     0 55 1  6  8  1    1
## 148     0 55 1  6  8  1    1
## 149     0 55 1  6  8  1    1
## 150     0 55 1  6  8  1    1
```

```
## 151      1   68   0   NA   8   NA   5
## 152      1   68   0   NA   8    1   5
## 153      1   68   0   NA   8    1   5
## 154      1   68   0   NA   8   NA   5
## 155      1   68   0   NA   8    0   5
## 156      1   68   0   NA   8    1   5
## 157      1   68   0   NA   8    0   5
## 158      1   68   0   NA   8    1   5
## 159      1   68   0   NA   8    0   5
## 160      1   68   0   NA   8    0   5
## 161      1   70   1   11   5    1   1
## 162      1   70   1   11   5    1   1
## 163      1   70   1   11   5    1   1
## 164      1   70   1   11   5   NA   1
## 165      1   70   1   11   5    1   1
## 166      1   70   1   11   5    1   1
## 167      1   70   1   11   5    1   1
## 168      1   70   1   11   5    1   1
## 169      1   70   1   11   5    1   1
## 170      1   70   1   11   5    1   1
## 171      1   49   0    3   6   NA   5
## 172      1   49   0    3   6    1   5
## 173      1   49   0    3   6    1   5
## 174      1   49   0    3   6    0   5
## 175      1   49   0    3   6    0   5
## 176      1   49   0    3   6    0   5
## 177      1   49   0    3   6    0   5
## 178      1   49   0    3   6   NA   5
## 179      1   49   0    3   6    0   5
## 180      1   49   0    3   6    0   5
## 181      1   71   1    1   3    1   2
## 182      1   71   1    1   3    1   2
## 183      1   71   1    1   3   NA   2
## 184      1   71   1    1   3    0   2
## 185      1   71   1    1   3   NA   2
## 186      1   71   1    1   3    1   2
## 187      1   71   1    1   3    1   2
## 188      1   71   1    1   3    1   2
## 189      1   71   1    1   3   NA   2
## 190      1   71   1    1   3    1   2
## 191      1   55   0    9   2    0   3
## 192      1   55   0    9   2    0   3
## 193      1   55   0    9   2    1   3
## 194      1   55   0    9   2   NA   3
## 195      1   55   0    9   2    0   3
## 196      1   55   0    9   2    1   3
## 197      1   55   0    9   2    1   3
## 198      1   55   0    9   2    1   3
## 199      1   55   0    9   2    1   3
## 200      1   55   0    9   2    1   3
## 201      1   60   1    6   8    0   4
## 202      1   60   1    6   8    1   4
## 203      1   60   1    6   8   NA   4
## 204      1   60   1    6   8    1   4
```

```
## 205          1  60   1      6        8         NA           4
## 206          1  60   1      6        8         NA           4
## 207          1  60   1      6        8          0           4
## 208          1  60   1      6        8          1           4
## 209          1  60   1      6        8          0           4
## 210          1  60   1      6        8          0           4
## 211          1  62   1      4        3          1           5
## 212          1  62   1      4        3          1           5
## 213          1  62   1      4        3          0           5
## 214          1  62   1      4        3          1           5
## 215          1  62   1      4        3          0           5
## 216          1  62   1      4        3          1           5
## 217          1  62   1      4        3          1           5
## 218          1  62   1      4        3          1           5
## 219          1  62   1      4        3          1           5
## 220          1  62   1      4        3          1           5
## 221          0  55   0      2        7          1           1
## 222          0  55   0      2        7          1           1
## 223          0  55   0      2        7          1           1
## 224          0  55   0      2        7          1           1
## 225          0  55   0      2        7          1           1
## 226          0  55   0      2        7         NA           1
## 227          0  55   0      2        7          1           1
## 228          0  55   0      2        7          1           1
## 229          0  55   0      2        7          1           1
## 230          0  55   0      2        7          1           1
## 231          1  60   1     NA        3          1           5
## 232          1  60   1     NA        3          1           5
## 233          1  60   1     NA        3         NA           5
## 234          1  60   1     NA        3         NA           5
## 235          1  60   1     NA        3          1           5
## 236          1  60   1     NA        3          1           5
## 237          1  60   1     NA        3          1           5
## 238          1  60   1     NA        3          1           5
## 239          1  60   1     NA        3         NA           5
## 240          1  60   1     NA        3          0           5
## 241          1  33   1      4        8          1           1
## 242          1  33   1      4        8          1           1
## 243          1  33   1      4        8          1           1
## 244          1  33   1      4        8         NA           1
## 245          1  33   1      4        8          1           1
## 246          1  33   1      4        8          1           1
## 247          1  33   1      4        8          1           1
## 248          1  33   1      4        8          1           1
## 249          1  33   1      4        8          1           1
## 250          1  33   1      4        8          1           1
## 251          0  53   1      9        8          0           2
## 252          0  53   1      9        8          1           2
## 253          0  53   1      9        8          1           2
## 254          0  53   1      9        8          0           2
## 255          0  53   1      9        8          0           2
## 256          0  53   1      9        8          0           2
## 257          0  53   1      9        8          0           2
## 258          0  53   1      9        8          1           2
```

```
## 259           0  53  1   9      8       0           2
## 260           0  53  1   9      8       0           2
## 261           1  67  1  10      8       0           4
## 262           1  67  1  10      8       0           4
## 263           1  67  1  10      8       1           4
## 264           1  67  1  10      8       0           4
## 265           1  67  1  10      8       0           4
## 266           1  67  1  10      8       0           4
## 267           1  67  1  10      8      NA           4
## 268           1  67  1  10      8       0           4
## 269           1  67  1  10      8      NA           4
## 270           1  67  1  10      8       0           4
## 271           1  27  0   4      8       1           1
## 272           1  27  0   4      8       1           1
## 273           1  27  0   4      8       1           1
## 274           1  27  0   4      8       1           1
## 275           1  27  0   4      8       1           1
## 276           1  27  0   4      8       1           1
## 277           1  27  0   4      8       1           1
## 278           1  27  0   4      8       1           1
## 279           1  27  0   4      8       1           1
## 280           1  27  0   4      8       1           1
## 281           1  59  0   5      1       1           3
## 282           1  59  0   5      1       1           3
## 283           1  59  0   5      1      NA           3
## 284           1  59  0   5      1      NA           3
## 285           1  59  0   5      1       1           3
## 286           1  59  0   5      1       1           3
## 287           1  59  0   5      1      NA           3
## 288           1  59  0   5      1       1           3
## 289           1  59  0   5      1      NA           3
## 290           1  59  0   5      1       1           3
## 291           0  62  0   3      5       1           3
## 292           0  62  0   3      5       1           3
## 293           0  62  0   3      5       1           3
## 294           0  62  0   3      5       0           3
## 295           0  62  0   3      5       1           3
## 296           0  62  0   3      5       0           3
## 297           0  62  0   3      5       1           3
## 298           0  62  0   3      5       1           3
## 299           0  62  0   3      5       1           3
## 300           0  62  0   3      5       1           3
## 301           1  83  1   9      6       0           4
## 302           1  83  1   9      6       1           4
## 303           1  83  1   9      6       1           4
## 304           1  83  1   9      6       0           4
## 305           1  83  1   9      6       0           4
## 306           1  83  1   9      6      NA           4
## 307           1  83  1   9      6      NA           4
## 308           1  83  1   9      6       1           4
## 309           1  83  1   9      6       1           4
## 310           1  83  1   9      6       1           4
## 311           1  38  1  10      8       0           5
## 312           1  38  1  10      8       0           5
```

```
## 313      1 38 1    10    8       1       5
## 314      1 38 1    10    8       0       5
## 315      1 38 1    10    8       0       5
## 316      1 38 1    10    8       1       5
## 317      1 38 1    10    8       0       5
## 318      1 38 1    10    8       0       5
## 319      1 38 1    10    8       0       5
## 320      1 38 1    10    8       0       5
## 321      1 57 1     6    5       1       2
## 322      1 57 1     6    5       1       2
## 323      1 57 1     6    5       1       2
## 324      1 57 1     6    5       1       2
## 325      1 57 1     6    5       0       2
## 326      1 57 1     6    5       1       2
## 327      1 57 1     6    5       1       2
## 328      1 57 1     6    5       0       2
## 329      1 57 1     6    5       1       2
## 330      1 57 1     6    5       1       2
## 331      1 62 1    NA    8       0       4
## 332      1 62 1    NA    8       0       4
## 333      1 62 1    NA    8       1       4
## 334      1 62 1    NA    8       1       4
## 335      1 62 1    NA    8       0       4
## 336      1 62 1    NA    8       0       4
## 337      1 62 1    NA    8       0       4
## 338      1 62 1    NA    8       1       4
## 339      1 62 1    NA    8       0       4
## 340      1 62 1    NA    8       0       4
## 341      1 62 1    NA    7       1       1
## 342      1 62 1    NA    7       1       1
## 343      1 62 1    NA    7       1       1
## 344      1 62 1    NA    7       1       1
## 345      1 62 1    NA    7       1       1
## 346      1 62 1    NA    7       1       1
## 347      1 62 1    NA    7       1       1
## 348      1 62 1    NA    7       1       1
## 349      1 62 1    NA    7       1       1
## 350      1 62 1    NA    7       1       1
## 351      1 56 0    NA    7       0       4
## 352      1 56 0    NA    7       0       4
## 353      1 56 0    NA    7      NA       4
## 354      1 56 0    NA    7       0       4
## 355      1 56 0    NA    7      NA       4
## 356      1 56 0    NA    7       1       4
## 357      1 56 0    NA    7       0       4
## 358      1 56 0    NA    7      NA       4
## 359      1 56 0    NA    7       0       4
## 360      1 56 0    NA    7       1       4
## 361      1 40 0     7    4      NA       3
## 362      1 40 0     7    4       1       3
## 363      1 40 0     7    4       1       3
## 364      1 40 0     7    4      NA       3
## 365      1 40 0     7    4       1       3
## 366      1 40 0     7    4       1       3
```

```
## 367      1   40   0   7   4   NA   3
## 368      1   40   0   7   4    1   3
## 369      1   40   0   7   4    1   3
## 370      1   40   0   7   4    0   3
## 371      1   62   1   8   7    0   4
## 372      1   62   1   8   7    0   4
## 373      1   62   1   8   7   NA   4
## 374      1   62   1   8   7    0   4
## 375      1   62   1   8   7   NA   4
## 376      1   62   1   8   7    0   4
## 377      1   62   1   8   7    0   4
## 378      1   62   1   8   7    0   4
## 379      1   62   1   8   7    0   4
## 380      1   62   1   8   7    0   4
## 381      1   78   1   4   8    0   5
## 382      1   78   1   4   8   NA   5
## 383      1   78   1   4   8   NA   5
## 384      1   78   1   4   8   NA   5
## 385      1   78   1   4   8    0   5
## 386      1   78   1   4   8    0   5
## 387      1   78   1   4   8    0   5
## 388      1   78   1   4   8    0   5
## 389      1   78   1   4   8    0   5
## 390      1   78   1   4   8    0   5
## 391      1   47   0   4   2   NA   3
## 392      1   47   0   4   2   NA   3
## 393      1   47   0   4   2    1   3
## 394      1   47   0   4   2    1   3
## 395      1   47   0   4   2    1   3
## 396      1   47   0   4   2   NA   3
## 397      1   47   0   4   2    0   3
## 398      1   47   0   4   2    1   3
## 399      1   47   0   4   2   NA   3
## 400      1   47   0   4   2    1   3
## 401      1   58   1   3   7    0   3
## 402      1   58   1   3   7    1   3
## 403      1   58   1   3   7    1   3
## 404      1   58   1   3   7    0   3
## 405      1   58   1   3   7    1   3
## 406      1   58   1   3   7    1   3
## 407      1   58   1   3   7    0   3
## 408      1   58   1   3   7    0   3
## 409      1   58   1   3   7    0   3
## 410      1   58   1   3   7    0   3
## 411      1   61   1   6   7    0   2
## 412      1   61   1   6   7    1   2
## 413      1   61   1   6   7    1   2
## 414      1   61   1   6   7    0   2
## 415      1   61   1   6   7    1   2
## 416      1   61   1   6   7    0   2
## 417      1   61   1   6   7    0   2
## 418      1   61   1   6   7    1   2
## 419      1   61   1   6   7    1   2
## 420      1   61   1   6   7    0   2
```

```
## 421     1  57  1     1       5       1           1
## 422     1  57  1     1       5       1           1
## 423     1  57  1     1       5       1           1
## 424     1  57  1     1       5       1           1
## 425     1  57  1     1       5       1           1
## 426     1  57  1     1       5       1           1
## 427     1  57  1     1       5       1           1
## 428     1  57  1     1       5       1           1
## 429     1  57  1     1       5       1           1
## 430     1  57  1     1       5       1           1
## 431     1  56  1     8       7       1           4
## 432     1  56  1     8       7       1           4
## 433     1  56  1     8       7       1           4
## 434     1  56  1     8       7       0           4
## 435     1  56  1     8       7       1           4
## 436     1  56  1     8       7       0           4
## 437     1  56  1     8       7       1           4
## 438     1  56  1     8       7       1           4
## 439     1  56  1     8       7       1           4
## 440     1  56  1     8       7       0           4
## 441     1  44  1     2       2       1           4
## 442     1  44  1     2       2       1           4
## 443     1  44  1     2       2       NA          4
## 444     1  44  1     2       2       0           4
## 445     1  44  1     2       2       1           4
## 446     1  44  1     2       2       1           4
## 447     1  44  1     2       2       1           4
## 448     1  44  1     2       2       1           4
## 449     1  44  1     2       2       1           4
## 450     1  44  1     2       2       1           4
## 451     1  91  0     3       6       0           5
## 452     1  91  0     3       6       NA          5
## 453     1  91  0     3       6       0           5
## 454     1  91  0     3       6       NA          5
## 455     1  91  0     3       6       0           5
## 456     1  91  0     3       6       0           5
## 457     1  91  0     3       6       0           5
## 458     1  91  0     3       6       1           5
## 459     1  91  0     3       6       0           5
## 460     1  91  0     3       6       0           5
## 461     0  62  0     NA      5       0           5
## 462     0  62  0     NA      5       0           5
## 463     0  62  0     NA      5       NA          5
## 464     0  62  0     NA      5       0           5
## 465     0  62  0     NA      5       0           5
## 466     0  62  0     NA      5       0           5
## 467     0  62  0     NA      5       0           5
## 468     0  62  0     NA      5       0           5
## 469     0  62  0     NA      5       0           5
## 470     0  62  0     NA      5       0           5
## 471     0  69  0     4       5       1           1
## 472     0  69  0     4       5       1           1
## 473     0  69  0     4       5       1           1
## 474     0  69  0     4       5       NA          1
```

```
## 475     0  69    0    4    5    1    1
## 476     0  69    0    4    5    1    1
## 477     0  69    0    4    5    0    1
## 478     0  69    0    4    5    1    1
## 479     0  69    0    4    5   NA    1
## 480     0  69    0    4    5   NA    1
## 481     1  65    1    5    5    0    5
## 482     1  65    1    5    5    1    5
## 483     1  65    1    5    5   NA    5
## 484     1  65    1    5    5    0    5
## 485     1  65    1    5    5   NA    5
## 486     1  65    1    5    5   NA    5
## 487     1  65    1    5    5    0    5
## 488     1  65    1    5    5    1    5
## 489     1  65    1    5    5    0    5
## 490     1  65    1    5    5    0    5
## 491     0  49    1    9    6    1    2
## 492     0  49    1    9    6    1    2
## 493     0  49    1    9    6    1    2
## 494     0  49    1    9    6   NA    2
## 495     0  49    1    9    6    1    2
## 496     0  49    1    9    6   NA    2
## 497     0  49    1    9    6    0    2
## 498     0  49    1    9    6    1    2
## 499     0  49    1    9    6   NA    2
## 500     0  49    1    9    6    0    2
## 501     1  74    1    5    7    1    5
## 502     1  74    1    5    7    1    5
## 503     1  74    1    5    7    0    5
## 504     1  74    1    5    7    0    5
## 505     1  74    1    5    7    1    5
## 506     1  74    1    5    7    0    5
## 507     1  74    1    5    7    1    5
## 508     1  74    1    5    7    1    5
## 509     1  74    1    5    7    1    5
## 510     1  74    1    5    7    0    5
## 511     1  60    1    5    8    0    4
## 512     1  60    1    5    8   NA    4
## 513     1  60    1    5    8    1    4
## 514     1  60    1    5    8    1    4
## 515     1  60    1    5    8    0    4
## 516     1  60    1    5    8    0    4
## 517     1  60    1    5    8    1    4
## 518     1  60    1    5    8    1    4
## 519     1  60    1    5    8    0    4
## 520     1  60    1    5    8    0    4
## 521     1  59    0    4    7    0    3
## 522     1  59    0    4    7   NA    3
## 523     1  59    0    4    7    1    3
## 524     1  59    0    4    7   NA    3
## 525     1  59    0    4    7    1    3
## 526     1  59    0    4    7    0    3
## 527     1  59    0    4    7   NA    3
## 528     1  59    0    4    7    1    3
```

```
## 529      1   59   0   4   7   NA   3
## 530      1   59   0   4   7   1    3
## 531      0   40   0   1   3   1    1
## 532      0   40   0   1   3   1    1
## 533      0   40   0   1   3   1    1
## 534      0   40   0   1   3   NA   1
## 535      0   40   0   1   3   1    1
## 536      0   40   0   1   3   1    1
## 537      0   40   0   1   3   1    1
## 538      0   40   0   1   3   1    1
## 539      0   40   0   1   3   1    1
## 540      0   40   0   1   3   1    1
## 541      1   56   1   5   5   0    4
## 542      1   56   1   5   5   1    4
## 543      1   56   1   5   5   0    4
## 544      1   56   1   5   5   0    4
## 545      1   56   1   5   5   0    4
## 546      1   56   1   5   5   0    4
## 547      1   56   1   5   5   0    4
## 548      1   56   1   5   5   1    4
## 549      1   56   1   5   5   0    4
## 550      1   56   1   5   5   0    4
## 551      1   61   1   NA  6   0    3
## 552      1   61   1   NA  6   NA   3
## 553      1   61   1   NA  6   1    3
## 554      1   61   1   NA  6   1    3
## 555      1   61   1   NA  6   1    3
## 556      1   61   1   NA  6   1    3
## 557      1   61   1   NA  6   NA   3
## 558      1   61   1   NA  6   NA   3
## 559      1   61   1   NA  6   0    3
## 560      1   61   1   NA  6   0    3
## 561      1   58   0   2   5   0    1
## 562      1   58   0   2   5   NA   1
## 563      1   58   0   2   5   1    1
## 564      1   58   0   2   5   NA   1
## 565      1   58   0   2   5   0    1
## 566      1   58   0   2   5   1    1
## 567      1   58   0   2   5   1    1
## 568      1   58   0   2   5   1    1
## 569      1   58   0   2   5   1    1
## 570      1   58   0   2   5   1    1
## 571      1   63   0   6   3   NA   5
## 572      1   63   0   6   3   NA   5
## 573      1   63   0   6   3   1    5
## 574      1   63   0   6   3   0    5
## 575      1   63   0   6   3   0    5
## 576      1   63   0   6   3   1    5
## 577      1   63   0   6   3   1    5
## 578      1   63   0   6   3   1    5
## 579      1   63   0   6   3   0    5
## 580      1   63   0   6   3   0    5
## 581      1   75   1   3   7   1    1
## 582      1   75   1   3   7   1    1
```

