

Digit Span Codebook

The data file includes both completed cases and non-interview cases. Variable ds3 identifies whether the assessment was completed. If the assessment was not completed (ds3=2), the assessment variables (dsl1a-dsl14b) were recoded to blank. The Digit Span Questionnaire includes instructions for relating the assessment data to the parent interview data.

pu_id Child pu_id

type: string (str8)
unique values: 3832 missing "": 0/3832
examples: "052822"
 "502922"
 "700421"
 "465422"

samptype Parent data is in Adult or Proxy (Child) file

type: string (str5)
unique values: 2 missing "": 0/3832
tabulation: Freq. Value
 3156 "Adult"
 676 "Child"

age Age of child on date case was sampled

type: numeric (byte)
range: [3,12] units: 1
unique values: 10 missing .: 0/3832
tabulation: Freq. Value
 415 3
 452 4
 396 5
 397 6
 361 7
 364 8
 371 9
 367 10
 337 11
 372 12

roster

roster position of child in main interview

type: numeric (float)
range: [1,19] units: 1
unique values: 18 missing .: 0/3832

tabulation: Freq. Value
178 1
95 2
1405 3
1140 4
544 5
240 6
114 7
54 8
25 9
12 10
9 11
4 12
4 13
2 14
1 15
2 17
2 18
1 19

assentmo

language of digit span - modified

type: numeric (byte)
label: lang
range: [-2,14] units: 1
unique values: 14 missing .: 439/3832

tabulation: Freq. Numeric Label
8 -2 Don't know
26 -1 Refused
2228 1 ENGLISH
711 2 SPANISH
1 3 PORTUGUESE
93 4 RUSSIAN
13 5 FRENCH
18 6 ARABIC
39 7 CHINESE
15 8 TAGALOG
72 9 VIETNAMESE
16 10 KOREAN
1 11 BENGALI
1 12 HINDI
26 13 POLISH
3 14 AMHARIC
28 15 CREOLE
37 16 OTHER EUROPEAN
42 17 OTHER NON-EUROPEAN

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          1      18  Other spoken in PHILIPPINES
         14      19  Other spoken in INDIA

          439      .

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language                                     language of CAPI 1=Spanish
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          type: numeric (byte)
          label: asg

          range: [0,1]                units: 1
unique values: 2                    missing .: 417/3832

          tabulation: Freq.  Numeric  Label
                    2748      0  English
                    667       1  Spanish
                    417       .

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-----
sa1                                           how well understand spoken English
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          type: numeric (byte)
          label: well

          range: [-2,4]              units: 1
unique values: 6                    missing .: 606/3832

          tabulation: Freq.  Numeric  Label
                    44       -2  don't know
                    59       -1  refused
                   1304       1  very well
                    998       2  well
                    549       3  not well
                    272       4  not at all
                    606       .

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-----
sa2                                           how well speak English
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          type: numeric (byte)
          label: well

          range: [-2,4]              units: 1
unique values: 6                    missing .: 610/3832

