



LEADERSHIP FOR LITERACY

Codebook for dataset:

func_oct_clean.dta

The related instrument is

functionality_oct_instrument.pdf

Name of study:

Leadership for literacy or officially “Succeeding Against the Odds: Understanding resilience and exceptionalism in high-functioning township and rural primary schools in South Africa”.

Funder:

Economic and Social Research Council [grant ES/N01023X/1]

Principal Investigator:

Servaas van der Berg

Study period:

May 2016 - November 2018

Data submission:

February 2019



schoolid **UNIQUE school identifier**

```

type: numeric (long)
label: schoolid, but label does not exist

range: [100,6100]           units: 100
unique values: 60           missing .: 0/60

mean: 3131.67
std. dev: 1772.82

percentiles:      10%      25%      50%      75%      90%
                  650      1650     3150     4650     5550
    
```

barcode **(unlabeled)**

```

type: numeric (long)

range: [15715,63750]       units: 1
unique values: 60         missing .: 0/60

mean: 36527.5
std. dev: 12761.5

percentiles:      10%      25%      50%      75%      90%
                  20275.5  27059.5  33760    46048    56007
    
```

province **(unlabeled)**

```

type: string (str3)

unique values: 3           missing "": 0/60

tabulation:  Freq.  Value
              21   "GP"
              21   "KZN"
              18   "LP"
    
```

f_fullservice **1_1 Is this a full service school?**

```

type: numeric (byte)
label: YesNo

range: [0,1]           units: 1
unique values: 2       missing .: 3/60

tabulation:  Freq.  Numeric  Label
              44     0      No
              13     1      Yes
               3     .
    
```

f_nclassrooms **1_2 How many classrooms (incl. Gr. R) in this school in total?**

```

type: numeric (byte)

range: [8,36]           units: 1
unique values: 21       missing .: 0/60

mean: 19.25
std. dev: 8.45652
    
```

percentiles: 10% 25% 50% 75% 90%
 8 10 18.5 25 31.5

f_feedingwhen 2_1 Time school feeding related activities start for grade 6?

type: numeric (byte)
 label: **f_feedingwhen1**

range: [0,2] units: 1
 unique values: 3 missing .: 0/60

tabulation: Freq. Numeric Label
 1 0 No school feeding took place
 6 1 Before the start of the
 scheduled tea/ lunch break
 53 2 At the start of the tea/lunch
 break

f_learnerprompt 2_2 How many learners returned promptly to class after break-time?

type: numeric (byte)
 label: **learnerprompt**

range: [0,4] units: 1
 unique values: 5 missing .: 0/60

tabulation: Freq. Numeric Label
 3 0 Very few
 4 1 A few
 39 2 Most of them
 13 3 All of them
 1 4 Don't know

f_teacherprompt 2_3 How many teachers returned promptly to class after break-time?

type: numeric (byte)
 label: **learnerprompt**

range: [0,4] units: 1
 unique values: 5 missing .: 0/60

tabulation: Freq. Numeric Label
 2 0 Very few
 1 1 A few
 38 2 Most of them
 17 3 All of them
 2 4 Don't know

f_listen2 3_12 In how many classes, learners seemed to be listening or working?

type: numeric (byte)
 label: **f_listen21**

range: [0,4] units: 1
 unique values: 5 missing .: 0/60

tabulation: Freq. Numeric Label
 1 0 None
 1 1 Very few
 5 2 A few
 49 3 Most of them
 4 4 All of them

f_posters1 **4_1 How many posters promoting reading around the school?**

type: numeric (**byte**)
 label: **f_posters11**

range: [0,4] units: 1
 unique values: 5 missing .: 0/60

tabulation: Freq. Numeric Label

39	0	None
11	1	One or two
6	2	A few
3	3	Several
1	4	Many

f_posters2 **4_2 Are posters/displays about reading vibrant?**

type: numeric (**byte**)
 label: **f_posters21**

range: [0,1] units: 1
 unique values: 2 missing .: 1/60

tabulation: Freq. Numeric Label

42	0	No
17	1	Yes
1	.	.

f_posters4 **4_3 Are posters/displays about reading up-to-date?**

type: numeric (**byte**)
 label: **f_posters41**

range: [0,1] units: 1
 unique values: 2 missing .: 3/60

tabulation: Freq. Numeric Label

46	0	No
11	1	Yes
3	.	.