```
## 583       1  75  1    3      7       1          1
## 584       1  75  1    3      7       NA         1
## 585       1  75  1    3      7       1          1
## 586       1  75  1    3      7       1          1
## 587       1  75  1    3      7       1          1
## 588       1  75  1    3      7       1          1
## 589       1  75  1    3      7       1          1
## 590       1  75  1    3      7       1          1
## 591       1  75  1    4      5       0          3
## 592       1  75  1    4      5       1          3
## 593       1  75  1    4      5       1          3
## 594       1  75  1    4      5       0          3
## 595       1  75  1    4      5       NA         3
## 596       1  75  1    4      5       0          3
## 597       1  75  1    4      5       0          3
## 598       1  75  1    4      5       NA         3
## 599       1  75  1    4      5       NA         3
## 600       1  75  1    4      5       1          3
## 601       1  42  0    6      3       0          4
## 602       1  42  0    6      3       1          4
## 603       1  42  0    6      3       0          4
## 604       1  42  0    6      3       0          4
## 605       1  42  0    6      3       0          4
## 606       1  42  0    6      3       1          4
## 607       1  42  0    6      3       1          4
## 608       1  42  0    6      3       1          4
## 609       1  42  0    6      3       0          4
## 610       1  42  0    6      3       0          4
## 611       1  81  0    4      5       NA         5
## 612       1  81  0    4      5       NA         5
## 613       1  81  0    4      5       NA         5
## 614       1  81  0    4      5       0          5
## 615       1  81  0    4      5       NA         5
## 616       1  81  0    4      5       NA         5
## 617       1  81  0    4      5       0          5
## 618       1  81  0    4      5       0          5
## 619       1  81  0    4      5       0          5
## 620       1  81  0    4      5       NA         5
## 621       0  48  0    4      5       1          3
## 622       0  48  0    4      5       1          3
## 623       0  48  0    4      5       0          3
## 624       0  48  0    4      5       NA         3
## 625       0  48  0    4      5       0          3
## 626       0  48  0    4      5       1          3
## 627       0  48  0    4      5       1          3
## 628       0  48  0    4      5       1          3
## 629       0  48  0    4      5       1          3
## 630       0  48  0    4      5       1          3
## 631       1  63  0    NA     6       1          1
## 632       1  63  0    NA     6       1          1
## 633       1  63  0    NA     6       1          1
## 634       1  63  0    NA     6       1          1
## 635       1  63  0    NA     6       1          1
## 636       1  63  0    NA     6       1          1
```

```
## 637       1  63   0   NA    6     1        1
## 638       1  63   0   NA    6     1        1
## 639       1  63   0   NA    6     1        1
## 640       1  63   0   NA    6     1        1
## 641       0  57   0   2     1     1        3
## 642       0  57   0   2     1     1        3
## 643       0  57   0   2     1     NA       3
## 644       0  57   0   2     1     NA       3
## 645       0  57   0   2     1     NA       3
## 646       0  57   0   2     1     1        3
## 647       0  57   0   2     1     1        3
## 648       0  57   0   2     1     1        3
## 649       0  57   0   2     1     NA       3
## 650       0  57   0   2     1     1        3
## 651       0  64   0   3     4     1        1
## 652       0  64   0   3     4     1        1
## 653       0  64   0   3     4     1        1
## 654       0  64   0   3     4     1        1
## 655       0  64   0   3     4     0        1
## 656       0  64   0   3     4     1        1
## 657       0  64   0   3     4     1        1
## 658       0  64   0   3     4     1        1
## 659       0  64   0   3     4     1        1
## 660       0  64   0   3     4     1        1
## 661       1  81   1   5     4     1        1
## 662       1  81   1   5     4     1        1
## 663       1  81   1   5     4     1        1
## 664       1  81   1   5     4     NA       1
## 665       1  81   1   5     4     1        1
## 666       1  81   1   5     4     1        1
## 667       1  81   1   5     4     1        1
## 668       1  81   1   5     4     1        1
## 669       1  81   1   5     4     1        1
## 670       1  81   1   5     4     1        1
## 671       1  51   1   12    6     0        3
## 672       1  51   1   12    6     0        3
## 673       1  51   1   12    6     1        3
## 674       1  51   1   12    6     0        3
## 675       1  51   1   12    6     0        3
## 676       1  51   1   12    6     0        3
## 677       1  51   1   12    6     0        3
## 678       1  51   1   12    6     0        3
## 679       1  51   1   12    6     NA       3
## 680       1  51   1   12    6     0        3
## 681       0  63   0   1     0     1        1
## 682       0  63   0   1     0     1        1
## 683       0  63   0   1     0     1        1
## 684       0  63   0   1     0     1        1
## 685       0  63   0   1     0     0        1
## 686       0  63   0   1     0     1        1
## 687       0  63   0   1     0     1        1
## 688       0  63   0   1     0     1        1
## 689       0  63   0   1     0     NA       1
## 690       0  63   0   1     0     1        1
```

```
## 691        1   68    1     9          8          1            1
## 692        1   68    1     9          8          1            1
## 693        1   68    1     9          8          1            1
## 694        1   68    1     9          8          1            1
## 695        1   68    1     9          8          0            1
## 696        1   68    1     9          8          1            1
## 697        1   68    1     9          8          1            1
## 698        1   68    1     9          8          1            1
## 699        1   68    1     9          8          1            1
## 700        1   68    1     9          8          1            1
## 701        1   71    0     3          6          0            4
## 702        1   71    0     3          6          1            4
## 703        1   71    0     3          6          1            4
## 704        1   71    0     3          6          NA           4
## 705        1   71    0     3          6          0            4
## 706        1   71    0     3          6          0            4
## 707        1   71    0     3          6          NA           4
## 708        1   71    0     3          6          1            4
## 709        1   71    0     3          6          NA           4
## 710        1   71    0     3          6          0            4
## 711        1   56    1     2          7          0            5
## 712        1   56    1     2          7          0            5
## 713        1   56    1     2          7          NA           5
## 714        1   56    1     2          7          0            5
## 715        1   56    1     2          7          0            5
## 716        1   56    1     2          7          NA           5
## 717        1   56    1     2          7          0            5
## 718        1   56    1     2          7          NA           5
## 719        1   56    1     2          7          0            5
## 720        1   56    1     2          7          0            5
## 721        1   58    1     1          1          0            5
## 722        1   58    1     1          1          1            5
## 723        1   58    1     1          1          NA           5
## 724        1   58    1     1          1          0            5
## 725        1   58    1     1          1          1            5
## 726        1   58    1     1          1          NA           5
## 727        1   58    1     1          1          NA           5
## 728        1   58    1     1          1          1            5
## 729        1   58    1     1          1          NA           5
## 730        1   58    1     1          1          NA           5
## 731        1   22    0     3          0          1            2
## 732        1   22    0     3          0          NA           2
## 733        1   22    0     3          0          NA           2
## 734        1   22    0     3          0          NA           2
## 735        1   22    0     3          0          NA           2
## 736        1   22    0     3          0          NA           2
## 737        1   22    0     3          0          1            2
## 738        1   22    0     3          0          NA           2
## 739        1   22    0     3          0          NA           2
## 740        1   22    0     3          0          1            2
## 741        1   58    1     9          8          0            5
## 742        1   58    1     9          8          1            5
## 743        1   58    1     9          8          1            5
## 744        1   58    1     9          8          0            5
```

```
## 745      1  58   1    9         8         0              5
## 746      1  58   1    9         8         0              5
## 747      1  58   1    9         8         0              5
## 748      1  58   1    9         8         NA             5
## 749      1  58   1    9         8         0              5
## 750      1  58   1    9         8         1              5
## 751      1  67   0    4         4         1              1
## 752      1  67   0    4         4         1              1
## 753      1  67   0    4         4         1              1
## 754      1  67   0    4         4         1              1
## 755      1  67   0    4         4         NA             1
## 756      1  67   0    4         4         1              1
## 757      1  67   0    4         4         1              1
## 758      1  67   0    4         4         1              1
## 759      1  67   0    4         4         NA             1
## 760      1  67   0    4         4         1              1
## 761      1  65   0    7         5         1              5
## 762      1  65   0    7         5         1              5
## 763      1  65   0    7         5         0              5
## 764      1  65   0    7         5         NA             5
## 765      1  65   0    7         5         1              5
## 766      1  65   0    7         5         0              5
## 767      1  65   0    7         5         0              5
## 768      1  65   0    7         5         1              5
## 769      1  65   0    7         5         1              5
## 770      1  65   0    7         5         0              5
## 771      1  51   1    5         7         1              4
## 772      1  51   1    5         7         0              4
## 773      1  51   1    5         7         1              4
## 774      1  51   1    5         7         NA             4
## 775      1  51   1    5         7         0              4
## 776      1  51   1    5         7         0              4
## 777      1  51   1    5         7         0              4
## 778      1  51   1    5         7         0              4
## 779      1  51   1    5         7         0              4
## 780      1  51   1    5         7         0              4
## 781      0  65   0    1         1         1              2
## 782      0  65   0    1         1         1              2
## 783      0  65   0    1         1         1              2
## 784      0  65   0    1         1         1              2
## 785      0  65   0    1         1         NA             2
## 786      0  65   0    1         1         NA             2
## 787      0  65   0    1         1         1              2
## 788      0  65   0    1         1         1              2
## 789      0  65   0    1         1         NA             2
## 790      0  65   0    1         1         1              2
## 791      1  70   1    2         6         0              4
## 792      1  70   1    2         6         0              4
## 793      1  70   1    2         6         1              4
## 794      1  70   1    2         6         0              4
## 795      1  70   1    2         6         0              4
## 796      1  70   1    2         6         0              4
## 797      1  70   1    2         6         0              4
## 798      1  70   1    2         6         0              4
```

```
## 799       1  70   1   2      6         0         4
## 800       1  70   1   2      6         0         4
## 801       0  42   0   6      6         1         1
## 802       0  42   0   6      6         1         1
## 803       0  42   0   6      6         1         1
## 804       0  42   0   6      6         0         1
## 805       0  42   0   6      6         1         1
## 806       0  42   0   6      6         1         1
## 807       0  42   0   6      6         1         1
## 808       0  42   0   6      6         1         1
## 809       0  42   0   6      6         1         1
## 810       0  42   0   6      6         1         1
## 811       1  59   0  12      4         1         5
## 812       1  59   0  12      4         1         5
## 813       1  59   0  12      4         1         5
## 814       1  59   0  12      4         0         5
## 815       1  59   0  12      4         1         5
## 816       1  59   0  12      4         1         5
## 817       1  59   0  12      4        NA         5
## 818       1  59   0  12      4         1         5
## 819       1  59   0  12      4         1         5
## 820       1  59   0  12      4         1         5
## 821       1  61   1   5      7         1         1
## 822       1  61   1   5      7         1         1
## 823       1  61   1   5      7         1         1
## 824       1  61   1   5      7         1         1
## 825       1  61   1   5      7         1         1
## 826       1  61   1   5      7         1         1
## 827       1  61   1   5      7         1         1
## 828       1  61   1   5      7         1         1
## 829       1  61   1   5      7         1         1
## 830       1  61   1   5      7         1         1
## 831       1  64   0  NA      4        NA        NA
## 832       1  64   0  NA      4         1        NA
## 833       1  64   0  NA      4         1        NA
## 834       1  64   0  NA      4        NA        NA
## 835       1  64   0  NA      4        NA        NA
## 836       1  64   0  NA      4        NA        NA
## 837       1  64   0  NA      4         1        NA
## 838       1  64   0  NA      4         1        NA
## 839       1  64   0  NA      4        NA        NA
## 840       1  64   0  NA      4        NA        NA
## 841       1  75   1   9      5         0         5
## 842       1  75   1   9      5         0         5
## 843       1  75   1   9      5         1         5
## 844       1  75   1   9      5         0         5
## 845       1  75   1   9      5         0         5
## 846       1  75   1   9      5         1         5
## 847       1  75   1   9      5         0         5
## 848       1  75   1   9      5         0         5
## 849       1  75   1   9      5         0         5
## 850       1  75   1   9      5         0         5
## 851       1  37   0   6      8         1         1
## 852       1  37   0   6      8         1         1
```

```
## 853      1  37   0      6        8         1            1
## 854      1  37   0      6        8         1            1
## 855      1  37   0      6        8         0            1
## 856      1  37   0      6        8         1            1
## 857      1  37   0      6        8         1            1
## 858      1  37   0      6        8         1            1
## 859      1  37   0      6        8         1            1
## 860      1  37   0      6        8         1            1
## 861      1  77   0      3        6         1            1
## 862      1  77   0      3        6         1            1
## 863      1  77   0      3        6         1            1
## 864      1  77   0      3        6        NA            1
## 865      1  77   0      3        6        NA            1
## 866      1  77   0      3        6         1            1
## 867      1  77   0      3        6         1            1
## 868      1  77   0      3        6         1            1
## 869      1  77   0      3        6         1            1
## 870      1  77   0      3        6         1            1
## 871      1  69   0     NA        5         1            1
## 872      1  69   0     NA        5         1            1
## 873      1  69   0     NA        5         1            1
## 874      1  69   0     NA        5         1            1
## 875      1  69   0     NA        5         1            1
## 876      1  69   0     NA        5         1            1
## 877      1  69   0     NA        5         1            1
## 878      1  69   0     NA        5         1            1
## 879      1  69   0     NA        5         1            1
## 880      1  69   0     NA        5         1            1
## 881      1  54   0     11        4        NA            4
## 882      1  54   0     11        4         0            4
## 883      1  54   0     11        4         1            4
## 884      1  54   0     11        4        NA            4
## 885      1  54   0     11        4        NA            4
## 886      1  54   0     11        4        NA            4
## 887      1  54   0     11        4        NA            4
## 888      1  54   0     11        4         1            4
## 889      1  54   0     11        4        NA            4
## 890      1  54   0     11        4        NA            4
## 891      1  73   1      2        3         1            1
## 892      1  73   1      2        3         1            1
## 893      1  73   1      2        3         0            1
## 894      1  73   1      2        3        NA            1
## 895      1  73   1      2        3         1            1
## 896      1  73   1      2        3         0            1
## 897      1  73   1      2        3         1            1
## 898      1  73   1      2        3         1            1
## 899      1  73   1      2        3         1            1
## 900      1  73   1      2        3         1            1
## 901      1  75   0      9        3         1            5
## 902      1  75   0      9        3         1            5
## 903      1  75   0      9        3         1            5
## 904      1  75   0      9        3         0            5
## 905      1  75   0      9        3         0            5
## 906      1  75   0      9        3         1            5
```

```
## 907   1  75  0   9   3   1    5
## 908   1  75  0   9   3   1    5
## 909   1  75  0   9   3   0    5
## 910   1  75  0   9   3   0    5
## 911   0  59  0  10   6   1    1
## 912   0  59  0  10   6   1    1
## 913   0  59  0  10   6   1    1
## 914   0  59  0  10   6   1    1
## 915   0  59  0  10   6  NA    1
## 916   0  59  0  10   6   1    1
## 917   0  59  0  10   6   1    1
## 918   0  59  0  10   6   1    1
## 919   0  59  0  10   6   1    1
## 920   0  59  0  10   6   1    1
## 921   1  59  0   2   7   1    1
## 922   1  59  0   2   7   1    1
## 923   1  59  0   2   7   1    1
## 924   1  59  0   2   7  NA    1
## 925   1  59  0   2   7   1    1
## 926   1  59  0   2   7   1    1
## 927   1  59  0   2   7   1    1
## 928   1  59  0   2   7   1    1
## 929   1  59  0   2   7   1    1
## 930   1  59  0   2   7   1    1
## 931   1  55  0  NA   6   1    5
## 932   1  55  0  NA   6   1    5
## 933   1  55  0  NA   6  NA    5
## 934   1  55  0  NA   6   1    5
## 935   1  55  0  NA   6   1    5
## 936   1  55  0  NA   6   1    5
## 937   1  55  0  NA   6   1    5
## 938   1  55  0  NA   6   1    5
## 939   1  55  0  NA   6   1    5
## 940   1  55  0  NA   6   0    5
## 941   1  59  0   2   2   0    1
## 942   1  59  0   2   2  NA    1
## 943   1  59  0   2   2   1    1
## 944   1  59  0   2   2  NA    1
## 945   1  59  0   2   2  NA    1
## 946   1  59  0   2   2  NA    1
## 947   1  59  0   2   2   1    1
## 948   1  59  0   2   2   1    1
## 949   1  59  0   2   2   1    1
## 950   1  59  0   2   2   1    1
## 951   0  59  0   2   2  NA    1
## 952   0  59  0   2   2   1    1
## 953   0  59  0   2   2   1    1
## 954   0  59  0   2   2  NA    1
## 955   0  59  0   2   2   1    1
## 956   0  59  0   2   2   1    1
## 957   0  59  0   2   2   0    1
## 958   0  59  0   2   2   1    1
## 959   0  59  0   2   2   0    1
## 960   0  59  0   2   2   1    1
```

```
## 961       0   63    0      2       3       1         2
## 962       0   63    0      2       3       1         2
## 963       0   63    0      2       3      NA         2
## 964       0   63    0      2       3       1         2
## 965       0   63    0      2       3      NA         2
## 966       0   63    0      2       3       1         2
## 967       0   63    0      2       3      NA         2
## 968       0   63    0      2       3       1         2
## 969       0   63    0      2       3      NA         2
## 970       0   63    0      2       3       1         2
## 971       0   52    0      4       1       1         1
## 972       0   52    0      4       1       1         1
## 973       0   52    0      4       1       1         1
## 974       0   52    0      4       1      NA         1
## 975       0   52    0      4       1       1         1
## 976       0   52    0      4       1      NA         1
## 977       0   52    0      4       1       1         1
## 978       0   52    0      4       1       1         1
## 979       0   52    0      4       1       0         1
## 980       0   52    0      4       1       1         1
## 981       1   43    0     NA       7       0         5
## 982       1   43    0     NA       7      NA         5
## 983       1   43    0     NA       7       1         5
## 984       1   43    0     NA       7      NA         5
## 985       1   43    0     NA       7       0         5
## 986       1   43    0     NA       7       1         5
## 987       1   43    0     NA       7       0         5
## 988       1   43    0     NA       7       1         5
## 989       1   43    0     NA       7       0         5
## 990       1   43    0     NA       7       1         5
## 991       0   57    1     10       7       1         1
## 992       0   57    1     10       7      NA         1
## 993       0   57    1     10       7       1         1
## 994       0   57    1     10       7      NA         1
## 995       0   57    1     10       7       1         1
## 996       0   57    1     10       7      NA         1
## 997       0   57    1     10       7       1         1
## 998       0   57    1     10       7       1         1
## 999       0   57    1     10       7       1         1
## 1000      0   57    1     10       7       1         1
## 1001      1   67    0      8       6       1         5
## 1002      1   67    0      8       6       1         5
## 1003      1   67    0      8       6       1         5
## 1004      1   67    0      8       6       0         5
## 1005      1   67    0      8       6       1         5
## 1006      1   67    0      8       6       0         5
## 1007      1   67    0      8       6       0         5
## 1008      1   67    0      8       6       1         5
## 1009      1   67    0      8       6       0         5
## 1010      1   67    0      8       6       0         5
## 1011      1   29    1      2       4       1         1
## 1012      1   29    1      2       4       1         1
## 1013      1   29    1      2       4       0         1
## 1014      1   29    1      2       4      NA         1
```