          tabulation: Freq.  Numeric  Label
                    44       -2  don't know
                    59       -1  refused
                   1219       1  very well
                   1034       2  well
                    583       3  not well
                    283       4  not at all
                    610       .

```

sa3 how well read English

type: numeric (byte)
label: well
range: [-2,4] units: 1
unique values: 6 missing .: 1658/3832

tabulation:	Freq.	Numeric	Label
	12	-2	don't know
	35	-1	refused
	797	1	very well
	771	2	well
	393	3	not well
	166	4	not at all
	1658	.	

sa4 how well write English

type: numeric (byte)
label: well
range: [-2,4] units: 1
unique values: 6 missing .: 1661/3832

tabulation:	Freq.	Numeric	Label
	16	-2	don't know
	34	-1	refused
	759	1	very well
	798	2	well
	404	3	not well
	160	4	not at all
	1661	.	

sa5 how well understand spoken Spanish

type: numeric (byte)
label: well
range: [-2,4] units: 1
unique values: 6 missing .: 2536/3832

tabulation:	Freq.	Numeric	Label
	15	-2	don't know
	9	-1	refused
	591	1	very well
	505	2	well
	145	3	not well
	31	4	not at all
	2536	.	

sa6 how well speak Spanish

type: numeric (byte)
label: well
range: [-2,4] units: 1
unique values: 6 missing .: 2536/3832

tabulation:	Freq.	Numeric	Label
	16	-2	don't know
	8	-1	refused
	547	1	very well
	539	2	well
	160	3	not well
	26	4	not at all
	2536	.	

sa7 how well read Spanish

type: numeric (byte)
label: well
range: [-2,4] units: 1
unique values: 6 missing .: 2896/3832

tabulation:	Freq.	Numeric	Label
	2	-2	don't know
	4	-1	refused
	219	1	very well
	274	2	well
	269	3	not well
	168	4	not at all
	2896	.	

sa8 how well write Spanish

type: numeric (byte)
label: well
range: [-2,4] units: 1
unique values: 6 missing .: 2896/3832

tabulation:	Freq.	Numeric	Label
	2	-2	don't know
	4	-1	refused
	199	1	very well
	265	2	well
	260	3	not well
	206	4	not at all
	2896	.	

ds1a digits forward - 3

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 791/3832

tabulation:	Freq.	Numeric	Label
	2699	1	correct
	342	2	incorrect
	791	.	

ds1b digits forward - 3

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 791/3832

tabulation:	Freq.	Numeric	Label
	2770	1	correct
	271	2	incorrect
	791	.	

ds2a digits forward - 4

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 1004/3832

tabulation:	Freq.	Numeric	Label
	2299	1	correct
	529	2	incorrect
	1004	.	

ds2b digits forward - 4

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 1003/3832

tabulation:	Freq.	Numeric	Label
	2208	1	correct
	621	2	incorrect
	1003	.	

ds3a digits forward - 5

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 1330/3832

tabulation:	Freq.	Numeric	Label
	1283	1	correct
	1219	2	incorrect
	1330	.	

ds3b digits forward - 5

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 1330/3832

tabulation:	Freq.	Numeric	Label
	1356	1	correct
	1146	2	incorrect
	1330	.	

ds4a digits forward - 6

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 2162/3832

tabulation:	Freq.	Numeric	Label
	766	1	correct
	904	2	incorrect
	2162	.	

ds4b digits forward - 6

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 2162/3832

tabulation:	Freq.	Numeric	Label
	568	1	correct
	1102	2	incorrect
	2162	.	

ds5a digits forward - 7

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 2923/3832

tabulation:	Freq.	Numeric	Label
	327	1	correct
	582	2	incorrect
	2923	.	

ds5b digits forward - 7

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 2923/3832

tabulation:	Freq.	Numeric	Label
	277	1	correct
	632	2	incorrect
	2923	.	

ds6a digits forward - 8

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3402/3832

tabulation:	Freq.	Numeric	Label
	92	1	correct
	338	2	incorrect
	3402	.	

ds6b digits forward - 8

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3402/3832

tabulation:	Freq.	Numeric	Label
	88	1	correct
	342	2	incorrect
	3402	.	

ds7a digits forward - 9

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3697/3832

tabulation:	Freq.	Numeric	Label
	44	1	correct
	91	2	incorrect
	3697	.	

ds7b digits forward - 9

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3697/3832

tabulation:	Freq.	Numeric	Label
	45	1	correct
	90	2	incorrect
	3697	.	

ds8a digits backward - 2

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 791/3832

tabulation:	Freq.	Numeric	Label
	2277	1	correct
	764	2	incorrect
	791	.	

ds8b digits backward - 2

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 791/3832

tabulation:	Freq.	Numeric	Label
	2254	1	correct
	787	2	incorrect
	791	.	

ds9a digits backward - 3

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 1468/3832

tabulation:	Freq.	Numeric	Label
	1618	1	correct
	746	2	incorrect
	1468	.	

ds9b digits backward - 3

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 1468/3832

tabulation:	Freq.	Numeric	Label
	1492	1	correct
	872	2	incorrect
	1468	.	

ds10a digits backward - 4

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 1934/3832

tabulation:	Freq.	Numeric	Label
	708	1	correct
	1190	2	incorrect
	1934	.	

ds10b digits backward - 4

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 1934/3832

tabulation:	Freq.	Numeric	Label
	728	1	correct
	1170	2	incorrect
	1934	.	

ds11a digits backward - 5

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 2827/3832

tabulation: Freq. Numeric Label
204 1 correct
801 2 incorrect
2827 .

ds11b digits backward - 5

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 2827/3832

tabulation: Freq. Numeric Label
252 1 correct
753 2 incorrect
2827 .

ds12a digits backward - 6

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3478/3832

tabulation: Freq. Numeric Label
75 1 correct
279 2 incorrect
3478 .

ds12b digits backward - 6

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3478/3832

tabulation: Freq. Numeric Label
94 1 correct
260 2 incorrect
3478 .

ds13a digits backward - 7

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3708/3832

tabulation:	Freq.	Numeric	Label
	28	1	correct
	96	2	incorrect
	3708	.	

ds13b digits backward - 7

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3708/3832

tabulation:	Freq.	Numeric	Label
	31	1	correct
	93	2	incorrect
	3708	.	

ds14a digits backward - 8

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3788/3832

tabulation:	Freq.	Numeric	Label
	9	1	correct
	35	2	incorrect
	3788	.	

ds14b digits backward - 8

type: numeric (byte)
label: corr

range: [1,2] units: 1
unique values: 2 missing .: 3788/3832

tabulation:	Freq.	Numeric	Label
	11	1	correct
	33	2	incorrect
	3788	.	

