Statistics/Data analysis

```
      name:  <unnamed>
       log:  C:\Dropbox\Alecia\Stability of Political Attitudes\Replication Prep\BESIP
> \data\recode\log_recode.smcl
  log type:  smcl
 opened on:  10 Dec 2025, 19:14:42

1 .
2 . /*Dataset has 8,079 variables and 97,006 observations*/
3 . set maxvar 10000


4 . use "original_dataset/BES2019_W19_Panel_v0.5.dta"

5 .
6 .
7 . //drop 477 observations that had an ID in the dataset but were not in any wave nor h
  > ad any data collected. (entire row was missing for each)
8 . //now have 96,529 observations
9 . egen num_waves = rowtotal(wave*)

10. drop if num_waves == 0
  (477 observations deleted)

11.
12.
13. //create recoded variable for dutyToVote2W*
14.
15. forvalues v = 1/19 {
    2. capture confirm variable dutyToVote2W`v'
    3.
16. if !_rc {
    4.                  gen rec_dutyToVote2W`v' = dutyToVote2W`v'
    5.
17.                 //don't knows
18.                 replace rec_dutyToVote2W`v' = 0 if dutyToVote2W`v' == 9999
    6.
19.                 //people who were in wave but did not answer civic duty question
20.
21.                 replace rec_dutyToVote2W`v' = -1 if dutyToVote2W`v' == . & wave`v' =
  > = 1
    7.
22.                 //people who were not in wave
23.
24.                 replace rec_dutyToVote2W`v' = -2 if wave`v' == 0
    8.
25.                 label value rec_dutyToVote2W`v' voteNormsGridlbl
    9.                  label variable rec_dutyToVote2W`v' "Recoded Civic Duty to include
  >  respondents in wave but not asked civic duty question"
   10.
26.                 order rec_dutyToVote2W`v', after(dutyToVote2W`v')
   11.
27.                 }
   12.     else {
   13.         display "`dutyToVote2W`v' does not exist"
   14.                 }
   15. }
  (65,992 missing values generated)
  (593 real changes made)
  (51 real changes made)
  (65,960 real changes made)
  note: label truncated to 80 characters
  (66,269 missing values generated)
  (561 real changes made)
  (2 real changes made)
  (66,271 real changes made)
  note: label truncated to 80 characters
  (68,703 missing values generated)
  (582 real changes made)
  (9 real changes made)
  (68,703 real changes made)
  note: label truncated to 80 characters
```

```
(64,978 missing values generated)
(707 real changes made)
(0 real changes made)
(64,983 real changes made)
note: label truncated to 80 characters
`dutyToVote2W5 does not exist
(66,271 missing values generated)
(561 real changes made)
(0 real changes made)
(66,271 real changes made)
note: label truncated to 80 characters
(65,634 missing values generated)
(912 real changes made)
(0 real changes made)
(65,634 real changes made)
note: label truncated to 80 characters
(87,563 missing values generated)
(243 real changes made)
(24,536 real changes made)
(63,027 real changes made)
note: label truncated to 80 characters
`dutyToVote2W9 does not exist
`dutyToVote2W10 does not exist
`dutyToVote2W11 does not exist
(62,135 missing values generated)
(776 real changes made)
(0 real changes made)
(62,135 real changes made)
note: label truncated to 80 characters
`dutyToVote2W13 does not exist
(65,466 missing values generated)
(1,006 real changes made)
(0 real changes made)
(65,466 real changes made)
note: label truncated to 80 characters
(65,687 missing values generated)
(1,142 real changes made)
(0 real changes made)
(65,687 real changes made)
note: label truncated to 80 characters
`dutyToVote2W16 does not exist
(62,163 missing values generated)
(947 real changes made)
(0 real changes made)
(62,163 real changes made)
note: label truncated to 80 characters
(87,000 missing values generated)
(260 real changes made)
(28,296 real changes made)
(58,704 real changes made)
note: label truncated to 80 characters
`dutyToVote2W19 does not exist

28.
29.
30.
31.
32.
33.
34. gen civic_duty_numwaves = wave1 + wave2 + wave3 + wave4 + wave6 + wave7 + wave8+ wav
  > e12 + wave14+ wave15 + wave17 + wave18
```

```
35. label variable civic_duty_numwaves "Number of waves respondent was in that asked civ
  > ic duty questions"

36.
37.
38.
39.
40.
41.
42. /////list of waves where respondents answered the civic duty questions
  > gen civic_duty_waves = ""
  (96,529 missing values generated)

43. label variable civic_duty_waves "List of waves where answered the civic duty questio
  > ns"

44. gen civic_duty_numwaves_answered = 0

45. label variable civic_duty_numwaves_answered "Number of waves where answered the civi
  > c duty questions"

46.
47. forvalues v = 1/18 {
    2. capture confirm variable dutyToVote2W`v'
    3.
48. if !_rc {
    4.
49.                 replace civic_duty_waves  = civic_duty_waves  + "-" + "`v'" if wave`
  > v' == 1 & dutyToVote2W`v' != .
    5.
50.
51.                 replace civic_duty_numwaves_answered = civic_duty_numwaves_answered
  > + 1 if wave`v' == 1 & dutyToVote2W`v' != .
    6.                 }
    7.     else {
    8.         display "`dutyToVote2W`v' does not exist"
    9.                 }
   10. }
  variable civic_duty_waves was str1 now str2
  (30,518 real changes made)
  (30,518 real changes made)
  variable civic_duty_waves was str2 now str4
  (30,256 real changes made)
  (30,256 real changes made)
  variable civic_duty_waves was str4 now str6
  (27,817 real changes made)
  (27,817 real changes made)
  variable civic_duty_waves was str6 now str8
  (31,546 real changes made)
  (31,546 real changes made)
  `dutyToVote2W5 does not exist
  variable civic_duty_waves was str8 now str10
  (30,258 real changes made)
  (30,258 real changes made)
  variable civic_duty_waves was str10 now str12
  (30,895 real changes made)
  (30,895 real changes made)
  variable civic_duty_waves was str12 now str14
  (8,966 real changes made)
  (8,966 real changes made)
  `dutyToVote2W9 does not exist
  `dutyToVote2W10 does not exist
  `dutyToVote2W11 does not exist
  variable civic_duty_waves was str14 now str17
  (34,394 real changes made)
  (34,394 real changes made)
  `dutyToVote2W13 does not exist
  variable civic_duty_waves was str17 now str20
  (31,063 real changes made)
  (31,063 real changes made)
  variable civic_duty_waves was str20 now str21
  (30,842 real changes made)
```

```
(30,842 real changes made)
`dutyToVote2W16 does not exist
variable civic_duty_waves was str21 now str24
(34,366 real changes made)
(34,366 real changes made)
variable civic_duty_waves was str24 now str27
(9,529 real changes made)
(9,529 real changes made)

52.
53. /**1635 different combinations for waves that respondents were interviewed**/
54. tab civic_duty_waves, sort
```

List of waves where answered the civic duty questions	Freq.	Percent	Cum.
-17	8,480	9.72	9.72
-7	2,937	3.37	13.09
-1-2-3-4-6-7-12-14-15-17	2,813	3.23	16.32
-15	2,717	3.12	19.43
-1-2	2,648	3.04	22.47
-12	2,630	3.02	25.48
-14	2,298	2.63	28.12
-15-17	2,025	2.32	30.44
-17-18	1,820	2.09	32.53
-1	1,784	2.05	34.57
-1-2-3-4-6-7	1,760	2.02	36.59
-12-14-15-17	1,745	2.00	38.59
-1-2-3-4-6	1,651	1.89	40.48
-8	1,578	1.81	42.29
-1-2-3-4-6-7-12	1,563	1.79	44.08
-14-15-17	1,477	1.69	45.78
-1-2-3-4-6-7-12-14-15	1,273	1.46	47.24
-14-15	1,146	1.31	48.55
-4-6	1,111	1.27	49.83
-1-2-3-4-6-7-12-14	1,064	1.22	51.05
-7-12-14-15-17	1,036	1.19	52.23
-1-2-3	1,013	1.16	53.40
-8-12-14-15-17	943	1.08	54.48
-7-12	935	1.07	55.55
-4	863	0.99	56.54
-12-14	860	0.99	57.52
-12-14-15	755	0.87	58.39
-8-12	750	0.86	59.25
-1-2-3-4-6-7-12-14-15-17-18	734	0.84	60.09
-18	693	0.79	60.89
-1-2-3-4-6-7-12-14-17	625	0.72	61.60
-3	610	0.70	62.30
-1-2-3-4	529	0.61	62.91
-4-6-7	504	0.58	63.49
-2	503	0.58	64.06
-12-14-15-17-18	497	0.57	64.63
-7-12-14-15	456	0.52	65.16
-4-6-7-12-14-15-17	437	0.50	65.66
-15-17-18	436	0.50	66.16
-1-2-3-4-6-7-12-15-17	429	0.49	66.65
-8-12-14-15	421	0.48	67.13
-1-2-3-4-6-7-12-17	407	0.47	67.60
-7-12-14	404	0.46	68.06
-1-2-3-4-6-7-14-15-17	381	0.44	68.50
-1-2-3-4-6-7-12-15	378	0.43	68.93
-8-12-14	376	0.43	69.36
-14-15-17-18	372	0.43	69.79
-14-17	365	0.42	70.21
-3-4-6	359	0.41	70.62
-12-15	331	0.38	71.00
-1-2-3-4-6-7-14	305	0.35	71.35
-12-14-17	304	0.35	71.70
-7-14	286	0.33	72.02
-1-2-3-6	284	0.33	72.35
-1-2-3-4-6-7-14-15	281	0.32	72.67

-12-15-17	**270**	**0.31**	**72.98**
-12-17	**261**	**0.30**	**73.28**
-1-2-3-4-6-8	**259**	**0.30**	**73.58**
-1-2-4-6	**255**	**0.29**	**73.87**
-8-12-14-15-17-18	**253**	**0.29**	**74.16**
-3-4-6-7	**249**	**0.29**	**74.45**
-4-6-7-12	**242**	**0.28**	**74.72**
-1-2-3-4-6-7-12-14-15-18	**238**	**0.27**	**75.00**
-2-3	**236**	**0.27**	**75.27**
-7-12-14-15-17-18	**234**	**0.27**	**75.54**
-2-3-4-6	**232**	**0.27**	**75.80**
-2-3-4-6-7-12-14-15-17	**232**	**0.27**	**76.07**
-1-2-3-4-6-8-12	**230**	**0.26**	**76.33**
-1-2-3-4-6-12	**226**	**0.26**	**76.59**
-3-4-6-7-12-14-15-17	**224**	**0.26**	**76.85**
-2-3-4-6-7	**214**	**0.25**	**77.09**
-1-2-4-6-7	**213**	**0.24**	**77.34**
-7-12-14-17	**213**	**0.24**	**77.58**
-8-12-14-17	**205**	**0.24**	**77.82**
-15-18	**198**	**0.23**	**78.04**
-7-15	**198**	**0.23**	**78.27**
-4-6-7-12-14-15	**197**	**0.23**	**78.50**
-1-2-3-4-6-7-15	**196**	**0.22**	**78.72**
-2-3-4-6-7-12	**190**	**0.22**	**78.94**
-8-14	**189**	**0.22**	**79.16**
-8-12-15	**187**	**0.21**	**79.37**
-8-12-17	**187**	**0.21**	**79.58**
-7-14-15-17	**176**	**0.20**	**79.79**
-7-12-17	**173**	**0.20**	**79.98**
-3-4	**163**	**0.19**	**80.17**
-4-6-7-12-14	**156**	**0.18**	**80.35**
-7-12-15	**155**	**0.18**	**80.53**
-1-2-4-6-7-12-14-15-17	**151**	**0.17**	**80.70**
-1-2-6	**151**	**0.17**	**80.87**
-7-12-15-17	**150**	**0.17**	**81.05**
-1-2-3-4-6-7-12-14-17-18	**149**	**0.17**	**81.22**
-1-2-3-4-6-7-17	**149**	**0.17**	**81.39**
-7-14-15	**149**	**0.17**	**81.56**
-8-12-15-17	**148**	**0.17**	**81.73**
-8-15	**146**	**0.17**	**81.90**
-1-3	**144**	**0.17**	**82.06**
-1-2-3-4-6-7-14-17	**143**	**0.16**	**82.22**
-1-2-4	**143**	**0.16**	**82.39**
-1-4	**142**	**0.16**	**82.55**
-14-15-18	**137**	**0.16**	**82.71**
-1-6	**135**	**0.15**	**82.86**
-4-6-7-12-14-15-17-18	**135**	**0.15**	**83.02**
-1-2-3-4-6-7-15-17	**129**	**0.15**	**83.17**
-8-14-15-17	**129**	**0.15**	**83.31**
-1-2-3-4-7	**128**	**0.15**	**83.46**
-3-4-6-7-12	**128**	**0.15**	**83.61**
-8-14-15	**128**	**0.15**	**83.75**
-1-4-6	**126**	**0.14**	**83.90**
-7-17	**126**	**0.14**	**84.04**
-2-3-4-6-7-12-14-15	**123**	**0.14**	**84.18**
-1-2-3-4-6-7-12-18	**118**	**0.14**	**84.32**
-1-2-3-6-7	**116**	**0.13**	**84.45**
-3-6	**113**	**0.13**	**84.58**
-1-2-4-6-7-12	**111**	**0.13**	**84.71**
-1-2-3-4-6-7-12-14-18	**106**	**0.12**	**84.83**
-2-3-4	**105**	**0.12**	**84.95**
-12-14-15-18	**101**	**0.12**	**85.07**
-2-3-4-6-7-12-14	**99**	**0.11**	**85.18**
-1-2-3-4-6-7-12-15-17-18	**97**	**0.11**	**85.29**
-8-17	**97**	**0.11**	**85.40**
-1-2-3-4-6-8-12-14-15-17	**92**	**0.11**	**85.51**
-1-3-4-6	**90**	**0.10**	**85.61**
-7-15-17	**90**	**0.10**	**85.71**
-1-2-3-4-6-8-12-14	**89**	**0.10**	**85.82**
-1-2-3-6-7-12	**89**	**0.10**	**85.92**
-14-17-18	**89**	**0.10**	**86.02**
-4-6-7-12-14-17	**89**	**0.10**	**86.12**

-4-6-12	**87**	**0.10**	**86.22**
-8-15-17	**84**	**0.10**	**86.32**
-3-4-6-7-12-14-15	**81**	**0.09**	**86.41**
-1-2-3-4-6-7-14-15-17-18	**80**	**0.09**	**86.50**
-2-3-4-6-7-12-14-17	**80**	**0.09**	**86.60**
-8-12-14-15-18	**80**	**0.09**	**86.69**
-1-2-3-4-6-14	**77**	**0.09**	**86.78**
-4-6-8	**74**	**0.08**	**86.86**
-1-2-3-4-6-7-12-15-18	**72**	**0.08**	**86.94**
-1-2-4-6-7-12-14-15	**72**	**0.08**	**87.03**
-4-6-7-12-15	**72**	**0.08**	**87.11**
-7-12-14-15-18	**72**	**0.08**	**87.19**
-4-6-7-14	**71**	**0.08**	**87.27**
-1-3-4	**70**	**0.08**	**87.35**
-6	**70**	**0.08**	**87.43**
-7-14-17	**70**	**0.08**	**87.51**
-1-2-3-6-7-12-14-15-17	**69**	**0.08**	**87.59**
-1-2-3-4-6-15	**68**	**0.08**	**87.67**
-12-14-17-18	**66**	**0.08**	**87.75**
-4-7	**66**	**0.08**	**87.82**
-1-2-3-4-6-8-12-14-15	**65**	**0.07**	**87.90**
-2-3-6	**65**	**0.07**	**87.97**
-1-2-4-6-7-12-14	**64**	**0.07**	**88.04**
-14-18	**62**	**0.07**	**88.11**
-1-2-3-4-6-7-12-17-18	**61**	**0.07**	**88.18**
-1-2-3-4-7-12	**61**	**0.07**	**88.25**
-1-2-6-7	**61**	**0.07**	**88.32**
-8-14-17	**61**	**0.07**	**88.39**
-1-2-3-4-6-12-14	**59**	**0.07**	**88.46**
-1-2-3-4-6-17	**59**	**0.07**	**88.53**
-4-6-7-12-15-17	**59**	**0.07**	**88.60**
-12-15-17-18	**58**	**0.07**	**88.66**
-1-2-3-7	**57**	**0.07**	**88.73**
-1-2-7	**57**	**0.07**	**88.79**
-4-6-7-14-15-17	**57**	**0.07**	**88.86**
-3-4-6-7-12-14	**56**	**0.06**	**88.92**
-1-2-3-4-6-7-18	**55**	**0.06**	**88.99**
-4-6-7-14-15	**55**	**0.06**	**89.05**
-8-12-14-17-18	**55**	**0.06**	**89.11**
-4-6-15	**53**	**0.06**	**89.17**
-4-6-7-12-17	**53**	**0.06**	**89.23**
-7-12-18	**53**	**0.06**	**89.30**
-8-12-18	**52**	**0.06**	**89.36**
-1-2-4-6-8	**51**	**0.06**	**89.41**
-2-3-4-6-7-12-14-15-17-18	**51**	**0.06**	**89.47**
-1-2-3-4-7-12-14-15-17	**50**	**0.06**	**89.53**
-2-3-4-6-8	**50**	**0.06**	**89.59**
-12-17-18	**49**	**0.06**	**89.64**
-1-2-3-4-6-12-14-15-17	**48**	**0.06**	**89.70**
-1-2-3-4-8	**48**	**0.06**	**89.75**
-12-18	**48**	**0.06**	**89.81**
-4-6-7-15	**48**	**0.06**	**89.86**
-4-6-7-15-17	**48**	**0.06**	**89.92**
-1-2-3-4-6-8-12-14-17	**47**	**0.05**	**89.97**
-1-2-3-6-8	**47**	**0.05**	**90.03**
-1-3-6	**47**	**0.05**	**90.08**
-1-4-6-7	**47**	**0.05**	**90.13**
-2-3-4-6-7-12-15	**47**	**0.05**	**90.19**
-4-6-7-17	**47**	**0.05**	**90.24**
-2-4-6	**46**	**0.05**	**90.29**
-1-3-4-6-7	**45**	**0.05**	**90.35**
-12-14-18	**45**	**0.05**	**90.40**
-3-4-6-7-12-14-15-17-18	**45**	**0.05**	**90.45**
-1-2-3-4-6-8-14	**44**	**0.05**	**90.50**
-1-2-3-4-6-12-14-15	**43**	**0.05**	**90.55**
-1-2-3-4-6-14-15-17	**43**	**0.05**	**90.60**
-1-2-3-4-6-8-12-15	**43**	**0.05**	**90.65**
-1-2-3-6-12	**43**	**0.05**	**90.70**
-1-2-3-6-7-12-14-15	**43**	**0.05**	**90.75**
-2-3-4-6-7-12-15-17	**43**	**0.05**	**90.80**
-2-6	**43**	**0.05**	**90.84**
-1-2-12	**42**	**0.05**	**90.89**