```
## 1015       1  29    1    2        4        1            1
## 1016       1  29    1    2        4        1            1
## 1017       1  29    1    2        4        1            1
## 1018       1  29    1    2        4        1            1
## 1019       1  29    1    2        4        1            1
## 1020       1  29    1    2        4        0            1
## 1021       1  34    0   10        7        1            3
## 1022       1  34    0   10        7        1            3
## 1023       1  34    0   10        7        1            3
## 1024       1  34    0   10        7       NA            3
## 1025       1  34    0   10        7        1            3
## 1026       1  34    0   10        7        1            3
## 1027       1  34    0   10        7        1            3
## 1028       1  34    0   10        7        0            3
## 1029       1  34    0   10        7        1            3
## 1030       1  34    0   10        7        1            3
## 1031       1  56    1    5        4        1            1
## 1032       1  56    1    5        4        1            1
## 1033       1  56    1    5        4        1            1
## 1034       1  56    1    5        4       NA            1
## 1035       1  56    1    5        4        1            1
## 1036       1  56    1    5        4        1            1
## 1037       1  56    1    5        4        1            1
## 1038       1  56    1    5        4        1            1
## 1039       1  56    1    5        4        1            1
## 1040       1  56    1    5        4        1            1
## 1041       1  57    1    1        6        0            5
## 1042       1  57    1    1        6        0            5
## 1043       1  57    1    1        6       NA            5
## 1044       1  57    1    1        6       NA            5
## 1045       1  57    1    1        6        0            5
## 1046       1  57    1    1        6        0            5
## 1047       1  57    1    1        6        0            5
## 1048       1  57    1    1        6        0            5
## 1049       1  57    1    1        6        0            5
## 1050       1  57    1    1        6        0            5
## 1051       1  34    0    5        4        0            4
## 1052       1  34    0    5        4        1            4
## 1053       1  34    0    5        4        0            4
## 1054       1  34    0    5        4        0            4
## 1055       1  34    0    5        4        0            4
## 1056       1  34    0    5        4       NA            4
## 1057       1  34    0    5        4        0            4
## 1058       1  34    0    5        4        1            4
## 1059       1  34    0    5        4        1            4
## 1060       1  34    0    5        4        0            4
## 1061       1  65    0    5        2        1            3
## 1062       1  65    0    5        2        1            3
## 1063       1  65    0    5        2        1            3
## 1064       1  65    0    5        2       NA            3
## 1065       1  65    0    5        2       NA            3
## 1066       1  65    0    5        2        1            3
## 1067       1  65    0    5        2        1            3
## 1068       1  65    0    5        2        1            3
```

```
## 1069    1  65  0   5    2   1    3
## 1070    1  65  0   5    2   1    3
## 1071    0  54  0   8    5   NA   1
## 1072    0  54  0   8    5   1    1
## 1073    0  54  0   8    5   1    1
## 1074    0  54  0   8    5   NA   1
## 1075    0  54  0   8    5   1    1
## 1076    0  54  0   8    5   0    1
## 1077    0  54  0   8    5   0    1
## 1078    0  54  0   8    5   1    1
## 1079    0  54  0   8    5   1    1
## 1080    0  54  0   8    5   1    1
## 1081    1  59  0   3    3   0    5
## 1082    1  59  0   3    3   NA   5
## 1083    1  59  0   3    3   NA   5
## 1084    1  59  0   3    3   0    5
## 1085    1  59  0   3    3   NA   5
## 1086    1  59  0   3    3   NA   5
## 1087    1  59  0   3    3   0    5
## 1088    1  59  0   3    3   1    5
## 1089    1  59  0   3    3   0    5
## 1090    1  59  0   3    3   0    5
## 1091    1  72  0   NA   8   0    5
## 1092    1  72  0   NA   8   0    5
## 1093    1  72  0   NA   8   1    5
## 1094    1  72  0   NA   8   NA   5
## 1095    1  72  0   NA   8   0    5
## 1096    1  72  0   NA   8   NA   5
## 1097    1  72  0   NA   8   0    5
## 1098    1  72  0   NA   8   NA   5
## 1099    1  72  0   NA   8   0    5
## 1100    1  72  0   NA   8   0    5
## 1101    0  73  0   3    3   1    3
## 1102    0  73  0   3    3   NA   3
## 1103    0  73  0   3    3   NA   3
## 1104    0  73  0   3    3   0    3
## 1105    0  73  0   3    3   0    3
## 1106    0  73  0   3    3   1    3
## 1107    0  73  0   3    3   1    3
## 1108    0  73  0   3    3   1    3
## 1109    0  73  0   3    3   NA   3
## 1110    0  73  0   3    3   0    3
## 1111    1  79  0   NA   5   NA   5
## 1112    1  79  0   NA   5   1    5
## 1113    1  79  0   NA   5   NA   5
## 1114    1  79  0   NA   5   NA   5
## 1115    1  79  0   NA   5   0    5
## 1116    1  79  0   NA   5   NA   5
## 1117    1  79  0   NA   5   0    5
## 1118    1  79  0   NA   5   NA   5
## 1119    1  79  0   NA   5   0    5
## 1120    1  79  0   NA   5   0    5
## 1121    1  64  1   15   6   1    5
## 1122    1  64  1   15   6   1    5
```

```
## 1123      1  64  1    15    6        1           5
## 1124      1  64  1    15    6        1           5
## 1125      1  64  1    15    6        0           5
## 1126      1  64  1    15    6        0           5
## 1127      1  64  1    15    6        1           5
## 1128      1  64  1    15    6        1           5
## 1129      1  64  1    15    6        1           5
## 1130      1  64  1    15    6        1           5
## 1131      1  60  0     4    6        1           1
## 1132      1  60  0     4    6        1           1
## 1133      1  60  0     4    6        1           1
## 1134      1  60  0     4    6       NA           1
## 1135      1  60  0     4    6        1           1
## 1136      1  60  0     4    6       NA           1
## 1137      1  60  0     4    6        1           1
## 1138      1  60  0     4    6        1           1
## 1139      1  60  0     4    6        1           1
## 1140      1  60  0     4    6        1           1
## 1141      1  79  0     5    3        0           3
## 1142      1  79  0     5    3        0           3
## 1143      1  79  0     5    3        1           3
## 1144      1  79  0     5    3        0           3
## 1145      1  79  0     5    3        0           3
## 1146      1  79  0     5    3        1           3
## 1147      1  79  0     5    3        0           3
## 1148      1  79  0     5    3        1           3
## 1149      1  79  0     5    3       NA           3
## 1150      1  79  0     5    3        0           3
## 1151      1  67  0    NA    4       NA           5
## 1152      1  67  0    NA    4        1           5
## 1153      1  67  0    NA    4       NA           5
## 1154      1  67  0    NA    4        0           5
## 1155      1  67  0    NA    4       NA           5
## 1156      1  67  0    NA    4       NA           5
## 1157      1  67  0    NA    4       NA           5
## 1158      1  67  0    NA    4       NA           5
## 1159      1  67  0    NA    4       NA           5
## 1160      1  67  0    NA    4       NA           5
## 1161      1  60  0    11    4        0           3
## 1162      1  60  0    11    4        1           3
## 1163      1  60  0    11    4       NA           3
## 1164      1  60  0    11    4       NA           3
## 1165      1  60  0    11    4       NA           3
## 1166      1  60  0    11    4       NA           3
## 1167      1  60  0    11    4       NA           3
## 1168      1  60  0    11    4        1           3
## 1169      1  60  0    11    4       NA           3
## 1170      1  60  0    11    4       NA           3
## 1171      1  44  1     7    4        1           4
## 1172      1  44  1     7    4        1           4
## 1173      1  44  1     7    4        1           4
## 1174      1  44  1     7    4        1           4
## 1175      1  44  1     7    4        1           4
## 1176      1  44  1     7    4        1           4
```

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```
## 1177    1  44  1   7   4    1    4
## 1178    1  44  1   7   4    1    4
## 1179    1  44  1   7   4    1    4
## 1180    1  44  1   7   4    1    4
## 1181    1  20  1  NA   4    1    3
## 1182    1  20  1  NA   4    1    3
## 1183    1  20  1  NA   4    1    3
## 1184    1  20  1  NA   4   NA    3
## 1185    1  20  1  NA   4    1    3
## 1186    1  20  1  NA   4    1    3
## 1187    1  20  1  NA   4    1    3
## 1188    1  20  1  NA   4    1    3
## 1189    1  20  1  NA   4    1    3
## 1190    1  20  1  NA   4   NA    3
## 1191    1  76  1   9   7    0    5
## 1192    1  76  1   9   7    0    5
## 1193    1  76  1   9   7    1    5
## 1194    1  76  1   9   7   NA    5
## 1195    1  76  1   9   7    0    5
## 1196    1  76  1   9   7    0    5
## 1197    1  76  1   9   7    0    5
## 1198    1  76  1   9   7    0    5
## 1199    1  76  1   9   7    0    5
## 1200    1  76  1   9   7    0    5
## 1201    0  54  1   1   6    1    3
## 1202    0  54  1   1   6    1    3
## 1203    0  54  1   1   6    1    3
## 1204    0  54  1   1   6    1    3
## 1205    0  54  1   1   6    1    3
## 1206    0  54  1   1   6    0    3
## 1207    0  54  1   1   6    1    3
## 1208    0  54  1   1   6    1    3
## 1209    0  54  1   1   6    1    3
## 1210    0  54  1   1   6    0    3
## 1211    1  20  1   4   5    0    5
## 1212    1  20  1   4   5    1    5
## 1213    1  20  1   4   5    1    5
## 1214    1  20  1   4   5   NA    5
## 1215    1  20  1   4   5    0    5
## 1216    1  20  1   4   5    1    5
## 1217    1  20  1   4   5    1    5
## 1218    1  20  1   4   5    1    5
## 1219    1  20  1   4   5    0    5
## 1220    1  20  1   4   5    1    5
## 1221    1  37  0   7   4    1   NA
## 1222    1  37  0   7   4    1   NA
## 1223    1  37  0   7   4    1   NA
## 1224    1  37  0   7   4    0   NA
## 1225    1  37  0   7   4    0   NA
## 1226    1  37  0   7   4    1   NA
## 1227    1  37  0   7   4    1   NA
## 1228    1  37  0   7   4    1   NA
## 1229    1  37  0   7   4   NA   NA
## 1230    1  37  0   7   4   NA   NA
```

```
## 1231      1  60   1   6        7        1          1
## 1232      1  60   1   6        7        0          1
## 1233      1  60   1   6        7        1          1
## 1234      1  60   1   6        7        NA         1
## 1235      1  60   1   6        7        1          1
## 1236      1  60   1   6        7        1          1
## 1237      1  60   1   6        7        1          1
## 1238      1  60   1   6        7        1          1
## 1239      1  60   1   6        7        1          1
## 1240      1  60   1   6        7        1          1
## 1241      0  56   1   5        4        1          1
## 1242      0  56   1   5        4        0          1
## 1243      0  56   1   5        4        1          1
## 1244      0  56   1   5        4        0          1
## 1245      0  56   1   5        4        1          1
## 1246      0  56   1   5        4        1          1
## 1247      0  56   1   5        4        1          1
## 1248      0  56   1   5        4        1          1
## 1249      0  56   1   5        4        1          1
## 1250      0  56   1   5        4        1          1
## 1251      1  45   1   1        6        0          5
## 1252      1  45   1   1        6        0          5
## 1253      1  45   1   1        6        1          5
## 1254      1  45   1   1        6        0          5
## 1255      1  45   1   1        6        0          5
## 1256      1  45   1   1        6        0          5
## 1257      1  45   1   1        6        0          5
## 1258      1  45   1   1        6        0          5
## 1259      1  45   1   1        6        0          5
## 1260      1  45   1   1        6        0          5
## 1261      1  45   1   NA       5        1          1
## 1262      1  45   1   NA       5        1          1
## 1263      1  45   1   NA       5        1          1
## 1264      1  45   1   NA       5        NA         1
## 1265      1  45   1   NA       5        0          1
## 1266      1  45   1   NA       5        NA         1
## 1267      1  45   1   NA       5        NA         1
## 1268      1  45   1   NA       5        1          1
## 1269      1  45   1   NA       5        NA         1
## 1270      1  45   1   NA       5        NA         1
## 1271      1  47   1   4        7        0          5
## 1272      1  47   1   4        7        0          5
## 1273      1  47   1   4        7        1          5
## 1274      1  47   1   4        7        0          5
## 1275      1  47   1   4        7        0          5
## 1276      1  47   1   4        7        1          5
## 1277      1  47   1   4        7        0          5
## 1278      1  47   1   4        7        NA         5
## 1279      1  47   1   4        7        0          5
## 1280      1  47   1   4        7        0          5
## 1281      1  30   1   6        6        1          1
## 1282      1  30   1   6        6        1          1
## 1283      1  30   1   6        6        1          1
## 1284      1  30   1   6        6        1          1
```

```
## 1285    1  30   1    6     6    NA   1
## 1286    1  30   1    6     6     0   1
## 1287    1  30   1    6     6     1   1
## 1288    1  30   1    6     6     1   1
## 1289    1  30   1    6     6     1   1
## 1290    1  30   1    6     6     1   1
## 1291    1  64   1   10     7     1   2
## 1292    1  64   1   10     7     1   2
## 1293    1  64   1   10     7     1   2
## 1294    1  64   1   10     7    NA   2
## 1295    1  64   1   10     7     1   2
## 1296    1  64   1   10     7     1   2
## 1297    1  64   1   10     7     1   2
## 1298    1  64   1   10     7     1   2
## 1299    1  64   1   10     7     1   2
## 1300    1  64   1   10     7     1   2
## 1301    1  43   0    4     2     1   1
## 1302    1  43   0    4     2     1   1
## 1303    1  43   0    4     2     1   1
## 1304    1  43   0    4     2     1   1
## 1305    1  43   0    4     2     1   1
## 1306    1  43   0    4     2     1   1
## 1307    1  43   0    4     2     1   1
## 1308    1  43   0    4     2     1   1
## 1309    1  43   0    4     2     1   1
## 1310    1  43   0    4     2     1   1
## 1311    1  31   0    7     5     0   1
## 1312    1  31   0    7     5     0   1
## 1313    1  31   0    7     5     1   1
## 1314    1  31   0    7     5    NA   1
## 1315    1  31   0    7     5    NA   1
## 1316    1  31   0    7     5     0   1
## 1317    1  31   0    7     5     0   1
## 1318    1  31   0    7     5     0   1
## 1319    1  31   0    7     5    NA   1
## 1320    1  31   0    7     5     0   1
## 1321    0  41   0   NA     7     0   1
## 1322    0  41   0   NA     7     1   1
## 1323    0  41   0   NA     7     1   1
## 1324    0  41   0   NA     7     1   1
## 1325    0  41   0   NA     7     1   1
## 1326    0  41   0   NA     7     1   1
## 1327    0  41   0   NA     7     1   1
## 1328    0  41   0   NA     7     1   1
## 1329    0  41   0   NA     7     1   1
## 1330    0  41   0   NA     7     1   1
## 1331    1  57   0   NA     5     1   4
## 1332    1  57   0   NA     5     1   4
## 1333    1  57   0   NA     5     1   4
## 1334    1  57   0   NA     5     0   4
## 1335    1  57   0   NA     5     0   4
## 1336    1  57   0   NA     5     0   4
## 1337    1  57   0   NA     5     0   4
## 1338    1  57   0   NA     5     1   4
```

```
## 1339    1   57   0   NA   5   1    4
## 1340    1   57   0   NA   5   1    4
## 1341    1   30   0   6    2   1    2
## 1342    1   30   0   6    2   1    2
## 1343    1   30   0   6    2   1    2
## 1344    1   30   0   6    2   1    2
## 1345    1   30   0   6    2   NA   2
## 1346    1   30   0   6    2   NA   2
## 1347    1   30   0   6    2   NA   2
## 1348    1   30   0   6    2   1    2
## 1349    1   30   0   6    2   NA   2
## 1350    1   30   0   6    2   1    2
## 1351    0   64   0   4    5   0    1
## 1352    0   64   0   4    5   NA   1
## 1353    0   64   0   4    5   1    1
## 1354    0   64   0   4    5   NA   1
## 1355    0   64   0   4    5   1    1
## 1356    0   64   0   4    5   1    1
## 1357    0   64   0   4    5   1    1
## 1358    0   64   0   4    5   1    1
## 1359    0   64   0   4    5   1    1
## 1360    0   64   0   4    5   1    1
## 1361    1   74   1   NA   7   0    5
## 1362    1   74   1   NA   7   0    5
## 1363    1   74   1   NA   7   NA   5
## 1364    1   74   1   NA   7   0    5
## 1365    1   74   1   NA   7   0    5
## 1366    1   74   1   NA   7   0    5
## 1367    1   74   1   NA   7   0    5
## 1368    1   74   1   NA   7   0    5
## 1369    1   74   1   NA   7   0    5
## 1370    1   74   1   NA   7   0    5
## 1371    1   60   0   9    3   1    1
## 1372    1   60   0   9    3   1    1
## 1373    1   60   0   9    3   1    1
## 1374    1   60   0   9    3   1    1
## 1375    1   60   0   9    3   1    1
## 1376    1   60   0   9    3   1    1
## 1377    1   60   0   9    3   1    1
## 1378    1   60   0   9    3   1    1
## 1379    1   60   0   9    3   1    1
## 1380    1   60   0   9    3   1    1
## 1381    1   63   1   5    8   0    5
## 1382    1   63   1   5    8   1    5
## 1383    1   63   1   5    8   NA   5
## 1384    1   63   1   5    8   0    5
## 1385    1   63   1   5    8   0    5
## 1386    1   63   1   5    8   0    5
## 1387    1   63   1   5    8   0    5
## 1388    1   63   1   5    8   0    5
## 1389    1   63   1   5    8   0    5
## 1390    1   63   1   5    8   0    5
## 1391    1   63   0   5    7   1    1
## 1392    1   63   0   5    7   1    1
```

```
## 1393      1  63   0   5       7         1              1
## 1394      1  63   0   5       7         1              1
## 1395      1  63   0   5       7         1              1
## 1396      1  63   0   5       7         1              1
## 1397      1  63   0   5       7         1              1
## 1398      1  63   0   5       7         1              1
## 1399      1  63   0   5       7         1              1
## 1400      1  63   0   5       7         1              1
## 1401      0  34   0   9       7         1              1
## 1402      0  34   0   9       7         1              1
## 1403      0  34   0   9       7         1              1
## 1404      0  34   0   9       7         1              1
## 1405      0  34   0   9       7         1              1
## 1406      0  34   0   9       7         NA             1
## 1407      0  34   0   9       7         1              1
## 1408      0  34   0   9       7         1              1
## 1409      0  34   0   9       7         1              1
## 1410      0  34   0   9       7         1              1
## 1411      0  53   1   2       7         1              1
## 1412      0  53   1   2       7         1              1
## 1413      0  53   1   2       7         1              1
## 1414      0  53   1   2       7         NA             1
## 1415      0  53   1   2       7         1              1
## 1416      0  53   1   2       7         1              1
## 1417      0  53   1   2       7         1              1
## 1418      0  53   1   2       7         1              1
## 1419      0  53   1   2       7         1              1
## 1420      0  53   1   2       7         1              1
## 1421      1  70   1   6       8         1              1
## 1422      1  70   1   6       8         1              1
## 1423      1  70   1   6       8         1              1
## 1424      1  70   1   6       8         NA             1
## 1425      1  70   1   6       8         1              1
## 1426      1  70   1   6       8         1              1
## 1427      1  70   1   6       8         1              1
## 1428      1  70   1   6       8         1              1
## 1429      1  70   1   6       8         1              1
## 1430      1  70   1   6       8         1              1
## 1431      1  55   1   4       7         0              2
## 1432      1  55   1   4       7         NA             2
## 1433      1  55   1   4       7         NA             2
## 1434      1  55   1   4       7         0              2
## 1435      1  55   1   4       7         1              2
## 1436      1  55   1   4       7         0              2
## 1437      1  55   1   4       7         0              2
## 1438      1  55   1   4       7         1              2
## 1439      1  55   1   4       7         0              2
## 1440      1  55   1   4       7         0              2
## 1441      0  62   0   8       3         1              1
## 1442      0  62   0   8       3         1              1
## 1443      0  62   0   8       3         1              1
## 1444      0  62   0   8       3         1              1
## 1445      0  62   0   8       3         1              1
## 1446      0  62   0   8       3         1              1
```

```
## 1447    0  62   0   8   3    1    1
## 1448    0  62   0   8   3    1    1
## 1449    0  62   0   8   3    1    1
## 1450    0  62   0   8   3    1    1
## 1451    1  76   0   1   7    1    5
## 1452    1  76   0   1   7    1    5
## 1453    1  76   0   1   7    1    5
## 1454    1  76   0   1   7   NA    5
## 1455    1  76   0   1   7    1    5
## 1456    1  76   0   1   7    0    5
## 1457    1  76   0   1   7    1    5
## 1458    1  76   0   1   7    1    5
## 1459    1  76   0   1   7    1    5
## 1460    1  76   0   1   7    0    5
## 1461    1  59   1   9   8    0    4
## 1462    1  59   1   9   8   NA    4
## 1463    1  59   1   9   8   NA    4
## 1464    1  59   1   9   8    0    4
## 1465    1  59   1   9   8    0    4
## 1466    1  59   1   9   8    0    4
## 1467    1  59   1   9   8   NA    4
## 1468    1  59   1   9   8   NA    4
## 1469    1  59   1   9   8    0    4
## 1470    1  59   1   9   8    0    4
## 1471    1  47   0   3   4    1    1
## 1472    1  47   0   3   4    1    1
## 1473    1  47   0   3   4    1    1
## 1474    1  47   0   3   4    1    1
## 1475    1  47   0   3   4    1    1
## 1476    1  47   0   3   4    1    1
## 1477    1  47   0   3   4    1    1
## 1478    1  47   0   3   4    1    1
## 1479    1  47   0   3   4   NA    1
## 1480    1  47   0   3   4    1    1
## 1481    1  64   1   2   7    0    4
## 1482    1  64   1   2   7   NA    4
## 1483    1  64   1   2   7    1    4
## 1484    1  64   1   2   7    0    4
## 1485    1  64   1   2   7    0    4
## 1486    1  64   1   2   7    0    4
## 1487    1  64   1   2   7    0    4
## 1488    1  64   1   2   7    0    4
## 1489    1  64   1   2   7    0    4
## 1490    1  64   1   2   7    0    4
## 1491    1  59   0   4   4    1    1
## 1492    1  59   0   4   4    1    1
## 1493    1  59   0   4   4    1    1
## 1494    1  59   0   4   4   NA    1
## 1495    1  59   0   4   4    1    1
## 1496    1  59   0   4   4    1    1
## 1497    1  59   0   4   4    1    1
## 1498    1  59   0   4   4    1    1
## 1499    1  59   0   4   4    1    1
## 1500    1  59   0   4   4    1    1
```

```
## 1501    1  65  1   7    5    1     2
## 1502    1  65  1   7    5    1     2
## 1503    1  65  1   7    5    1     2
## 1504    1  65  1   7    5    NA    2
## 1505    1  65  1   7    5    1     2
## 1506    1  65  1   7    5    NA    2
## 1507    1  65  1   7    5    1     2
## 1508    1  65  1   7    5    1     2
## 1509    1  65  1   7    5    0     2
## 1510    1  65  1   7    5    1     2
## 1511    1  32  0   NA   3    NA    5
## 1512    1  32  0   NA   3    0     5
## 1513    1  32  0   NA   3    0     5
## 1514    1  32  0   NA   3    0     5
## 1515    1  32  0   NA   3    0     5
## 1516    1  32  0   NA   3    NA    5
## 1517    1  32  0   NA   3    0     5
## 1518    1  32  0   NA   3    0     5
## 1519    1  32  0   NA   3    0     5
## 1520    1  32  0   NA   3    0     5
## 1521    1  51  1   3    7    1     1
## 1522    1  51  1   3    7    1     1
## 1523    1  51  1   3    7    1     1
## 1524    1  51  1   3    7    0     1
## 1525    1  51  1   3    7    1     1
## 1526    1  51  1   3    7    NA    1
## 1527    1  51  1   3    7    1     1
## 1528    1  51  1   3    7    1     1
## 1529    1  51  1   3    7    1     1
## 1530    1  51  1   3    7    1     1
## 1531    1  52  0   12   4    1     1
## 1532    1  52  0   12   4    1     1
## 1533    1  52  0   12   4    1     1
## 1534    1  52  0   12   4    1     1
## 1535    1  52  0   12   4    1     1
## 1536    1  52  0   12   4    NA    1
## 1537    1  52  0   12   4    1     1
## 1538    1  52  0   12   4    1     1
## 1539    1  52  0   12   4    1     1
## 1540    1  52  0   12   4    1     1
## 1541    1  62  1   3    3    1     1
## 1542    1  62  1   3    3    1     1
## 1543    1  62  1   3    3    1     1
## 1544    1  62  1   3    3    NA    1
## 1545    1  62  1   3    3    1     1
## 1546    1  62  1   3    3    NA    1
## 1547    1  62  1   3    3    1     1
## 1548    1  62  1   3    3    1     1
## 1549    1  62  1   3    3    1     1
## 1550    1  62  1   3    3    1     1
## 1551    1  38  0   6    1    0     NA
## 1552    1  38  0   6    1    1     NA
## 1553    1  38  0   6    1    1     NA
## 1554    1  38  0   6    1    0     NA
```

```
## 1555      1  38    0      6        1         0          NA
## 1556      1  38    0      6        1         1          NA
## 1557      1  38    0      6        1         0          NA
## 1558      1  38    0      6        1         1          NA
## 1559      1  38    0      6        1         1          NA
## 1560      1  38    0      6        1         0          NA
## 1561      1  57    0     11        3         1           1
## 1562      1  57    0     11        3         1           1
## 1563      1  57    0     11        3         1           1
## 1564      1  57    0     11        3         0           1
## 1565      1  57    0     11        3         0           1
## 1566      1  57    0     11        3        NA           1
## 1567      1  57    0     11        3         1           1
## 1568      1  57    0     11        3         1           1
## 1569      1  57    0     11        3        NA           1
## 1570      1  57    0     11        3        NA           1
## 1571      0  26    0      6        7         1           1
## 1572      0  26    0      6        7         1           1
## 1573      0  26    0      6        7         1           1
## 1574      0  26    0      6        7         1           1
## 1575      0  26    0      6        7         1           1
## 1576      0  26    0      6        7         1           1
## 1577      0  26    0      6        7         1           1
## 1578      0  26    0      6        7         1           1
## 1579      0  26    0      6        7         1           1
## 1580      0  26    0      6        7         1           1
## 1581      1  66    1     NA        5        NA           5
## 1582      1  66    1     NA        5         1           5
## 1583      1  66    1     NA        5        NA           5
## 1584      1  66    1     NA        5        NA           5
## 1585      1  66    1     NA        5         0           5
## 1586      1  66    1     NA        5         1           5
## 1587      1  66    1     NA        5         0           5
## 1588      1  66    1     NA        5        NA           5
## 1589      1  66    1     NA        5         0           5
## 1590      1  66    1     NA        5        NA           5
## 1591      1  61    0      5        6         1           2
## 1592      1  61    0      5        6         1           2
## 1593      1  61    0      5        6         1           2
## 1594      1  61    0      5        6         0           2
## 1595      1  61    0      5        6         1           2
## 1596      1  61    0      5        6         1           2
## 1597      1  61    0      5        6         1           2
## 1598      1  61    0      5        6         1           2
## 1599      1  61    0      5        6        NA           2
## 1600      1  61    0      5        6         1           2
## 1601      1  51    0      6        3        NA           5
## 1602      1  51    0      6        3        NA           5
## 1603      1  51    0      6        3         1           5
## 1604      1  51    0      6        3         0           5
## 1605      1  51    0      6        3         0           5
## 1606      1  51    0      6        3        NA           5
## 1607      1  51    0      6        3        NA           5
## 1608      1  51    0      6        3         1           5
```

```
## 1609     1  51  0   6   3   0   5
## 1610     1  51  0   6   3  NA   5
## 1611     1  64  0  11   4   1   4
## 1612     1  64  0  11   4   1   4
## 1613     1  64  0  11   4  NA   4
## 1614     1  64  0  11   4   1   4
## 1615     1  64  0  11   4   1   4
## 1616     1  64  0  11   4  NA   4
## 1617     1  64  0  11   4   1   4
## 1618     1  64  0  11   4   1   4
## 1619     1  64  0  11   4  NA   4
## 1620     1  64  0  11   4   1   4
## 1621     1  76  1   3   3   1   1
## 1622     1  76  1   3   3   1   1
## 1623     1  76  1   3   3   1   1
## 1624     1  76  1   3   3  NA   1
## 1625     1  76  1   3   3  NA   1
## 1626     1  76  1   3   3   1   1
## 1627     1  76  1   3   3   1   1
## 1628     1  76  1   3   3   1   1
## 1629     1  76  1   3   3   1   1
## 1630     1  76  1   3   3   1   1
## 1631     1  33  1   3   4   1  NA
## 1632     1  33  1   3   4   1  NA
## 1633     1  33  1   3   4   1  NA
## 1634     1  33  1   3   4   1  NA
## 1635     1  33  1   3   4   1  NA
## 1636     1  33  1   3   4   1  NA
## 1637     1  33  1   3   4   1  NA
## 1638     1  33  1   3   4   1  NA
## 1639     1  33  1   3   4   1  NA
## 1640     1  33  1   3   4  NA  NA
## 1641     1  73  0   3   5   0   1
## 1642     1  73  0   3   5   0   1
## 1643     1  73  0   3   5   1   1
## 1644     1  73  0   3   5   0   1
## 1645     1  73  0   3   5   0   1
## 1646     1  73  0   3   5   0   1
## 1647     1  73  0   3   5   0   1
## 1648     1  73  0   3   5   0   1
## 1649     1  73  0   3   5   0   1
## 1650     1  73  0   3   5   0   1
## 1651     1  59  0   7   4  NA   1
## 1652     1  59  0   7   4   1   1
## 1653     1  59  0   7   4   1   1
## 1654     1  59  0   7   4  NA   1
## 1655     1  59  0   7   4   1   1
## 1656     1  59  0   7   4  NA   1
## 1657     1  59  0   7   4   1   1
## 1658     1  59  0   7   4   1   1
## 1659     1  59  0   7   4   1   1
## 1660     1  59  0   7   4   1   1
## 1661     1  59  0  10   6   0   5
## 1662     1  59  0  10   6   0   5
```