```
-----
elapsed                                     time of admin - seconds
-----
      type:  numeric (byte)
      range:  [9,99]
unique values: 89                               units: 1
                                             missing .: 644/3832

      mean:   34.9602
      std. dev: 16.5048

percentiles:      10%      25%      50%      75%      90%
                  17       23       32       43       57
-----
```

```
-----
elapmin                                     time of admin - minutes
-----
      type:  numeric (byte)
      range:  [0,91]
unique values: 35                               units: 1
                                             missing .: 644/3832

      mean:   5.36794
      std. dev: 3.90431

percentiles:      10%      25%      50%      75%      90%
                  2        3        5        7        9
-----
```

```
-----
dsl                                         anyone in room
-----
      type:  numeric (byte)
      label:  yesno
      range:  [-2,2]
unique values: 3                               units: 1
                                             missing .: 1/3832

      tabulation:  Freq.  Numeric  Label
                   67     -2     don't know
                   2375    1     yes
                   1389    2     no
                   1      .
-----
```

```
-----
dsls2                                       how much child distracted by presence
-----
      type:  numeric (byte)
      label:  distract
      range:  [-2,3]
unique values: 4                               units: 1
                                             missing .: 1458/3832

      tabulation:  Freq.  Numeric  Label
                   4     -2     don't know
                   210    1     a great deal
                   630    2     somewhat
                   1530    3     not at all
                   1458    .
-----
```

ds3 did child complete digit span

type: numeric (byte)
label: yesno
range: [-2,2] units: 1
unique values: 3 missing .: 0/3832
tabulation: Freq. Numeric Label
3 -2 don't know
3054 1 yes
775 2 no

ds3a_1 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 11 missing .: 3055/3832
tabulation: Freq. Numeric Label
5 -2 don't know
593 1 parent/caregiver refusal
45 2 child would not respondent
3 3 major interruption caused end
3 4 child not understand task
14 5 child's language problem
4 6 child's emotional condition
2 7 child's physical condition
3 8 child tired
98 9 other, specify
7 95 no other reasons
3055 .

ds3b_1mo reason not complete, specify -modified

type: string (str174), but longest is str87
unique values: 46 missing "": 3778/3832
examples: ""
""
""
""

ds3b_1mo:
1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds3a_2 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 10 missing .: 3091/3832

tabulation:	Freq.	Numeric	Label
	5	-2	don't know
	110	1	parent/caregiver refusal
	24	2	child would not respondent
	6	4	child not understand task
	11	5	child's language problem
	5	6	child's emotional condition
	1	7	child's physical condition
	7	8	child tired
	56	9	other, specify
	516	95	no other reasons
	3091	.	.

ds3b_2mo reason not complete, specify -modified

type: string (str113), but longest is str56
unique values: 3 missing "": 3829/3832

tabulation:	Freq.	Value
	3829	"
	1	"Child Health Problem"
	1	"FAMILY MOVED TO [recoded to remote region of U.S.], NEEDED RUSSIAN FI, NOT ABLE TO LOCATE RUSS FI IN TIME ALLOTTED"
	1	"INCENTIVE OFFERED FOR COMPLETION OF CHILD, BUT VERY LATE"

ds3b_2mo:

1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds3a_3 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 11 missing .: 3607/3832

tabulation:	Freq.	Numeric	Label
	5	-2	don't know
	81	1	parent/caregiver refusal
	11	2	child would not respond
	2	3	major interruption caused end
	2	4	child not understand task