-3-4-6-7-12-14-17	**42**	**0.05**	**90.94**
-8-12-15-17-18	**42**	**0.05**	**90.99**
-1-7	**41**	**0.05**	**91.04**
-1-2-3-4-12	**40**	**0.05**	**91.08**
-1-2-4-6-7-12-14-15-17-18	**40**	**0.05**	**91.13**
-1-2-4-6-7-12-14-17	**40**	**0.05**	**91.17**
-2-3-4-6-7-12-17	**39**	**0.04**	**91.22**
-3-4-6-12	**39**	**0.04**	**91.26**
-4-6-17	**38**	**0.04**	**91.31**
-1-2-3-4-6-15-17	**37**	**0.04**	**91.35**
-1-2-3-4-6-8-12-17	**37**	**0.04**	**91.39**
-4-6-8-12	**37**	**0.04**	**91.43**
-1-2-3-12	**36**	**0.04**	**91.48**
-1-2-3-4-6-7-14-15-18	**36**	**0.04**	**91.52**
-1-2-4-6-7-12-17	**36**	**0.04**	**91.56**
-1-2-4-6-7-14-15-17	**36**	**0.04**	**91.60**
-1-2-3-4-6-12-15	**35**	**0.04**	**91.64**
-1-2-3-4-6-14-15	**35**	**0.04**	**91.68**
-1-2-4-6-12	**35**	**0.04**	**91.72**
-1-2-4-6-7-12-15	**35**	**0.04**	**91.76**
-3-4-6-8	**35**	**0.04**	**91.80**
-7-12-14-17-18	**35**	**0.04**	**91.84**
-7-14-15-17-18	**35**	**0.04**	**91.88**
-8-12-17-18	**35**	**0.04**	**91.92**
-1-2-3-4-6-8-15	**34**	**0.04**	**91.96**
-2-3-4-6-12	**34**	**0.04**	**92.00**
-3-4-6-7-14	**34**	**0.04**	**92.04**
-8-14-15-17-18	**34**	**0.04**	**92.08**
-3-6-7	**33**	**0.04**	**92.11**
-7-18	**33**	**0.04**	**92.15**
-8-18	**33**	**0.04**	**92.19**
-1-2-3-4-7-12-14	**32**	**0.04**	**92.23**
-1-2-3-7-12	**32**	**0.04**	**92.26**
-1-2-4-7	**32**	**0.04**	**92.30**
-2-3-4-6-7-14-15-17	**32**	**0.04**	**92.34**
-2-3-4-6-8-12	**32**	**0.04**	**92.37**
-4-6-14	**31**	**0.04**	**92.41**
-7-12-15-17-18	**31**	**0.04**	**92.44**
-7-12-15-18	**31**	**0.04**	**92.48**
-1-2-3-4-7-14	**30**	**0.03**	**92.51**
-1-2-3-4-6-12-15-17	**29**	**0.03**	**92.55**
-1-2-3-4-6-8-12-15-17	**29**	**0.03**	**92.58**
-1-2-3-6-7-12-14	**29**	**0.03**	**92.61**
-1-2-4-6-7-12-15-17	**29**	**0.03**	**92.65**
-1-3-4-6-7-12	**29**	**0.03**	**92.68**
-12-15-18	**29**	**0.03**	**92.71**
-8-12-14-18	**29**	**0.03**	**92.75**
-1-2-3-4-6-12-14-17	**28**	**0.03**	**92.78**
-1-2-6-7-12-14-15-17	**28**	**0.03**	**92.81**
-2-4	**28**	**0.03**	**92.84**
-4-6-7-12-14-15-18	**28**	**0.03**	**92.88**
-1-2-3-4-6-7-17-18	**27**	**0.03**	**92.91**
-1-2-3-4-6-8-12-14-15-17-18	**27**	**0.03**	**92.94**
-1-2-3-4-6-8-12-18	**27**	**0.03**	**92.97**
-1-2-3-6-7-15	**27**	**0.03**	**93.00**
-1-2-4-6-8-12	**27**	**0.03**	**93.03**
-1-4-6-7-12	**27**	**0.03**	**93.06**
-2-3-4-6-7-14	**27**	**0.03**	**93.09**
-3-7	**27**	**0.03**	**93.12**
-1-2-3-4-6-12-17	**26**	**0.03**	**93.15**
-1-2-3-4-6-7-14-18	**26**	**0.03**	**93.18**
-1-2-3-4-7-14-15-17	**26**	**0.03**	**93.21**
-1-2-3-8	**26**	**0.03**	**93.24**
-3-4-6-7-14-15-17	**26**	**0.03**	**93.27**
-4-6-7-12-14-17-18	**26**	**0.03**	**93.30**
-4-6-7-14-17	**26**	**0.03**	**93.33**
-7-12-17-18	**25**	**0.03**	**93.36**
-1-2-3-4-14	**24**	**0.03**	**93.39**
-1-2-3-4-6-8-14-15-17	**24**	**0.03**	**93.42**
-1-2-3-4-7-12-14-15	**24**	**0.03**	**93.44**
-1-2-4-6-7-14-15	**24**	**0.03**	**93.47**
-1-2-6-7-12	**24**	**0.03**	**93.50**

-2-3-4-7	**24**	**0.03**	**93.53**
-7-12-14-18	**24**	**0.03**	**93.55**
-1-2-15	**23**	**0.03**	**93.58**
-1-2-3-6-8-12	**23**	**0.03**	**93.61**
-1-2-7-12-14-15-17	**23**	**0.03**	**93.63**
-2-3-4-6-7-14-15	**23**	**0.03**	**93.66**
-3-4-6-7-12-15-17	**23**	**0.03**	**93.68**
-3-4-6-7-15	**23**	**0.03**	**93.71**
-1-2-3-4-7-12-14-17	**22**	**0.03**	**93.74**
-1-2-3-4-8-12	**22**	**0.03**	**93.76**
-3-4-7	**22**	**0.03**	**93.79**
-7-17-18	**22**	**0.03**	**93.81**
-1-12	**21**	**0.02**	**93.84**
-1-2-3-4-6-7-15-17-18	**21**	**0.02**	**93.86**
-1-2-3-6-7-12-14-17	**21**	**0.02**	**93.88**
-1-3-4-6-7-12-14-15-17	**21**	**0.02**	**93.91**
-2-3-4-6-7-12-14-15-18	**21**	**0.02**	**93.93**
-2-3-4-6-7-17	**21**	**0.02**	**93.96**
-4-8	**21**	**0.02**	**93.98**
-1-2-3-14	**20**	**0.02**	**94.00**
-1-2-3-4-6-7-15-18	**20**	**0.02**	**94.03**
-1-2-8	**20**	**0.02**	**94.05**
-2-3-6-7	**20**	**0.02**	**94.07**
-2-4-6-7	**20**	**0.02**	**94.10**
-8-12-15-18	**20**	**0.02**	**94.12**
-8-17-18	**20**	**0.02**	**94.14**
-1-2-3-6-7-12-15	**19**	**0.02**	**94.16**
-2-3-4-6-7-15-17	**19**	**0.02**	**94.18**
-3-4-6-7-14-15	**19**	**0.02**	**94.21**
-4-12	**19**	**0.02**	**94.23**
-4-6-14-15	**19**	**0.02**	**94.25**
-4-6-7-14-15-17-18	**19**	**0.02**	**94.27**
-1-2-3-15	**18**	**0.02**	**94.29**
-1-2-3-4-6-18	**18**	**0.02**	**94.31**
-1-2-3-4-6-8-12-14-18	**18**	**0.02**	**94.33**
-1-2-3-4-6-8-17	**18**	**0.02**	**94.35**
-1-2-3-4-7-12-17	**18**	**0.02**	**94.37**
-1-2-4-6-17	**18**	**0.02**	**94.40**
-1-2-6-12	**18**	**0.02**	**94.42**
-1-3-4-6-8	**18**	**0.02**	**94.44**
-1-4-7	**18**	**0.02**	**94.46**
-3-4-6-7-12-17	**18**	**0.02**	**94.48**
-3-4-6-7-17	**18**	**0.02**	**94.50**
-7-15-18	**18**	**0.02**	**94.52**
-8-15-18	**18**	**0.02**	**94.54**
-1-2-3-4-6-7-14-17-18	**17**	**0.02**	**94.56**
-1-2-3-4-6-8-14-15	**17**	**0.02**	**94.58**
-1-2-3-4-7-14-15	**17**	**0.02**	**94.60**
-1-2-4-8	**17**	**0.02**	**94.62**
-1-6-12	**17**	**0.02**	**94.64**
-2-3-4-6-15	**17**	**0.02**	**94.66**
-2-3-4-6-8-12-14	**17**	**0.02**	**94.68**
-3-4-6-14	**17**	**0.02**	**94.70**
-3-4-6-7-12-15	**17**	**0.02**	**94.72**
-4-14	**17**	**0.02**	**94.73**
-4-6-12-14-15-17	**17**	**0.02**	**94.75**
-7-15-17-18	**17**	**0.02**	**94.77**
-1-2-3-6-15	**16**	**0.02**	**94.79**
-1-2-3-6-7-12-14-15-17-18	**16**	**0.02**	**94.81**
-1-2-4-12	**16**	**0.02**	**94.83**
-1-2-4-6-15	**16**	**0.02**	**94.85**
-1-2-7-12	**16**	**0.02**	**94.87**
-1-3-7	**16**	**0.02**	**94.88**
-1-6-7	**16**	**0.02**	**94.90**
-1-2-3-4-15	**15**	**0.02**	**94.92**
-1-2-3-4-7-15	**15**	**0.02**	**94.94**
-1-2-3-6-7-12-17	**15**	**0.02**	**94.95**
-1-2-3-6-7-14-15	**15**	**0.02**	**94.97**
-1-2-3-6-7-14-15-17	**15**	**0.02**	**94.99**
-1-2-4-6-7-15	**15**	**0.02**	**95.01**
-1-3-6-7	**15**	**0.02**	**95.02**
-2-3-4-6-7-15	**15**	**0.02**	**95.04**

-2-3-7	15	0.02	95.06
-4-6-12-14	15	0.02	95.07
-4-6-15-17	15	0.02	95.09
-1-15	14	0.02	95.11
-1-2-3-6-7-14	14	0.02	95.12
-1-2-4-6-7-12-14-15-18	14	0.02	95.14
-1-2-4-6-7-17	14	0.02	95.16
-1-2-6-7-12-14-15	14	0.02	95.17
-1-4-6-12	14	0.02	95.19
-2-4-6-7-12-14-15-17	14	0.02	95.20
-3-4-6-17	14	0.02	95.22
-4-15	14	0.02	95.24
-4-6-12-15-17	14	0.02	95.25
-4-6-14-15-17	14	0.02	95.27
-7-14-15-18	14	0.02	95.28
-1-2-14-15	13	0.01	95.30
-1-2-3-4-6-12-18	13	0.01	95.31
-1-2-3-4-6-8-12-15-18	13	0.01	95.33
-1-2-3-4-6-8-12-17-18	13	0.01	95.34
-1-2-3-4-7-12-15-17	13	0.01	95.36
-1-2-4-6-7-14	13	0.01	95.37
-1-8	13	0.01	95.39
-2-3-4-6-14	13	0.01	95.40
-2-3-4-6-7-12-14-18	13	0.01	95.42
-3-15	13	0.01	95.43
-3-4-6-15	13	0.01	95.45
-3-4-6-7-12-14-15-18	13	0.01	95.46
-3-4-6-8-12	13	0.01	95.48
-4-6-7-12-14-18	13	0.01	95.49
-4-6-7-12-17-18	13	0.01	95.51
-4-6-8-12-14	13	0.01	95.52
-8-14-15-18	13	0.01	95.54
-1-2-14	12	0.01	95.55
-1-2-17	12	0.01	95.57
-1-2-3-4-12-14	12	0.01	95.58
-1-2-3-4-6-15-18	12	0.01	95.59
-1-2-3-4-6-8-12-14-15-18	12	0.01	95.61
-1-2-3-4-6-8-15-17	12	0.01	95.62
-1-2-3-6-14	12	0.01	95.63
-1-2-3-7-12-14	12	0.01	95.65
-1-2-3-7-12-14-15-17	12	0.01	95.66
-1-3-12	12	0.01	95.68
-1-3-4-6-12	12	0.01	95.69
-1-3-4-7	12	0.01	95.70
-2-3-4-6-8-12-17	12	0.01	95.72
-2-4-6-7-12	12	0.01	95.73
-3-6-12	12	0.01	95.74
-3-6-7-12	12	0.01	95.76
-4-6-8-12-14-15-17	12	0.01	95.77
-8-15-17-18	12	0.01	95.79
-1-14	11	0.01	95.80
-1-2-3-4-14-15-17	11	0.01	95.81
-1-2-3-6-7-12-15-17	11	0.01	95.82
-1-2-4-6-12-14	11	0.01	95.84
-1-2-4-6-14	11	0.01	95.85
-1-2-4-6-7-12-14-17-18	11	0.01	95.86
-1-2-4-7-12	11	0.01	95.87
-1-3-4-6-7-12-14-15	11	0.01	95.89
-1-3-4-6-7-14-15	11	0.01	95.90
-1-4-6-8	11	0.01	95.91
-1-6-8	11	0.01	95.92
-3-4-6-7-12-14-17-18	11	0.01	95.94
-3-4-6-7-15-17	11	0.01	95.95
-3-4-6-8-12-14-15-17	11	0.01	95.96
-3-7-12	11	0.01	95.97
-4-6-12-14-15	11	0.01	95.99
-4-6-7-12-15-17-18	11	0.01	96.00
-8-14-17-18	11	0.01	96.01
-1-2-3-12-14	10	0.01	96.02
-1-2-3-17	10	0.01	96.04
-1-2-3-4-17	10	0.01	96.05
-1-2-3-4-6-14-17	10	0.01	96.06

-1-2-3-4-6-17-18	10	0.01	96.07
-1-2-3-4-6-8-14-17	10	0.01	96.08
-1-2-3-4-6-8-18	10	0.01	96.09
-1-2-3-4-7-12-14-15-17-18	10	0.01	96.10
-1-2-3-4-7-12-15	10	0.01	96.12
-1-2-3-4-7-15-17	10	0.01	96.13
-1-2-3-4-7-17	10	0.01	96.14
-1-2-3-6-12-14	10	0.01	96.15
-1-2-3-6-17	10	0.01	96.16
-1-2-3-7-12-14-15	10	0.01	96.17
-1-2-3-8-12	10	0.01	96.18
-1-2-4-6-8-12-14	10	0.01	96.20
-1-2-4-6-8-12-14-15-17	10	0.01	96.21
-1-2-6-8	10	0.01	96.22
-1-2-7-12-14	10	0.01	96.23
-1-2-7-12-14-15-17-18	10	0.01	96.24
-1-2-7-12-14-17	10	0.01	96.25
-1-2-7-14	10	0.01	96.26
-1-3-4-6-7-12-14	10	0.01	96.28
-1-3-4-6-7-17	10	0.01	96.29
-2-3-4-6-7-12-14-17-18	10	0.01	96.30
-2-3-4-6-7-12-18	10	0.01	96.31
-2-3-6-7-12	10	0.01	96.32
-3-4-6-7-12-15-17-18	10	0.01	96.33
-3-4-7-12	10	0.01	96.34
-4-6-12-15	10	0.01	96.36
-4-6-8-15	10	0.01	96.37
-4-7-12	10	0.01	96.38
-1-17	9	0.01	96.39
-1-2-15-17	9	0.01	96.40
-1-2-3-14-15	9	0.01	96.41
-1-2-3-4-6-14-15-17-18	9	0.01	96.42
-1-2-3-6-7-14-17	9	0.01	96.43
-1-2-4-14	9	0.01	96.44
-1-2-4-6-7-12-18	9	0.01	96.45
-1-2-7-12-14-15	9	0.01	96.46
-1-2-7-12-15	9	0.01	96.47
-1-3-4-6-7-14	9	0.01	96.48
-1-3-4-6-7-14-15-17	9	0.01	96.49
-1-7-12	9	0.01	96.50
-2-3-12	9	0.01	96.51
-2-3-6-8	9	0.01	96.52
-3-4-6-12-14	9	0.01	96.53
-3-4-6-12-17	9	0.01	96.54
-3-4-6-7-12-18	9	0.01	96.55
-4-7-14	9	0.01	96.56
-1-2-12-14	8	0.01	96.57
-1-2-3-4-12-14-15	8	0.01	96.58
-1-2-3-4-14-15	8	0.01	96.59
-1-2-3-4-15-17	8	0.01	96.60
-1-2-3-4-7-12-14-15-18	8	0.01	96.61
-1-2-3-4-8-12-14-15-17	8	0.01	96.62
-1-2-3-4-8-14	8	0.01	96.63
-1-2-3-4-8-15	8	0.01	96.64
-1-2-3-6-12-14-15	8	0.01	96.65
-1-2-3-6-14-15	8	0.01	96.66
-1-2-3-6-8-12-14	8	0.01	96.67
-1-2-3-7-15	8	0.01	96.67
-1-2-4-6-7-14-17	8	0.01	96.68
-1-2-4-6-8-12-15	8	0.01	96.69
-1-2-4-6-8-15-17	8	0.01	96.70
-1-2-6-15	8	0.01	96.71
-1-3-4-6-17	8	0.01	96.72
-1-3-4-6-7-12-15-17	8	0.01	96.73
-1-3-4-6-7-15	8	0.01	96.74
-1-4-12	8	0.01	96.75
-2-3-4-6-7-12-15-18	8	0.01	96.76
-2-3-4-6-7-12-17-18	8	0.01	96.77
-2-3-4-6-8-14	8	0.01	96.78
-2-4-7	8	0.01	96.78
-2-7	8	0.01	96.79
-3-14	8	0.01	96.80

-4-14-15	**8**	**0.01**	**96.81**
-4-6-12-17	**8**	**0.01**	**96.82**
-4-6-18	**8**	**0.01**	**96.83**
-4-6-7-12-18	**8**	**0.01**	**96.84**
-4-6-8-12-14-15	**8**	**0.01**	**96.85**
-4-6-8-12-17	**8**	**0.01**	**96.86**
-4-7-15	**8**	**0.01**	**96.87**
-7-14-17-18	**8**	**0.01**	**96.88**
-7-14-18	**8**	**0.01**	**96.89**
-8-14-18	**8**	**0.01**	**96.90**
-1-15-17	**7**	**0.01**	**96.90**
-1-18	**7**	**0.01**	**96.91**
-1-2-12-14-15-17	**7**	**0.01**	**96.92**
-1-2-3-12-14-15-17	**7**	**0.01**	**96.93**
-1-2-3-4-12-14-15-17	**7**	**0.01**	**96.94**
-1-2-3-4-12-17	**7**	**0.01**	**96.94**
-1-2-3-4-14-17	**7**	**0.01**	**96.95**
-1-2-3-4-6-15-17-18	**7**	**0.01**	**96.96**
-1-2-3-4-6-8-12-14-17-18	**7**	**0.01**	**96.97**
-1-2-3-4-7-12-18	**7**	**0.01**	**96.98**
-1-2-3-4-8-12-15	**7**	**0.01**	**96.98**
-1-2-3-6-12-15	**7**	**0.01**	**96.99**
-1-2-3-6-7-12-15-17-18	**7**	**0.01**	**97.00**
-1-2-3-6-7-17	**7**	**0.01**	**97.01**
-1-2-3-7-14	**7**	**0.01**	**97.02**
-1-2-4-15	**7**	**0.01**	**97.02**
-1-2-4-6-12-15	**7**	**0.01**	**97.03**
-1-2-4-6-7-12-15-17-18	**7**	**0.01**	**97.04**
-1-2-4-6-7-12-17-18	**7**	**0.01**	**97.05**
-1-2-4-6-8-12-14-17	**7**	**0.01**	**97.06**
-1-2-4-7-12-14-15-17	**7**	**0.01**	**97.06**
-1-2-6-14	**7**	**0.01**	**97.07**
-1-2-6-7-12-14	**7**	**0.01**	**97.08**
-1-2-6-7-12-14-15-17-18	**7**	**0.01**	**97.09**
-1-2-7-12-17	**7**	**0.01**	**97.10**
-1-2-7-14-15-17	**7**	**0.01**	**97.10**
-1-3-4-6-15	**7**	**0.01**	**97.11**
-1-3-4-6-8-12	**7**	**0.01**	**97.12**
-1-4-14	**7**	**0.01**	**97.13**
-1-6-7-12	**7**	**0.01**	**97.14**
-2-3-4-12	**7**	**0.01**	**97.14**
-2-3-4-6-12-14	**7**	**0.01**	**97.15**
-2-3-4-6-12-15	**7**	**0.01**	**97.16**
-2-3-4-6-7-14-15-17-18	**7**	**0.01**	**97.17**
-2-3-4-7-12	**7**	**0.01**	**97.18**
-2-4-6-8	**7**	**0.01**	**97.18**
-3-12	**7**	**0.01**	**97.19**
-3-4-12	**7**	**0.01**	**97.20**
-3-4-15	**7**	**0.01**	**97.21**
-3-4-6-12-15	**7**	**0.01**	**97.22**
-3-4-6-7-14-17	**7**	**0.01**	**97.22**
-3-6-7-12-14-15-17	**7**	**0.01**	**97.23**
-3-8	**7**	**0.01**	**97.24**
-4-6-7-14-15-18	**7**	**0.01**	**97.25**
-4-6-7-14-17-18	**7**	**0.01**	**97.26**
-4-6-7-14-18	**7**	**0.01**	**97.26**
-4-6-8-12-14-17	**7**	**0.01**	**97.27**
-4-7-12-14	**7**	**0.01**	**97.28**
-4-7-12-14-15-17	**7**	**0.01**	**97.29**
-4-7-14-15	**7**	**0.01**	**97.30**
-6-7	**7**	**0.01**	**97.30**
-1-2-14-15-17	**6**	**0.01**	**97.31**
-1-2-3-12-14-15	**6**	**0.01**	**97.32**
-1-2-3-4-12-15	**6**	**0.01**	**97.33**
-1-2-3-4-6-8-12-15-17-18	**6**	**0.01**	**97.33**
-1-2-3-4-6-8-14-15-17-18	**6**	**0.01**	**97.34**
-1-2-3-4-7-14-15-17-18	**6**	**0.01**	**97.35**
-1-2-3-6-12-17	**6**	**0.01**	**97.35**
-1-2-3-6-7-12-14-15-18	**6**	**0.01**	**97.36**
-1-2-3-6-7-12-14-17-18	**6**	**0.01**	**97.37**
-1-2-3-6-7-15-17	**6**	**0.01**	**97.37**
-1-2-3-6-8-12-14-15-17	**6**	**0.01**	**97.38**