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## 1663      1  59    0    10      6      1       5
## 1664      1  59    0    10      6      NA      5
## 1665      1  59    0    10      6      1       5
## 1666      1  59    0    10      6      0       5
## 1667      1  59    0    10      6      0       5
## 1668      1  59    0    10      6      1       5
## 1669      1  59    0    10      6      0       5
## 1670      1  59    0    10      6      0       5
## 1671      1  37    0    10      5      0       1
## 1672      1  37    0    10      5      NA      1
## 1673      1  37    0    10      5      1       1
## 1674      1  37    0    10      5      1       1
## 1675      1  37    0    10      5      1       1
## 1676      1  37    0    10      5      NA      1
## 1677      1  37    0    10      5      1       1
## 1678      1  37    0    10      5      1       1
## 1679      1  37    0    10      5      1       1
## 1680      1  37    0    10      5      NA      1
## 1681      1  41    0    7       3      1       3
## 1682      1  41    0    7       3      1       3
## 1683      1  41    0    7       3      NA      3
## 1684      1  41    0    7       3      NA      3
## 1685      1  41    0    7       3      NA      3
## 1686      1  41    0    7       3      NA      3
## 1687      1  41    0    7       3      1       3
## 1688      1  41    0    7       3      1       3
## 1689      1  41    0    7       3      1       3
## 1690      1  41    0    7       3      0       3
## 1691      1  65    0    1       7      0       2
## 1692      1  65    0    1       7      NA      2
## 1693      1  65    0    1       7      NA      2
## 1694      1  65    0    1       7      1       2
## 1695      1  65    0    1       7      0       2
## 1696      1  65    0    1       7      1       2
## 1697      1  65    0    1       7      0       2
## 1698      1  65    0    1       7      1       2
## 1699      1  65    0    1       7      1       2
## 1700      1  65    0    1       7      0       2
## 1701      1  35    0    3       2      NA      1
## 1702      1  35    0    3       2      1       1
## 1703      1  35    0    3       2      1       1
## 1704      1  35    0    3       2      1       1
## 1705      1  35    0    3       2      NA      1
## 1706      1  35    0    3       2      1       1
## 1707      1  35    0    3       2      1       1
## 1708      1  35    0    3       2      1       1
## 1709      1  35    0    3       2      1       1
## 1710      1  35    0    3       2      1       1
## 1711      1  45    0    3       2      1       4
## 1712      1  45    0    3       2      1       4
## 1713      1  45    0    3       2      NA      4
## 1714      1  45    0    3       2      NA      4
## 1715      1  45    0    3       2      NA      4
## 1716      1  45    0    3       2      NA      4
```

```
## 1717          1  45  0   3   2   1    4
## 1718          1  45  0   3   2   1    4
## 1719          1  45  0   3   2   NA   4
## 1720          1  45  0   3   2   NA   4
## 1721          1  72  1   5   7   0    4
## 1722          1  72  1   5   7   0    4
## 1723          1  72  1   5   7   NA   4
## 1724          1  72  1   5   7   NA   4
## 1725          1  72  1   5   7   0    4
## 1726          1  72  1   5   7   0    4
## 1727          1  72  1   5   7   0    4
## 1728          1  72  1   5   7   0    4
## 1729          1  72  1   5   7   0    4
## 1730          1  72  1   5   7   0    4
## 1731          1  76  0   5   6   0    5
## 1732          1  76  0   5   6   NA   5
## 1733          1  76  0   5   6   1    5
## 1734          1  76  0   5   6   NA   5
## 1735          1  76  0   5   6   NA   5
## 1736          1  76  0   5   6   0    5
## 1737          1  76  0   5   6   0    5
## 1738          1  76  0   5   6   1    5
## 1739          1  76  0   5   6   NA   5
## 1740          1  76  0   5   6   1    5
## 1741          1  68  0   4   3   1    1
## 1742          1  68  0   4   3   1    1
## 1743          1  68  0   4   3   1    1
## 1744          1  68  0   4   3   1    1
## 1745          1  68  0   4   3   1    1
## 1746          1  68  0   4   3   1    1
## 1747          1  68  0   4   3   1    1
## 1748          1  68  0   4   3   1    1
## 1749          1  68  0   4   3   1    1
## 1750          1  68  0   4   3   1    1
## 1751          1  69  0  12   6   1    1
## 1752          1  69  0  12   6   1    1
## 1753          1  69  0  12   6   1    1
## 1754          1  69  0  12   6   1    1
## 1755          1  69  0  12   6   0    1
## 1756          1  69  0  12   6   1    1
## 1757          1  69  0  12   6   1    1
## 1758          1  69  0  12   6   0    1
## 1759          1  69  0  12   6   1    1
## 1760          1  69  0  12   6   1    1
## 1761          1  66  0  NA   7   1    1
## 1762          1  66  0  NA   7   1    1
## 1763          1  66  0  NA   7   1    1
## 1764          1  66  0  NA   7   1    1
## 1765          1  66  0  NA   7   1    1
## 1766          1  66  0  NA   7   1    1
## 1767          1  66  0  NA   7   1    1
## 1768          1  66  0  NA   7   1    1
## 1769          1  66  0  NA   7   1    1
## 1770          1  66  0  NA   7   1    1
```

```
## 1771     1  40  1  10     5        1              1
## 1772     1  40  1  10     5        1              1
## 1773     1  40  1  10     5        1              1
## 1774     1  40  1  10     5        1              1
## 1775     1  40  1  10     5        1              1
## 1776     1  40  1  10     5        1              1
## 1777     1  40  1  10     5        1              1
## 1778     1  40  1  10     5        1              1
## 1779     1  40  1  10     5        1              1
## 1780     1  40  1  10     5        1              1
## 1781     1  71  1  NA     7        1              1
## 1782     1  71  1  NA     7        1              1
## 1783     1  71  1  NA     7        1              1
## 1784     1  71  1  NA     7        NA             1
## 1785     1  71  1  NA     7        1              1
## 1786     1  71  1  NA     7        1              1
## 1787     1  71  1  NA     7        1              1
## 1788     1  71  1  NA     7        1              1
## 1789     1  71  1  NA     7        1              1
## 1790     1  71  1  NA     7        1              1
## 1791     1  72  0  4      6        1              1
## 1792     1  72  0  4      6        1              1
## 1793     1  72  0  4      6        1              1
## 1794     1  72  0  4      6        1              1
## 1795     1  72  0  4      6        1              1
## 1796     1  72  0  4      6        1              1
## 1797     1  72  0  4      6        1              1
## 1798     1  72  0  4      6        1              1
## 1799     1  72  0  4      6        1              1
## 1800     1  72  0  4      6        1              1
## 1801     1  81  0  6      6        0              5
## 1802     1  81  0  6      6        0              5
## 1803     1  81  0  6      6        0              5
## 1804     1  81  0  6      6        0              5
## 1805     1  81  0  6      6        0              5
## 1806     1  81  0  6      6        1              5
## 1807     1  81  0  6      6        0              5
## 1808     1  81  0  6      6        0              5
## 1809     1  81  0  6      6        0              5
## 1810     1  81  0  6      6        0              5
## 1811     1  66  0  10     7        0              4
## 1812     1  66  0  10     7        NA             4
## 1813     1  66  0  10     7        1              4
## 1814     1  66  0  10     7        0              4
## 1815     1  66  0  10     7        0              4
## 1816     1  66  0  10     7        NA             4
## 1817     1  66  0  10     7        0              4
## 1818     1  66  0  10     7        0              4
## 1819     1  66  0  10     7        1              4
## 1820     1  66  0  10     7        0              4
## 1821     1  39  0  11     6        1              1
## 1822     1  39  0  11     6        1              1
## 1823     1  39  0  11     6        1              1
## 1824     1  39  0  11     6        NA             1
```