	3	5	child's language problem
	2	6	child's emotional condition
	2	7	child's physical condition
	3	8	child tired
	20	9	other, specify
	94	95	no other reasons
	3607	.	.

ds3b_3mo reason not complete, specify -modified

type: string (str119), but longest is str78
unique values: 13 missing "": 3812/3832

tabulation:	Freq.	Value
	3812	"
	1	"Brother distracted - he wanted to play with him."
	1	"Mother said she does not want R to participate. He gets very stressed when he has to answer questions, cannot sit still"
	8	"PARENTAL REFUSAL"
	1	"SHE IS ONLY 3 YRS OLD AND SEEMED TOOL SLEEPY, TOO YOUNG"
	1	"CHILD UNABLE TO RESPOND ANY QUESTIONS."
	1	"child very shy"
	1	"family moved refused to provide new address & phone via gatekeeper at this time"
	1	"initially thought child could and would respond in english. child did not."
	1	"parent feels child is too young is very shy"
	1	"parents claim child too busy with school & activities"
	1	"parents do not have time for in person child assessments"
	1	"parents say children too busy with school & activities"
	1	"unlocat4eable"

ds3b_3mo:

1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds3a_4 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 8 missing .: 3701/3832

tabulation:	Freq.	Numeric	Label
	4	-2	don't know
	66	1	parent/caregiver refusal
	7	2	child would not respondent
	1	5	child's language problem
	1	6	child's emotional condition
	1	8	child tired
	8	9	other, specify
	43	95	no other reasons
	3701	.	.

ds3b_4mo reason not complete, specify -modified

type: string (str55)
unique values: 5 missing "": 3824/3832

tabulation:	Freq.	Value
	3824	"
	4	"PARENTAL REFUSAL"
	1	"R PARENT REFUSED TO CHILD TO BE INTERVIEW"
	1	"mother and father refused 2 fis--"
	1	"parents feel 3 yr old child is too young to be assessed"
	1	"parents refuse"

ds3b_4mo:

1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds3a_5 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 8 missing .: 3744/3832

tabulation:	Freq.	Numeric	Label
	4	-2	don't know
	55	1	parent/caregiver refusal
	4	2	child would not respondent
	1	4	child not understand task
	1	5	child's language problem
	2	8	child tired
	7	9	other, specify
	14	95	no other reasons
	3744	.	.

ds3b_5mo reason not complete, specify -modified

type: string (str55)
unique values: 4 missing "": 3825/3832

tabulation:	Freq.	Value
	3825	"
	1	"Child R has Downs Syndrome and is limited verbally."
	1	"Child expressed to mother that he do not want to do it."
	1	"PARENT REFUSED TO INTERVIEW THE CHILD"
	4	"PARENTAL REFUSAL"

ds3b_5mo:

1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds3a_6 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 8 missing .: 3758/3832

tabulation:	Freq.	Numeric	Label
	5	-2	don't know
	39	1	parent/caregiver refusal
	5	2	child would not respondent
	1	3	major interruption caused end
	2	5	child's language problem
	1	8	child tired
	9	9	other, specify
	12	95	no other reasons
	3758	.	.

ds3b_6mo reason not complete, specify -modified

type: string (str21)
unique values: 5 missing "": 3823/3832

tabulation:	Freq.	Value
	3823	"
	5	"PARENTAL REFUSAL"
	1	"PARENTAL REFUSED"
	1	"child is 13 years old"
	1	"parebt refuse"
	1	"parent refuseal"

ds3b_6mo:

1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds3a_7 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 8 missing .: 3770/3832

tabulation:	Freq.	Numeric	Label
	4	-2	don't know
	37	1	parent/caregiver refusal
	3	2	child would not respondent
	2	4	child not understand task
	1	5	child's language problem
	1	6	child's emotional condition
	5	9	other, specify
	9	95	no other reasons
	3770	.	

ds3b_7mo reason not complete, specify -modified

type: string (str35)
unique values: 4 missing "": 3827/3832

tabulation:	Freq.	Value
	3827	"
	1	"Father said no. Child is to young."
	1	"PARENATL REFUSAL"