-1-2-3-6-8-14-15	**6**	**0.01**	**97.39**
-1-2-3-6-8-15	**6**	**0.01**	**97.39**
-1-2-3-7-14-15	**6**	**0.01**	**97.40**
-1-2-3-7-14-15-17	**6**	**0.01**	**97.41**
-1-2-4-6-14-15	**6**	**0.01**	**97.41**
-1-2-4-6-15-17	**6**	**0.01**	**97.42**
-1-2-4-6-7-15-17	**6**	**0.01**	**97.43**
-1-2-6-7-14	**6**	**0.01**	**97.44**
-1-2-6-7-15	**6**	**0.01**	**97.44**
-1-2-6-8-12	**6**	**0.01**	**97.45**
-1-2-7-15	**6**	**0.01**	**97.46**
-1-4-6-7-14	**6**	**0.01**	**97.46**
-1-7-12-14-15-17	**6**	**0.01**	**97.47**
-2-12	**6**	**0.01**	**97.48**
-2-3-4-6-17	**6**	**0.01**	**97.48**
-2-3-4-6-7-12-15-17-18	**6**	**0.01**	**97.49**
-2-3-4-6-7-14-17	**6**	**0.01**	**97.50**
-2-3-4-6-8-15	**6**	**0.01**	**97.50**
-2-3-6-12	**6**	**0.01**	**97.51**
-2-3-6-7-12-14-15-17	**6**	**0.01**	**97.52**
-2-4-6-7-12-14	**6**	**0.01**	**97.52**
-2-4-6-8-12	**6**	**0.01**	**97.53**
-2-8	**6**	**0.01**	**97.54**
-3-4-6-14-15	**6**	**0.01**	**97.55**
-3-4-6-7-14-15-17-18	**6**	**0.01**	**97.55**
-3-4-6-7-14-15-18	**6**	**0.01**	**97.56**
-3-4-6-7-18	**6**	**0.01**	**97.57**
-3-4-8	**6**	**0.01**	**97.57**
-4-12-14	**6**	**0.01**	**97.58**
-4-6-14-17	**6**	**0.01**	**97.59**
-4-6-8-12-15	**6**	**0.01**	**97.59**
-4-6-8-12-17-18	**6**	**0.01**	**97.60**
-4-6-8-14	**6**	**0.01**	**97.61**
-4-7-12-15	**6**	**0.01**	**97.61**
-4-7-14-15-17	**6**	**0.01**	**97.62**
-1-14-15	**5**	**0.01**	**97.63**
-1-2-12-14-15	**5**	**0.01**	**97.63**
-1-2-12-14-17	**5**	**0.01**	**97.64**
-1-2-12-15	**5**	**0.01**	**97.64**
-1-2-3-4-12-15-17	**5**	**0.01**	**97.65**
-1-2-3-4-6-12-14-15-17-18	**5**	**0.01**	**97.66**
-1-2-3-4-6-12-14-15-18	**5**	**0.01**	**97.66**
-1-2-3-4-6-12-17-18	**5**	**0.01**	**97.67**
-1-2-3-4-6-8-17-18	**5**	**0.01**	**97.67**
-1-2-3-4-8-12-14	**5**	**0.01**	**97.68**
-1-2-3-4-8-12-14-15	**5**	**0.01**	**97.68**
-1-2-3-6-15-17	**5**	**0.01**	**97.69**
-1-2-3-6-18	**5**	**0.01**	**97.70**
-1-2-4-14-15-17	**5**	**0.01**	**97.70**
-1-2-4-17	**5**	**0.01**	**97.71**
-1-2-4-6-12-14-15	**5**	**0.01**	**97.71**
-1-2-4-6-14-15-17	**5**	**0.01**	**97.72**
-1-2-4-6-7-14-15-17-18	**5**	**0.01**	**97.72**
-1-2-4-6-8-12-14-15	**5**	**0.01**	**97.73**
-1-2-4-6-8-12-15-17	**5**	**0.01**	**97.74**
-1-2-4-6-8-12-17	**5**	**0.01**	**97.74**
-1-2-4-6-8-14	**5**	**0.01**	**97.75**
-1-2-4-6-8-15	**5**	**0.01**	**97.75**
-1-2-4-6-8-17	**5**	**0.01**	**97.76**
-1-2-4-7-12-14-17	**5**	**0.01**	**97.76**
-1-2-4-7-14-15	**5**	**0.01**	**97.77**
-1-2-6-12-14	**5**	**0.01**	**97.78**
-1-2-6-15-17	**5**	**0.01**	**97.78**
-1-2-6-7-12-15	**5**	**0.01**	**97.79**
-1-2-6-7-17	**5**	**0.01**	**97.79**
-1-2-7-12-15-17	**5**	**0.01**	**97.80**
-1-3-4-12	**5**	**0.01**	**97.80**
-1-3-4-6-14	**5**	**0.01**	**97.81**
-1-3-4-6-7-12-14-15-17-18	**5**	**0.01**	**97.82**
-1-3-4-6-7-12-14-17	**5**	**0.01**	**97.82**
-1-3-4-6-7-15-17	**5**	**0.01**	**97.83**
-1-3-6-12-14-15	**5**	**0.01**	**97.83**

-1-3-6-7-12	5	0.01	97.84
-1-3-8	5	0.01	97.84
-1-4-6-12-14	5	0.01	97.85
-1-4-6-14	5	0.01	97.86
-1-4-6-17	5	0.01	97.86
-1-4-6-7-12-14	5	0.01	97.87
-1-4-6-7-12-14-15-17	5	0.01	97.87
-1-4-6-7-12-17	5	0.01	97.88
-1-6-15	5	0.01	97.88
-1-6-7-12-14-15	5	0.01	97.89
-1-6-7-12-15	5	0.01	97.90
-1-7-14	5	0.01	97.90
-2-3-15	5	0.01	97.91
-2-3-4-17	5	0.01	97.91
-2-3-4-6-12-14-15	5	0.01	97.92
-2-3-4-6-12-14-15-17	5	0.01	97.92
-2-3-4-6-7-14-17-18	5	0.01	97.93
-2-3-4-6-8-12-14-15	5	0.01	97.94
-2-3-4-8	5	0.01	97.94
-2-3-6-8-12	5	0.01	97.95
-2-4-6-12	5	0.01	97.95
-2-4-6-7-12-17	5	0.01	97.96
-3-4-7-14	5	0.01	97.96
-3-4-7-14-15-17	5	0.01	97.97
-3-6-12-17	5	0.01	97.98
-3-6-8	5	0.01	97.98
-3-7-12-14	5	0.01	97.99
-3-7-12-14-15-17	5	0.01	97.99
-4-17	5	0.01	98.00
-4-6-12-14-15-17-18	5	0.01	98.00
-4-6-17-18	5	0.01	98.01
-4-6-7-15-17-18	5	0.01	98.02
-4-6-7-15-18	5	0.01	98.02
-1-14-15-17	4	0.00	98.03
-1-2-12-15-17	4	0.00	98.03
-1-2-18	4	0.00	98.04
-1-2-3-12-14-17	4	0.00	98.04
-1-2-3-12-15-17	4	0.00	98.05
-1-2-3-14-17	4	0.00	98.05
-1-2-3-15-17	4	0.00	98.05
-1-2-3-4-17-18	4	0.00	98.06
-1-2-3-4-6-12-15-18	4	0.00	98.06
-1-2-3-4-7-14-17	4	0.00	98.07
-1-2-3-4-8-12-17	4	0.00	98.07
-1-2-3-4-8-17	4	0.00	98.08
-1-2-3-6-12-18	4	0.00	98.08
-1-2-3-6-7-12-14-18	4	0.00	98.09
-1-2-3-7-12-14-15-17-18	4	0.00	98.09
-1-2-3-7-12-14-17	4	0.00	98.10
-1-2-3-7-12-18	4	0.00	98.10
-1-2-3-8-12-14	4	0.00	98.10
-1-2-4-12-14-15	4	0.00	98.11
-1-2-4-15-17	4	0.00	98.11
-1-2-4-6-12-14-15-17	4	0.00	98.12
-1-2-4-6-12-14-17	4	0.00	98.12
-1-2-4-6-15-17-18	4	0.00	98.13
-1-2-4-6-7-12-14-18	4	0.00	98.13
-1-2-4-6-7-14-17-18	4	0.00	98.14
-1-2-4-6-7-17-18	4	0.00	98.14
-1-2-4-6-7-18	4	0.00	98.15
-1-2-4-6-8-14-17	4	0.00	98.15
-1-2-4-7-12-14	4	0.00	98.16
-1-2-4-7-12-17	4	0.00	98.16
-1-2-4-7-17	4	0.00	98.16
-1-2-6-7-12-15-17	4	0.00	98.17
-1-2-6-7-12-17	4	0.00	98.17
-1-2-6-7-14-15-17	4	0.00	98.18
-1-2-6-7-15-17	4	0.00	98.18
-1-2-7-15-17	4	0.00	98.19
-1-2-8-12	4	0.00	98.19
-1-3-14	4	0.00	98.20
-1-3-15	4	0.00	98.20

-1-3-17	**4**	**0.00**	**98.21**
-1-3-4-6-14-15	**4**	**0.00**	**98.21**
-1-3-4-6-7-12-15	**4**	**0.00**	**98.21**
-1-3-4-6-7-12-17	**4**	**0.00**	**98.22**
-1-3-6-18	**4**	**0.00**	**98.22**
-1-3-6-8	**4**	**0.00**	**98.23**
-1-3-7-12-14-15-17	**4**	**0.00**	**98.23**
-1-3-8-12	**4**	**0.00**	**98.24**
-1-4-15	**4**	**0.00**	**98.24**
-1-4-6-15-17	**4**	**0.00**	**98.25**
-1-4-6-7-12-14-15	**4**	**0.00**	**98.25**
-1-4-6-7-14-15	**4**	**0.00**	**98.26**
-1-4-6-7-14-15-17	**4**	**0.00**	**98.26**
-1-4-6-7-15	**4**	**0.00**	**98.27**
-1-4-8	**4**	**0.00**	**98.27**
-1-6-8-12	**4**	**0.00**	**98.27**
-1-7-12-14	**4**	**0.00**	**98.28**
-1-7-12-14-15	**4**	**0.00**	**98.28**
-1-8-12	**4**	**0.00**	**98.29**
-2-3-4-12-14	**4**	**0.00**	**98.29**
-2-3-4-6-12-18	**4**	**0.00**	**98.30**
-2-3-4-6-14-15-17	**4**	**0.00**	**98.30**
-2-3-4-6-15-17	**4**	**0.00**	**98.31**
-2-3-4-6-8-12-14-15-17	**4**	**0.00**	**98.31**
-2-3-4-6-8-12-14-15-18	**4**	**0.00**	**98.32**
-2-3-4-6-8-12-18	**4**	**0.00**	**98.32**
-2-3-4-6-8-17	**4**	**0.00**	**98.32**
-2-3-4-7-12-15	**4**	**0.00**	**98.33**
-2-4-6-14	**4**	**0.00**	**98.33**
-2-4-6-7-12-14-17	**4**	**0.00**	**98.34**
-2-4-6-7-12-18	**4**	**0.00**	**98.34**
-3-14-15-17	**4**	**0.00**	**98.35**
-3-4-14	**4**	**0.00**	**98.35**
-3-4-6-12-14-15-17	**4**	**0.00**	**98.36**
-3-4-6-12-15-17	**4**	**0.00**	**98.36**
-3-4-6-15-17	**4**	**0.00**	**98.37**
-3-4-6-8-12-14	**4**	**0.00**	**98.37**
-3-4-6-8-12-14-15	**4**	**0.00**	**98.38**
-3-4-6-8-15	**4**	**0.00**	**98.38**
-3-4-6-8-15-17	**4**	**0.00**	**98.38**
-3-4-7-12-15-17	**4**	**0.00**	**98.39**
-3-6-7-14	**4**	**0.00**	**98.39**
-4-12-14-15	**4**	**0.00**	**98.40**
-4-15-17	**4**	**0.00**	**98.40**
-4-18	**4**	**0.00**	**98.41**
-4-6-12-14-17	**4**	**0.00**	**98.41**
-4-6-12-14-17-18	**4**	**0.00**	**98.42**
-4-6-15-17-18	**4**	**0.00**	**98.42**
-4-6-7-18	**4**	**0.00**	**98.43**
-4-6-8-12-14-15-17-18	**4**	**0.00**	**98.43**
-4-6-8-14-17	**4**	**0.00**	**98.43**
-4-6-8-15-17	**4**	**0.00**	**98.44**
-4-7-12-14-15	**4**	**0.00**	**98.44**
-4-7-12-14-15-17-18	**4**	**0.00**	**98.45**
-4-7-14-17	**4**	**0.00**	**98.45**
-4-7-15-17	**4**	**0.00**	**98.46**
-1-12-15	**3**	**0.00**	**98.46**
-1-2-12-14-15-17-18	**3**	**0.00**	**98.46**
-1-2-12-17	**3**	**0.00**	**98.47**
-1-2-3-12-15	**3**	**0.00**	**98.47**
-1-2-3-14-15-17	**3**	**0.00**	**98.48**
-1-2-3-4-18	**3**	**0.00**	**98.48**
-1-2-3-4-6-12-14-17-18	**3**	**0.00**	**98.48**
-1-2-3-4-6-14-17-18	**3**	**0.00**	**98.49**
-1-2-3-4-7-12-14-18	**3**	**0.00**	**98.49**
-1-2-3-4-7-12-15-18	**3**	**0.00**	**98.49**
-1-2-3-4-7-12-17-18	**3**	**0.00**	**98.50**
-1-2-3-4-7-18	**3**	**0.00**	**98.50**
-1-2-3-4-8-12-14-17	**3**	**0.00**	**98.50**
-1-2-3-4-8-12-15-17	**3**	**0.00**	**98.51**
-1-2-3-4-8-15-17	**3**	**0.00**	**98.51**
-1-2-3-4-8-17-18	**3**	**0.00**	**98.51**

-1-2-3-6-7-12-17-18	3	0.00	98.52
-1-2-3-6-7-14-15-17-18	3	0.00	98.52
-1-2-3-6-8-12-14-15	3	0.00	98.52
-1-2-3-6-8-14	3	0.00	98.53
-1-2-3-7-15-17	3	0.00	98.53
-1-2-3-7-17	3	0.00	98.53
-1-2-3-8-12-14-15	3	0.00	98.54
-1-2-4-12-17	3	0.00	98.54
-1-2-4-6-12-15-17	3	0.00	98.54
-1-2-4-6-14-17	3	0.00	98.55
-1-2-4-6-18	3	0.00	98.55
-1-2-4-6-7-12-15-18	3	0.00	98.55
-1-2-4-6-7-14-15-18	3	0.00	98.56
-1-2-4-6-7-15-18	3	0.00	98.56
-1-2-4-6-8-12-14-17-18	3	0.00	98.56
-1-2-4-7-12-14-15	3	0.00	98.57
-1-2-4-7-14	3	0.00	98.57
-1-2-4-8-12	3	0.00	98.57
-1-2-4-8-12-14-15-17	3	0.00	98.58
-1-2-4-8-15	3	0.00	98.58
-1-2-4-8-17	3	0.00	98.59
-1-2-6-12-15	3	0.00	98.59
-1-2-6-7-12-14-17	3	0.00	98.59
-1-2-6-7-14-17	3	0.00	98.60
-1-2-7-14-15	3	0.00	98.60
-1-2-7-18	3	0.00	98.60
-1-2-8-14	3	0.00	98.61
-1-3-4-6-12-14-15	3	0.00	98.61
-1-3-4-6-12-18	3	0.00	98.61
-1-3-4-6-14-18	3	0.00	98.62
-1-3-4-6-7-12-17-18	3	0.00	98.62
-1-3-4-6-7-14-17	3	0.00	98.62
-1-3-4-7-12	3	0.00	98.63
-1-3-4-7-12-14-15-17	3	0.00	98.63
-1-3-4-7-14	3	0.00	98.63
-1-3-4-8-12	3	0.00	98.64
-1-3-6-12	3	0.00	98.64
-1-3-6-7-12-14-17	3	0.00	98.64
-1-3-6-8-12	3	0.00	98.65
-1-3-7-12	3	0.00	98.65
-1-4-6-12-15	3	0.00	98.65
-1-4-6-12-17	3	0.00	98.66
-1-4-6-15	3	0.00	98.66
-1-4-6-7-12-14-18	3	0.00	98.66
-1-4-6-7-12-15	3	0.00	98.67
-1-4-6-7-17	3	0.00	98.67
-1-4-6-8-15	3	0.00	98.67
-1-4-7-12	3	0.00	98.68
-1-4-7-12-14-17	3	0.00	98.68
-1-6-17	3	0.00	98.68
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-2-4-8-12-14	1	0.00	99.86
-2-4-8-12-14-15-17	1	0.00	99.86
-2-4-8-12-15-17	1	0.00	99.86
-2-4-8-12-17	1	0.00	99.86
-2-4-8-14	1	0.00	99.86
-2-6-12-15	1	0.00	99.86
-2-6-12-17	1	0.00	99.87
-2-6-14	1	0.00	99.87
-2-6-15-17	1	0.00	99.87
-2-6-7-12-14	1	0.00	99.87
-2-6-7-12-14-15-17	1	0.00	99.87
-2-6-7-12-14-15-17-18	1	0.00	99.87
-2-6-7-14	1	0.00	99.87
-2-6-7-14-17-18	1	0.00	99.87
-2-6-8-12-14-15-17	1	0.00	99.88
-2-6-8-12-17	1	0.00	99.88
-2-7-12	1	0.00	99.88
-2-7-12-14	1	0.00	99.88
-2-7-12-14-15-17	1	0.00	99.88
-2-7-12-17	1	0.00	99.88
-2-7-14-15-18	1	0.00	99.88
-2-7-15	1	0.00	99.88
-2-8-12	1	0.00	99.88
-2-8-12-18	1	0.00	99.89
-3-12-14-15	1	0.00	99.89
-3-12-14-15-17	1	0.00	99.89
-3-12-14-17	1	0.00	99.89
-3-12-15-17-18	1	0.00	99.89
-3-14-15-17-18	1	0.00	99.89
-3-14-18	1	0.00	99.89
-3-15-17	1	0.00	99.89
-3-15-18	1	0.00	99.89
-3-18	1	0.00	99.90
-3-4-12-14-17-18	1	0.00	99.90
-3-4-12-15	1	0.00	99.90
-3-4-12-17	1	0.00	99.90
-3-4-12-18	1	0.00	99.90
-3-4-14-17	1	0.00	99.90
-3-4-15-17-18	1	0.00	99.90
-3-4-17-18	1	0.00	99.90
-3-4-18	1	0.00	99.90
-3-4-6-12-14-18	1	0.00	99.91
-3-4-6-12-17-18	1	0.00	99.91
-3-4-6-14-17-18	1	0.00	99.91
-3-4-6-15-17-18	1	0.00	99.91
-3-4-6-7-15-17-18	1	0.00	99.91
-3-4-6-7-8-12	1	0.00	99.91
-3-4-6-8-12-15-17-18	1	0.00	99.91
-3-4-6-8-12-17-18	1	0.00	99.91
-3-4-6-8-14	1	0.00	99.92
-3-4-6-8-14-15-17	1	0.00	99.92
-3-4-6-8-14-17-18	1	0.00	99.92
-3-4-7-12-14	1	0.00	99.92
-3-4-7-12-14-15	1	0.00	99.92
-3-4-7-12-14-17	1	0.00	99.92
-3-4-7-12-14-18	1	0.00	99.92

-3-4-7-12-15-17-18	1	0.00	99.92
-3-4-7-12-18	1	0.00	99.92
-3-4-7-14-18	1	0.00	99.93
-3-4-7-18	1	0.00	99.93
-3-4-8-12-14	1	0.00	99.93
-3-4-8-14-15	1	0.00	99.93
-3-4-8-14-15-17	1	0.00	99.93
-3-4-8-14-17	1	0.00	99.93
-3-4-8-15-17	1	0.00	99.93
-3-4-8-17	1	0.00	99.93
-3-6-12-15	1	0.00	99.93
-3-6-14	1	0.00	99.94
-3-6-14-17	1	0.00	99.94
-3-6-17	1	0.00	99.94
-3-6-18	1	0.00	99.94
-3-6-7-12-14-15-17-18	1	0.00	99.94
-3-6-7-12-14-15-18	1	0.00	99.94
-3-6-7-12-14-18	1	0.00	99.94
-3-6-7-12-15	1	0.00	99.94
-3-6-7-12-17	1	0.00	99.94
-3-6-7-12-18	1	0.00	99.95
-3-6-7-14-15-17	1	0.00	99.95
-3-6-7-15-17-18	1	0.00	99.95
-3-6-8-12-14-17	1	0.00	99.95
-3-6-8-12-18	1	0.00	99.95
-3-6-8-14	1	0.00	99.95
-3-7-12-14-15	1	0.00	99.95
-3-7-12-14-17	1	0.00	99.95
-3-7-12-14-17-18	1	0.00	99.96
-3-7-12-17-18	1	0.00	99.96
-3-7-15-17	1	0.00	99.96
-3-7-15-18	1	0.00	99.96
-3-8-12	1	0.00	99.96
-3-8-12-15	1	0.00	99.96
-3-8-12-15-17-18	1	0.00	99.96
-3-8-14	1	0.00	99.96
-4-12-14-15-17-18	1	0.00	99.96
-4-12-14-15-18	1	0.00	99.97
-4-12-14-17	1	0.00	99.97
-4-12-15-17-18	1	0.00	99.97
-4-12-17	1	0.00	99.97
-4-12-18	1	0.00	99.97
-4-14-18	1	0.00	99.97
-4-15-17-18	1	0.00	99.97
-4-6-12-14-18	1	0.00	99.97
-4-6-12-18	1	0.00	99.97
-4-6-14-15-17-18	1	0.00	99.98
-4-6-14-17-18	1	0.00	99.98
-4-6-7-17-18	1	0.00	99.98
-4-6-8-12-15-17-18	1	0.00	99.98
-4-6-8-12-18	1	0.00	99.98
-4-6-8-14-15-18	1	0.00	99.98
-4-7-12-15-17	1	0.00	99.98
-4-7-12-15-17-18	1	0.00	99.98
-4-8-12-14	1	0.00	99.99
-4-8-12-14-15-17	1	0.00	99.99
-4-8-12-14-15-17-18	1	0.00	99.99
-4-8-12-17	1	0.00	99.99
-4-8-15	1	0.00	99.99
-4-8-17	1	0.00	99.99
-4-8-18	1	0.00	99.99
-6-12	1	0.00	99.99
-6-12-14	1	0.00	99.99
-6-14-18	1	0.00	100.00
-6-7-12	1	0.00	100.00
-6-7-14	1	0.00	100.00
-6-7-14-15	1	0.00	100.00
-6-7-14-15-17	1	0.00	100.00
Total	**87,216**	**100.00**	