```
## 1825    1  39  0  11   6     1     1
## 1826    1  39  0  11   6     1     1
## 1827    1  39  0  11   6     1     1
## 1828    1  39  0  11   6     1     1
## 1829    1  39  0  11   6     1     1
## 1830    1  39  0  11   6     1     1
## 1831    1  74  1   2   5     1     1
## 1832    1  74  1   2   5     1     1
## 1833    1  74  1   2   5     1     1
## 1834    1  74  1   2   5    NA     1
## 1835    1  74  1   2   5     1     1
## 1836    1  74  1   2   5     0     1
## 1837    1  74  1   2   5     1     1
## 1838    1  74  1   2   5     1     1
## 1839    1  74  1   2   5     1     1
## 1840    1  74  1   2   5     1     1
## 1841    1  69  1   9   5     1     1
## 1842    1  69  1   9   5     1     1
## 1843    1  69  1   9   5     1     1
## 1844    1  69  1   9   5     1     1
## 1845    1  69  1   9   5     1     1
## 1846    1  69  1   9   5     1     1
## 1847    1  69  1   9   5     1     1
## 1848    1  69  1   9   5     1     1
## 1849    1  69  1   9   5     1     1
## 1850    1  69  1   9   5     1     1
## 1851    1  66  0   3   6     1     4
## 1852    1  66  0   3   6     1     4
## 1853    1  66  0   3   6     1     4
## 1854    1  66  0   3   6     1     4
## 1855    1  66  0   3   6    NA     4
## 1856    1  66  0   3   6     0     4
## 1857    1  66  0   3   6     1     4
## 1858    1  66  0   3   6     1     4
## 1859    1  66  0   3   6    NA     4
## 1860    1  66  0   3   6    NA     4
## 1861    0  61  0   3   6     1     1
## 1862    0  61  0   3   6     1     1
## 1863    0  61  0   3   6     1     1
## 1864    0  61  0   3   6    NA     1
## 1865    0  61  0   3   6     1     1
## 1866    0  61  0   3   6     1     1
## 1867    0  61  0   3   6    NA     1
## 1868    0  61  0   3   6     1     1
## 1869    0  61  0   3   6     1     1
## 1870    0  61  0   3   6     1     1
## 1871    0  77  0   8   4     1     4
## 1872    0  77  0   8   4     0     4
## 1873    0  77  0   8   4     1     4
## 1874    0  77  0   8   4     1     4
## 1875    0  77  0   8   4     0     4
## 1876    0  77  0   8   4     1     4
## 1877    0  77  0   8   4     0     4
## 1878    0  77  0   8   4     1     4
```