f_readperiod2 **5_1 EVIDENCE: Timetable includes a school-wide reading period**

type: numeric (**byte**)
 label: **f_readperiod21**

range: [0,2] units: 1
 unique values: 3 missing .: 0/60

tabulation: Freq. Numeric Label

38	0	No
20	1	Yes
2	2	Not sure

f_readdays **5_2 EVIDENCE: No. DAYS/WEEK school-wide reading period scheduled in timetable?**

type: numeric (**byte**)
 label: **f_readdays1**, but 5 nonmissing values are not labeled

```

        range: [0,5]                units: 1
unique values: 6                    missing .: 1/60

    tabulation: Freq.  Numeric  Label
                40      0      N.A. no reading period
                6       1      timetabled for the school.
                1       2
                3       3
                2       4
                7       5
                1       .
    
```

f_readperiod3 **5_3 EVIDENCE: Length of reading period each DAY?**

```

        type: numeric (byte)
        label: f_readperiod31

        range: [0,5]                units: 1
unique values: 5                    missing .: 1/60

    tabulation: Freq.  Numeric  Label
                39      0      N.A. no reading period
                1       1      timetabled for the school.
                5       2      1-10 mins
                12      4      11-15 mins
                2       5      21-30 minutes
                1       .      31-60 mins
    
```

f_library1 **6_1 Does this school have a library?**

```

        type: numeric (byte)
        label: f_library11

        range: [0,1]                units: 1
unique values: 2                    missing .: 0/60

    tabulation: Freq.  Numeric  Label
                26      0      No
                34      1      Yes
    
```

f_library2 **6_2 Does time-table show dedicated periods to visit school library?**

```

        type: numeric (byte)
        label: f_library21

        range: [0,1]                units: 1
unique values: 2                    missing .: 1/60

    tabulation: Freq.  Numeric  Label
                52      0      No
                7       1      Yes
                1       .
    
```

f_library3 **6_3 How many books are there in the library?**

```

        type: numeric (byte)
        label: f_library31

        range: [0,8]                units: 1
unique values: 7                    missing .: 1/60
    
```

tabulation:	Freq.	Numeric	Label
	27	0	N.A. NO school library
	1	3	101-300
	6	4	301-500
	7	5	501-1000
	2	6	1001-2000
	8	7	2000-5000
	8	8	More than 5000
	1	.	

na_nano **6_4_0. Genres in library: N.A. NO school library**

type: numeric (**byte**)
 label: **YesNo**

range: [0,1] units: 1
 unique values: 2 missing .: 0/60

tabulation:	Freq.	Numeric	Label
	33	0	No
	27	1	Yes

na_graded **6_4_1. Genres in library: Graded readers**

type: numeric (**byte**)

range: [0,1] units: 1
 unique values: 2 missing .: 0/60

tabulation:	Freq.	Value
	38	0
	22	1

na_readers **6_4_2. Genres in library: Readers**

type: numeric (**byte**)
 label: **YesNo**

range: [0,1] units: 1
 unique values: 2 missing .: 0/60

tabulation:	Freq.	Numeric	Label
	31	0	No
	29	1	Yes

na_novels **6_4_3. Genres in library: Novels**

type: numeric (**byte**)
 label: **YesNo**

range: [0,1] units: 1
 unique values: 2 missing .: 0/60

tabulation:	Freq.	Numeric	Label
	39	0	No
	21	1	Yes

na_nonfic **6_4_4. Genres in library: Non-fiction**

type: numeric (**byte**)
 label: **YesNo**

range: [0,1] units: 1
 unique values: 2 missing .: 0/60
 tabulation: Freq. Numeric Label
 36 0 No
 24 1 Yes

na_magazin **6_4_5.Genres in library:Magazines**

type: numeric (byte)
 label: **YesNo**
 range: [0,1] units: 1
 unique values: 2 missing .: 0/60
 tabulation: Freq. Numeric Label
 55 0 No
 5 1 Yes

na_newspap **6_4_6.Genres in library:Newspapers**

type: numeric (byte)
 label: **YesNo**
 range: [0,1] units: 1
 unique values: 2 missing .: 0/60
 tabulation: Freq. Numeric Label
 54 0 No
 6 1 Yes

f_library5 **6_5 Did you actually see learners using the library?**

type: numeric (byte)
 label: **f_library51**
 range: [0,2] units: 1
 unique values: 3 missing .: 0/60
 tabulation: Freq. Numeric Label
 27 0 N.A. No school library
 25 1 No
 8 2 Yes

f_library51 **Sorting system in library**

type: numeric (byte)
 label: **library_sort**
 range: [0,2] units: 1
 unique values: 3 missing .: 0/60
 tabulation: Freq. Numeric Label
 27 0 N.A. NO school library
 25 1 Not sorted. Randomly positioned.
 8 2 Some sorting into categories,
 genres, ages or languages.