55. tab civic_duty_numwaves_answered, sort

Number of waves where answered the civic duty questions	Freq.	Percent	Cum.
1	**25,163**	**26.07**	**26.07**
2	**15,032**	**15.57**	**41.64**
3	**9,401**	**9.74**	**51.38**
0	**9,313**	**9.65**	**61.03**
4	**7,768**	**8.05**	**69.07**
5	**7,188**	**7.45**	**76.52**
6	**5,100**	**5.28**	**81.80**
7	**4,723**	**4.89**	**86.70**
8	**4,379**	**4.54**	**91.23**
9	**4,066**	**4.21**	**95.45**
10	**3,635**	**3.77**	**99.21**
11	**761**	**0.79**	**100.00**
Total	**96,529**	**100.00**	

56. tab civic_duty_waves if civic_duty_numwaves_answered > 1, sort

List of waves where answered the civic duty questions	Freq.	Percent	Cum.
-1-2-3-4-6-7-12-14-15-17	**2,813**	**4.53**	**4.53**
-1-2	**2,648**	**4.27**	**8.80**
-15-17	**2,025**	**3.26**	**12.06**
-17-18	**1,820**	**2.93**	**15.00**
-1-2-3-4-6-7	**1,760**	**2.84**	**17.83**
-12-14-15-17	**1,745**	**2.81**	**20.65**
-1-2-3-4-6	**1,651**	**2.66**	**23.31**
-1-2-3-4-6-7-12	**1,563**	**2.52**	**25.82**
-14-15-17	**1,477**	**2.38**	**28.20**
-1-2-3-4-6-7-12-14-15	**1,273**	**2.05**	**30.26**
-14-15	**1,146**	**1.85**	**32.10**
-4-6	**1,111**	**1.79**	**33.89**
-1-2-3-4-6-7-12-14	**1,064**	**1.71**	**35.61**
-7-12-14-15-17	**1,036**	**1.67**	**37.28**
-1-2-3	**1,013**	**1.63**	**38.91**
-8-12-14-15-17	**943**	**1.52**	**40.43**
-7-12	**935**	**1.51**	**41.94**
-12-14	**860**	**1.39**	**43.32**
-12-14-15	**755**	**1.22**	**44.54**
-8-12	**750**	**1.21**	**45.75**
-1-2-3-4-6-7-12-14-15-17-18	**734**	**1.18**	**46.93**
-1-2-3-4-6-7-12-14-17	**625**	**1.01**	**47.94**
-1-2-3-4	**529**	**0.85**	**48.79**
-4-6-7	**504**	**0.81**	**49.60**
-12-14-15-17-18	**497**	**0.80**	**50.40**
-7-12-14-15	**456**	**0.73**	**51.14**
-4-6-7-12-14-15-17	**437**	**0.70**	**51.84**
-15-17-18	**436**	**0.70**	**52.55**
-1-2-3-4-6-7-12-15-17	**429**	**0.69**	**53.24**
-8-12-14-15	**421**	**0.68**	**53.92**
-1-2-3-4-6-7-12-17	**407**	**0.66**	**54.57**
-7-12-14	**404**	**0.65**	**55.22**
-1-2-3-4-6-7-14-15-17	**381**	**0.61**	**55.84**
-1-2-3-4-6-7-12-15	**378**	**0.61**	**56.45**
-8-12-14	**376**	**0.61**	**57.05**
-14-15-17-18	**372**	**0.60**	**57.65**
-14-17	**365**	**0.59**	**58.24**
-3-4-6	**359**	**0.58**	**58.82**
-12-15	**331**	**0.53**	**59.35**
-1-2-3-4-6-7-14	**305**	**0.49**	**59.84**
-12-14-17	**304**	**0.49**	**60.33**
-7-14	**286**	**0.46**	**60.79**

-1-2-3-6	**284**	**0.46**	**61.25**
-1-2-3-4-6-7-14-15	**281**	**0.45**	**61.70**
-12-15-17	**270**	**0.44**	**62.14**
-12-17	**261**	**0.42**	**62.56**
-1-2-3-4-6-8	**259**	**0.42**	**62.98**
-1-2-4-6	**255**	**0.41**	**63.39**
-8-12-14-15-17-18	**253**	**0.41**	**63.80**
-3-4-6-7	**249**	**0.40**	**64.20**
-4-6-7-12	**242**	**0.39**	**64.59**
-1-2-3-4-6-7-12-14-15-18	**238**	**0.38**	**64.97**
-2-3	**236**	**0.38**	**65.35**
-7-12-14-15-17-18	**234**	**0.38**	**65.73**
-2-3-4-6	**232**	**0.37**	**66.10**
-2-3-4-6-7-12-14-15-17	**232**	**0.37**	**66.48**
-1-2-3-4-6-8-12	**230**	**0.37**	**66.85**
-1-2-3-4-6-12	**226**	**0.36**	**67.21**
-3-4-6-7-12-14-15-17	**224**	**0.36**	**67.57**
-2-3-4-6-7	**214**	**0.34**	**67.92**
-1-2-4-6-7	**213**	**0.34**	**68.26**
-7-12-14-17	**213**	**0.34**	**68.60**
-8-12-14-17	**205**	**0.33**	**68.93**
-15-18	**198**	**0.32**	**69.25**
-7-15	**198**	**0.32**	**69.57**
-4-6-7-12-14-15	**197**	**0.32**	**69.89**
-1-2-3-4-6-7-15	**196**	**0.32**	**70.20**
-2-3-4-6-7-12	**190**	**0.31**	**70.51**
-8-14	**189**	**0.30**	**70.82**
-8-12-15	**187**	**0.30**	**71.12**
-8-12-17	**187**	**0.30**	**71.42**
-7-14-15-17	**176**	**0.28**	**71.70**
-7-12-17	**173**	**0.28**	**71.98**
-3-4	**163**	**0.26**	**72.24**
-4-6-7-12-14	**156**	**0.25**	**72.49**
-7-12-15	**155**	**0.25**	**72.74**
-1-2-4-6-7-12-14-15-17	**151**	**0.24**	**72.99**
-1-2-6	**151**	**0.24**	**73.23**
-7-12-15-17	**150**	**0.24**	**73.47**
-1-2-3-4-6-7-12-14-17-18	**149**	**0.24**	**73.71**
-1-2-3-4-6-7-17	**149**	**0.24**	**73.95**
-7-14-15	**149**	**0.24**	**74.19**
-8-12-15-17	**148**	**0.24**	**74.43**
-8-15	**146**	**0.24**	**74.67**
-1-3	**144**	**0.23**	**74.90**
-1-2-3-4-6-7-14-17	**143**	**0.23**	**75.13**
-1-2-4	**143**	**0.23**	**75.36**
-1-4	**142**	**0.23**	**75.59**
-14-15-18	**137**	**0.22**	**75.81**
-1-6	**135**	**0.22**	**76.03**
-4-6-7-12-14-15-17-18	**135**	**0.22**	**76.24**
-1-2-3-4-6-7-15-17	**129**	**0.21**	**76.45**
-8-14-15-17	**129**	**0.21**	**76.66**
-1-2-3-4-7	**128**	**0.21**	**76.87**
-3-4-6-7-12	**128**	**0.21**	**77.07**
-8-14-15	**128**	**0.21**	**77.28**
-1-4-6	**126**	**0.20**	**77.48**
-7-17	**126**	**0.20**	**77.69**
-2-3-4-6-7-12-14-15	**123**	**0.20**	**77.88**
-1-2-3-4-6-7-12-18	**118**	**0.19**	**78.07**
-1-2-3-6-7	**116**	**0.19**	**78.26**
-3-6	**113**	**0.18**	**78.44**
-1-2-4-6-7-12	**111**	**0.18**	**78.62**
-1-2-3-4-6-7-12-14-18	**106**	**0.17**	**78.79**
-2-3-4	**105**	**0.17**	**78.96**
-12-14-15-18	**101**	**0.16**	**79.12**
-2-3-4-6-7-12-14	**99**	**0.16**	**79.28**
-1-2-3-4-6-7-12-15-17-18	**97**	**0.16**	**79.44**
-8-17	**97**	**0.16**	**79.60**
-1-2-3-4-6-8-12-14-15-17	**92**	**0.15**	**79.74**
-1-3-4-6	**90**	**0.15**	**79.89**
-7-15-17	**90**	**0.15**	**80.03**
-1-2-3-4-6-8-12-14	**89**	**0.14**	**80.18**
-1-2-3-6-7-12	**89**	**0.14**	**80.32**

-14-17-18	**89**	**0.14**	**80.47**
-4-6-7-12-14-17	**89**	**0.14**	**80.61**
-4-6-12	**87**	**0.14**	**80.75**
-8-15-17	**84**	**0.14**	**80.88**
-3-4-6-7-12-14-15	**81**	**0.13**	**81.01**
-1-2-3-4-6-7-14-15-17-18	**80**	**0.13**	**81.14**
-2-3-4-6-7-12-14-17	**80**	**0.13**	**81.27**
-8-12-14-15-18	**80**	**0.13**	**81.40**
-1-2-3-4-6-14	**77**	**0.12**	**81.53**
-4-6-8	**74**	**0.12**	**81.64**
-1-2-3-4-6-7-12-15-18	**72**	**0.12**	**81.76**
-1-2-4-6-7-12-14-15	**72**	**0.12**	**81.88**
-4-6-7-12-15	**72**	**0.12**	**81.99**
-7-12-14-15-18	**72**	**0.12**	**82.11**
-4-6-7-14	**71**	**0.11**	**82.22**
-1-3-4	**70**	**0.11**	**82.34**
-7-14-17	**70**	**0.11**	**82.45**
-1-2-3-6-7-12-14-15-17	**69**	**0.11**	**82.56**
-1-2-3-4-6-15	**68**	**0.11**	**82.67**
-12-14-17-18	**66**	**0.11**	**82.78**
-4-7	**66**	**0.11**	**82.88**
-1-2-3-4-6-8-12-14-15	**65**	**0.10**	**82.99**
-2-3-6	**65**	**0.10**	**83.09**
-1-2-4-6-7-12-14	**64**	**0.10**	**83.20**
-14-18	**62**	**0.10**	**83.29**
-1-2-3-4-6-7-12-17-18	**61**	**0.10**	**83.39**
-1-2-3-4-7-12	**61**	**0.10**	**83.49**
-1-2-6-7	**61**	**0.10**	**83.59**
-8-14-17	**61**	**0.10**	**83.69**
-1-2-3-4-6-12-14	**59**	**0.10**	**83.78**
-1-2-3-4-6-17	**59**	**0.10**	**83.88**
-4-6-7-12-15-17	**59**	**0.10**	**83.97**
-12-15-17-18	**58**	**0.09**	**84.07**
-1-2-3-7	**57**	**0.09**	**84.16**
-1-2-7	**57**	**0.09**	**84.25**
-4-6-7-14-15-17	**57**	**0.09**	**84.34**
-3-4-6-7-12-14	**56**	**0.09**	**84.43**
-1-2-3-4-6-7-18	**55**	**0.09**	**84.52**
-4-6-7-14-15	**55**	**0.09**	**84.61**
-8-12-14-17-18	**55**	**0.09**	**84.70**
-4-6-15	**53**	**0.09**	**84.78**
-4-6-7-12-17	**53**	**0.09**	**84.87**
-7-12-18	**53**	**0.09**	**84.95**
-8-12-18	**52**	**0.08**	**85.04**
-1-2-4-6-8	**51**	**0.08**	**85.12**
-2-3-4-6-7-12-14-15-17-18	**51**	**0.08**	**85.20**
-1-2-3-4-7-12-14-15-17	**50**	**0.08**	**85.28**
-2-3-4-6-8	**50**	**0.08**	**85.36**
-12-17-18	**49**	**0.08**	**85.44**
-1-2-3-4-6-12-14-15-17	**48**	**0.08**	**85.52**
-1-2-3-4-8	**48**	**0.08**	**85.60**
-12-18	**48**	**0.08**	**85.68**
-4-6-7-15	**48**	**0.08**	**85.75**
-4-6-7-15-17	**48**	**0.08**	**85.83**
-1-2-3-4-6-8-12-14-17	**47**	**0.08**	**85.91**
-1-2-3-6-8	**47**	**0.08**	**85.98**
-1-3-6	**47**	**0.08**	**86.06**
-1-4-6-7	**47**	**0.08**	**86.13**
-2-3-4-6-7-12-15	**47**	**0.08**	**86.21**
-4-6-7-17	**47**	**0.08**	**86.28**
-2-4-6	**46**	**0.07**	**86.36**
-1-3-4-6-7	**45**	**0.07**	**86.43**
-12-14-18	**45**	**0.07**	**86.50**
-3-4-6-7-12-14-15-17-18	**45**	**0.07**	**86.58**
-1-2-3-4-6-8-14	**44**	**0.07**	**86.65**
-1-2-3-4-6-12-14-15	**43**	**0.07**	**86.72**
-1-2-3-4-6-14-15-17	**43**	**0.07**	**86.79**
-1-2-3-4-6-8-12-15	**43**	**0.07**	**86.85**
-1-2-3-6-12	**43**	**0.07**	**86.92**
-1-2-3-6-7-12-14-15	**43**	**0.07**	**86.99**
-2-3-4-6-7-12-15-17	**43**	**0.07**	**87.06**
-2-6	**43**	**0.07**	**87.13**

-1-2-12	**42**	**0.07**	**87.20**
-3-4-6-7-12-14-17	**42**	**0.07**	**87.27**
-8-12-15-17-18	**42**	**0.07**	**87.34**
-1-7	**41**	**0.07**	**87.40**
-1-2-3-4-12	**40**	**0.06**	**87.47**
-1-2-4-6-7-12-14-15-17-18	**40**	**0.06**	**87.53**
-1-2-4-6-7-12-14-17	**40**	**0.06**	**87.59**
-2-3-4-6-7-12-17	**39**	**0.06**	**87.66**
-3-4-6-12	**39**	**0.06**	**87.72**
-4-6-17	**38**	**0.06**	**87.78**
-1-2-3-4-6-15-17	**37**	**0.06**	**87.84**
-1-2-3-4-6-8-12-17	**37**	**0.06**	**87.90**
-4-6-8-12	**37**	**0.06**	**87.96**
-1-2-3-12	**36**	**0.06**	**88.02**
-1-2-3-4-6-7-14-15-18	**36**	**0.06**	**88.08**
-1-2-4-6-7-12-17	**36**	**0.06**	**88.13**
-1-2-4-6-7-14-15-17	**36**	**0.06**	**88.19**
-1-2-3-4-6-12-15	**35**	**0.06**	**88.25**
-1-2-3-4-6-14-15	**35**	**0.06**	**88.31**
-1-2-4-6-12	**35**	**0.06**	**88.36**
-1-2-4-6-7-12-15	**35**	**0.06**	**88.42**
-3-4-6-8	**35**	**0.06**	**88.47**
-7-12-14-17-18	**35**	**0.06**	**88.53**
-7-14-15-17-18	**35**	**0.06**	**88.59**
-8-12-17-18	**35**	**0.06**	**88.64**
-1-2-3-4-6-8-15	**34**	**0.05**	**88.70**
-2-3-4-6-12	**34**	**0.05**	**88.75**
-3-4-6-7-14	**34**	**0.05**	**88.81**
-8-14-15-17-18	**34**	**0.05**	**88.86**
-3-6-7	**33**	**0.05**	**88.92**
-7-18	**33**	**0.05**	**88.97**
-8-18	**33**	**0.05**	**89.02**
-1-2-3-4-7-12-14	**32**	**0.05**	**89.07**
-1-2-3-7-12	**32**	**0.05**	**89.13**
-1-2-4-7	**32**	**0.05**	**89.18**
-2-3-4-6-7-14-15-17	**32**	**0.05**	**89.23**
-2-3-4-6-8-12	**32**	**0.05**	**89.28**
-4-6-14	**31**	**0.05**	**89.33**
-7-12-15-17-18	**31**	**0.05**	**89.38**
-7-12-15-18	**31**	**0.05**	**89.43**
-1-2-3-4-7-14	**30**	**0.05**	**89.48**
-1-2-3-4-6-12-15-17	**29**	**0.05**	**89.53**
-1-2-3-4-6-8-12-15-17	**29**	**0.05**	**89.57**
-1-2-3-6-7-12-14	**29**	**0.05**	**89.62**
-1-2-4-6-7-12-15-17	**29**	**0.05**	**89.67**
-1-3-4-6-7-12	**29**	**0.05**	**89.71**
-12-15-18	**29**	**0.05**	**89.76**
-8-12-14-18	**29**	**0.05**	**89.81**
-1-2-3-4-6-12-14-17	**28**	**0.05**	**89.85**
-1-2-6-7-12-14-15-17	**28**	**0.05**	**89.90**
-2-4	**28**	**0.05**	**89.94**
-4-6-7-12-14-15-18	**28**	**0.05**	**89.99**
-1-2-3-4-6-7-17-18	**27**	**0.04**	**90.03**
-1-2-3-4-6-8-12-14-15-17-18	**27**	**0.04**	**90.07**
-1-2-3-4-6-8-12-18	**27**	**0.04**	**90.12**
-1-2-3-6-7-15	**27**	**0.04**	**90.16**
-1-2-4-6-8-12	**27**	**0.04**	**90.20**
-1-4-6-7-12	**27**	**0.04**	**90.25**
-2-3-4-6-7-14	**27**	**0.04**	**90.29**
-3-7	**27**	**0.04**	**90.33**
-1-2-3-4-6-12-17	**26**	**0.04**	**90.38**
-1-2-3-4-6-7-14-18	**26**	**0.04**	**90.42**
-1-2-3-4-7-14-15-17	**26**	**0.04**	**90.46**
-1-2-3-8	**26**	**0.04**	**90.50**
-3-4-6-7-14-15-17	**26**	**0.04**	**90.54**
-4-6-7-12-14-17-18	**26**	**0.04**	**90.59**
-4-6-7-14-17	**26**	**0.04**	**90.63**
-7-12-17-18	**25**	**0.04**	**90.67**
-1-2-3-4-14	**24**	**0.04**	**90.71**
-1-2-3-4-6-8-14-15-17	**24**	**0.04**	**90.75**
-1-2-3-4-7-12-14-15	**24**	**0.04**	**90.78**
-1-2-4-6-7-14-15	**24**	**0.04**	**90.82**