```
## 1879          0   77   0     8          4          1          4
## 1880          0   77   0     8          4          0          4
## 1881          1   37   1     5          6          0          3
## 1882          1   37   1     5          6          1          3
## 1883          1   37   1     5          6          1          3
## 1884          1   37   1     5          6          1          3
## 1885          1   37   1     5          6          NA         3
## 1886          1   37   1     5          6          1          3
## 1887          1   37   1     5          6          NA         3
## 1888          1   37   1     5          6          1          3
## 1889          1   37   1     5          6          1          3
## 1890          1   37   1     5          6          0          3
## 1891          1   41   0     6          3          0          4
## 1892          1   41   0     6          3          1          4
## 1893          1   41   0     6          3          0          4
## 1894          1   41   0     6          3          1          4
## 1895          1   41   0     6          3          1          4
## 1896          1   41   0     6          3          1          4
## 1897          1   41   0     6          3          1          4
## 1898          1   41   0     6          3          1          4
## 1899          1   41   0     6          3          1          4
## 1900          1   41   0     6          3          1          4
## 1901          1   54   0     NA         7          1          2
## 1902          1   54   0     NA         7          1          2
## 1903          1   54   0     NA         7          NA         2
## 1904          1   54   0     NA         7          NA         2
## 1905          1   54   0     NA         7          1          2
## 1906          1   54   0     NA         7          1          2
## 1907          1   54   0     NA         7          NA         2
## 1908          1   54   0     NA         7          1          2
## 1909          1   54   0     NA         7          NA         2
## 1910          1   54   0     NA         7          0          2
## 1911          1   87   1     NA         5          0          5
## 1912          1   87   1     NA         5          NA         5
## 1913          1   87   1     NA         5          NA         5
## 1914          1   87   1     NA         5          0          5
## 1915          1   87   1     NA         5          NA         5
## 1916          1   87   1     NA         5          0          5
## 1917          1   87   1     NA         5          0          5
## 1918          1   87   1     NA         5          0          5
## 1919          1   87   1     NA         5          0          5
## 1920          1   87   1     NA         5          0          5
## 1921          1   39   1     8          6          0          1
## 1922          1   39   1     8          6          0          1
## 1923          1   39   1     8          6          NA         1
## 1924          1   39   1     8          6          NA         1
## 1925          1   39   1     8          6          0          1
## 1926          1   39   1     8          6          NA         1
## 1927          1   39   1     8          6          1          1
## 1928          1   39   1     8          6          0          1
## 1929          1   39   1     8          6          NA         1
## 1930          1   39   1     8          6          NA         1
## 1931          0   35   1     1          4          1          3
## 1932          0   35   1     1          4          0          3
```

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```
## 1933      0  35   1    1    4      1        3
## 1934      0  35   1    1    4      NA       3
## 1935      0  35   1    1    4      NA       3
## 1936      0  35   1    1    4      0        3
## 1937      0  35   1    1    4      0        3
## 1938      0  35   1    1    4      0        3
## 1939      0  35   1    1    4      0        3
## 1940      0  35   1    1    4      0        3
## 1941      1  57   0    5    5      1        1
## 1942      1  57   0    5    5      1        1
## 1943      1  57   0    5    5      1        1
## 1944      1  57   0    5    5      1        1
## 1945      1  57   0    5    5      1        1
## 1946      1  57   0    5    5      1        1
## 1947      1  57   0    5    5      1        1
## 1948      1  57   0    5    5      1        1
## 1949      1  57   0    5    5      1        1
## 1950      1  57   0    5    5      1        1
## 1951      1  60   0    9    6      0        5
## 1952      1  60   0    9    6      1        5
## 1953      1  60   0    9    6      1        5
## 1954      1  60   0    9    6      0        5
## 1955      1  60   0    9    6      0        5
## 1956      1  60   0    9    6      1        5
## 1957      1  60   0    9    6      0        5
## 1958      1  60   0    9    6      1        5
## 1959      1  60   0    9    6      1        5
## 1960      1  60   0    9    6      0        5
## 1961      1  35   0    5    0      0        2
## 1962      1  35   0    5    0      NA       2
## 1963      1  35   0    5    0      1        2
## 1964      1  35   0    5    0      1        2
## 1965      1  35   0    5    0      1        2
## 1966      1  35   0    5    0      NA       2
## 1967      1  35   0    5    0      1        2
## 1968      1  35   0    5    0      1        2
## 1969      1  35   0    5    0      1        2
## 1970      1  35   0    5    0      1        2
## 1971      1  78   0    7    7      0        5
## 1972      1  78   0    7    7      0        5
## 1973      1  78   0    7    7      0        5
## 1974      1  78   0    7    7      0        5
## 1975      1  78   0    7    7      1        5
## 1976      1  78   0    7    7      1        5
## 1977      1  78   0    7    7      0        5
## 1978      1  78   0    7    7      1        5
## 1979      1  78   0    7    7      0        5
## 1980      1  78   0    7    7      0        5
## 1981      1  68   0    7    4      1        4
## 1982      1  68   0    7    4      1        4
## 1983      1  68   0    7    4      1        4
## 1984      1  68   0    7    4      NA       4
## 1985      1  68   0    7    4      0        4
## 1986      1  68   0    7    4      1        4
```

```
## 1987    1  68  0   7   4   1    4
## 1988    1  68  0   7   4   1    4
## 1989    1  68  0   7   4   NA   4
## 1990    1  68  0   7   4   1    4
## 1991    1  66  1   NA  8   1    1
## 1992    1  66  1   NA  8   1    1
## 1993    1  66  1   NA  8   1    1
## 1994    1  66  1   NA  8   1    1
## 1995    1  66  1   NA  8   1    1
## 1996    1  66  1   NA  8   1    1
## 1997    1  66  1   NA  8   1    1
## 1998    1  66  1   NA  8   1    1
## 1999    1  66  1   NA  8   1    1
## 2000    1  66  1   NA  8   1    1
## 2001    1  69  0   9   8   0    2
## 2002    1  69  0   9   8   1    2
## 2003    1  69  0   9   8   1    2
## 2004    1  69  0   9   8   NA   2
## 2005    1  69  0   9   8   1    2
## 2006    1  69  0   9   8   0    2
## 2007    1  69  0   9   8   0    2
## 2008    1  69  0   9   8   1    2
## 2009    1  69  0   9   8   NA   2
## 2010    1  69  0   9   8   0    2
## 2011    1  45  1   NA  6   0    4
## 2012    1  45  1   NA  6   0    4
## 2013    1  45  1   NA  6   0    4
## 2014    1  45  1   NA  6   0    4
## 2015    1  45  1   NA  6   0    4
## 2016    1  45  1   NA  6   NA   4
## 2017    1  45  1   NA  6   0    4
## 2018    1  45  1   NA  6   0    4
## 2019    1  45  1   NA  6   0    4
## 2020    1  45  1   NA  6   0    4
## 2021    1  42  0   5   2   1    1
## 2022    1  42  0   5   2   1    1
## 2023    1  42  0   5   2   1    1
## 2024    1  42  0   5   2   1    1
## 2025    1  42  0   5   2   1    1
## 2026    1  42  0   5   2   1    1
## 2027    1  42  0   5   2   1    1
## 2028    1  42  0   5   2   1    1
## 2029    1  42  0   5   2   1    1
## 2030    1  42  0   5   2   1    1
## 2031    0  29  0   5   6   0    1
## 2032    0  29  0   5   6   0    1
## 2033    0  29  0   5   6   1    1
## 2034    0  29  0   5   6   0    1
## 2035    0  29  0   5   6   1    1
## 2036    0  29  0   5   6   0    1
## 2037    0  29  0   5   6   0    1
## 2038    0  29  0   5   6   0    1
## 2039    0  29  0   5   6   0    1
## 2040    0  29  0   5   6   1    1
```

```
## 2041      1  86   0   NA      7         1              1
## 2042      1  86   0   NA      7         1              1
## 2043      1  86   0   NA      7         1              1
## 2044      1  86   0   NA      7         NA             1
## 2045      1  86   0   NA      7         1              1
## 2046      1  86   0   NA      7         1              1
## 2047      1  86   0   NA      7         1              1
## 2048      1  86   0   NA      7         1              1
## 2049      1  86   0   NA      7         1              1
## 2050      1  86   0   NA      7         1              1
## 2051      1  30   0   9       1         1              NA
## 2052      1  30   0   9       1         0              NA
## 2053      1  30   0   9       1         1              NA
## 2054      1  30   0   9       1         1              NA
## 2055      1  30   0   9       1         1              NA
## 2056      1  30   0   9       1         0              NA
## 2057      1  30   0   9       1         1              NA
## 2058      1  30   0   9       1         0              NA
## 2059      1  30   0   9       1         0              NA
## 2060      1  30   0   9       1         0              NA
## 2061      1  54   1   9       7         0              2
## 2062      1  54   1   9       7         1              2
## 2063      1  54   1   9       7         0              2
## 2064      1  54   1   9       7         0              2
## 2065      1  54   1   9       7         0              2
## 2066      1  54   1   9       7         NA             2
## 2067      1  54   1   9       7         0              2
## 2068      1  54   1   9       7         0              2
## 2069      1  54   1   9       7         NA             2
## 2070      1  54   1   9       7         0              2
## 2071      1  53   0   6       2         NA             4
## 2072      1  53   0   6       2         NA             4
## 2073      1  53   0   6       2         1              4
## 2074      1  53   0   6       2         0              4
## 2075      1  53   0   6       2         0              4
## 2076      1  53   0   6       2         0              4
## 2077      1  53   0   6       2         NA             4
## 2078      1  53   0   6       2         1              4
## 2079      1  53   0   6       2         0              4
## 2080      1  53   0   6       2         0              4
## 2081      1  64   0   6       4         1              2
## 2082      1  64   0   6       4         1              2
## 2083      1  64   0   6       4         1              2
## 2084      1  64   0   6       4         NA             2
## 2085      1  64   0   6       4         1              2
## 2086      1  64   0   6       4         0              2
## 2087      1  64   0   6       4         0              2
## 2088      1  64   0   6       4         1              2
## 2089      1  64   0   6       4         1              2
## 2090      1  64   0   6       4         1              2
## 2091      1  64   0   7       6         NA             5
## 2092      1  64   0   7       6         1              5
## 2093      1  64   0   7       6         0              5
## 2094      1  64   0   7       6         0              5
```

```
## 2095   1   64   0    7    6    0    5
## 2096   1   64   0    7    6    1    5
## 2097   1   64   0    7    6    0    5
## 2098   1   64   0    7    6    1    5
## 2099   1   64   0    7    6    0    5
## 2100   1   64   0    7    6    0    5
## 2101   1   35   0    9    7    1    1
## 2102   1   35   0    9    7    1    1
## 2103   1   35   0    9    7    1    1
## 2104   1   35   0    9    7   NA    1
## 2105   1   35   0    9    7    1    1
## 2106   1   35   0    9    7   NA    1
## 2107   1   35   0    9    7    1    1
## 2108   1   35   0    9    7    1    1
## 2109   1   35   0    9    7    1    1
## 2110   1   35   0    9    7    1    1
## 2111   0   26   0   NA    0    1   NA
## 2112   0   26   0   NA    0    0   NA
## 2113   0   26   0   NA    0   NA   NA
## 2114   0   26   0   NA    0    0   NA
## 2115   0   26   0   NA    0    1   NA
## 2116   0   26   0   NA    0    0   NA
## 2117   0   26   0   NA    0    1   NA
## 2118   0   26   0   NA    0    0   NA
## 2119   0   26   0   NA    0   NA   NA
## 2120   0   26   0   NA    0   NA   NA
## 2121   1   57   1   NA    8    1    5
## 2122   1   57   1   NA    8    1    5
## 2123   1   57   1   NA    8    1    5
## 2124   1   57   1   NA    8   NA    5
## 2125   1   57   1   NA    8    1    5
## 2126   1   57   1   NA    8    1    5
## 2127   1   57   1   NA    8    1    5
## 2128   1   57   1   NA    8    1    5
## 2129   1   57   1   NA    8    1    5
## 2130   1   57   1   NA    8    1    5
## 2131   1   64   1    9    7    0    5
## 2132   1   64   1    9    7    0    5
## 2133   1   64   1    9    7    1    5
## 2134   1   64   1    9    7    0    5
## 2135   1   64   1    9    7   NA    5
## 2136   1   64   1    9    7    0    5
## 2137   1   64   1    9    7    0    5
## 2138   1   64   1    9    7    1    5
## 2139   1   64   1    9    7    1    5
## 2140   1   64   1    9    7    1    5
## 2141   0   46   1    4    3    1    4
## 2142   0   46   1    4    3    1    4
## 2143   0   46   1    4    3    1    4
## 2144   0   46   1    4    3   NA    4
## 2145   0   46   1    4    3    0    4
## 2146   0   46   1    4    3    1    4
## 2147   0   46   1    4    3    1    4
## 2148   0   46   1    4    3    0    4
```

```
## 2149          0   46    1     4        3           0              4
## 2150          0   46    1     4        3           1              4
## 2151          1   69    0    10        8           1              1
## 2152          1   69    0    10        8           1              1
## 2153          1   69    0    10        8           1              1
## 2154          1   69    0    10        8           1              1
## 2155          1   69    0    10        8           1              1
## 2156          1   69    0    10        8           1              1
## 2157          1   69    0    10        8           1              1
## 2158          1   69    0    10        8           1              1
## 2159          1   69    0    10        8           1              1
## 2160          1   69    0    10        8           1              1
## 2161          1   71    1    12        8           1              1
## 2162          1   71    1    12        8           1              1
## 2163          1   71    1    12        8           1              1
## 2164          1   71    1    12        8           1              1
## 2165          1   71    1    12        8           1              1
## 2166          1   71    1    12        8           1              1
## 2167          1   71    1    12        8           1              1
## 2168          1   71    1    12        8           1              1
## 2169          1   71    1    12        8           1              1
## 2170          1   71    1    12        8           1              1
## 2171          1   53    0     2        1           1              3
## 2172          1   53    0     2        1           1              3
## 2173          1   53    0     2        1           0              3
## 2174          1   53    0     2        1           0              3
## 2175          1   53    0     2        1           1              3
## 2176          1   53    0     2        1           1              3
## 2177          1   53    0     2        1           1              3
## 2178          1   53    0     2        1           1              3
## 2179          1   53    0     2        1           1              3
## 2180          1   53    0     2        1          NA              3
## 2181          1   80    1     7        4           0              5
## 2182          1   80    1     7        4           0              5
## 2183          1   80    1     7        4          NA              5
## 2184          1   80    1     7        4          NA              5
## 2185          1   80    1     7        4           1              5
## 2186          1   80    1     7        4           0              5
## 2187          1   80    1     7        4           0              5
## 2188          1   80    1     7        4           0              5
## 2189          1   80    1     7        4           0              5
## 2190          1   80    1     7        4           0              5
## 2191          1   70    1    NA        4           1              1
## 2192          1   70    1    NA        4           1              1
## 2193          1   70    1    NA        4           1              1
## 2194          1   70    1    NA        4           1              1
## 2195          1   70    1    NA        4           1              1
## 2196          1   70    1    NA        4          NA              1
## 2197          1   70    1    NA        4           1              1
## 2198          1   70    1    NA        4           1              1
## 2199          1   70    1    NA        4           1              1
## 2200          1   70    1    NA        4           1              1
## 2201          1   59    0     9        5           1              1
## 2202          1   59    0     9        5           1              1
```

```
## 2203      1  59   0    9         5         1          1
## 2204      1  59   0    9         5         1          1
## 2205      1  59   0    9         5         1          1
## 2206      1  59   0    9         5         1          1
## 2207      1  59   0    9         5         1          1
## 2208      1  59   0    9         5         1          1
## 2209      1  59   0    9         5         1          1
## 2210      1  59   0    9         5         1          1
## 2211      1  72   0    4         8         0          4
## 2212      1  72   0    4         8         0          4
## 2213      1  72   0    4         8         0          4
## 2214      1  72   0    4         8         0          4
## 2215      1  72   0    4         8         0          4
## 2216      1  72   0    4         8         0          4
## 2217      1  72   0    4         8         0          4
## 2218      1  72   0    4         8         0          4
## 2219      1  72   0    4         8         0          4
## 2220      1  72   0    4         8         0          4
## 2221      1  59   0    6         6         0          5
## 2222      1  59   0    6         6         0          5
## 2223      1  59   0    6         6         1          5
## 2224      1  59   0    6         6         0          5
## 2225      1  59   0    6         6        NA          5
## 2226      1  59   0    6         6        NA          5
## 2227      1  59   0    6         6         1          5
## 2228      1  59   0    6         6         1          5
## 2229      1  59   0    6         6         0          5
## 2230      1  59   0    6         6         0          5
## 2231      1  37   0    5         4         1          1
## 2232      1  37   0    5         4         1          1
## 2233      1  37   0    5         4         1          1
## 2234      1  37   0    5         4        NA          1
## 2235      1  37   0    5         4         1          1
## 2236      1  37   0    5         4         1          1
## 2237      1  37   0    5         4         1          1
## 2238      1  37   0    5         4         1          1
## 2239      1  37   0    5         4         1          1
## 2240      1  37   0    5         4         1          1
## 2241      1  56   0    2         3         0          3
## 2242      1  56   0    2         3         0          3
## 2243      1  56   0    2         3         1          3
## 2244      1  56   0    2         3        NA          3
## 2245      1  56   0    2         3         1          3
## 2246      1  56   0    2         3        NA          3
## 2247      1  56   0    2         3        NA          3
## 2248      1  56   0    2         3         1          3
## 2249      1  56   0    2         3         1          3
## 2250      1  56   0    2         3        NA          3
## 2251      1  55   1    4         0         1          4
## 2252      1  55   1    4         0        NA          4
## 2253      1  55   1    4         0        NA          4
## 2254      1  55   1    4         0         0          4
## 2255      1  55   1    4         0        NA          4
## 2256      1  55   1    4         0         0          4
```

```
## 2257      1   55   1    4       0       0        4
## 2258      1   55   1    4       0       1        4
## 2259      1   55   1    4       0       1        4
## 2260      1   55   1    4       0       NA       4
## 2261      1   69   0    7       6       0        5
## 2262      1   69   0    7       6       0        5
## 2263      1   69   0    7       6       1        5
## 2264      1   69   0    7       6       0        5
## 2265      1   69   0    7       6       0        5
## 2266      1   69   0    7       6       0        5
## 2267      1   69   0    7       6       0        5
## 2268      1   69   0    7       6       1        5
## 2269      1   69   0    7       6       0        5
## 2270      1   69   0    7       6       0        5
## 2271      1   76   1   13       8       1        1
## 2272      1   76   1   13       8       1        1
## 2273      1   76   1   13       8       1        1
## 2274      1   76   1   13       8       1        1
## 2275      1   76   1   13       8       1        1
## 2276      1   76   1   13       8       1        1
## 2277      1   76   1   13       8       1        1
## 2278      1   76   1   13       8       1        1
## 2279      1   76   1   13       8       1        1
## 2280      1   76   1   13       8       1        1
## 2281      1   72   1   NA       7       0        4
## 2282      1   72   1   NA       7       1        4
## 2283      1   72   1   NA       7       1        4
## 2284      1   72   1   NA       7       0        4
## 2285      1   72   1   NA       7       1        4
## 2286      1   72   1   NA       7       0        4
## 2287      1   72   1   NA       7       0        4
## 2288      1   72   1   NA       7       0        4
## 2289      1   72   1   NA       7       0        4
## 2290      1   72   1   NA       7       0        4
## 2291      1   27   1    6       2       1        2
## 2292      1   27   1    6       2       1        2
## 2293      1   27   1    6       2       1        2
## 2294      1   27   1    6       2       NA       2
## 2295      1   27   1    6       2       0        2
## 2296      1   27   1    6       2       1        2
## 2297      1   27   1    6       2       1        2
## 2298      1   27   1    6       2       1        2
## 2299      1   27   1    6       2       1        2
## 2300      1   27   1    6       2       1        2
## 2301      1   65   1   NA       5       0        2
## 2302      1   65   1   NA       5       1        2
## 2303      1   65   1   NA       5       0        2
## 2304      1   65   1   NA       5       NA       2
## 2305      1   65   1   NA       5       1        2
## 2306      1   65   1   NA       5       0        2
## 2307      1   65   1   NA       5       1        2
## 2308      1   65   1   NA       5       0        2
## 2309      1   65   1   NA       5       0        2
## 2310      1   65   1   NA       5       0        2
```

```
## 2311     1  55    0    12        4            1                1
## 2312     1  55    0    12        4            1                1
## 2313     1  55    0    12        4            1                1
## 2314     1  55    0    12        4            1                1
## 2315     1  55    0    12        4           NA                1
## 2316     1  55    0    12        4            1                1
## 2317     1  55    0    12        4            1                1
## 2318     1  55    0    12        4            1                1
## 2319     1  55    0    12        4            1                1
## 2320     1  55    0    12        4            1                1
## 2321     1  67    0     8        6            1                1
## 2322     1  67    0     8        6            1                1
## 2323     1  67    0     8        6            1                1
## 2324     1  67    0     8        6            1                1
## 2325     1  67    0     8        6            1                1
## 2326     1  67    0     8        6            1                1
## 2327     1  67    0     8        6            1                1
## 2328     1  67    0     8        6            1                1
## 2329     1  67    0     8        6            1                1
## 2330     1  67    0     8        6            1                1
## 2331     0  46    0     2        1            1                1
## 2332     0  46    0     2        1            1                1
## 2333     0  46    0     2        1            1                1
## 2334     0  46    0     2        1            0                1
## 2335     0  46    0     2        1            1                1
## 2336     0  46    0     2        1            1                1
## 2337     0  46    0     2        1            1                1
## 2338     0  46    0     2        1            1                1
## 2339     0  46    0     2        1            1                1
## 2340     0  46    0     2        1            1                1
## 2341     1  64    1     3        8            1                4
## 2342     1  64    1     3        8            1                4
## 2343     1  64    1     3        8           NA                4
## 2344     1  64    1     3        8            0                4
## 2345     1  64    1     3        8            0                4
## 2346     1  64    1     3        8            0                4
## 2347     1  64    1     3        8            0                4
## 2348     1  64    1     3        8            0                4
## 2349     1  64    1     3        8            0                4
## 2350     1  64    1     3        8            0                4
## 2351     1  79    0     5        3           NA                1
## 2352     1  79    0     5        3            1                1
## 2353     1  79    0     5        3           NA                1
## 2354     1  79    0     5        3            1                1
## 2355     1  79    0     5        3            1                1
## 2356     1  79    0     5        3           NA                1
## 2357     1  79    0     5        3           NA                1
## 2358     1  79    0     5        3           NA                1
## 2359     1  79    0     5        3           NA                1
## 2360     1  79    0     5        3           NA                1
## 2361     1  77    0     4        5            0                4
## 2362     1  77    0     4        5            1                4
## 2363     1  77    0     4        5            1                4
## 2364     1  77    0     4        5           NA                4
```

```
## 2365     1   77   0    4    5     0       4
## 2366     1   77   0    4    5    NA       4
## 2367     1   77   0    4    5     0       4
## 2368     1   77   0    4    5     1       4
## 2369     1   77   0    4    5     0       4
## 2370     1   77   0    4    5     1       4
## 2371     1   76   0    4    5    NA       5
## 2372     1   76   0    4    5    NA       5
## 2373     1   76   0    4    5    NA       5
## 2374     1   76   0    4    5     0       5
## 2375     1   76   0    4    5     0       5
## 2376     1   76   0    4    5     0       5
## 2377     1   76   0    4    5     0       5
## 2378     1   76   0    4    5     0       5
## 2379     1   76   0    4    5     0       5
## 2380     1   76   0    4    5     0       5
## 2381     1   52   0    3    2     1       1
## 2382     1   52   0    3    2     1       1
## 2383     1   52   0    3    2     1       1
## 2384     1   52   0    3    2    NA       1
## 2385     1   52   0    3    2     1       1
## 2386     1   52   0    3    2    NA       1
## 2387     1   52   0    3    2     1       1
## 2388     1   52   0    3    2     1       1
## 2389     1   52   0    3    2     1       1
## 2390     1   52   0    3    2     1       1
## 2391     1   68   1   NA    6     0       5
## 2392     1   68   1   NA    6     0       5
## 2393     1   68   1   NA    6     0       5
## 2394     1   68   1   NA    6     0       5
## 2395     1   68   1   NA    6     0       5
## 2396     1   68   1   NA    6     0       5
## 2397     1   68   1   NA    6     0       5
## 2398     1   68   1   NA    6     0       5
## 2399     1   68   1   NA    6     0       5
## 2400     1   68   1   NA    6     0       5
## 2401     1   61   1    2    5     0       4
## 2402     1   61   1    2    5    NA       4
## 2403     1   61   1    2    5     0       4
## 2404     1   61   1    2    5    NA       4
## 2405     1   61   1    2    5     1       4
## 2406     1   61   1    2    5     1       4
## 2407     1   61   1    2    5     0       4
## 2408     1   61   1    2    5     1       4
## 2409     1   61   1    2    5     1       4
## 2410     1   61   1    2    5    NA       4
## 2411     1   64   0    2    4     0       5
## 2412     1   64   0    2    4     0       5
## 2413     1   64   0    2    4     0       5
## 2414     1   64   0    2    4    NA       5
## 2415     1   64   0    2    4     0       5
## 2416     1   64   0    2    4     1       5
## 2417     1   64   0    2    4     0       5
## 2418     1   64   0    2    4    NA       5
```

```
## 2419       1    64     0      2       4         0            5
## 2420       1    64     0      2       4         0            5
## 2421       1    52     0      7       5         1            1
## 2422       1    52     0      7       5         1            1
## 2423       1    52     0      7       5         1            1
## 2424       1    52     0      7       5        NA            1
## 2425       1    52     0      7       5         0            1
## 2426       1    52     0      7       5         1            1
## 2427       1    52     0      7       5        NA            1
## 2428       1    52     0      7       5         1            1
## 2429       1    52     0      7       5         1            1
## 2430       1    52     0      7       5         1            1
## 2431       1    26     0      6       5         0            5
## 2432       1    26     0      6       5         1            5
## 2433       1    26     0      6       5         1            5
## 2434       1    26     0      6       5         1            5
## 2435       1    26     0      6       5         0            5
## 2436       1    26     0      6       5         1            5
## 2437       1    26     0      6       5         1            5
## 2438       1    26     0      6       5         1            5
## 2439       1    26     0      6       5         1            5
## 2440       1    26     0      6       5         1            5
## 2441       1    69     1      7       4         0            5
## 2442       1    69     1      7       4         0            5
## 2443       1    69     1      7       4         0            5
## 2444       1    69     1      7       4         0            5
## 2445       1    69     1      7       4         0            5
## 2446       1    69     1      7       4         0            5
## 2447       1    69     1      7       4         0            5
## 2448       1    69     1      7       4         0            5
## 2449       1    69     1      7       4         0            5
## 2450       1    69     1      7       4         0            5
## 2451       0    32     0     12       6         0            5
## 2452       0    32     0     12       6         0            5
## 2453       0    32     0     12       6         0            5
## 2454       0    32     0     12       6        NA            5
## 2455       0    32     0     12       6         0            5
## 2456       0    32     0     12       6         0            5
## 2457       0    32     0     12       6         0            5
## 2458       0    32     0     12       6         0            5
## 2459       0    32     0     12       6         0            5
## 2460       0    32     0     12       6         0            5
## 2461       1    42     1      6       8         1            1
## 2462       1    42     1      6       8         1            1
## 2463       1    42     1      6       8         1            1
## 2464       1    42     1      6       8         1            1
## 2465       1    42     1      6       8         1            1
## 2466       1    42     1      6       8         1            1
## 2467       1    42     1      6       8         1            1
## 2468       1    42     1      6       8         1            1
## 2469       1    42     1      6       8         1            1
## 2470       1    42     1      6       8         1            1
## 2471       1    39     1     13       6         1            1
## 2472       1    39     1     13       6         1            1
```

```
## 2473     1  39  1  13   6      1        1
## 2474     1  39  1  13   6      1        1
## 2475     1  39  1  13   6      1        1
## 2476     1  39  1  13   6      1        1
## 2477     1  39  1  13   6      1        1
## 2478     1  39  1  13   6      1        1
## 2479     1  39  1  13   6      1        1
## 2480     1  39  1  13   6      1        1
## 2481     1  50  1   6   4      1        1
## 2482     1  50  1   6   4      1        1
## 2483     1  50  1   6   4      1        1
## 2484     1  50  1   6   4     NA        1
## 2485     1  50  1   6   4      1        1
## 2486     1  50  1   6   4     NA        1
## 2487     1  50  1   6   4     NA        1
## 2488     1  50  1   6   4      1        1
## 2489     1  50  1   6   4      1        1
## 2490     1  50  1   6   4     NA        1
## 2491     1  63  0   3   5      0        5
## 2492     1  63  0   3   5      0        5
## 2493     1  63  0   3   5     NA        5
## 2494     1  63  0   3   5      0        5
## 2495     1  63  0   3   5      0        5
## 2496     1  63  0   3   5      0        5
## 2497     1  63  0   3   5      0        5
## 2498     1  63  0   3   5      0        5
## 2499     1  63  0   3   5      1        5
## 2500     1  63  0   3   5      0        5
## 2501     1  63  0  NA   6      1        1
## 2502     1  63  0  NA   6      1        1
## 2503     1  63  0  NA   6      1        1
## 2504     1  63  0  NA   6      1        1
## 2505     1  63  0  NA   6      1        1
## 2506     1  63  0  NA   6      1        1
## 2507     1  63  0  NA   6     NA        1
## 2508     1  63  0  NA   6      1        1
## 2509     1  63  0  NA   6      1        1
## 2510     1  63  0  NA   6      1        1
## 2511     1  48  1   3   0      0        5
## 2512     1  48  1   3   0      1        5
## 2513     1  48  1   3   0     NA        5
## 2514     1  48  1   3   0      0        5
## 2515     1  48  1   3   0      0        5
## 2516     1  48  1   3   0      1        5
## 2517     1  48  1   3   0     NA        5
## 2518     1  48  1   3   0      1        5
## 2519     1  48  1   3   0     NA        5
## 2520     1  48  1   3   0      0        5
## 2521     1  58  1   2   3      1        2
## 2522     1  58  1   2   3      0        2
## 2523     1  58  1   2   3      1        2
## 2524     1  58  1   2   3     NA        2
## 2525     1  58  1   2   3      1        2
## 2526     1  58  1   2   3      1        2
```

```
## 2527    1  58   1    2      3        1         2
## 2528    1  58   1    2      3        1         2
## 2529    1  58   1    2      3        NA        2
## 2530    1  58   1    2      3        0         2
## 2531    1  60   1    9      6        0         5
## 2532    1  60   1    9      6        1         5
## 2533    1  60   1    9      6        0         5
## 2534    1  60   1    9      6        NA        5
## 2535    1  60   1    9      6        0         5
## 2536    1  60   1    9      6        0         5
## 2537    1  60   1    9      6        0         5
## 2538    1  60   1    9      6        1         5
## 2539    1  60   1    9      6        0         5
## 2540    1  60   1    9      6        0         5
## 2541    1  70   0    9      6        0         4
## 2542    1  70   0    9      6        0         4
## 2543    1  70   0    9      6        1         4
## 2544    1  70   0    9      6        NA        4
## 2545    1  70   0    9      6        0         4
## 2546    1  70   0    9      6        0         4
## 2547    1  70   0    9      6        0         4
## 2548    1  70   0    9      6        1         4
## 2549    1  70   0    9      6        0         4
## 2550    1  70   0    9      6        0         4
## 2551    1  34   0   10      6        1         1
## 2552    1  34   0   10      6        1         1
## 2553    1  34   0   10      6        1         1
## 2554    1  34   0   10      6        1         1
## 2555    1  34   0   10      6        NA        1
## 2556    1  34   0   10      6        1         1
## 2557    1  34   0   10      6        1         1
## 2558    1  34   0   10      6        NA        1
## 2559    1  34   0   10      6        1         1
## 2560    1  34   0   10      6        1         1
## 2561    0  58   1    8      3        1         4
## 2562    0  58   1    8      3        1         4
## 2563    0  58   1    8      3        0         4
## 2564    0  58   1    8      3        NA        4
## 2565    0  58   1    8      3        0         4
## 2566    0  58   1    8      3        1         4
## 2567    0  58   1    8      3        1         4
## 2568    0  58   1    8      3        1         4
## 2569    0  58   1    8      3        1         4
## 2570    0  58   1    8      3        1         4
## 2571    1  84   1    3      7        0         5
## 2572    1  84   1    3      7        0         5
## 2573    1  84   1    3      7        NA        5
## 2574    1  84   1    3      7        0         5
## 2575    1  84   1    3      7        0         5
## 2576    1  84   1    3      7        0         5
## 2577    1  84   1    3      7        0         5
## 2578    1  84   1    3      7        0         5
## 2579    1  84   1    3      7        0         5
## 2580    1  84   1    3      7        0         5
```

```
## 2581    1  58  1  10    6    NA    4
## 2582    1  58  1  10    6     1    4
## 2583    1  58  1  10    6    NA    4
## 2584    1  58  1  10    6     0    4
## 2585    1  58  1  10    6     0    4
## 2586    1  58  1  10    6     1    4
## 2587    1  58  1  10    6     0    4
## 2588    1  58  1  10    6     0    4
## 2589    1  58  1  10    6     0    4
## 2590    1  58  1  10    6     0    4
## 2591    0  52  1  12    5     1    1
## 2592    0  52  1  12    5     1    1
## 2593    0  52  1  12    5     1    1
## 2594    0  52  1  12    5     1    1
## 2595    0  52  1  12    5     1    1
## 2596    0  52  1  12    5    NA    1
## 2597    0  52  1  12    5     1    1
## 2598    0  52  1  12    5     1    1
## 2599    0  52  1  12    5     1    1
## 2600    0  52  1  12    5     1    1
## 2601    1  71  0  NA    6     0    5
## 2602    1  71  0  NA    6     0    5
## 2603    1  71  0  NA    6     0    5
## 2604    1  71  0  NA    6    NA    5
## 2605    1  71  0  NA    6     0    5
## 2606    1  71  0  NA    6     0    5
## 2607    1  71  0  NA    6     0    5
## 2608    1  71  0  NA    6     0    5
## 2609    1  71  0  NA    6     0    5
## 2610    1  71  0  NA    6     0    5
## 2611    1  67  0   7    6     1    1
## 2612    1  67  0   7    6     1    1
## 2613    1  67  0   7    6     1    1
## 2614    1  67  0   7    6     0    1
## 2615    1  67  0   7    6     1    1
## 2616    1  67  0   7    6    NA    1
## 2617    1  67  0   7    6     1    1
## 2618    1  67  0   7    6     1    1
## 2619    1  67  0   7    6    NA    1
## 2620    1  67  0   7    6    NA    1
## 2621    1  60  0  12    8     1    1
## 2622    1  60  0  12    8     1    1
## 2623    1  60  0  12    8     1    1
## 2624    1  60  0  12    8     1    1
## 2625    1  60  0  12    8     1    1
## 2626    1  60  0  12    8     1    1
## 2627    1  60  0  12    8     1    1
## 2628    1  60  0  12    8     1    1
## 2629    1  60  0  12    8     1    1
## 2630    1  60  0  12    8     1    1
## 2631    1  53  0   6    7     0    2
## 2632    1  53  0   6    7     1    2
## 2633    1  53  0   6    7     1    2
## 2634    1  53  0   6    7     0    2
```

```
## 2635     1   53   0   6   7      1         2
## 2636     1   53   0   6   7      0         2
## 2637     1   53   0   6   7      NA        2
## 2638     1   53   0   6   7      1         2
## 2639     1   53   0   6   7      0         2
## 2640     1   53   0   6   7      0         2
## 2641     1   41   1   9   1      1         1
## 2642     1   41   1   9   1      1         1
## 2643     1   41   1   9   1      1         1
## 2644     1   41   1   9   1      NA        1
## 2645     1   41   1   9   1      1         1
## 2646     1   41   1   9   1      1         1
## 2647     1   41   1   9   1      1         1
## 2648     1   41   1   9   1      1         1
## 2649     1   41   1   9   1      1         1
## 2650     1   41   1   9   1      1         1
## 2651     1   55   0   7   6      0         5
## 2652     1   55   0   7   6      NA        5
## 2653     1   55   0   7   6      1         5
## 2654     1   55   0   7   6      0         5
## 2655     1   55   0   7   6      0         5
## 2656     1   55   0   7   6      0         5
## 2657     1   55   0   7   6      NA        5
## 2658     1   55   0   7   6      1         5
## 2659     1   55   0   7   6      NA        5
## 2660     1   55   0   7   6      0         5
## 2661     1   66   0   5   3      0         5
## 2662     1   66   0   5   3      0         5
## 2663     1   66   0   5   3      1         5
## 2664     1   66   0   5   3      NA        5
## 2665     1   66   0   5   3      NA        5
## 2666     1   66   0   5   3      0         5
## 2667     1   66   0   5   3      0         5
## 2668     1   66   0   5   3      0         5
## 2669     1   66   0   5   3      0         5
## 2670     1   66   0   5   3      0         5
## 2671     1   56   0   7   7      1         1
## 2672     1   56   0   7   7      1         1
## 2673     1   56   0   7   7      1         1
## 2674     1   56   0   7   7      NA        1
## 2675     1   56   0   7   7      1         1
## 2676     1   56   0   7   7      1         1
## 2677     1   56   0   7   7      1         1
## 2678     1   56   0   7   7      1         1
## 2679     1   56   0   7   7      1         1
## 2680     1   56   0   7   7      1         1
## 2681     1   53   1   9   5      1         5
## 2682     1   53   1   9   5      NA        5
## 2683     1   53   1   9   5      NA        5
## 2684     1   53   1   9   5      1         5
## 2685     1   53   1   9   5      0         5
## 2686     1   53   1   9   5      1         5
## 2687     1   53   1   9   5      1         5
## 2688     1   53   1   9   5      1         5
```

```
## 2689      1  53     1      9        5        0        5
## 2690      1  53     1      9        5        0        5
## 2691      1  41     0      8        8        1        1
## 2692      1  41     0      8        8        1        1
## 2693      1  41     0      8        8        1        1
## 2694      1  41     0      8        8        1        1
## 2695      1  41     0      8        8        1        1
## 2696      1  41     0      8        8        1        1
## 2697      1  41     0      8        8        1        1
## 2698      1  41     0      8        8        1        1
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## 2702      0  57     0      2        5        1        2
## 2703      0  57     0      2        5        1        2
## 2704      0  57     0      2        5        NA       2
## 2705      0  57     0      2        5        1        2
## 2706      0  57     0      2        5        0        2
## 2707      0  57     0      2        5        1        2
## 2708      0  57     0      2        5        1        2
## 2709      0  57     0      2        5        1        2
## 2710      0  57     0      2        5        1        2
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## 2712      1  58     0      NA       8        1        1
## 2713      1  58     0      NA       8        1        1
## 2714      1  58     0      NA       8        1        1
## 2715      1  58     0      NA       8        1        1
## 2716      1  58     0      NA       8        NA       1
## 2717      1  58     0      NA       8        1        1
## 2718      1  58     0      NA       8        1        1
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## 2722      1  38     0      11       6        NA       1
## 2723      1  38     0      11       6        1        1
## 2724      1  38     0      11       6        1        1
## 2725      1  38     0      11       6        NA       1
## 2726      1  38     0      11       6        0        1
## 2727      1  38     0      11       6        0        1
## 2728      1  38     0      11       6        1        1
## 2729      1  38     0      11       6        1        1
## 2730      1  38     0      11       6        0        1
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## 2732      1  58     0      8        6        1        1
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## 2734      1  58     0      8        6        NA       1
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## 2737      1  58     0      8        6        1        1
## 2738      1  58     0      8        6        1        1
## 2739      1  58     0      8        6        1        1
## 2740      1  58     0      8        6        1        1
## 2741      1  63     0      8        8        0        5
## 2742      1  63     0      8        8        0        5
```

```
## 2743              1 63      0       8         8               1             5
## 2744              1 63      0       8         8               0             5
## 2745              1 63      0       8         8               0             5
## 2746              1 63      0       8         8               0             5
## 2747              1 63      0       8         8               0             5
## 2748              1 63      0       8         8               0             5
## 2749              1 63      0       8         8               0             5
## 2750              1 63      0       8         8               0             5
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## 2752              1 58      0       5         2               0             4
## 2753              1 58      0       5         2               1             4
## 2754              1 58      0       5         2               0             4
## 2755              1 58      0       5         2               0             4
## 2756              1 58      0       5         2               1             4
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## 2759              1 58      0       5         2              NA             4
## 2760              1 58      0       5         2               0             4
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## 2762              1 58      0       9         7               1             4
## 2763              1 58      0       9         7               1             4
## 2764              1 58      0       9         7               1             4
## 2765              1 58      0       9         7               0             4
## 2766              1 58      0       9         7               1             4
## 2767              1 58      0       9         7               0             4
## 2768              1 58      0       9         7               1             4
## 2769              1 58      0       9         7               0             4
## 2770              1 58      0       9         7               0             4
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## 2772              0 58      0       2         4               1             5
## 2773              0 58      0       2         4               1             5
## 2774              0 58      0       2         4               0             5
## 2775              0 58      0       2         4               1             5
## 2776              0 58      0       2         4               0             5
## 2777              0 58      0       2         4               0             5
##      party_strength pid7b interest independent
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## 2                 4     7        1           0
## 3                 4     7        1           0
## 4                 4     7        1           0
## 5                 4     7        1           0
## 6                 4     7        1           0
## 7                 4     7        1           0
## 8                 4     7        1           0
## 9                 4     7        1           0
## 10                4     7        1           0
## 11                4     1        4           0
## 12                4     1        4           0
## 13                4     1        4           0
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## 16                4     1        4           0
## 17                4     1        4           0
## 18                4     1        4           0
```

```
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## 20                4    1    4         0
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## 27                2    5    1         0
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## 30                2    5    1         0
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## 70                4    1    1         0
## 71                3    6    4         0
## 72                3    6    4         0
```

```
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## 104               1       4       2               1
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## 125               4       7       1               0
## 126               4       7       1               0
```