f_learnertoiletclean **7_1 How clean or dirty are the learner toilets?**

```

type: numeric (byte)
label: f_learntoiletclean1

range: [1,5] units: 1
unique values: 5 missing .: 0/60

tabulation: Freq. Numeric Label
             6         1 Extremely dirty
             15        2 Very dirty
             15        3 A little dirty
             18        4 Clean
             6         5 Very clean
    
```

f_stafftoiletclean **7_2 How clean or dirty are the staff toilets?**

```

type: numeric (byte)
label: f_stafftoiletclean1

range: [0,5] units: 1
unique values: 5 missing .: 0/60

tabulation: Freq. Numeric Label
             1         0 N.A. None at school.
             2         2 Very dirty
             7         3 A little dirty
            27         4 Clean
            23         5 Very clean
    
```

f_flusttoiletwork **7_3 How many flush learner toilets are in working order?**

```

type: numeric (byte)
label: f_flusttoiletwork1

range: [0,5] units: 1
unique values: 6 missing .: 1/60

tabulation: Freq. Numeric Label
            26         0 N.A. No flush toilets.
             5         1 None
             3         2 Very few
             2         3 A few
            18         4 Most of them
             5         5 All of them
             1         .
    
```

f_gardens **7_4 How maintained are the gardens?**

```

type: numeric (byte)
label: f_gardens1

range: [0,3] units: 1
unique values: 4 missing .: 1/60

tabulation: Freq. Numeric Label
            18         0 N.A. No garden area at school.
             5         1 Not maintained
            24         2 Acceptably maintained
            12         3 Well-maintained
             1         .
    
```

f_buildings **7_5 Condition of general buildings?**

```

    type: numeric (byte)
    label: buildings

    range: [1,4]
    unique values: 4
                                units: 1
                                missing .. 1/60

    tabulation: Freq.  Numeric  Label
                 1         1  Terrible condition
                 5         2  Poor condition
                39         3  Acceptable condition, but could
                             be improved.
                14         4  Excellent condition. No need for
                             improvement
                 1         .

```

f_fence **7_6 Condition of the perimeter fence?**

```

    type: numeric (byte)
    label: buildings

    range: [0,4]
    unique values: 5
                                units: 1
                                missing .. 0/60

    tabulation: Freq.  Numeric  Label
                 1         0  N.A. None at school.
                 1         1  Terrible condition
                 8         2  Poor condition
                31         3  Acceptable condition, but could
                             be improved.
                19         4  Excellent condition. No need for
                             improvement

```

f_playground **7_7 Condition of the playground/s?**

```

    type: numeric (byte)
    label: buildings

    range: [0,4]
    unique values: 5
                                units: 1
                                missing .. 1/60

    tabulation: Freq.  Numeric  Label
                 9         0  N.A. None at school.
                 1         1  Terrible condition
                14         2  Poor condition
                28         3  Acceptable condition, but could
                             be improved.
                 7         4  Excellent condition. No need for
                             improvement
                 1         .

```

f_dayend **8_1 How does the academic school day end for grade 6?**

```

    type: numeric (byte)
    label: f_dayendl

    range: [0,1]
    unique values: 2
                                units: 1
                                missing .. 0/60

    tabulation: Freq.  Numeric  Label
                 51         0  Clear end point when everyone
                             leaves/ starts other activities
                             like sport, music
                 9         1  No clear end point: teachers or
                             learners leave at haphazard
                             times

```


range: [0,3] units: 1
 unique values: 4 missing .. 0/60

tabulation:	Freq.	Numeric	Label
	4	0	Definitely not
	34	1	No
	17	2	Yes
	5	3	Yes, definitely

f_check2a 3_7 A. TOTAL classrooms: Teacher is PRESENT & IS-TEACHING students

type: numeric (byte)

range: [0,36] units: 1
 unique values: 19 missing .. 0/60

mean: 8.6
 std. dev: 5.65146

percentiles:	10%	25%	50%	75%	90%
	3	5	8	11	14

f_check2b 3_8 B. TOTAL classrooms: Teacher is PRESENT, NOT-TEACHING, students are ENGAGED

type: numeric (byte)

range: [0,17] units: 1
 unique values: 15 missing .. 0/60

mean: 5.28333
 std. dev: 4.45349

percentiles:	10%	25%	50%	75%	90%
	0	2	4	9	12

f_check2c 3_9 C. TOTAL classrooms: Teacher is PRESENT, NOT-TEACHING, students NOT-ENGAGED

type: numeric (byte)

range: [0,5] units: 1
 unique values: 6 missing .. 0/60

tabulation:	Freq.	Value
	23	0
	13	1
	12	2
	8	3
	1	4
	3	5

f_check2d 3_10 D. TOTAL classrooms: ABSENT teacher, students in the classroom.

type: numeric (byte)

range: [0,8] units: 1
 unique values: 8 missing .. 0/60

```
tabulation:  Freq.  Value
              16    0
              19    1
              9     2
              6     3
              2     4
              4     5
              3     6
              1     8
```

f_check2e

3_11 E. TOTAL classrooms NOT UTILISED at all (no students in it) at time of walk

```
type: numeric (byte)
range: [0,11]          units: 1
unique values: 9       missing .: 0/60
```

```
tabulation:  Freq.  Value
              23    0
              14    1
              8     2
              5     3
              3     4
              2     5
              1     6
              2     7
              2    11
```