-1-2-6-7-12	**24**	**0.04**	**90.86**
-2-3-4-7	**24**	**0.04**	**90.90**
-7-12-14-18	**24**	**0.04**	**90.94**
-1-2-15	**23**	**0.04**	**90.98**
-1-2-3-6-8-12	**23**	**0.04**	**91.01**
-1-2-7-12-14-15-17	**23**	**0.04**	**91.05**
-2-3-4-6-7-14-15	**23**	**0.04**	**91.09**
-3-4-6-7-12-15-17	**23**	**0.04**	**91.12**
-3-4-6-7-15	**23**	**0.04**	**91.16**
-1-2-3-4-7-12-14-17	**22**	**0.04**	**91.20**
-1-2-3-4-8-12	**22**	**0.04**	**91.23**
-3-4-7	**22**	**0.04**	**91.27**
-7-17-18	**22**	**0.04**	**91.30**
-1-12	**21**	**0.03**	**91.34**
-1-2-3-4-6-7-15-17-18	**21**	**0.03**	**91.37**
-1-2-3-6-7-12-14-17	**21**	**0.03**	**91.40**
-1-3-4-6-7-12-14-15-17	**21**	**0.03**	**91.44**
-2-3-4-6-7-12-14-15-18	**21**	**0.03**	**91.47**
-2-3-4-6-7-17	**21**	**0.03**	**91.51**
-4-8	**21**	**0.03**	**91.54**
-1-2-3-14	**20**	**0.03**	**91.57**
-1-2-3-4-6-7-15-18	**20**	**0.03**	**91.60**
-1-2-8	**20**	**0.03**	**91.64**
-2-3-6-7	**20**	**0.03**	**91.67**
-2-4-6-7	**20**	**0.03**	**91.70**
-8-12-15-18	**20**	**0.03**	**91.73**
-8-17-18	**20**	**0.03**	**91.77**
-1-2-3-6-7-12-15	**19**	**0.03**	**91.80**
-2-3-4-6-7-15-17	**19**	**0.03**	**91.83**
-3-4-6-7-14-15	**19**	**0.03**	**91.86**
-4-12	**19**	**0.03**	**91.89**
-4-6-14-15	**19**	**0.03**	**91.92**
-4-6-7-14-15-17-18	**19**	**0.03**	**91.95**
-1-2-3-15	**18**	**0.03**	**91.98**
-1-2-3-4-6-18	**18**	**0.03**	**92.01**
-1-2-3-4-6-8-12-14-18	**18**	**0.03**	**92.04**
-1-2-3-4-6-8-17	**18**	**0.03**	**92.06**
-1-2-3-4-7-12-17	**18**	**0.03**	**92.09**
-1-2-4-6-17	**18**	**0.03**	**92.12**
-1-2-6-12	**18**	**0.03**	**92.15**
-1-3-4-6-8	**18**	**0.03**	**92.18**
-1-4-7	**18**	**0.03**	**92.21**
-3-4-6-7-12-17	**18**	**0.03**	**92.24**
-3-4-6-7-17	**18**	**0.03**	**92.27**
-7-15-18	**18**	**0.03**	**92.30**
-8-15-18	**18**	**0.03**	**92.33**
-1-2-3-4-6-7-14-17-18	**17**	**0.03**	**92.35**
-1-2-3-4-6-8-14-15	**17**	**0.03**	**92.38**
-1-2-3-4-7-14-15	**17**	**0.03**	**92.41**
-1-2-4-8	**17**	**0.03**	**92.44**
-1-6-12	**17**	**0.03**	**92.46**
-2-3-4-6-15	**17**	**0.03**	**92.49**
-2-3-4-6-8-12-14	**17**	**0.03**	**92.52**
-3-4-6-14	**17**	**0.03**	**92.55**
-3-4-6-7-12-15	**17**	**0.03**	**92.57**
-4-14	**17**	**0.03**	**92.60**
-4-6-12-14-15-17	**17**	**0.03**	**92.63**
-7-15-17-18	**17**	**0.03**	**92.65**
-1-2-3-6-15	**16**	**0.03**	**92.68**
-1-2-3-6-7-12-14-15-17-18	**16**	**0.03**	**92.71**
-1-2-4-12	**16**	**0.03**	**92.73**
-1-2-4-6-15	**16**	**0.03**	**92.76**
-1-2-7-12	**16**	**0.03**	**92.78**
-1-3-7	**16**	**0.03**	**92.81**
-1-6-7	**16**	**0.03**	**92.84**
-1-2-3-4-15	**15**	**0.02**	**92.86**
-1-2-3-4-7-15	**15**	**0.02**	**92.88**
-1-2-3-6-7-12-17	**15**	**0.02**	**92.91**
-1-2-3-6-7-14-15	**15**	**0.02**	**92.93**
-1-2-3-6-7-14-15-17	**15**	**0.02**	**92.96**
-1-2-4-6-7-15	**15**	**0.02**	**92.98**
-1-3-6-7	**15**	**0.02**	**93.00**

-2-3-4-6-7-15	**15**	**0.02**	**93.03**
-2-3-7	**15**	**0.02**	**93.05**
-4-6-12-14	**15**	**0.02**	**93.08**
-4-6-15-17	**15**	**0.02**	**93.10**
-1-15	**14**	**0.02**	**93.12**
-1-2-3-6-7-14	**14**	**0.02**	**93.15**
-1-2-4-6-7-12-14-15-18	**14**	**0.02**	**93.17**
-1-2-4-6-7-17	**14**	**0.02**	**93.19**
-1-2-6-7-12-14-15	**14**	**0.02**	**93.21**
-1-4-6-12	**14**	**0.02**	**93.24**
-2-4-6-7-12-14-15-17	**14**	**0.02**	**93.26**
-3-4-6-17	**14**	**0.02**	**93.28**
-4-15	**14**	**0.02**	**93.30**
-4-6-12-15-17	**14**	**0.02**	**93.33**
-4-6-14-15-17	**14**	**0.02**	**93.35**
-7-14-15-18	**14**	**0.02**	**93.37**
-1-2-14-15	**13**	**0.02**	**93.39**
-1-2-3-4-6-12-18	**13**	**0.02**	**93.41**
-1-2-3-4-6-8-12-15-18	**13**	**0.02**	**93.43**
-1-2-3-4-6-8-12-17-18	**13**	**0.02**	**93.46**
-1-2-3-4-7-12-15-17	**13**	**0.02**	**93.48**
-1-2-4-6-7-14	**13**	**0.02**	**93.50**
-1-8	**13**	**0.02**	**93.52**
-2-3-4-6-14	**13**	**0.02**	**93.54**
-2-3-4-6-7-12-14-18	**13**	**0.02**	**93.56**
-3-15	**13**	**0.02**	**93.58**
-3-4-6-15	**13**	**0.02**	**93.60**
-3-4-6-7-12-14-15-18	**13**	**0.02**	**93.62**
-3-4-6-8-12	**13**	**0.02**	**93.64**
-4-6-7-12-14-18	**13**	**0.02**	**93.67**
-4-6-7-12-17-18	**13**	**0.02**	**93.69**
-4-6-8-12-14	**13**	**0.02**	**93.71**
-8-14-15-18	**13**	**0.02**	**93.73**
-1-2-14	**12**	**0.02**	**93.75**
-1-2-17	**12**	**0.02**	**93.77**
-1-2-3-4-12-14	**12**	**0.02**	**93.79**
-1-2-3-4-6-15-18	**12**	**0.02**	**93.81**
-1-2-3-4-6-8-12-14-15-18	**12**	**0.02**	**93.82**
-1-2-3-4-6-8-15-17	**12**	**0.02**	**93.84**
-1-2-3-6-14	**12**	**0.02**	**93.86**
-1-2-3-7-12-14	**12**	**0.02**	**93.88**
-1-2-3-7-12-14-15-17	**12**	**0.02**	**93.90**
-1-3-12	**12**	**0.02**	**93.92**
-1-3-4-6-12	**12**	**0.02**	**93.94**
-1-3-4-7	**12**	**0.02**	**93.96**
-2-3-4-6-8-12-17	**12**	**0.02**	**93.98**
-2-4-6-7-12	**12**	**0.02**	**94.00**
-3-6-12	**12**	**0.02**	**94.02**
-3-6-7-12	**12**	**0.02**	**94.04**
-4-6-8-12-14-15-17	**12**	**0.02**	**94.06**
-8-15-17-18	**12**	**0.02**	**94.08**
-1-14	**11**	**0.02**	**94.09**
-1-2-3-4-14-15-17	**11**	**0.02**	**94.11**
-1-2-3-6-7-12-15-17	**11**	**0.02**	**94.13**
-1-2-4-6-12-14	**11**	**0.02**	**94.15**
-1-2-4-6-14	**11**	**0.02**	**94.16**
-1-2-4-6-7-12-14-17-18	**11**	**0.02**	**94.18**
-1-2-4-7-12	**11**	**0.02**	**94.20**
-1-3-4-6-7-12-14-15	**11**	**0.02**	**94.22**
-1-3-4-6-7-14-15	**11**	**0.02**	**94.24**
-1-4-6-8	**11**	**0.02**	**94.25**
-1-6-8	**11**	**0.02**	**94.27**
-3-4-6-7-12-14-17-18	**11**	**0.02**	**94.29**
-3-4-6-7-15-17	**11**	**0.02**	**94.31**
-3-4-6-8-12-14-15-17	**11**	**0.02**	**94.32**
-3-7-12	**11**	**0.02**	**94.34**
-4-6-12-14-15	**11**	**0.02**	**94.36**
-4-6-7-12-15-17-18	**11**	**0.02**	**94.38**
-8-14-17-18	**11**	**0.02**	**94.40**
-1-2-3-12-14	**10**	**0.02**	**94.41**
-1-2-3-17	**10**	**0.02**	**94.43**
-1-2-3-4-17	**10**	**0.02**	**94.44**

-1-2-3-4-6-14-17	10	0.02	94.46
-1-2-3-4-6-17-18	10	0.02	94.48
-1-2-3-4-6-8-14-17	10	0.02	94.49
-1-2-3-4-6-8-18	10	0.02	94.51
-1-2-3-4-7-12-14-15-17-18	10	0.02	94.52
-1-2-3-4-7-12-15	10	0.02	94.54
-1-2-3-4-7-15-17	10	0.02	94.56
-1-2-3-4-7-17	10	0.02	94.57
-1-2-3-6-12-14	10	0.02	94.59
-1-2-3-6-17	10	0.02	94.60
-1-2-3-7-12-14-15	10	0.02	94.62
-1-2-3-8-12	10	0.02	94.64
-1-2-4-6-8-12-14	10	0.02	94.65
-1-2-4-6-8-12-14-15-17	10	0.02	94.67
-1-2-6-8	10	0.02	94.69
-1-2-7-12-14	10	0.02	94.70
-1-2-7-12-14-15-17-18	10	0.02	94.72
-1-2-7-12-14-17	10	0.02	94.73
-1-2-7-14	10	0.02	94.75
-1-3-4-6-7-12-14	10	0.02	94.77
-1-3-4-6-7-17	10	0.02	94.78
-2-3-4-6-7-12-14-17-18	10	0.02	94.80
-2-3-4-6-7-12-18	10	0.02	94.81
-2-3-6-7-12	10	0.02	94.83
-3-4-6-7-12-15-17-18	10	0.02	94.85
-3-4-7-12	10	0.02	94.86
-4-6-12-15	10	0.02	94.88
-4-6-8-15	10	0.02	94.89
-4-7-12	10	0.02	94.91
-1-17	9	0.01	94.93
-1-2-15-17	9	0.01	94.94
-1-2-3-14-15	9	0.01	94.95
-1-2-3-4-6-14-15-17-18	9	0.01	94.97
-1-2-3-6-7-14-17	9	0.01	94.98
-1-2-4-14	9	0.01	95.00
-1-2-4-6-7-12-18	9	0.01	95.01
-1-2-7-12-14-15	9	0.01	95.03
-1-2-7-12-15	9	0.01	95.04
-1-3-4-6-7-14	9	0.01	95.06
-1-3-4-6-7-14-15-17	9	0.01	95.07
-1-7-12	9	0.01	95.08
-2-3-12	9	0.01	95.10
-2-3-6-8	9	0.01	95.11
-3-4-6-12-14	9	0.01	95.13
-3-4-6-12-17	9	0.01	95.14
-3-4-6-7-12-18	9	0.01	95.16
-4-7-14	9	0.01	95.17
-1-2-12-14	8	0.01	95.18
-1-2-3-4-12-14-15	8	0.01	95.20
-1-2-3-4-14-15	8	0.01	95.21
-1-2-3-4-15-17	8	0.01	95.22
-1-2-3-4-7-12-14-15-18	8	0.01	95.24
-1-2-3-4-8-12-14-15-17	8	0.01	95.25
-1-2-3-4-8-14	8	0.01	95.26
-1-2-3-4-8-15	8	0.01	95.28
-1-2-3-6-12-14-15	8	0.01	95.29
-1-2-3-6-14-15	8	0.01	95.30
-1-2-3-6-8-12-14	8	0.01	95.31
-1-2-3-7-15	8	0.01	95.33
-1-2-4-6-7-14-17	8	0.01	95.34
-1-2-4-6-8-12-15	8	0.01	95.35
-1-2-4-6-8-15-17	8	0.01	95.37
-1-2-6-15	8	0.01	95.38
-1-3-4-6-17	8	0.01	95.39
-1-3-4-6-7-12-15-17	8	0.01	95.40
-1-3-4-6-7-15	8	0.01	95.42
-1-4-12	8	0.01	95.43
-2-3-4-6-7-12-15-18	8	0.01	95.44
-2-3-4-6-7-12-17-18	8	0.01	95.46
-2-3-4-6-8-14	8	0.01	95.47
-2-4-7	8	0.01	95.48
-2-7	8	0.01	95.49

-3-14	**8**	**0.01**	**95.51**
-4-14-15	**8**	**0.01**	**95.52**
-4-6-12-17	**8**	**0.01**	**95.53**
-4-6-18	**8**	**0.01**	**95.55**
-4-6-7-12-18	**8**	**0.01**	**95.56**
-4-6-8-12-14-15	**8**	**0.01**	**95.57**
-4-6-8-12-17	**8**	**0.01**	**95.58**
-4-7-15	**8**	**0.01**	**95.60**
-7-14-17-18	**8**	**0.01**	**95.61**
-7-14-18	**8**	**0.01**	**95.62**
-8-14-18	**8**	**0.01**	**95.64**
-1-15-17	**7**	**0.01**	**95.65**
-1-18	**7**	**0.01**	**95.66**
-1-2-12-14-15-17	**7**	**0.01**	**95.67**
-1-2-3-12-14-15-17	**7**	**0.01**	**95.68**
-1-2-3-4-12-14-15-17	**7**	**0.01**	**95.69**
-1-2-3-4-12-17	**7**	**0.01**	**95.70**
-1-2-3-4-14-17	**7**	**0.01**	**95.71**
-1-2-3-4-6-15-17-18	**7**	**0.01**	**95.73**
-1-2-3-4-6-8-12-14-17-18	**7**	**0.01**	**95.74**
-1-2-3-4-7-12-18	**7**	**0.01**	**95.75**
-1-2-3-4-8-12-15	**7**	**0.01**	**95.76**
-1-2-3-6-12-15	**7**	**0.01**	**95.77**
-1-2-3-6-7-12-15-17-18	**7**	**0.01**	**95.78**
-1-2-3-6-7-17	**7**	**0.01**	**95.79**
-1-2-3-7-14	**7**	**0.01**	**95.81**
-1-2-4-15	**7**	**0.01**	**95.82**
-1-2-4-6-12-15	**7**	**0.01**	**95.83**
-1-2-4-6-7-12-15-17-18	**7**	**0.01**	**95.84**
-1-2-4-6-7-12-17-18	**7**	**0.01**	**95.85**
-1-2-4-6-8-12-14-17	**7**	**0.01**	**95.86**
-1-2-4-7-12-14-15-17	**7**	**0.01**	**95.87**
-1-2-6-14	**7**	**0.01**	**95.88**
-1-2-6-7-12-14	**7**	**0.01**	**95.90**
-1-2-6-7-12-14-15-17-18	**7**	**0.01**	**95.91**
-1-2-7-12-17	**7**	**0.01**	**95.92**
-1-2-7-14-15-17	**7**	**0.01**	**95.93**
-1-3-4-6-15	**7**	**0.01**	**95.94**
-1-3-4-6-8-12	**7**	**0.01**	**95.95**
-1-4-14	**7**	**0.01**	**95.96**
-1-6-7-12	**7**	**0.01**	**95.97**
-2-3-4-12	**7**	**0.01**	**95.99**
-2-3-4-6-12-14	**7**	**0.01**	**96.00**
-2-3-4-6-12-15	**7**	**0.01**	**96.01**
-2-3-4-6-7-14-15-17-18	**7**	**0.01**	**96.02**
-2-3-4-7-12	**7**	**0.01**	**96.03**
-2-4-6-8	**7**	**0.01**	**96.04**
-3-12	**7**	**0.01**	**96.05**
-3-4-12	**7**	**0.01**	**96.06**
-3-4-15	**7**	**0.01**	**96.08**
-3-4-6-12-15	**7**	**0.01**	**96.09**
-3-4-6-7-14-17	**7**	**0.01**	**96.10**
-3-6-7-12-14-15-17	**7**	**0.01**	**96.11**
-3-8	**7**	**0.01**	**96.12**
-4-6-7-14-15-18	**7**	**0.01**	**96.13**
-4-6-7-14-17-18	**7**	**0.01**	**96.14**
-4-6-7-14-18	**7**	**0.01**	**96.15**
-4-6-8-12-14-17	**7**	**0.01**	**96.17**
-4-7-12-14	**7**	**0.01**	**96.18**
-4-7-12-14-15-17	**7**	**0.01**	**96.19**
-4-7-14-15	**7**	**0.01**	**96.20**
-6-7	**7**	**0.01**	**96.21**
-1-2-14-15-17	**6**	**0.01**	**96.22**
-1-2-3-12-14-15	**6**	**0.01**	**96.23**
-1-2-3-4-12-15	**6**	**0.01**	**96.24**
-1-2-3-4-6-8-12-15-17-18	**6**	**0.01**	**96.25**
-1-2-3-4-6-8-14-15-17-18	**6**	**0.01**	**96.26**
-1-2-3-4-7-14-15-17-18	**6**	**0.01**	**96.27**
-1-2-3-6-12-17	**6**	**0.01**	**96.28**
-1-2-3-6-7-12-14-15-18	**6**	**0.01**	**96.29**
-1-2-3-6-7-12-14-17-18	**6**	**0.01**	**96.30**
-1-2-3-6-7-15-17	**6**	**0.01**	**96.31**

-1-2-3-6-8-12-14-15-17	**6**	**0.01**	**96.32**
-1-2-3-6-8-14-15	**6**	**0.01**	**96.33**
-1-2-3-6-8-15	**6**	**0.01**	**96.34**
-1-2-3-7-14-15	**6**	**0.01**	**96.35**
-1-2-3-7-14-15-17	**6**	**0.01**	**96.36**
-1-2-4-6-14-15	**6**	**0.01**	**96.37**
-1-2-4-6-15-17	**6**	**0.01**	**96.38**
-1-2-4-6-7-15-17	**6**	**0.01**	**96.39**
-1-2-6-7-14	**6**	**0.01**	**96.40**
-1-2-6-7-15	**6**	**0.01**	**96.40**
-1-2-6-8-12	**6**	**0.01**	**96.41**
-1-2-7-15	**6**	**0.01**	**96.42**
-1-4-6-7-14	**6**	**0.01**	**96.43**
-1-7-12-14-15-17	**6**	**0.01**	**96.44**
-2-12	**6**	**0.01**	**96.45**
-2-3-4-6-17	**6**	**0.01**	**96.46**
-2-3-4-6-7-12-15-17-18	**6**	**0.01**	**96.47**
-2-3-4-6-7-14-17	**6**	**0.01**	**96.48**
-2-3-4-6-8-15	**6**	**0.01**	**96.49**
-2-3-6-12	**6**	**0.01**	**96.50**
-2-3-6-7-12-14-15-17	**6**	**0.01**	**96.51**
-2-4-6-7-12-14	**6**	**0.01**	**96.52**
-2-4-6-8-12	**6**	**0.01**	**96.53**
-2-8	**6**	**0.01**	**96.54**
-3-4-6-14-15	**6**	**0.01**	**96.55**
-3-4-6-7-14-15-17-18	**6**	**0.01**	**96.56**
-3-4-6-7-14-15-18	**6**	**0.01**	**96.57**
-3-4-6-7-18	**6**	**0.01**	**96.58**
-3-4-8	**6**	**0.01**	**96.59**
-4-12-14	**6**	**0.01**	**96.60**
-4-6-14-17	**6**	**0.01**	**96.61**
-4-6-8-12-15	**6**	**0.01**	**96.62**
-4-6-8-12-17-18	**6**	**0.01**	**96.63**
-4-6-8-14	**6**	**0.01**	**96.64**
-4-7-12-15	**6**	**0.01**	**96.65**
-4-7-14-15-17	**6**	**0.01**	**96.66**
-1-14-15	**5**	**0.01**	**96.66**
-1-2-12-14-15	**5**	**0.01**	**96.67**
-1-2-12-14-17	**5**	**0.01**	**96.68**
-1-2-12-15	**5**	**0.01**	**96.69**
-1-2-3-4-12-15-17	**5**	**0.01**	**96.70**
-1-2-3-4-6-12-14-15-17-18	**5**	**0.01**	**96.70**
-1-2-3-4-6-12-14-15-18	**5**	**0.01**	**96.71**
-1-2-3-4-6-12-17-18	**5**	**0.01**	**96.72**
-1-2-3-4-6-8-17-18	**5**	**0.01**	**96.73**
-1-2-3-4-8-12-14	**5**	**0.01**	**96.74**
-1-2-3-4-8-12-14-15	**5**	**0.01**	**96.74**
-1-2-3-6-15-17	**5**	**0.01**	**96.75**
-1-2-3-6-18	**5**	**0.01**	**96.76**
-1-2-4-14-15-17	**5**	**0.01**	**96.77**
-1-2-4-17	**5**	**0.01**	**96.78**
-1-2-4-6-12-14-15	**5**	**0.01**	**96.79**
-1-2-4-6-14-15-17	**5**	**0.01**	**96.79**
-1-2-4-6-7-14-15-17-18	**5**	**0.01**	**96.80**
-1-2-4-6-8-12-14-15	**5**	**0.01**	**96.81**
-1-2-4-6-8-12-15-17	**5**	**0.01**	**96.82**
-1-2-4-6-8-12-17	**5**	**0.01**	**96.83**
-1-2-4-6-8-14	**5**	**0.01**	**96.83**
-1-2-4-6-8-15	**5**	**0.01**	**96.84**
-1-2-4-6-8-17	**5**	**0.01**	**96.85**
-1-2-4-7-12-14-17	**5**	**0.01**	**96.86**
-1-2-4-7-14-15	**5**	**0.01**	**96.87**
-1-2-6-12-14	**5**	**0.01**	**96.87**
-1-2-6-15-17	**5**	**0.01**	**96.88**
-1-2-6-7-12-15	**5**	**0.01**	**96.89**
-1-2-6-7-17	**5**	**0.01**	**96.90**
-1-2-7-12-15-17	**5**	**0.01**	**96.91**
-1-3-4-12	**5**	**0.01**	**96.91**
-1-3-4-6-14	**5**	**0.01**	**96.92**
-1-3-4-6-7-12-14-15-17-18	**5**	**0.01**	**96.93**
-1-3-4-6-7-12-14-17	**5**	**0.01**	**96.94**
-1-3-4-6-7-15-17	**5**	**0.01**	**96.95**