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## 180                 2       5       1               0
```

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```

```
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## 288                 1      4           4                1
```

```
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```

```
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```

```
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```

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## 558                    1    4         2              1
```

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```

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## 679                 3    6    1         0
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## 732              1    4    2         1
## 733              1    4    2         1
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## 740              1    4    2         1
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## 743              4    7    1         0
## 744              4    7    1         0
## 745              4    7    1         0
## 746              4    7    1         0
## 747              4    7    1         0
## 748              4    7    1         0
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## 752              4    1    1         0
## 753              4    1    1         0
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## 773              2    5    1         0
## 774              2    5    1         0
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## 789               3    2    2         0
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## 794               1    4    1         1
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## 826               4    1    1         0
## 827               4    1    1         0
## 828               4    1    1         0
```

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## 830                    4        1        1              0
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## 880                    4        1        1              0
## 881                    3        6        2              0
## 882                    3        6        2              0
```

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## 896                 4      1        2           0
## 897                 4      1        2           0
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## 902                 3      6        2           0
## 903                 3      6        2           0
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## 905                 3      6        2           0
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## 917                 4      1        1           0
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## 930                 1      4        1           1
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## 934                 3      6        1           0
## 935                 3      6        1           0
## 936                 3      6        1           0
```

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## 948               1    4      NA         1
## 949               1    4      NA         1
## 950               1    4      NA         1
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## 953               3    2      3          0
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## 955               3    2      3          0
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## 961               4    1      3          0
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## 963               4    1      3          0
## 964               4    1      3          0
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## 966               4    1      3          0
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## 986               3    6      1          0
## 987               3    6      1          0
## 988               3    6      1          0
## 989               3    6      1          0
## 990               3    6      1          0
```

```
## 991            1    4    1         1
## 992            1    4    1         1
## 993            1    4    1         1
## 994            1    4    1         1
## 995            1    4    1         1
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## 997            1    4    1         1
## 998            1    4    1         1
## 999            1    4    1         1
## 1000           1    4    1         1
## 1001           3    6    2         0
## 1002           3    6    2         0
## 1003           3    6    2         0
## 1004           3    6    2         0
## 1005           3    6    2         0
## 1006           3    6    2         0
## 1007           3    6    2         0
## 1008           3    6    2         0
## 1009           3    6    2         0
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## 1013           1    4    2         1
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## 1016           1    4    2         1
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## 1022           1    4    2         1
## 1023           1    4    2         1
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## 1035           2    3    1         0
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## 1040           2    3    1         0
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## 1042           4    7    1         0
## 1043           4    7    1         0
## 1044           4    7    1         0
```

228

```
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## 1062                2    5         2              0
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## 1094                4    7         1              0
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## 1096                4    7         1              0
## 1097                4    7         1              0
## 1098                4    7         1              0
```

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## 1103          1    4    2         1
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## 1109          1    4    2         1
## 1110          1    4    2         1
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## 1114          2    5    1         0
## 1115          2    5    1         0
## 1116          2    5    1         0
## 1117          2    5    1         0
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## 1136          1    4    1         1
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## 1138          1    4    1         1
## 1139          1    4    1         1
## 1140          1    4    1         1
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## 1142          1    4    2         1
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## 1144          1    4    2         1
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## 1150          1    4    2         1
## 1151          4    7    2         0
## 1152          4    7    2         0
```

