



# 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



UNIVERSITEIT  
STELLENBOSCH  
UNIVERSITY



Research jointly supported by the ESRC and DFID




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<b>schoolid</b>	<b>UNIQUE school identifier</b>
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---

```

      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

```

---

<b>barcode</b>	<b>(unlabeled)</b>
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---

```

      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

```

---

<b>province</b>	<b>(unlabeled)</b>
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---

```

      type:  string (str3)

unique values: 3                      missing "":  0/60

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

```

---

<b>f_fullservice</b>	<b>1_1 Is this a full service school?</b>
----------------------	-------------------------------------------

---

```

      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      .

```

---

<b>f_nclassrooms</b>	<b>1_2 How many classrooms (incl. Gr. R) in this school in total?</b>
----------------------	-----------------------------------------------------------------------

---

```

      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

---

<b>f_feedingwhen</b>	<b>2_1 Time school feeding related activities start for grade 6?</b>
----------------------	----------------------------------------------------------------------

---

```

      type: numeric (byte)
      label: f_feedingwhen1

      range: [0,2]
unique values: 3
                        units: 1
                        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

```

---

<b>f_learnerprompt</b>	<b>2_2 How many learners returned promptly to class after break-time?</b>
------------------------	---------------------------------------------------------------------------

---

```

      type: numeric (byte)
      label: learnerprompt

      range: [0,4]
unique values: 5
                        units: 1
                        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

```

---

<b>f_teacherprompt</b>	<b>2_3 How many teachers returned promptly to class after break-time?</b>
------------------------	---------------------------------------------------------------------------

---

```

      type: numeric (byte)
      label: learnerprompt

      range: [0,4]
unique values: 5
                        units: 1
                        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

```

---

<b>f_listen2</b>	<b>3_12 In how many classes, learners seemed to be listening or working?</b>
------------------	------------------------------------------------------------------------------

---

```

      type: numeric (byte)
      label: f_listen21

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

---

<b>na_nano</b>	<b>6_4_0. Genres in library: N.A. NO school library</b>
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---

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

---

<b>na_graded</b>	<b>6_4_1. Genres in library: Graded readers</b>
------------------	-------------------------------------------------

---

type:	numeric (byte)	
range:	[0,1]	units: 1
unique values:	2	missing .: 0/60

  

tabulation:	Freq.	Value
	38	0
	22	1

---

<b>na_readers</b>	<b>6_4_2. Genres in library: Readers</b>
-------------------	------------------------------------------

---

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

---

<b>na_novels</b>	<b>6_4_3. Genres in library: Novels</b>
------------------	-----------------------------------------

---

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

---

<b>na_nonfic</b>	<b>6_4_4. Genres in library: Non-fiction</b>
------------------	----------------------------------------------

---

type:	numeric (byte)
label:	YesNo

```

range: [0,1]
unique values: 2
units: 1
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]
unique values: 2
units: 1
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]
unique values: 2
units: 1
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]
unique values: 3
units: 1
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]
unique values: 3
units: 1
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_learnertoiletclean1

      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         .

```

---

<b>f_fence</b>	<b>7_6 Condition of the perimeter fence?</b>
----------------	----------------------------------------------

---

```

      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

```

---

<b>f_playground</b>	<b>7_7 Condition of the playground/s?</b>
---------------------	-------------------------------------------

---

```

      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         .

```

---

<b>f_dayend</b>	<b>8_1 How does the academic school day end for grade 6?</b>
-----------------	--------------------------------------------------------------

---

```

      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

```

---

**f\_disruptiona**  
**8\_3 Was teaching disrupted by some event (e.g. sports, meeting, memorial, etc.)?**

---

type: numeric (byte)  
label: **f\_disruptiona**

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

tabulation: Freq. Numeric Label  
53 0 No  
7 1 Yes

---

**f\_smtcooperative** **8\_5 How co-operative was the SMT to researchers on days of visit?**

---

type: numeric (byte)  
label: **f\_smtcooperative**

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

tabulation: Freq. Numeric Label  
2 0 Very unco-operative  
1 1 unco-operative  
5 2 Somewhat co-operative  
52 3 Very co-operative

---

**f\_smtleavea** **8\_6 a. Did any of the SMT have to leave school during the day**

---

type: numeric (byte)  
label: **f\_smtleavea**

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

tabulation: Freq. Numeric Label  
20 0 Yes  
39 1 No  
1 2 Don't know

---

**f\_absentsmt1** **8\_7\_1 a. Staff absent: Principal**

---

type: numeric (byte)  
label: **f\_absentsmt1**

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

tabulation: Freq. Numeric Label  
58 0 No  
2 1 Yes

---

**f\_absentsmt2** **8\_7\_2 b. Staff absent: A deputy principal**

---

type: numeric (byte)  
label: **f\_absentsmt2**

range: [0,1] units: 1  
unique values: 2 missing.: 9/60

tabulation:	Freq.	Numeric	Label
	<b>47</b>	<b>0</b>	No
	<b>4</b>	<b>1</b>	Yes
	<b>9</b>	.	

---

**f\_absentsmt3**                      **8\_7\_3 c. Staff absent: A grade 3 teacher of tested class**

---

type: numeric (**byte**)  
label: **f\_absentsmt31**

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

tabulation:	Freq.	Numeric	Label
	<b>58</b>	<b>0</b>	No
	<b>2</b>	<b>1</b>	Yes

---

**f\_absentsmt4**                      **8\_7\_4 d. Staff absent: Grade 6 English teacher of tested class**

---

type: numeric (**byte**)  
label: **f\_absentsmt41**

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

tabulation:	Freq.	Numeric	Label
	<b>57</b>	<b>0</b>	No
	<b>3</b>	<b>1</b>	Yes

---

**f\_outside**                      **8\_8 During class, how many learners were outside of classrooms?**

---

type: numeric (**byte**)  
label: **f\_outsidel**

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

tabulation:	Freq.	Numeric	Label
	<b>7</b>	<b>0</b>	None
	<b>45</b>	<b>1</b>	One or two
	<b>7</b>	<b>2</b>	Several many
	<b>1</b>	<b>3</b>	Don't know

---

**f\_rain**                      **8\_9 Did it rain on the day of the visit?**

---

type: numeric (**byte**)  
label: **f\_rain1**

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

tabulation:	Freq.	Numeric	Label
	<b>55</b>	<b>0</b>	No
	<b>2</b>	<b>1</b>	Yes, light drizzle
	<b>3</b>	<b>2</b>	Yes, more than a drizzle

---

**f\_sendyourchild**                      **8\_10 If interviewer had a child, would he/she send child to this school?**

---

type: numeric (**byte**)  
label: **f\_sendyourchild1**

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]
unique values:  9
units:  1
missing .:  0/60
    
```

```

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