-1-3-6-12-14-15	5	0.01	96.95
-1-3-6-7-12	5	0.01	96.96
-1-3-8	5	0.01	96.97
-1-4-6-12-14	5	0.01	96.98
-1-4-6-14	5	0.01	96.99
-1-4-6-17	5	0.01	96.99
-1-4-6-7-12-14	5	0.01	97.00
-1-4-6-7-12-14-15-17	5	0.01	97.01
-1-4-6-7-12-17	5	0.01	97.02
-1-6-15	5	0.01	97.03
-1-6-7-12-14-15	5	0.01	97.03
-1-6-7-12-15	5	0.01	97.04
-1-7-14	5	0.01	97.05
-2-3-15	5	0.01	97.06
-2-3-4-17	5	0.01	97.07
-2-3-4-6-12-14-15	5	0.01	97.08
-2-3-4-6-12-14-15-17	5	0.01	97.08
-2-3-4-6-7-14-17-18	5	0.01	97.09
-2-3-4-6-8-12-14-15	5	0.01	97.10
-2-3-4-8	5	0.01	97.11
-2-3-6-8-12	5	0.01	97.12
-2-4-6-12	5	0.01	97.12
-2-4-6-7-12-17	5	0.01	97.13
-3-4-7-14	5	0.01	97.14
-3-4-7-14-15-17	5	0.01	97.15
-3-6-12-17	5	0.01	97.16
-3-6-8	5	0.01	97.16
-3-7-12-14	5	0.01	97.17
-3-7-12-14-15-17	5	0.01	97.18
-4-17	5	0.01	97.19
-4-6-12-14-15-17-18	5	0.01	97.20
-4-6-17-18	5	0.01	97.20
-4-6-7-15-17-18	5	0.01	97.21
-4-6-7-15-18	5	0.01	97.22
-1-14-15-17	4	0.01	97.23
-1-2-12-15-17	4	0.01	97.23
-1-2-18	4	0.01	97.24
-1-2-3-12-14-17	4	0.01	97.25
-1-2-3-12-15-17	4	0.01	97.25
-1-2-3-14-17	4	0.01	97.26
-1-2-3-15-17	4	0.01	97.27
-1-2-3-4-17-18	4	0.01	97.27
-1-2-3-4-6-12-15-18	4	0.01	97.28
-1-2-3-4-7-14-17	4	0.01	97.28
-1-2-3-4-8-12-17	4	0.01	97.29
-1-2-3-4-8-17	4	0.01	97.30
-1-2-3-6-12-18	4	0.01	97.30
-1-2-3-6-7-12-14-18	4	0.01	97.31
-1-2-3-7-12-14-15-17-18	4	0.01	97.32
-1-2-3-7-12-14-17	4	0.01	97.32
-1-2-3-7-12-18	4	0.01	97.33
-1-2-3-8-12-14	4	0.01	97.34
-1-2-4-12-14-15	4	0.01	97.34
-1-2-4-15-17	4	0.01	97.35
-1-2-4-6-12-14-15-17	4	0.01	97.36
-1-2-4-6-12-14-17	4	0.01	97.36
-1-2-4-6-15-17-18	4	0.01	97.37
-1-2-4-6-7-12-14-18	4	0.01	97.37
-1-2-4-6-7-14-17-18	4	0.01	97.38
-1-2-4-6-7-17-18	4	0.01	97.39
-1-2-4-6-7-18	4	0.01	97.39
-1-2-4-6-8-14-17	4	0.01	97.40
-1-2-4-7-12-14	4	0.01	97.41
-1-2-4-7-12-17	4	0.01	97.41
-1-2-4-7-17	4	0.01	97.42
-1-2-6-7-12-15-17	4	0.01	97.43
-1-2-6-7-12-17	4	0.01	97.43
-1-2-6-7-14-15-17	4	0.01	97.44
-1-2-6-7-15-17	4	0.01	97.45
-1-2-7-15-17	4	0.01	97.45
-1-2-8-12	4	0.01	97.46
-1-3-14	4	0.01	97.47

-1-3-15	**4**	**0.01**	**97.47**
-1-3-17	**4**	**0.01**	**97.48**
-1-3-4-6-14-15	**4**	**0.01**	**97.48**
-1-3-4-6-7-12-15	**4**	**0.01**	**97.49**
-1-3-4-6-7-12-17	**4**	**0.01**	**97.50**
-1-3-6-18	**4**	**0.01**	**97.50**
-1-3-6-8	**4**	**0.01**	**97.51**
-1-3-7-12-14-15-17	**4**	**0.01**	**97.52**
-1-3-8-12	**4**	**0.01**	**97.52**
-1-4-15	**4**	**0.01**	**97.53**
-1-4-6-15-17	**4**	**0.01**	**97.54**
-1-4-6-7-12-14-15	**4**	**0.01**	**97.54**
-1-4-6-7-14-15	**4**	**0.01**	**97.55**
-1-4-6-7-14-15-17	**4**	**0.01**	**97.56**
-1-4-6-7-15	**4**	**0.01**	**97.56**
-1-4-8	**4**	**0.01**	**97.57**
-1-6-8-12	**4**	**0.01**	**97.57**
-1-7-12-14	**4**	**0.01**	**97.58**
-1-7-12-14-15	**4**	**0.01**	**97.59**
-1-8-12	**4**	**0.01**	**97.59**
-2-3-4-12-14	**4**	**0.01**	**97.60**
-2-3-4-6-12-18	**4**	**0.01**	**97.61**
-2-3-4-6-14-15-17	**4**	**0.01**	**97.61**
-2-3-4-6-15-17	**4**	**0.01**	**97.62**
-2-3-4-6-8-12-14-15-17	**4**	**0.01**	**97.63**
-2-3-4-6-8-12-14-15-18	**4**	**0.01**	**97.63**
-2-3-4-6-8-12-18	**4**	**0.01**	**97.64**
-2-3-4-6-8-17	**4**	**0.01**	**97.65**
-2-3-4-7-12-15	**4**	**0.01**	**97.65**
-2-4-6-14	**4**	**0.01**	**97.66**
-2-4-6-7-12-14-17	**4**	**0.01**	**97.66**
-2-4-6-7-12-18	**4**	**0.01**	**97.67**
-3-14-15-17	**4**	**0.01**	**97.68**
-3-4-14	**4**	**0.01**	**97.68**
-3-4-6-12-14-15-17	**4**	**0.01**	**97.69**
-3-4-6-12-15-17	**4**	**0.01**	**97.70**
-3-4-6-15-17	**4**	**0.01**	**97.70**
-3-4-6-8-12-14	**4**	**0.01**	**97.71**
-3-4-6-8-12-14-15	**4**	**0.01**	**97.72**
-3-4-6-8-15	**4**	**0.01**	**97.72**
-3-4-6-8-15-17	**4**	**0.01**	**97.73**
-3-4-7-12-15-17	**4**	**0.01**	**97.74**
-3-6-7-14	**4**	**0.01**	**97.74**
-4-12-14-15	**4**	**0.01**	**97.75**
-4-15-17	**4**	**0.01**	**97.76**
-4-18	**4**	**0.01**	**97.76**
-4-6-12-14-17	**4**	**0.01**	**97.77**
-4-6-12-14-17-18	**4**	**0.01**	**97.77**
-4-6-15-17-18	**4**	**0.01**	**97.78**
-4-6-7-18	**4**	**0.01**	**97.79**
-4-6-8-12-14-15-17-18	**4**	**0.01**	**97.79**
-4-6-8-14-17	**4**	**0.01**	**97.80**
-4-6-8-15-17	**4**	**0.01**	**97.81**
-4-7-12-14-15	**4**	**0.01**	**97.81**
-4-7-12-14-15-17-18	**4**	**0.01**	**97.82**
-4-7-14-17	**4**	**0.01**	**97.83**
-4-7-15-17	**4**	**0.01**	**97.83**
-1-12-15	**3**	**0.00**	**97.84**
-1-2-12-14-15-17-18	**3**	**0.00**	**97.84**
-1-2-12-17	**3**	**0.00**	**97.85**
-1-2-3-12-15	**3**	**0.00**	**97.85**
-1-2-3-14-15-17	**3**	**0.00**	**97.86**
-1-2-3-4-18	**3**	**0.00**	**97.86**
-1-2-3-4-6-12-14-17-18	**3**	**0.00**	**97.87**
-1-2-3-4-6-14-17-18	**3**	**0.00**	**97.87**
-1-2-3-4-7-12-14-18	**3**	**0.00**	**97.88**
-1-2-3-4-7-12-15-18	**3**	**0.00**	**97.88**
-1-2-3-4-7-12-17-18	**3**	**0.00**	**97.89**
-1-2-3-4-7-18	**3**	**0.00**	**97.89**
-1-2-3-4-8-12-14-17	**3**	**0.00**	**97.90**
-1-2-3-4-8-12-15-17	**3**	**0.00**	**97.90**
-1-2-3-4-8-15-17	**3**	**0.00**	**97.91**

-1-2-3-4-8-17-18	3	0.00	97.91
-1-2-3-6-7-12-17-18	3	0.00	97.91
-1-2-3-6-7-14-15-17-18	3	0.00	97.92
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-2-3-6-15-17	1	0.00	99.72
-2-3-6-15-18	1	0.00	99.72
-2-3-6-17	1	0.00	99.73
-2-3-6-7-12-15	1	0.00	99.73
-2-3-6-7-12-15-17	1	0.00	99.73
-2-3-6-7-14-15-17	1	0.00	99.73
-2-3-6-7-14-15-18	1	0.00	99.73
-2-3-6-7-15	1	0.00	99.73
-2-3-6-7-15-18	1	0.00	99.74
-2-3-6-8-12-14	1	0.00	99.74
-2-3-6-8-12-14-15	1	0.00	99.74
-2-3-6-8-12-14-15-17-18	1	0.00	99.74
-2-3-6-8-12-14-17	1	0.00	99.74
-2-3-6-8-12-15-17	1	0.00	99.74
-2-3-6-8-12-17	1	0.00	99.75
-2-3-6-8-14	1	0.00	99.75
-2-3-6-8-14-17-18	1	0.00	99.75
-2-3-6-8-15-18	1	0.00	99.75
-2-3-6-8-18	1	0.00	99.75
-2-3-7-12-14-15-18	1	0.00	99.75
-2-3-7-12-14-17-18	1	0.00	99.76
-2-3-7-12-15-17	1	0.00	99.76
-2-3-7-14-15	1	0.00	99.76
-2-3-7-18	1	0.00	99.76
-2-3-8	1	0.00	99.76
-2-3-8-12-17	1	0.00	99.76
-2-3-8-12-17-18	1	0.00	99.76
-2-4-14	1	0.00	99.77
-2-4-15-17	1	0.00	99.77
-2-4-6-12-14	1	0.00	99.77
-2-4-6-12-14-15-18	1	0.00	99.77
-2-4-6-12-15	1	0.00	99.77

-2-4-6-14-15-18	1	0.00	99.77
-2-4-6-7-12-14-17-18	1	0.00	99.78
-2-4-6-7-12-15	1	0.00	99.78
-2-4-6-7-12-17-18	1	0.00	99.78
-2-4-6-7-14-15	1	0.00	99.78
-2-4-6-7-14-15-17	1	0.00	99.78
-2-4-6-7-15	1	0.00	99.78
-2-4-6-7-17	1	0.00	99.79
-2-4-6-8-12-14-17-18	1	0.00	99.79
-2-4-6-8-12-15-18	1	0.00	99.79
-2-4-6-8-12-18	1	0.00	99.79
-2-4-6-8-15-17	1	0.00	99.79
-2-4-7-12-14	1	0.00	99.79
-2-4-7-12-14-17	1	0.00	99.80
-2-4-7-12-17	1	0.00	99.80
-2-4-7-15-17	1	0.00	99.80
-2-4-8-12	1	0.00	99.80
-2-4-8-12-14	1	0.00	99.80
-2-4-8-12-14-15-17	1	0.00	99.80
-2-4-8-12-15-17	1	0.00	99.81
-2-4-8-12-17	1	0.00	99.81
-2-4-8-14	1	0.00	99.81
-2-6-12-15	1	0.00	99.81
-2-6-12-17	1	0.00	99.81
-2-6-14	1	0.00	99.81
-2-6-15-17	1	0.00	99.81
-2-6-7-12-14	1	0.00	99.82
-2-6-7-12-14-15-17	1	0.00	99.82
-2-6-7-12-14-15-17-18	1	0.00	99.82
-2-6-7-14	1	0.00	99.82
-2-6-7-14-17-18	1	0.00	99.82
-2-6-8-12-14-15-17	1	0.00	99.82
-2-6-8-12-17	1	0.00	99.83
-2-7-12	1	0.00	99.83
-2-7-12-14	1	0.00	99.83
-2-7-12-14-15-17	1	0.00	99.83
-2-7-12-17	1	0.00	99.83
-2-7-14-15-18	1	0.00	99.83
-2-7-15	1	0.00	99.84
-2-8-12	1	0.00	99.84
-2-8-12-18	1	0.00	99.84
-3-12-14-15	1	0.00	99.84
-3-12-14-15-17	1	0.00	99.84
-3-12-14-17	1	0.00	99.84
-3-12-15-17-18	1	0.00	99.85
-3-14-15-17-18	1	0.00	99.85
-3-14-18	1	0.00	99.85
-3-15-17	1	0.00	99.85
-3-15-18	1	0.00	99.85
-3-18	1	0.00	99.85
-3-4-12-14-17-18	1	0.00	99.85
-3-4-12-15	1	0.00	99.86
-3-4-12-17	1	0.00	99.86
-3-4-12-18	1	0.00	99.86
-3-4-14-17	1	0.00	99.86
-3-4-15-17-18	1	0.00	99.86
-3-4-17-18	1	0.00	99.86
-3-4-18	1	0.00	99.87
-3-4-6-12-14-18	1	0.00	99.87
-3-4-6-12-17-18	1	0.00	99.87
-3-4-6-14-17-18	1	0.00	99.87
-3-4-6-15-17-18	1	0.00	99.87
-3-4-6-7-15-17-18	1	0.00	99.87
-3-4-6-7-8-12	1	0.00	99.88
-3-4-6-8-12-15-17-18	1	0.00	99.88
-3-4-6-8-12-17-18	1	0.00	99.88
-3-4-6-8-14	1	0.00	99.88
-3-4-6-8-14-15-17	1	0.00	99.88
-3-4-6-8-14-17-18	1	0.00	99.88
-3-4-7-12-14	1	0.00	99.89
-3-4-7-12-14-15	1	0.00	99.89
-3-4-7-12-14-17	1	0.00	99.89