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## 1162          1    4    4         1
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## 1164          1    4    4         1
## 1165          1    4    4         1
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## 1167          1    4    4         1
## 1168          1    4    4         1
## 1169          1    4    4         1
## 1170          1    4    4         1
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## 1172          3    6    2         0
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## 1174          3    6    2         0
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## 1206          1    4    3         1
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## 1368                    2         5         1             0
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## 1530           3    2    2         0
```

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```

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```

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## 1799                3    2    1         0
## 1800                3    2    1         0
```

```
## 1801                4    7    1         0
## 1802                4    7    1         0
## 1803                4    7    1         0
## 1804                4    7    1         0
## 1805                4    7    1         0
## 1806                4    7    1         0
## 1807                4    7    1         0
## 1808                4    7    1         0
## 1809                4    7    1         0
## 1810                4    7    1         0
## 1811                2    5    2         0
## 1812                2    5    2         0
## 1813                2    5    2         0
## 1814                2    5    2         0
## 1815                2    5    2         0
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## 1817                2    5    2         0
## 1818                2    5    2         0
## 1819                2    5    2         0
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## 1821                4    1    1         0
## 1822                4    1    1         0
## 1823                4    1    1         0
## 1824                4    1    1         0
## 1825                4    1    1         0
## 1826                4    1    1         0
## 1827                4    1    1         0
## 1828                4    1    1         0
## 1829                4    1    1         0
## 1830                4    1    1         0
## 1831                4    1    1         0
## 1832                4    1    1         0
## 1833                4    1    1         0
## 1834                4    1    1         0
## 1835                4    1    1         0
## 1836                4    1    1         0
## 1837                4    1    1         0
## 1838                4    1    1         0
## 1839                4    1    1         0
## 1840                4    1    1         0
## 1841                4    1    1         0
## 1842                4    1    1         0
## 1843                4    1    1         0
## 1844                4    1    1         0
## 1845                4    1    1         0
## 1846                4    1    1         0
## 1847                4    1    1         0
## 1848                4    1    1         0
## 1849                4    1    1         0
## 1850                4    1    1         0
## 1851                3    2    2         0
## 1852                3    2    2         0
## 1853                3    2    2         0
## 1854                3    2    2         0
```

```
## 1855          3    2         2            0
## 1856          3    2         2            0
## 1857          3    2         2            0
## 1858          3    2         2            0
## 1859          3    2         2            0
## 1860          3    2         2            0
## 1861          2    3         2            0
## 1862          2    3         2            0
## 1863          2    3         2            0
## 1864          2    3         2            0
## 1865          2    3         2            0
## 1866          2    3         2            0
## 1867          2    3         2            0
## 1868          2    3         2            0
## 1869          2    3         2            0
## 1870          2    3         2            0
## 1871          2    5         2            0
## 1872          2    5         2            0
## 1873          2    5         2            0
## 1874          2    5         2            0
## 1875          2    5         2            0
## 1876          2    5         2            0
## 1877          2    5         2            0
## 1878          2    5         2            0
## 1879          2    5         2            0
## 1880          2    5         2            0
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## 1882          1    4         3            1
## 1883          1    4         3            1
## 1884          1    4         3            1
## 1885          1    4         3            1
## 1886          1    4         3            1
## 1887          1    4         3            1
## 1888          1    4         3            1
## 1889          1    4         3            1
## 1890          1    4         3            1
## 1891          4    7         3            0
## 1892          4    7         3            0
## 1893          4    7         3            0
## 1894          4    7         3            0
## 1895          4    7         3            0
## 1896          4    7         3            0
## 1897          4    7         3            0
## 1898          4    7         3            0
## 1899          4    7         3            0
## 1900          4    7         3            0
## 1901          3    2         2            0
## 1902          3    2         2            0
## 1903          3    2         2            0
## 1904          3    2         2            0
## 1905          3    2         2            0
## 1906          3    2         2            0
## 1907          3    2         2            0
## 1908          3    2         2            0
```

```
## 1909          3    2    2        0
## 1910          3    2    2        0
## 1911          4    7    1        0
## 1912          4    7    1        0
## 1913          4    7    1        0
## 1914          4    7    1        0
## 1915          4    7    1        0
## 1916          4    7    1        0
## 1917          4    7    1        0
## 1918          4    7    1        0
## 1919          4    7    1        0
## 1920          4    7    1        0
## 1921          2    3    1        0
## 1922          2    3    1        0
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## 1927          2    3    1        0
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## 1932          3    2    3        0
## 1933          3    2    3        0
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## 1935          3    2    3        0
## 1936          3    2    3        0
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## 1938          3    2    3        0
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## 1943          4    1    1        0
## 1944          4    1    1        0
## 1945          4    1    1        0
## 1946          4    1    1        0
## 1947          4    1    1        0
## 1948          4    1    1        0
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## 1952          4    7    1        0
## 1953          4    7    1        0
## 1954          4    7    1        0
## 1955          4    7    1        0
## 1956          4    7    1        0
## 1957          4    7    1        0
## 1958          4    7    1        0
## 1959          4    7    1        0
## 1960          4    7    1        0
## 1961          2    3    4        0
## 1962          2    3    4        0
```

```
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## 1964                   2        3        4            0
## 1965                   2        3        4            0
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## 1967                   2        3        4            0
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## 1969                   2        3        4            0
## 1970                   2        3        4            0
## 1971                   4        7        1            0
## 1972                   4        7        1            0
## 1973                   4        7        1            0
## 1974                   4        7        1            0
## 1975                   4        7        1            0
## 1976                   4        7        1            0
## 1977                   4        7        1            0
## 1978                   4        7        1            0
## 1979                   4        7        1            0
## 1980                   4        7        1            0
## 1981                   2        5        1            0
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## 1984                   2        5        1            0
## 1985                   2        5        1            0
## 1986                   2        5        1            0
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## 1988                   2        5        1            0
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## 1990                   2        5        1            0
## 1991                   4        1        1            0
## 1992                   4        1        1            0
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## 1995                   4        1        1            0
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## 2000                   4        1        1            0
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## 2003                   3        6        1            0
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## 2009                   3        6        1            0
## 2010                   3        6        1            0
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## 2013                   2        5        1            0
## 2014                   2        5        1            0
## 2015                   2        5        1            0
## 2016                   2        5        1            0
```

```
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## 2018          2    5    1         0
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## 2023          2    3    3         0
## 2024          2    3    3         0
## 2025          2    3    3         0
## 2026          2    3    3         0
## 2027          2    3    3         0
## 2028          2    3    3         0
## 2029          2    3    3         0
## 2030          2    3    3         0
## 2031          1    4    1         1
## 2032          1    4    1         1
## 2033          1    4    1         1
## 2034          1    4    1         1
## 2035          1    4    1         1
## 2036          1    4    1         1
## 2037          1    4    1         1
## 2038          1    4    1         1
## 2039          1    4    1         1
## 2040          1    4    1         1
## 2041          1    4    1         1
## 2042          1    4    1         1
## 2043          1    4    1         1
## 2044          1    4    1         1
## 2045          1    4    1         1
## 2046          1    4    1         1
## 2047          1    4    1         1
## 2048          1    4    1         1
## 2049          1    4    1         1
## 2050          1    4    1         1
## 2051          4    7    3         0
## 2052          4    7    3         0
## 2053          4    7    3         0
## 2054          4    7    3         0
## 2055          4    7    3         0
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## 2060          4    7    3         0
## 2061          3    6    2         0
## 2062          3    6    2         0
## 2063          3    6    2         0
## 2064          3    6    2         0
## 2065          3    6    2         0
## 2066          3    6    2         0
## 2067          3    6    2         0
## 2068          3    6    2         0
## 2069          3    6    2         0
## 2070          3    6    2         0
```

```
## 2071            3    2        3            0
## 2072            3    2        3            0
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## 2077            3    2        3            0
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## 2080            3    2        3            0
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## 2082            2    3        3            0
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## 2088            2    3        3            0
## 2089            2    3        3            0
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## 2092            4    7        1            0
## 2093            4    7        1            0
## 2094            4    7        1            0
## 2095            4    7        1            0
## 2096            4    7        1            0
## 2097            4    7        1            0
## 2098            4    7        1            0
## 2099            4    7        1            0
## 2100            4    7        1            0
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## 2103            1    4        1            1
## 2104            1    4        1            1
## 2105            1    4        1            1
## 2106            1    4        1            1
## 2107            1    4        1            1
## 2108            1    4        1            1
## 2109            1    4        1            1
## 2110            1    4        1            1
## 2111            1    4       NA            1
## 2112            1    4       NA            1
## 2113            1    4       NA            1
## 2114            1    4       NA            1
## 2115            1    4       NA            1
## 2116            1    4       NA            1
## 2117            1    4       NA            1
## 2118            1    4       NA            1
## 2119            1    4       NA            1
## 2120            1    4       NA            1
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## 2122            4    1        1            0
## 2123            4    1        1            0
## 2124            4    1        1            0
```

```
## 2125                 4       1       1               0
## 2126                 4       1       1               0
## 2127                 4       1       1               0
## 2128                 4       1       1               0
## 2129                 4       1       1               0
## 2130                 4       1       1               0
## 2131                 4       7       1               0
## 2132                 4       7       1               0
## 2133                 4       7       1               0
## 2134                 4       7       1               0
## 2135                 4       7       1               0
## 2136                 4       7       1               0
## 2137                 4       7       1               0
## 2138                 4       7       1               0
## 2139                 4       7       1               0
## 2140                 4       7       1               0
## 2141                 1       4       2               1
## 2142                 1       4       2               1
## 2143                 1       4       2               1
## 2144                 1       4       2               1
## 2145                 1       4       2               1
## 2146                 1       4       2               1
## 2147                 1       4       2               1
## 2148                 1       4       2               1
## 2149                 1       4       2               1
## 2150                 1       4       2               1
## 2151                 4       1       1               0
## 2152                 4       1       1               0
## 2153                 4       1       1               0
## 2154                 4       1       1               0
## 2155                 4       1       1               0
## 2156                 4       1       1               0
## 2157                 4       1       1               0
## 2158                 4       1       1               0
## 2159                 4       1       1               0
## 2160                 4       1       1               0
## 2161                 4       1       1               0
## 2162                 4       1       1               0
## 2163                 4       1       1               0
## 2164                 4       1       1               0
## 2165                 4       1       1               0
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## 2167                 4       1       1               0
## 2168                 4       1       1               0
## 2169                 4       1       1               0
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## 2173                 4       1       1               0
## 2174                 4       1       1               0
## 2175                 4       1       1               0
## 2176                 4       1       1               0
## 2177                 4       1       1               0
## 2178                 4       1       1               0
```

```
## 2179                4      1         1            0
## 2180                4      1         1            0
## 2181                2      5         1            0
## 2182                2      5         1            0
## 2183                2      5         1            0
## 2184                2      5         1            0
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## 2186                2      5         1            0
## 2187                2      5         1            0
## 2188                2      5         1            0
## 2189                2      5         1            0
## 2190                2      5         1            0
## 2191                4      1         1            0
## 2192                4      1         1            0
## 2193                4      1         1            0
## 2194                4      1         1            0
## 2195                4      1         1            0
## 2196                4      1         1            0
## 2197                4      1         1            0
## 2198                4      1         1            0
## 2199                4      1         1            0
## 2200                4      1         1            0
## 2201                4      1         1            0
## 2202                4      1         1            0
## 2203                4      1         1            0
## 2204                4      1         1            0
## 2205                4      1         1            0
## 2206                4      1         1            0
## 2207                4      1         1            0
## 2208                4      1         1            0
## 2209                4      1         1            0
## 2210                4      1         1            0
## 2211                2      5         1            0
## 2212                2      5         1            0
## 2213                2      5         1            0
## 2214                2      5         1            0
## 2215                2      5         1            0
## 2216                2      5         1            0
## 2217                2      5         1            0
## 2218                2      5         1            0
## 2219                2      5         1            0
## 2220                2      5         1            0
## 2221                2      5         2            0
## 2222                2      5         2            0
## 2223                2      5         2            0
## 2224                2      5         2            0
## 2225                2      5         2            0
## 2226                2      5         2            0
## 2227                2      5         2            0
## 2228                2      5         2            0
## 2229                2      5         2            0
## 2230                2      5         2            0
## 2231                4      1         1            0
## 2232                4      1         1            0
```

```
## 2233                  4        1        1              0
## 2234                  4        1        1              0
## 2235                  4        1        1              0
## 2236                  4        1        1              0
## 2237                  4        1        1              0
## 2238                  4        1        1              0
## 2239                  4        1        1              0
## 2240                  4        1        1              0
## 2241                  3        6        4              0
## 2242                  3        6        4              0
## 2243                  3        6        4              0
## 2244                  3        6        4              0
## 2245                  3        6        4              0
## 2246                  3        6        4              0
## 2247                  3        6        4              0
## 2248                  3        6        4              0
## 2249                  3        6        4              0
## 2250                  3        6        4              0
## 2251                  1        4        2              1
## 2252                  1        4        2              1
## 2253                  1        4        2              1
## 2254                  1        4        2              1
## 2255                  1        4        2              1
## 2256                  1        4        2              1
## 2257                  1        4        2              1
## 2258                  1        4        2              1
## 2259                  1        4        2              1
## 2260                  1        4        2              1
## 2261                  4        7        1              0
## 2262                  4        7        1              0
## 2263                  4        7        1              0
## 2264                  4        7        1              0
## 2265                  4        7        1              0
## 2266                  4        7        1              0
## 2267                  4        7        1              0
## 2268                  4        7        1              0
## 2269                  4        7        1              0
## 2270                  4        7        1              0
## 2271                  4        1        1              0
## 2272                  4        1        1              0
## 2273                  4        1        1              0
## 2274                  4        1        1              0
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## 2277                  4        1        1              0
## 2278                  4        1        1              0
## 2279                  4        1        1              0
## 2280                  4        1        1              0
## 2281                  2        5        1              0
## 2282                  2        5        1              0
## 2283                  2        5        1              0
## 2284                  2        5        1              0
## 2285                  2        5        1              0
## 2286                  2        5        1              0
```

```
## 2287               2    5    1         0
## 2288               2    5    1         0
## 2289               2    5    1         0
## 2290               2    5    1         0
## 2291               3    2    2         0
## 2292               3    2    2         0
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## 2294               3    2    2         0
## 2295               3    2    2         0
## 2296               3    2    2         0
## 2297               3    2    2         0
## 2298               3    2    2         0
## 2299               3    2    2         0
## 2300               3    2    2         0
## 2301               2    3    1         0
## 2302               2    3    1         0
## 2303               2    3    1         0
## 2304               2    3    1         0
## 2305               2    3    1         0
## 2306               2    3    1         0
## 2307               2    3    1         0
## 2308               2    3    1         0
## 2309               2    3    1         0
## 2310               2    3    1         0
## 2311               4    1    3         0
## 2312               4    1    3         0
## 2313               4    1    3         0
## 2314               4    1    3         0
## 2315               4    1    3         0
## 2316               4    1    3         0
## 2317               4    1    3         0
## 2318               4    1    3         0
## 2319               4    1    3         0
## 2320               4    1    3         0
## 2321               4    1    1         0
## 2322               4    1    1         0
## 2323               4    1    1         0
## 2324               4    1    1         0
## 2325               4    1    1         0
## 2326               4    1    1         0
## 2327               4    1    1         0
## 2328               4    1    1         0
## 2329               4    1    1         0
## 2330               4    1    1         0
## 2331               4    1    2         0
## 2332               4    1    2         0
## 2333               4    1    2         0
## 2334               4    1    2         0
## 2335               4    1    2         0
## 2336               4    1    2         0
## 2337               4    1    2         0
## 2338               4    1    2         0
## 2339               4    1    2         0
## 2340               4    1    2         0
```

```
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## 2348            4   7      1          0
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## 2353            4   1      1          0
## 2354            4   1      1          0
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## 2359            4   1      1          0
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## 2367            3   2      2          0
## 2368            3   2      2          0
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## 2380            3   6      1          0
## 2381            2   3      2          0
## 2382            2   3      2          0
## 2383            2   3      2          0
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## 2385            2   3      2          0
## 2386            2   3      2          0
## 2387            2   3      2          0
## 2388            2   3      2          0
## 2389            2   3      2          0
## 2390            2   3      2          0
## 2391            2   5      1          0
## 2392            2   5      1          0
## 2393            2   5      1          0
## 2394            2   5      1          0
```

```
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## 2398                2     5         1             0
## 2399                2     5         1             0
## 2400                2     5         1             0
## 2401                3     6         1             0
## 2402                3     6         1             0
## 2403                3     6         1             0
## 2404                3     6         1             0
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## 2406                3     6         1             0
## 2407                3     6         1             0
## 2408                3     6         1             0
## 2409                3     6         1             0
## 2410                3     6         1             0
## 2411                3     6         1             0
## 2412                3     6         1             0
## 2413                3     6         1             0
## 2414                3     6         1             0
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## 2418                3     6         1             0
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## 2421                1     4         1             1
## 2422                1     4         1             1
## 2423                1     4         1             1
## 2424                1     4         1             1
## 2425                1     4         1             1
## 2426                1     4         1             1
## 2427                1     4         1             1
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## 2430                1     4         1             1
## 2431                3     6         3             0
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## 2712              1   4   2        1
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## 2757               4      7      2            0
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## 2762               3      6      1            0
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## 2767               3      6      1            0
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## 2769               3      6      1            0
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## 2771               4      7      2            0
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## 2773                  4     7      2          0
## 2774                  4     7      2          0
## 2775                  4     7      2          0
## 2776                  4     7      2          0
## 2777                  4     7      2          0
##  [ reached 'max' / getOption("max.print") -- omitted 10223 rows ]
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Average Treatment Effect of Policy Cues
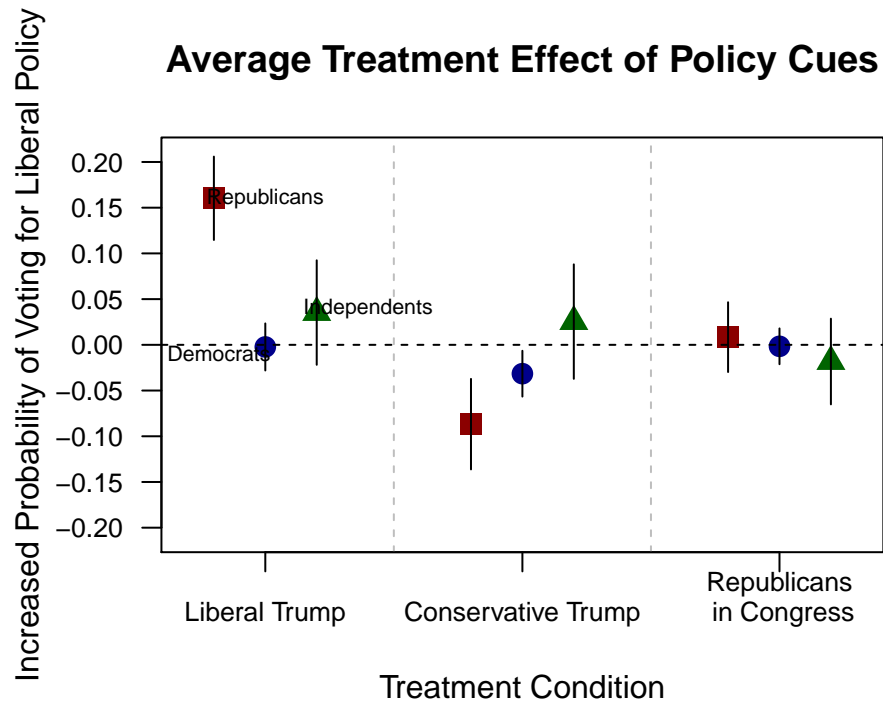
FIGURE 1. Average Treatment Effect Across Issues

Average Treatment Effect of Policy Cues

Note: The effects indicate the average movement within groups and by treatment condition. Republicans are the only group that seems to shift positions significantly, and only in relation to Donald Trump cues. But it is true that they react in both a liberal and a conservative direction depending upon the cue.
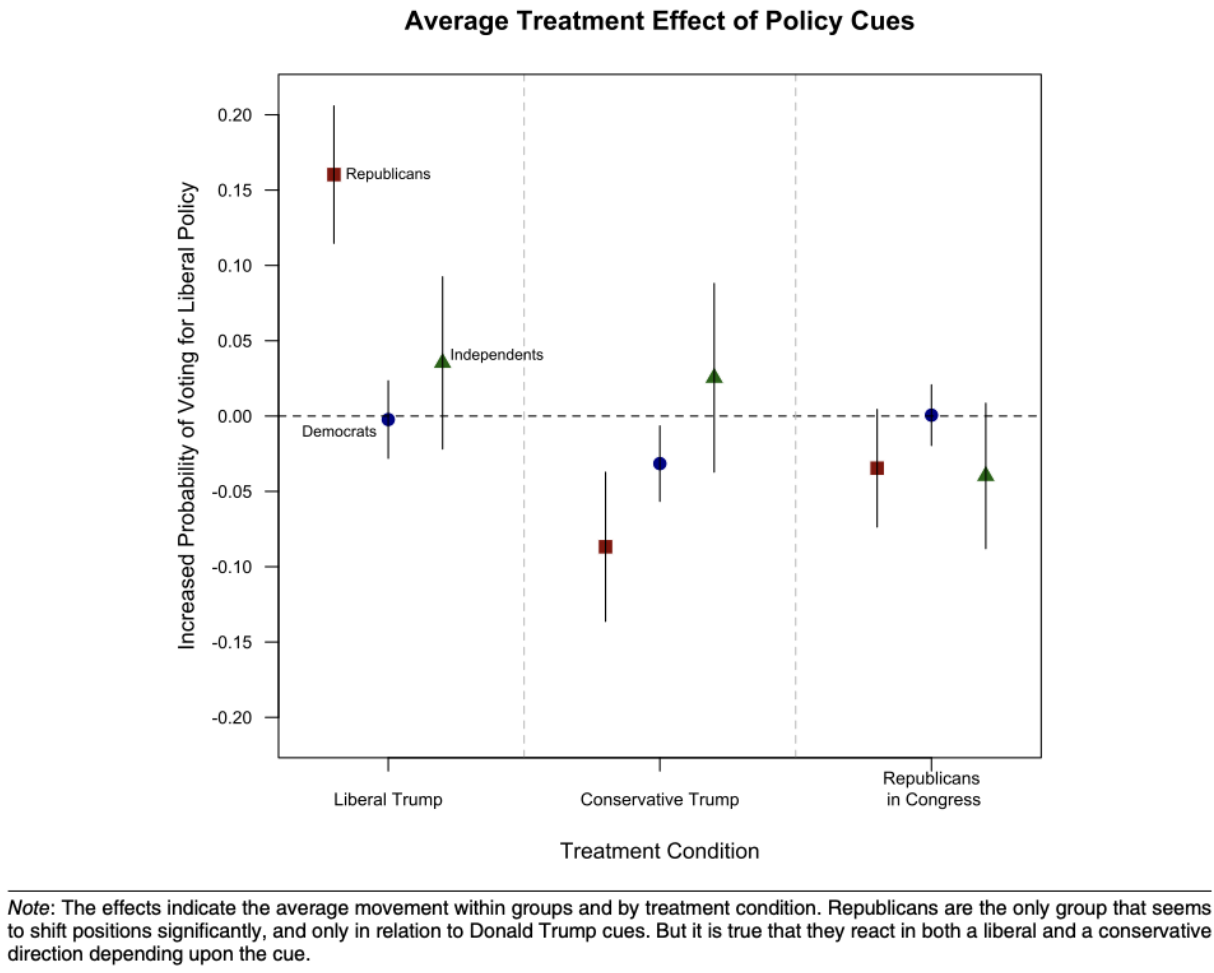
I found one mistake - the cofficient for Republicans in Congress on the Republican subset is displayed as about -0.03 probability of voting for liberal policy while the regression tells us that it is actually about 0.008. I correct this in my figure.

5.2 Figure 3: Average Treatment Effect by Party strength among Democrats

Conservative Trump Treatment

Liberal Trump Treatment
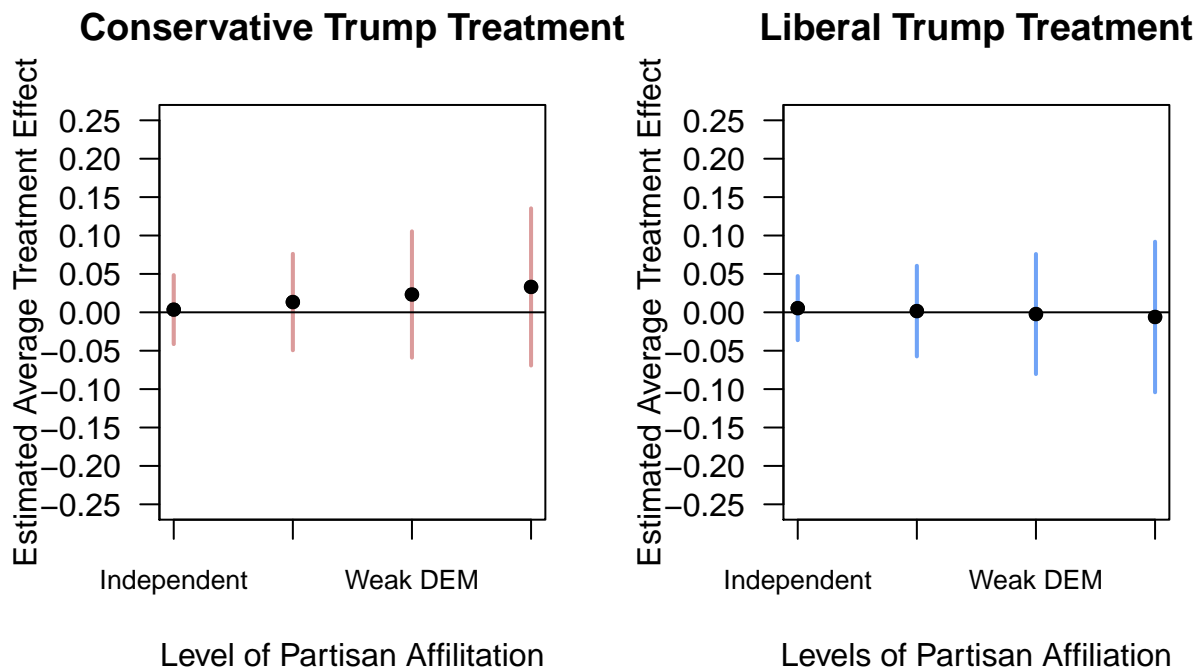
FIGURE 3. Average Treatment Effect by Republican Party Strength

(a) Liberal Trump Treatment

(b) Conservative Trump Treatment
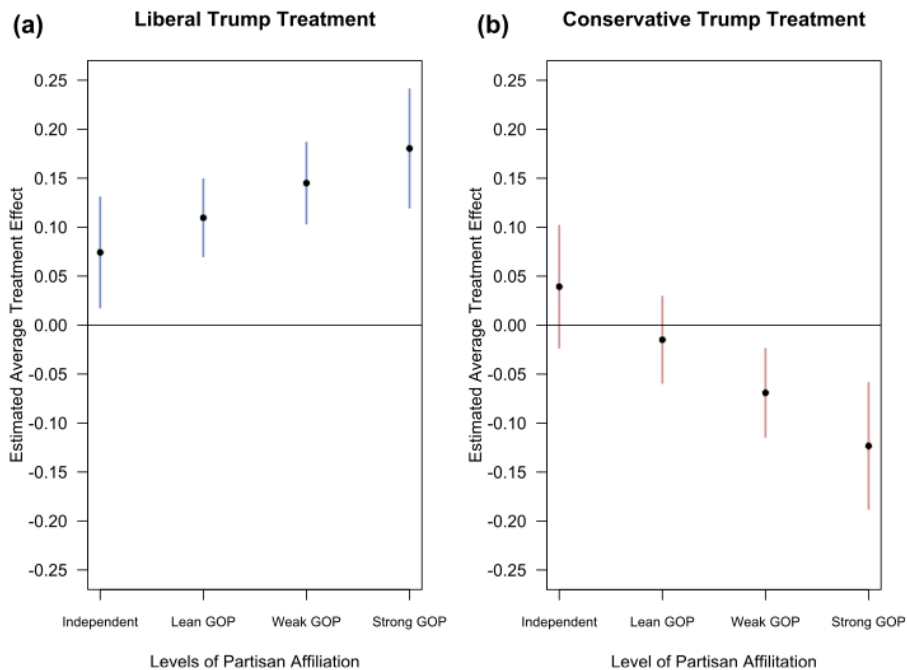
Note: Those who identify strongly with the Republican Party exhibit stronger treatment effects in a liberal direction for the liberal Trump treatment, and in a conservative direction for the conservative Trump treatment.

In order to see if the relationship between political cues and partisanship is only exclusive to Republicans, I would like to run a similar model on partisanship levels among Democrats. This would mean repeating the steps done in Figure 3, but testing the cue's effects on partisanship levels from 1-4 (very Democrat to Independent). I predict that there will be a different effect given the fact that Democrats would be answering cues from Trump. Therefore, I expect there to be some sort of aversionary effect: even if Trump advocates a liberal policy, they will support it less than their Republican counterpoints at the same level of partisanship just because the cue is from the a Republican leader (especially one as polarizing as Trump).

The results show that Democrats of different partisan levels (Independent to strong Democrat) do not respond significantly to conservative or liberal Trump cues. There is an interesting trend among different levels of Democrats when given a conservative cue: as partisanship becomes more Democrat, Democrats are more and more likely to vote liberally when given a conservative cue. It is important to note, however, that uncertainty is greatest at the strongest lebel of Democrat. Liberal cues, however, have almost no effect on different levels of partisanship to the left.

6   Figure 2: Binomial Regression instead of Linear

Finally, I want to take figure 2 and see if I can create a more robust model. These regression models are currently linear and use interactions to predict the outcome of a cue given something like partisanship, ideology, etc. The authors then use the predict function to predict support of a policy and to find the causal effect of recieving a cue by subtracting the response outcome for the treated from a fake data set of untreated individuals. I believe that by using a binomial regression and the posterior_linpred function, I could create a more robust model and prediction, thus achieving a more accurate causal effect. (I would compare these two models with LOO as well as using standard errors and sigma.)

The only downside of this method is the fact that posterior_linpred does not give an uncertainty measure for each of its estimates while predict yields standard error. That is the reason there are no uncertainty measures on the graph.

7 Bibliography