	1	"PARENTAL REFUSAL"
	2	"PARENTS REFUSED"

ds3b_7mo:
1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds3a_8 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 8 missing .: 3779/3832

tabulation:	Freq.	Numeric	Label
	4	-2	don't know
	26	1	parent/caregiver refusal
	2	2	child would not respondent
	2	3	major interruption caused end
	1	4	child not understand task
	1	7	child's physical condition
	8	9	other, specify
	9	95	no other reasons
	3779	.	

ds3b_8mo reason not complete, specify -modified

type: string (str53)
unique values: 4 missing "": 3824/3832
tabulation: Freq. Value
3824 ""
1 "Child was out of control and parent
tried to control."
5 "PARENTAL REFUSAL"
1 "PARENTS REFUSED"
1 "refuse"

ds3b_8mo:
1. names removed from text responses, countries/languages replaced with
region/language group as necessary

ds3a_9 reason not complete

type: numeric (byte)
label: reason
range: [-2,95] units: 1
unique values: 7 missing .: 3788/3832
tabulation: Freq. Numeric Label
3 -2 don't know
27 1 parent/caregiver refusal
2 2 child would not respondent
1 6 child's emotional condition
3 8 child tired
5 9 other, specify
3 95 no other reasons
3788 .

ds3b_9mo reason not complete, specify -modified

type: string (str16)
unique values: 3 missing "": 3827/3832
tabulation: Freq. Value
3827 ""
3 "PARENTAL REFUSAL"
1 "PARENTS REFUSED"
1 "parents refusal"

ds3b_9mo:
1. names removed from text responses, countries/languages replaced with
region/language group as necessary

ds3a_10 reason not complete

type: numeric (byte)
label: reason

range: [-2,95] units: 1
unique values: 7 missing .: 3791/3832

tabulation:

Freq.	Numeric	Label
1	-2	don't know
26	1	parent/caregiver refusal
1	2	child would not respondent
1	4	child not understand task
1	6	child's emotional condition
3	9	other, specify
8	95	no other reasons
3791	.	

ds3b_10mo reason not complete, specify -modified

type: string (str16)

unique values: 2 missing "": 3829/3832

tabulation:

Freq.	Value
3829	"
2	"PARENTAL REFUSAL"
1	"PARENTS REFUSED"

ds3b_10mo:
1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds4mo info on admin -modified

type: string (str198), but longest is str100

unique values: 2103 missing "": 121/3832

examples: "NA"
"Test administered ok"
"it went smooth"
"none very young"

ds4mo:
1. names removed from text responses, countries/languages replaced with region/language group as necessary

ds5mo info on situation -modified

type: string (str198), but longest is str100
unique values: 2180 missing "": 121/3832
examples: "NONE"
"The mother was present, who doesn't speak much English and the child would follow her if she tried to leave the room. I'm waiting for her sister to finish the Woodcock-J."
"many people in room"
"normal"

ds5mo:
1. names removed from text responses, countries/languages replaced with region/language group as necessary

endtime end time

type: string (str5)
unique values: 917 missing "": 0/3832
examples: "11:50"
"14:45"
"16:44"
"18:47"

enddate end date

type: string (str10)
unique values: 328 missing "": 0/3832
examples: "11/16/2003"
"2/29/2004"
"4/15/2004"
"7/11/2003"

fi_id interviewer ID number

type: string (str3)
unique values: 181 missing "": 0/3832
examples: "151"
"207"
"265"
"323"

niswgtsampl Sampling weight

type: numeric (float)

range: [.23602062,2.5823875] units: 1.000e-08
unique values: 32 missing .: 0/3832

tabulation:

Freq.	Value
23	.23602062
73	.2414362
51	.2756646
43	.32041535
18	.3255088
49	.32864949
31	.35605043
76	.3565242
54	.37241024
63	.38723034
88	.39542305
88	.44192621
75	.45099288
23	.46146971
39	.49351123
32	.54470611
277	.69191045
126	.81567532
131	.93785936
279	.95846975
283	1.0246474
247	1.0543602
64	1.1122736
222	1.1640489
257	1.4126899
33	1.8297697
35	1.8611708
70	1.9984658
73	2.1640053
56	2.2542331
93	2.3238416
84	2.5823874