-3-4-7-12-14-18	1	0.00	99.89
-3-4-7-12-15-17-18	1	0.00	99.89
-3-4-7-12-18	1	0.00	99.89
-3-4-7-14-18	1	0.00	99.90
-3-4-7-18	1	0.00	99.90
-3-4-8-12-14	1	0.00	99.90
-3-4-8-14-15	1	0.00	99.90
-3-4-8-14-15-17	1	0.00	99.90
-3-4-8-14-17	1	0.00	99.90
-3-4-8-15-17	1	0.00	99.90
-3-4-8-17	1	0.00	99.91
-3-6-12-15	1	0.00	99.91
-3-6-14	1	0.00	99.91
-3-6-14-17	1	0.00	99.91
-3-6-17	1	0.00	99.91
-3-6-18	1	0.00	99.91
-3-6-7-12-14-15-17-18	1	0.00	99.92
-3-6-7-12-14-15-18	1	0.00	99.92
-3-6-7-12-14-18	1	0.00	99.92
-3-6-7-12-15	1	0.00	99.92
-3-6-7-12-17	1	0.00	99.92
-3-6-7-12-18	1	0.00	99.92
-3-6-7-14-15-17	1	0.00	99.93
-3-6-7-15-17-18	1	0.00	99.93
-3-6-8-12-14-17	1	0.00	99.93
-3-6-8-12-18	1	0.00	99.93
-3-6-8-14	1	0.00	99.93
-3-7-12-14-15	1	0.00	99.93
-3-7-12-14-17	1	0.00	99.94
-3-7-12-14-17-18	1	0.00	99.94
-3-7-12-17-18	1	0.00	99.94
-3-7-15-17	1	0.00	99.94
-3-7-15-18	1	0.00	99.94
-3-8-12	1	0.00	99.94
-3-8-12-15	1	0.00	99.95
-3-8-12-15-17-18	1	0.00	99.95
-3-8-14	1	0.00	99.95
-4-12-14-15-17-18	1	0.00	99.95
-4-12-14-15-18	1	0.00	99.95
-4-12-14-17	1	0.00	99.95
-4-12-15-17-18	1	0.00	99.95
-4-12-17	1	0.00	99.96
-4-12-18	1	0.00	99.96
-4-14-18	1	0.00	99.96
-4-15-17-18	1	0.00	99.96
-4-6-12-14-18	1	0.00	99.96
-4-6-12-18	1	0.00	99.96
-4-6-14-15-17-18	1	0.00	99.97
-4-6-14-17-18	1	0.00	99.97
-4-6-7-17-18	1	0.00	99.97
-4-6-8-12-15-17-18	1	0.00	99.97
-4-6-8-12-18	1	0.00	99.97
-4-6-8-14-15-18	1	0.00	99.97
-4-7-12-15-17	1	0.00	99.98
-4-7-12-15-17-18	1	0.00	99.98
-4-8-12-14	1	0.00	99.98
-4-8-12-14-15-17	1	0.00	99.98
-4-8-12-14-15-17-18	1	0.00	99.98
-4-8-12-17	1	0.00	99.98
-4-8-15	1	0.00	99.99
-4-8-17	1	0.00	99.99
-4-8-18	1	0.00	99.99
-6-12	1	0.00	99.99
-6-12-14	1	0.00	99.99
-6-14-18	1	0.00	99.99
-6-7-12	1	0.00	100.00
-6-7-14	1	0.00	100.00
-6-7-14-15	1	0.00	100.00
-6-7-14-15-17	1	0.00	100.00
Total	**62,053**	**100.00**	

```
57.
58.
59.
60.
61. /* label define voteNormsGridlbl -2 "Not in Wave" -1 "Missing due to routing/skippin
  > g" 0 "Don't Know" 1 " Strongly disagree" 2 "Disagree" 3 "Neither agree nor disagree"
  >  4 "Agree" 5 "Strongly agree" */
62.
63. label define voteNormsGridlbl -2 "Not'Wave" -1 "Missing" 0 "D'Know" 1 " S'Disagree"
  > 2 "Disagree" 3 "Neither" 4 "Agree" 5 "S'Agree"

64.
65.
66.
67.
68. //create recoded variable for socialPressureVoteW*
69.
70. forvalues v = 1/19 {
    2. capture confirm variable socialPressureVoteW`v'
    3.
71. if !_rc {
    4.                  gen rec_socialPressureVoteW`v' = socialPressureVoteW`v'
    5.
72.                 //don't knows
73.                 replace rec_socialPressureVoteW`v' = 0 if socialPressureVoteW`v' ==
  > 9999
    6.
74.                 //people who were in wave but did not answer civic duty question
75.
76.                 replace rec_socialPressureVoteW`v' = -1 if socialPressureVoteW`v' ==
  >  . & wave`v' == 1
    7.
77.                 //people who were not in wave
78.
79.                 replace rec_socialPressureVoteW`v' = -2 if wave`v' == 0
    8.
80.                 label value rec_socialPressureVoteW`v' voteNormsGridlbl
    9.                  label variable rec_socialPressureVoteW`v' "Recoded Social Pressur
  > e to include respondents in wave but not asked social pressure question"
   10.
81.
82.                 }
   11.     else {
   12.         display "`socialPressureVoteW`v' does not exist"
   13.                 }
   14. }
  (65,992 missing values generated)
  (2,693 real changes made)
  (51 real changes made)
  (65,960 real changes made)
  note: label truncated to 80 characters
  (66,269 missing values generated)
  (3,106 real changes made)
  (2 real changes made)
  (66,271 real changes made)
  note: label truncated to 80 characters
  (68,703 missing values generated)
  (1,923 real changes made)
  (9 real changes made)
  (68,703 real changes made)
  note: label truncated to 80 characters
  (64,978 missing values generated)
  (2,202 real changes made)
  (0 real changes made)
  (64,983 real changes made)
  note: label truncated to 80 characters
  `socialPressureVoteW5 does not exist
  (66,271 missing values generated)
  (1,882 real changes made)
  (0 real changes made)
  (66,271 real changes made)
  note: label truncated to 80 characters
```

```
(65,634 missing values generated)
(2,504 real changes made)
(0 real changes made)
(65,634 real changes made)
note: label truncated to 80 characters
(87,563 missing values generated)
(683 real changes made)
(24,536 real changes made)
(63,027 real changes made)
note: label truncated to 80 characters
`socialPressureVoteW9 does not exist
`socialPressureVoteW10 does not exist
`socialPressureVoteW11 does not exist
(62,135 missing values generated)
(2,906 real changes made)
(0 real changes made)
(62,135 real changes made)
note: label truncated to 80 characters
`socialPressureVoteW13 does not exist
`socialPressureVoteW14 does not exist
`socialPressureVoteW15 does not exist
`socialPressureVoteW16 does not exist
`socialPressureVoteW17 does not exist
(87,000 missing values generated)
(849 real changes made)
(28,296 real changes made)
(58,704 real changes made)
note: label truncated to 80 characters
`socialPressureVoteW19 does not exist

83.
84.
85.
86.
87.
88.  /*create variable with start and end dates for interview as number of days since Ja
  > n. 1, 1960.  This is used to account for the difference in time between interviews a
  > cross individuals and waves. */
89.
90. foreach ww of numlist 1/19 {
    2.   gen startDayFrm_Jan1_1960W`ww' = dofc(starttimeW`ww')
    3.   format startDayFrm_Jan1_1960W`ww' %15.0f
    4.   label variable startDayFrm_Jan1_1960W`ww' "Days between Jan. 1, 1960 and Start
  > Date of Interview"
    5.   order startDayFrm_Jan1_1960W`ww', after(starttimeW`ww')
    6.
91.   gen endDayFrm_Jan1_1960W`ww' = dofc(endtimeW`ww')
    7.   format endDayFrm_Jan1_1960W`ww' %15.0f
    8.   label variable endDayFrm_Jan1_1960W`ww' "Days between Jan. 1, 1960 and End Date
  >  of Interview"
    9.   order endDayFrm_Jan1_1960W`ww', after(endtimeW`ww')
   10. }
(65,940 missing values generated)
(65,940 missing values generated)
(66,267 missing values generated)
(66,267 missing values generated)
(68,220 missing values generated)
(68,220 missing values generated)
(64,977 missing values generated)
(64,977 missing values generated)
(65,559 missing values generated)
(65,559 missing values generated)
(66,271 missing values generated)
(66,271 missing values generated)
(65,634 missing values generated)
(65,634 missing values generated)
(63,027 missing values generated)
(63,027 missing values generated)
(66,493 missing values generated)
(66,493 missing values generated)
(66,292 missing values generated)
(66,292 missing values generated)
```

```
  (65,573 missing values generated)
  (65,573 missing values generated)
  (62,135 missing values generated)
  (62,135 missing values generated)
  (65,393 missing values generated)
  (65,393 missing values generated)
  (65,466 missing values generated)
  (65,466 missing values generated)
  (65,687 missing values generated)
  (65,687 missing values generated)
  (58,570 missing values generated)
  (58,570 missing values generated)
  (62,163 missing values generated)
  (62,163 missing values generated)
  (58,704 missing values generated)
  (58,704 missing values generated)
  (64,352 missing values generated)
  (64,352 missing values generated)

92.
93.
94.
95.
96.
97. /*country: 1 = England; 2 = Scotland; 3 = Wales*/
98.
99. label define countrylbl 1 "England" 2 "Scotland" 3 "Wales"

100
101 foreach vv of numlist 1/19 {
    2. label value countryW`vv' countrylbl
    3.
102 }

103
104
105
106 /***Kept only a subset of variables**/
107
108 //reduced number of variables from 8000+ to 711; 96,529 observations
109
110 keep id wave* starttimeW* startDayFrm_Jan1_1960W* endtimeW* endDayFrm_Jan1_1960W*
  > /*dependent variable*/ dutyToVote2W* /*recoded civic duty variable*/ rec_dutyToVote2
  > W* /**calculated values about number of waves*/ civic_duty_numwaves civic_duty_numwa
  > ves_answered civic_duty_waves /**survey weights*/ wt_full_W1 wt_full_W2 wt_full_W3
  > wt_full_W4  wt_full_W5 wt_new_W6 wt_new_W7 wt_new_W8 wt_new_W9 wt_new_W10 wt_new_W11
  >  wt_new_W12 wt_new_W13_result wt_new_W14 wt_new_W15 wt_new_W16 wt_new_W17 wt_new_W18
  >  wt_new_W19_result /*most people that I know vote??*/ socialPressureVoteW* /*recoded
  >  social pressure to vote variable*/rec_socialPressureVoteW* /*measures of efficacy*/
  >  efficacyUnderstandW* efficacyTooMuchEffortW* efficacyNotUnderstandW* efficacyPolCar
  > eW* efficacyVoteEffortW* efficacyEnjoyVoteW* efficacyNoMatterW* efficacyEUW* voteMak
  > esDifferenceW* /*turnout*/ turnoutUKGeneralW* localTurnoutW* localTurnoutRetroW* gen
  > ElecTurnoutRetroW* genElecTurnoutRetro2017W18  /*EU turnout and other attitudes towa
  > rds EU*/ euroTurnoutW* euRefVoteW* euRefTurnoutRetroW* euRefTurnoutW* p_eurefturnout
  >  /*party and ideological identification*/ partyIdStrengthW* partyIdW* partyIdSqueeze
  > W* pidWeTheyW*  leftRightW* /*demographics*/ gender ageW* p_socgradeW* p_work_statW*
  >  p_ethnicityW* p_gross_householdW* p_gross_personalW* p_housingW* p_maritalW* p_reli
  > gionW* p_edlevelW*  ukCitizenW* euCitizenW* commonwealthCitizenW* otherCitizenW* cou
  > ntryW*   /*satisfaction with democracy*/ expectGoodConductGeneralW* expectGoodConduc
  > tEURefW* satDemEUW* satDemUKW* satDemScotW* satDemWalesW* satDemEngW* satDemEUW*  /*
  > trust in government*/ trustMPsW* trustYourMPW* trustParliament* trustCourtsW* trustW
  > estminsterW*  /*general trust in people*/ genTrustW*
```

```
111
112
113
114 /*****Section 2: Export data as .csv file for use in Fortran code to estimate our mo
  > dels*****/
115
116
117 export delimited using "subset_panel/BES2019_W19_Panel_SubsetVariables", nolabel rep
  > lace
  (file subset_panel/BES2019_W19_Panel_SubsetVariables.csv not found)
  file subset_panel/BES2019_W19_Panel_SubsetVariables.csv saved

118
119
120 /*****Section 3: Prepare data to estimate comparison models *****/
121
122
123
124 /**Keep only variables used in models**/
125
126 keep id startDayFrm_Jan1_1960W* starttimeW* endDayFrm_Jan1_1960W* endtimeW* partyIdW
  > * trustMPsW* efficacyUnderstandW* leftRightW* partyIdSqueezeW* partyIdStrengthW*  du
  > tyToVote2W*  efficacyPolCareW*   satDemUKW* rec_dutyToVote2W*  efficacyNotUnderstand
  > W* p_ethnicityW* p_edlevelW* gender p_religionW* countryW* p_gross_householdW*  ageW
  > *

127
128
129 /*Convert data to long format*/
130
131 reshape long startDayFrm_Jan1_1960W starttimeW endDayFrm_Jan1_1960W endtimeW partyId
  > W trustMPsW efficacyUnderstandW leftRightW partyIdSqueezeW partyIdStrengthW  dutyToV
  > ote2W  efficacyPolCareW   satDemUKW rec_dutyToVote2W  efficacyNotUnderstandW p_ethni
  > cityW p_edlevelW p_religionW countryW p_gross_householdW  ageW, i(id) j(wave)
  (j = 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20)
  (variable partyIdW5 not found)
  (variable trustMPsW5 not found)
  (variable efficacyUnderstandW5 not found)
  (variable partyIdSqueezeW5 not found)
  (variable partyIdStrengthW5 not found)
  (variable dutyToVote2W5 not found)
  (variable efficacyPolCareW5 not found)
  (variable satDemUKW5 not found)
  (variable rec_dutyToVote2W5 not found)
  (variable efficacyNotUnderstandW5 not found)
  (variable dutyToVote2W9 not found)
  (variable rec_dutyToVote2W9 not found)
  (variable dutyToVote2W10 not found)
  (variable rec_dutyToVote2W10 not found)
  (variable trustMPsW11 not found)
  (variable dutyToVote2W11 not found)
  (variable rec_dutyToVote2W11 not found)
  (variable efficacyUnderstandW12 not found)
  (variable efficacyPolCareW12 not found)
  (variable satDemUKW12 not found)
  (variable efficacyNotUnderstandW12 not found)
  (variable trustMPsW13 not found)
  (variable efficacyUnderstandW13 not found)
  (variable dutyToVote2W13 not found)
  (variable efficacyPolCareW13 not found)
  (variable rec_dutyToVote2W13 not found)
  (variable efficacyNotUnderstandW13 not found)
  (variable trustMPsW14 not found)
  (variable efficacyUnderstandW14 not found)
  (variable efficacyPolCareW14 not found)
  (variable satDemUKW14 not found)
  (variable efficacyNotUnderstandW14 not found)
  (variable dutyToVote2W16 not found)
  (variable rec_dutyToVote2W16 not found)
  (variable efficacyUnderstandW18 not found)
  (variable efficacyPolCareW18 not found)
  (variable satDemUKW18 not found)
```

```
(variable efficacyNotUnderstandW18 not found)
(variable efficacyUnderstandW19 not found)
(variable dutyToVote2W19 not found)
(variable efficacyPolCareW19 not found)
(variable rec_dutyToVote2W19 not found)
(variable efficacyNotUnderstandW19 not found)
(variable startDayFrm_Jan1_1960W20 not found)
(variable starttimeW20 not found)
(variable endDayFrm_Jan1_1960W20 not found)
(variable endtimeW20 not found)
(variable partyIdW20 not found)
(variable trustMPsW20 not found)
(variable efficacyUnderstandW20 not found)
(variable leftRightW20 not found)
(variable partyIdSqueezeW20 not found)
(variable partyIdStrengthW20 not found)
(variable dutyToVote2W20 not found)
(variable efficacyPolCareW20 not found)
(variable satDemUKW20 not found)
(variable rec_dutyToVote2W20 not found)
(variable efficacyNotUnderstandW20 not found)
(variable p_ethnicityW20 not found)
(variable p_edlevelW20 not found)
(variable p_religionW20 not found)
(variable p_gross_householdW20 not found)
(variable ageW20 not found)

Data                                  Wide   ->   Long
-----------------------------------------------------------------------------
Number of observations              96,529   ->   1,930,580
Number of variables                    359   ->   24
j variable (20 values)                      ->   wave
xij variables:
startDayFrm_Jan1_1960W1 startDayFrm_Jan1_1960W2 ... startDayFrm_Jan1_1960W20->startDay
> Frm_Jan1_1960W
starttimeW1 starttimeW2 ... starttimeW20  ->   starttimeW
endDayFrm_Jan1_1960W1 endDayFrm_Jan1_1960W2 ... endDayFrm_Jan1_1960W20->endDayFrm_Jan1
> _1960W
     endtimeW1 endtimeW2 ... endtimeW20   ->   endtimeW
     partyIdW1 partyIdW2 ... partyIdW20   ->   partyIdW
  trustMPsW1 trustMPsW2 ... trustMPsW20   ->   trustMPsW
efficacyUnderstandW1 efficacyUnderstandW2 ... efficacyUnderstandW20->efficacyUnderstan
> dW
leftRightW1 leftRightW2 ... leftRightW20  ->   leftRightW
partyIdSqueezeW1 partyIdSqueezeW2 ... partyIdSqueezeW20->partyIdSqueezeW
partyIdStrengthW1 partyIdStrengthW2 ... partyIdStrengthW20->partyIdStrengthW
dutyToVote2W1 dutyToVote2W2 ... dutyToVote2W20->dutyToVote2W
efficacyPolCareW1 efficacyPolCareW2 ... efficacyPolCareW20->efficacyPolCareW
  satDemUKW1 satDemUKW2 ... satDemUKW20   ->   satDemUKW
rec_dutyToVote2W1 rec_dutyToVote2W2 ... rec_dutyToVote2W20->rec_dutyToVote2W
efficacyNotUnderstandW1 efficacyNotUnderstandW2 ... efficacyNotUnderstandW20->efficacy
> NotUnderstandW
p_ethnicityW1 p_ethnicityW2 ... p_ethnicityW20->p_ethnicityW
p_edlevelW1 p_edlevelW2 ... p_edlevelW20  ->   p_edlevelW
p_religionW1 p_religionW2 ... p_religionW20->  p_religionW
     countryW1 countryW2 ... countryW20   ->   countryW
p_gross_householdW1 p_gross_householdW2 ... p_gross_householdW20->p_gross_householdW
                 ageW1 ageW2 ... ageW20   ->   ageW
-----------------------------------------------------------------------------
```

```
132
133
134
135 /*recoding variables */
136
137 tab p_religionW, missing
```

p_religionW	Freq.	Percent	Cum.
1	290,699	15.06	15.06
2	159,863	8.28	23.34
3	45,666	2.37	25.70
4	21,896	1.13	26.84
5	13,363	0.69	27.53
6	6,843	0.35	27.88
7	2,268	0.12	28.00
8	495	0.03	28.03
9	473	0.02	28.05
10	4,696	0.24	28.30
11	2,191	0.11	28.41
12	5,034	0.26	28.67
13	1,024	0.05	28.72
14	2,697	0.14	28.86
15	15,931	0.83	29.69
16	14,552	0.75	30.44
17	2,465	0.13	30.57
18	3,053	0.16	30.73
19	5,386	0.28	31.01
.	1,331,985	68.99	100.00
Total	1,930,580	100.00	

```
138 generate religious = p_religionW
  (1,331,985 missing values generated)

139 replace religious = 0 if p_religionW == 1 | p_religionW == . | p_religionW == 19
  (1,628,070 real changes made)

140 replace religious = 1 if p_religionW > 1 & p_religionW < 19
  (302,510 real changes made)

141
142 tab p_religionW religious, missing
```

p_religionW	religious 0	1	Total
1	290,699	0	290,699
2	0	159,863	159,863
3	0	45,666	45,666
4	0	21,896	21,896
5	0	13,363	13,363
6	0	6,843	6,843
7	0	2,268	2,268
8	0	495	495
9	0	473	473
10	0	4,696	4,696
11	0	2,191	2,191
12	0	5,034	5,034
13	0	1,024	1,024
14	0	2,697	2,697
15	0	15,931	15,931
16	0	14,552	14,552
17	0	2,465	2,465
18	0	3,053	3,053
19	5,386	0	5,386
.	1,331,985	0	1,331,985
Total	1,628,070	302,510	1,930,580

```
143
144
145 codebook gender
```

gender — **Gender**

```
                 Type: Numeric (byte)
                Label: genderW19

                Range: [1,2]                         Units: 1
        Unique values: 2                             Missing .: 8,780/1,930,580

           Tabulation: Freq.   Numeric  Label
                       868,060        1  Male
                     1,053,740        2  Female
                         8,780        .
```

```
146 generate rec_gender = gender
  (8,780 missing values generated)

147 replace rec_gender = 0 if gender == .
  (8,780 real changes made)

148
149 tab rec_gender gender, missing
```

rec_gender	Gender: Male	Female	.	Total
0	0	0	8,780	8,780
1	868,060	0	0	868,060
2	0	1,053,740	0	1,053,740
Total	868,060	1,053,740	8,780	1,930,580

```
150
151
152 codebook rec_dutyToVote2W
```

rec_dutyToVote2W — **(unlabeled)**

```
                 Type: Numeric (float)

                Range: [-2,5]                        Units: 1
        Unique values: 8                             Missing .: 772,232/1,930,580

           Tabulation: Freq.  Value
                       775,004  -2
                        52,894  -1
                         8,288  0
                         7,621  1
                        13,322  2
                        36,558  3
                       120,373  4
                       144,288  5
                       772,232  .
```

```
153
154 generate rec_dutytovote2 = rec_dutyToVote2W
  (772,232 missing values generated)

155 replace rec_dutytovote2 = . if rec_dutyToVote2W < 1
  (836,186 real changes made, 836,186 to missing)

156
157 tab  rec_dutyToVote2W rec_dutytovote2
```

rec_dutyTo Vote2W	rec_dutytovote2 1	2	3	4	5	Total
1	**7,621**	**0**	**0**	**0**	**0**	**7,621**
2	**0**	**13,322**	**0**	**0**	**0**	**13,322**
3	**0**	**0**	**36,558**	**0**	**0**	**36,558**
4	**0**	**0**	**0**	**120,373**	**0**	**120,373**
5	**0**	**0**	**0**	**0**	**144,288**	**144,288**
Total	**7,621**	**13,322**	**36,558**	**120,373**	**144,288**	**322,162**

```
158
159
160
161 codebook trustMPsW
```

trustMPsW **(unlabeled)**

Type: Numeric (**int**)

Range: [**1,9999**] Units: **1**
Unique values: **8** Missing .: **1,554,820/1,930,580**

Tabulation: Freq. Value

Freq.	Value
75,512	**1**
74,515	**2**
68,337	**3**
72,692	**4**
55,958	**5**
14,932	**6**
2,724	**7**
11,090	**9999**
1,554,820	**.**

```
162
163 generate trustmps = trustMPsW
  (1,554,820 missing values generated)

164 replace trustmps = . if trustMPsW == 9999
  (11,090 real changes made, 11,090 to missing)

165 tab trustmps trustMPsW
```

trustmps	trustMPsW 1	2	3	4	5	6	> 7	Total
1	**75,512**	**0**	**0**	**0**	**0**	**0**	**> 0**	**75,512**
2	**0**	**74,515**	**0**	**0**	**0**	**0**	**> 0**	**74,515**
3	**0**	**0**	**68,337**	**0**	**0**	**0**	**> 0**	**68,337**
4	**0**	**0**	**0**	**72,692**	**0**	**0**	**> 0**	**72,692**
5	**0**	**0**	**0**	**0**	**55,958**	**0**	**> 0**	**55,958**
6	**0**	**0**	**0**	**0**	**0**	**14,932**	**> 0**	**14,932**

```
          7 |          0          0          0          0          0          0      2,7
> 24      |      2,724
------------+-----------------------------------------------------------------------------
      Total |     75,512     74,515     68,337     72,692     55,958     14,932      2,7
> 24      |    364,670
```

```
166
167
168
169 codebook satDemUKW
```

---

satDemUKW **(unlabeled)**

Type: Numeric (**int**)

Range: [**1,9999**] Units: **1**
Unique values: **5** Missing .: **1,458,043/1,930,580**

Tabulation: Freq. Value
98,456 **1**
140,900 **2**
171,411 **3**
27,241 **4**
34,529 **9999**
1,458,043 **.**

```
170
171 generate satdemuk = satDemUKW
  (1,458,043 missing values generated)

172 replace satdemuk = . if satDemUKW == 9999
  (34,529 real changes made, 34,529 to missing)

173 tab satdemuk satDemUKW
```

satdemuk	satDemUKW 1	2	3	4	Total
1	**98,456**	**0**	**0**	**0**	**98,456**
2	**0**	**140,900**	**0**	**0**	**140,900**
3	**0**	**0**	**171,411**	**0**	**171,411**
4	**0**	**0**	**0**	**27,241**	**27,241**
Total	**98,456**	**140,900**	**171,411**	**27,241**	**438,008**

```
174
175
176 codebook efficacyUnderstandW
```

---

efficacyUnderstandW **(unlabeled)**

Type: Numeric (**int**)

Range: [**1,9999**] Units: **1**
Unique values: **6** Missing .: **1,521,354/1,930,580**

Tabulation: Freq. Value
8,588 **1**
29,632 **2**
90,617 **3**
207,352 **4**
60,284 **5**
12,753 **9999**
1,521,354 **.**

```
177
178 generate efficacyunderstand = efficacyUnderstandW
  (1,521,354 missing values generated)

179 replace efficacyunderstand = . if efficacyUnderstandW == 9999
  (12,753 real changes made, 12,753 to missing)

180 tab efficacyunderstand efficacyUnderstandW
```

efficacyun derstand	efficacyUnderstandW 1	2	3	4	5	Total
1	**8,588**	**0**	**0**	**0**	**0**	**8,588**
2	**0**	**29,632**	**0**	**0**	**0**	**29,632**
3	**0**	**0**	**90,617**	**0**	**0**	**90,617**
4	**0**	**0**	**0**	**207,352**	**0**	**207,352**
5	**0**	**0**	**0**	**0**	**60,284**	**60,284**
Total	**8,588**	**29,632**	**90,617**	**207,352**	**60,284**	**396,473**

```
181
182
183 codebook efficacyPolCareW
```

efficacyPolCareW **(unlabeled)**

Type: Numeric (**int**)

Range: [**1,9999**] Units: **1**
Unique values: **6** Missing .: **1,521,354**/**1,930,580**

Tabulation: Freq. Value
6,610 **1**
49,696 **2**
80,116 **3**
157,046 **4**
103,250 **5**
12,508 **9999**
1,521,354 **.**

```
184
185 generate efficacypolcare = efficacyPolCareW
  (1,521,354 missing values generated)

186 replace efficacypolcare = . if efficacyPolCareW == 9999
  (12,508 real changes made, 12,508 to missing)

187 tab efficacypolcare efficacyPolCareW
```

efficacypo lcare	efficacyPolCareW 1	2	3	4	5	Total
1	**6,610**	**0**	**0**	**0**	**0**	**6,610**
2	**0**	**49,696**	**0**	**0**	**0**	**49,696**
3	**0**	**0**	**80,116**	**0**	**0**	**80,116**
4	**0**	**0**	**0**	**157,046**	**0**	**157,046**
5	**0**	**0**	**0**	**0**	**103,250**	**103,250**
Total	**6,610**	**49,696**	**80,116**	**157,046**	**103,250**	**396,718**

```
188
189
190
191 codebook p_edlevelW
```

---

p_edlevelW **(unlabeled)**

Type: Numeric (**byte**)

Range: [**0,5**] Units: **1**
Unique values: **6** Missing .: **1,417,004/1,930,580**

Tabulation: Freq.	Value
40,404	**0**
23,578	**1**
113,293	**2**
108,316	**3**
173,009	**4**
54,976	**5**
1,417,004	**.**

```
192 generate  p_edlevel = p_edlevelW
  (1,417,004 missing values generated)

193
194 replace p_edlevel = 0 if p_edlevelW == .
  (1,417,004 real changes made)

195
196 replace p_edlevel = 1 if p_edlevelW == 0 | p_edlevelW == 1
  (40,404 real changes made)

197
198 replace p_edlevel = 2 if p_edlevelW == 2 | p_edlevelW == 3
  (108,316 real changes made)

199 replace p_edlevel = 3 if p_edlevelW == 4
  (173,009 real changes made)

200 replace p_edlevel = 4 if p_edlevelW == 5
  (54,976 real changes made)

201
202 tab p_edlevelW p_edlevel
```

p_edlevelW	p_edlevel 1	2	3	4	Total
0	**40,404**	**0**	**0**	**0**	**40,404**
1	**23,578**	**0**	**0**	**0**	**23,578**
2	**0**	**113,293**	**0**	**0**	**113,293**
3	**0**	**108,316**	**0**	**0**	**108,316**
4	**0**	**0**	**173,009**	**0**	**173,009**
5	**0**	**0**	**0**	**54,976**	**54,976**
Total	**63,982**	**221,609**	**173,009**	**54,976**	**513,576**

```
203
```

```
204
205 tab p_gross_householdW
```

p_gross_householdW	Freq.	Percent	Cum.
1	12,285	2.04	2.04
2	28,125	4.67	6.70
3	47,251	7.84	14.54
4	46,970	7.79	22.33
5	49,829	8.27	30.60
6	45,900	7.61	38.21
7	39,197	6.50	44.71
8	32,887	5.46	50.17
9	29,249	4.85	55.02
10	23,893	3.96	58.98
11	30,868	5.12	64.10
12	21,285	3.53	67.63
13	28,396	4.71	72.34
14	10,565	1.75	74.10
15	4,288	0.71	74.81
16	33,120	5.49	80.30
17	118,748	19.70	100.00
Total	602,856	100.00	

```
206
207 generate p_gross_household = p_gross_householdW
  (1,327,724 missing values generated)

208 //less than 25k
209 replace p_gross_household = 1 if p_gross_householdW == 1 | p_gross_householdW == 2 |
  >  p_gross_householdW == 3 | p_gross_householdW == 4 | p_gross_householdW == 5
  (172,175 real changes made)

210
211 //25k and less than 50k
212 replace p_gross_household = 2 if p_gross_householdW == 6 | p_gross_householdW == 7 |
  >  p_gross_householdW == 8 | p_gross_householdW == 9 | p_gross_householdW == 10
  (171,126 real changes made)

213
214 //50k or more
215 replace p_gross_household = 3 if p_gross_householdW == 11 | p_gross_householdW == 12
  >  | p_gross_householdW == 13 | p_gross_householdW == 14 | p_gross_householdW == 15
  (95,402 real changes made)

216
217 //income missing
218 replace p_gross_household = 0 if p_gross_householdW == 16 | p_gross_householdW == 17
  (151,868 real changes made)

219
220 tab p_gross_household p_gross_householdW
```

p_gross_household | p_gross_householdW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151,868
1	12,285	28,125	47,251	46,970	49,829	0	0	0	0	0	0	0	0	0	0	184,460
2	0	0	0	0	0	45,900	39,197	32,887	29,249	23,893	0	0	0	0	0	171,126

```
         3 |         0          0          0          0          0          0
>  0          0          0          0     30,868     21,285     28,396     10,565
>  4,288 |    95,402
-----------+------------------------------------------------------------------------
   ---------+------------------------------------------------------------------------
   ---------+-----------
     Total |    12,285     28,125     47,251     46,970     49,829     45,900     39,1
> 97     32,887     29,249     23,893     30,868     21,285     28,396     10,565
>  4,288 |   602,856
```

p_gross_household	p_gross_householdW 16	17	Total
0	33,120	118,748	151,868
1	0	0	184,460
2	0	0	171,126
3	0	0	95,402
Total	33,120	118,748	602,856

```
tab p_gross_household
```

p_gross_household	Freq.	Percent	Cum.
0	151,868	25.19	25.19
1	184,460	30.60	55.79
2	171,126	28.39	84.17
3	95,402	15.83	100.00
Total	602,856	100.00	

```
/*If party id == 10 | 9999 used partyidsqueeze.*/

/*Final coding for party id: 0 - No Party, 1 - Conservative, 2-Labor, 3- Other Party
> */
tab partyIdW
```

partyIdW	Freq.	Percent	Cum.
1	158,393	27.55	27.55
2	156,005	27.13	54.68
3	40,241	7.00	61.68
4	21,427	3.73	65.40
5	3,189	0.55	65.96
6	26,851	4.67	70.63
7	17,379	3.02	73.65
8	579	0.10	73.75
9	5,507	0.96	74.71
10	108,268	18.83	93.54
11	194	0.03	93.57
12	6,183	1.08	94.65
9999	30,786	5.35	100.00
Total	575,002	100.00	

```
230
231 generate partyid_wip = partyIdW
  (1,355,578 missing values generated)

232 replace partyid_wip = partyIdSqueezeW if partyIdW == 9999 | partyIdW == 10
  (62,282 real changes made, 997 to missing)

233
234 tab partyid_wip partyIdSqueezeW
```

partyid_wi > eezeW	partyIdSqu							
p > 7	1	2	3	4	5	6	8	9	10	11	12	9999	Total	
1	**15,626**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**15,626**	
2	**0**	**12,309**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12,309**	
3	**0**	**0**	**8,414**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8,414**	
4	**0**	**0**	**0**	**2,112**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,112**	
5	**0**	**0**	**0**	**0**	**460**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**460**	
6	**0**	**0**	**0**	**0**	**0**	**6,023**	**0**	**0**	**0**	**0**	**0**	**0**	**6,023**	
7	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6,4**
14	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6,414**	
8	**0**	**0**	**0**	**0**	**0**	**0**	**125**	**0**	**0**	**0**	**0**	**0**	**125**	
9	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**623**	**0**	**0**	**0**	**0**	**623**	
10	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**65,840**	**0**	**0**	**0**	**65,840**	
11	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**83**	**0**	**0**	**83**	
12	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,526**	**0**	**1,526**	
9999	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**18,504**	**18,504**	
Total	**15,626**	**12,309**	**8,414**	**2,112**	**460**	**6,023**	**125**	**623**	**65,840**	**83**	**1,526**	**18,504**	**138,059**	**6,4**
14														

```
235
236 generate partyid = partyid_wip
  (1,356,575 missing values generated)

237 replace partyid = 0 if partyid_wip == 10
  (65,840 real changes made)

238 replace partyid = 0 if partyid_wip == 9999
  (18,504 real changes made)

239 replace partyid = 3 if partyid_wip > 2 & partyid_wip != 9999 & partyid_wip != 10
  (1,455,249 real changes made)
```

```
240
241 tab partyid_wip partyid, missing
```

partyid_wip	partyid				
p	0	1	2	3	Total
1	**0**	**174,018**	**0**	**0**	**174,018**
2	**0**	**0**	**168,314**	**0**	**168,314**
3	**0**	**0**	**0**	**48,655**	**48,655**
4	**0**	**0**	**0**	**23,539**	**23,539**
5	**0**	**0**	**0**	**3,649**	**3,649**
6	**0**	**0**	**0**	**32,874**	**32,874**
7	**0**	**0**	**0**	**23,792**	**23,792**
8	**0**	**0**	**0**	**704**	**704**
9	**0**	**0**	**0**	**6,130**	**6,130**
10	**65,840**	**0**	**0**	**0**	**65,840**
11	**0**	**0**	**0**	**277**	**277**
12	**0**	**0**	**0**	**7,709**	**7,709**
9999	**18,504**	**0**	**0**	**0**	**18,504**
.	**0**	**0**	**0**	**1,356,575**	**1,356,575**
Total	**84,344**	**174,018**	**168,314**	**1,503,904**	**1,930,580**

```
242
243 /*Dummy variables*/
244
245 tab partyid,missing
```

partyid	Freq.	Percent	Cum.
0	**84,344**	**4.37**	**4.37**
1	**174,018**	**9.01**	**13.38**
2	**168,314**	**8.72**	**22.10**
3	**1,503,904**	**77.90**	**100.00**
Total	**1,930,580**	**100.00**	

```
246
247 generate no_party = .
  (1,930,580 missing values generated)

248 replace no_party = 1 if partyid == 0
  (84,344 real changes made)

249 replace no_party = 0 if partyid == 1 | partyid == 2 | partyid == 3
  (1,846,236 real changes made)

250
251 tab partyid no_party,missing
```

	no_party		
partyid	0	1	Total
0	**0**	**84,344**	**84,344**
1	**174,018**	**0**	**174,018**
2	**168,314**	**0**	**168,314**
3	**1,503,904**	**0**	**1,503,904**
Total	**1,846,236**	**84,344**	**1,930,580**

```
252
253
254 generate conservative_party = .
  (1,930,580 missing values generated)

255 replace conservative_party = 1 if partyid == 1
  (174,018 real changes made)

256 replace conservative_party = 0 if partyid == 0 | partyid == 2 | partyid == 3
  (1,756,562 real changes made)

257
258 tab partyid conservative_party,missing
```

partyid	conservative_party 0	1	Total
0	**84,344**	**0**	**84,344**
1	**0**	**174,018**	**174,018**
2	**168,314**	**0**	**168,314**
3	**1,503,904**	**0**	**1,503,904**
Total	**1,756,562**	**174,018**	**1,930,580**

```
259
260
261 generate labour_party = .
  (1,930,580 missing values generated)

262 replace labour_party = 1 if partyid == 2
  (168,314 real changes made)

263 replace labour_party = 0 if partyid == 0 | partyid == 1 | partyid == 3
  (1,762,266 real changes made)

264
265 tab partyid labour_party,missing
```

partyid	labour_party 0	1	Total
0	**84,344**	**0**	**84,344**
1	**174,018**	**0**	**174,018**
2	**0**	**168,314**	**168,314**
3	**1,503,904**	**0**	**1,503,904**
Total	**1,762,266**	**168,314**	**1,930,580**

```
266
267 generate other_party = .
  (1,930,580 missing values generated)

268 replace other_party = 1 if partyid == 3
  (1,503,904 real changes made)

269 replace other_party = 0 if partyid == 0 | partyid == 1 | partyid == 2
  (426,676 real changes made)

270
271 tab partyid other_party,missing
```

partyid	other_party 0	1	Total
0	**84,344**	**0**	**84,344**
1	**174,018**	**0**	**174,018**
2	**168,314**	**0**	**168,314**
3	**0**	**1,503,904**	**1,503,904**
Total	**426,676**	**1,503,904**	**1,930,580**

```
272
273
274 /*Party id strength: 1 - Very strong, 2 - Fairly strong, 0 - Not very strong, not ap
  > plicable (partyid = 0 OR partyid_wip == 10 |9999), missing (.)**/
275 tab partyIdStrengthW partyid_wip, missing

  partyIdStr |                                                                    pa
  > rtyid_wip
     engthW |         1          2          3          4          5          6
  >  7          8          9         10         11         12       9999          . |
  >   Total
  ------------+------------------------------------------------------------------------
  ------------------------------------------------------------------------------------+---
  -------
          1 |    28,788     36,797      3,903     10,039      1,027      9,479      3,1
  > 73        173      2,678          0         29      3,410          0          6 |
  >  99,502
          2 |    90,675     83,831     19,340      9,964      1,704     15,781     11,7
  > 77        273      2,517          0        125      3,241          0          9 |
  > 239,237
          3 |    51,761     43,956     24,105      3,297        848      6,710      8,0
  > 64        215        581          0        108        863          0          9 |
  > 140,517
       9999 |     2,791      3,728      1,306        239         70        904        7
  > 78         43        354          0         15        195          1          1 |
  >  10,425
          . |         3          2          1          0          0          0
  >  0          0          0     65,840          0          0     18,503  1,356,550 | 1,
  > 440,899
  ------------+------------------------------------------------------------------------
  ------------------------------------------------------------------------------------+---
  -------
      Total |   174,018    168,314     48,655     23,539      3,649     32,874     23,7
  > 92        704      6,130     65,840        277      7,709     18,504  1,356,575 | 1,
  > 930,580

276 tab partyIdStrengthW, missing

  partyIdStre |
        ngthW |      Freq.     Percent        Cum.
  ------------+-----------------------------------
            1 |     99,502        5.15        5.15
            2 |    239,237       12.39       17.55
            3 |    140,517        7.28       24.82
         9999 |     10,425        0.54       25.36
            . |  1,440,899       74.64      100.00
  ------------+-----------------------------------
        Total |  1,930,580      100.00

277
278 generate partyidstrength = partyIdStrengthW
  (1,440,899 missing values generated)

279 replace partyidstrength = 0 if partyIdStrengthW == 3 | partyIdStrengthW == 9999 | pa
  > rtyIdStrengthW == .
  (1,591,841 real changes made)

280 tab partyidstrength partyIdStrengthW

  partyidstr |              partyIdStrengthW
       ength |         1          2          3       9999 |     Total
  ------------+-------------------------------------------+----------
           0 |         0          0    140,517     10,425 |   150,942
           1 |    99,502          0          0          0 |    99,502
           2 |         0    239,237          0          0 |   239,237
  ------------+-------------------------------------------+----------
       Total |    99,502    239,237    140,517     10,425 |   489,681
```

```
281
282 tab partyidstrength partyid, missing
```

partyidstrength	partyid 0	1	2	3	Total
0	**84,344**	**54,555**	**47,686**	**1,405,256**	**1,591,841**
1	**0**	**28,788**	**36,797**	**33,917**	**99,502**
2	**0**	**90,675**	**83,831**	**64,731**	**239,237**
Total	**84,344**	**174,018**	**168,314**	**1,503,904**	**1,930,580**

```
283
284
285 /*Dummy variables*/
286
287 generate strong_partyidstrength = .
  (1,930,580 missing values generated)

288
289 replace strong_partyidstrength = 1 if partyidstrength == 1
  (99,502 real changes made)

290 replace strong_partyidstrength = 0 if partyidstrength == 0 | partyidstrength == 2
  (1,831,078 real changes made)

291 tab partyidstrength strong_partyidstrength, missing
```

partyidstrength	strong_partyidstrength 0	1	Total
0	**1,591,841**	**0**	**1,591,841**
1	**0**	**99,502**	**99,502**
2	**239,237**	**0**	**239,237**
Total	**1,831,078**	**99,502**	**1,930,580**

```
292
293
294 generate fstrong_partyidstrength = .
  (1,930,580 missing values generated)

295 replace fstrong_partyidstrength = 1 if partyidstrength == 2
  (239,237 real changes made)

296 replace fstrong_partyidstrength = 0 if partyidstrength == 0 | partyidstrength == 1
  (1,691,343 real changes made)

297
298 tab partyidstrength fstrong_partyidstrength, missing
```

partyidstrength	fstrong_partyidstrength 0	1	Total
0	**1,591,841**	**0**	**1,591,841**
1	**99,502**	**0**	**99,502**
2	**0**	**239,237**	**239,237**
Total	**1,691,343**	**239,237**	**1,930,580**

```
299
300 generate no_partyidstrength = .
  (1,930,580 missing values generated)

301 replace no_partyidstrength = 1 if partyidstrength == 0
  (1,591,841 real changes made)

302 replace no_partyidstrength = 0 if partyidstrength == 1 | partyidstrength == 2
  (338,739 real changes made)

303
304
305 tab partyidstrength no_partyidstrength, missing
```

partyidstrength	no_partyidstrength 0	1	Total
0	**0**	**1,591,841**	**1,591,841**
1	**99,502**	**0**	**99,502**
2	**239,237**	**0**	**239,237**
Total	**338,739**	**1,591,841**	**1,930,580**

```
306
307
308
309 /*Generating covariance matrix to calculate portion of variance in each DV explained
  >  by partyid and partyidstrength */
310 correlate conservative_party labour_party other_party strong_partyidstrength fstrong
  > _partyidstrength, covariance
  (obs=1,930,580)
```

	conser~y	labour~y	other_~y	strong~h	fstron~h
conservati~y	**.082013**				
labour_party	**-.007858**	**.079582**			
other_party	**-.070216**	**-.067915**	**.172164**		
strong_par~h	**.010266**	**.014567**	**-.022581**	**.048884**	
fstrong_pa~h	**.035798**	**.032619**	**-.063003**	**-.006387**	**.108564**

```
311 matrix C = r(C)

312
313 esttab matrix (C) using "../cov_party_affil.csv", replace
  (file ../cov_party_affil.csv not found)
  (output written to ../cov_party_affil.csv)

314
315
316
317
318
319
320 generate wavefe = wave

321
322
323 codebook ageW
```

---

ageW **(unlabeled)**

Type: Numeric (**int**)

Range: [**4,119**] Units: **1**
Unique values: **94** Missing .: **1,324,127/1,930,580**

Mean: **52.056**
Std. dev.: **16.2526**

Percentiles:	10%	25%	50%	75%	90%
	28	**39**	**55**	**65**	**71**

```
. generate age = ageW
  (1,324,127 missing values generated)

.
.
. generate startyear = year(startDayFrm_Jan1_1960W)
  (1,323,252 missing values generated)

.
. generate approx_byear = startyear - ageW
  (1,324,127 missing values generated)

.
.
.
. bysort id: egen meanbyear = mean(approx_byear)
  (1,660 missing values generated)

.
.
. generate byear = floor(meanbyear)
  (1,660 missing values generated)

.
.
. generate agecoh = 0

.
. replace agecoh = 4 if byear < 1946
  (162,960 real changes made)

.
. replace agecoh = 3 if byear >= 1946 &  byear <= 1964
  (671,160 real changes made)

.
. replace agecoh = 2 if byear >= 1965 &  byear <= 1980
  (492,680 real changes made)

.
. replace agecoh = 1 if byear > 1980
  (603,780 real changes made)

.
.
. tab countryW
```

countryW	Freq.	Percent	Cum.
1	**499,730**	**78.71**	**78.71**
2	**85,161**	**13.41**	**92.12**
3	**50,014**	**7.88**	**100.00**
Total	**634,905**	**100.00**	

```
. generate country = countryW
  (1,295,675 missing values generated)
```

```
352 tab country countryW
```

country	countryW 1	2	3	Total
1	**499,730**	**0**	**0**	**499,730**
2	**0**	**85,161**	**0**	**85,161**
3	**0**	**0**	**50,014**	**50,014**
Total	**499,730**	**85,161**	**50,014**	**634,905**

```
353
354
355 /**save data as Stata .dta file to estimate comparison models*/
356 save "../BES2019_W19_Panel_SubsetVariables.dta", replace
  file ../BES2019_W19_Panel_SubsetVariables.dta saved

357
358
359 log close
       name:  <unnamed>
        log:  C:\Dropbox\Alecia\Stability of Political Attitudes\Replication Prep\BESIP
  > \data\recode\log_recode.smcl
    log type:  smcl
   closed on:  10 Dec 2025, 19:15:28
-------------------------------------------------------------------------------
```