



# LEADERSHIP FOR LITERACY

## ***Codebook for dataset:***

*func\_feb\_clean.dta*

*The related instrument is*

*functionality\_feb\_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: 61           missing .: 0/61

mean: 3100
std. dev: 1775.29

percentiles:      10%      25%      50%      75%      90%
                  700      1600     3100     4600     5500
    
```

---

**barcode** **(unlabeled)**

---

```

type: numeric (long)

range: [17145,65523]       units: 1
unique values: 61         missing .: 0/61

mean: 41939.7
std. dev: 14234.9

percentiles:      10%      25%      50%      75%      90%
                  19743    30204    45120    52100    58489
    
```

---

**province** **(unlabeled)**

---

```

type: string (str3)

unique values: 3           missing "": 0/61

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

---

**f\_neduc** **2\_1 How many educators are there in the school?**

---

```

type: numeric (byte)

range: [5,52]           units: 1
unique values: 32       missing .: 2/61

mean: 21.4237
std. dev: 11.2911

percentiles:      10%      25%      50%      75%      90%
                  8        11       21       28       37
    
```

---

**f\_nclassrooms** **2\_2 How many classrooms (including Gr. R) in this school in total?**

---

```

type: numeric (byte)

range: [7,36]           units: 1
unique values: 27       missing .: 4/61

mean: 18.1754
std. dev: 8.27242
    
```



```

type: string (str11)
unique values: 22           missing "": 5/61
examples: "10:00"
          "10:30-11:00"
          "12:10"
          "997"
    
```

**f\_small6min**                      **2\_8 c. How long in MINUTES is small/tea break for grade 6?**

```

type: numeric (byte)
range: [10,97]           units: 1
unique values: 7         missing .: 5/61

tabulation: Freq. Value
             7  10
             11 15
              1 18
              6 20
             10 30
              6 45
             15 97
              5  .
    
```

**f\_big3yn**                        **2\_9 a. Does the school have a big/lunch break for grade 3?**

```

type: numeric (byte)
label: f_big3yn1
range: [0,1]           units: 1
unique values: 2       missing .: 0/61

tabulation: Freq. Numeric Label
             48         0 Yes
             13         1 No
    
```

**f\_big3start**                    **2\_10 b. Time big/lunch break for grade 3 starts**

```

type: string (str13)
unique values: 23       missing "": 3/61
examples: "10:00"
          "11:40"
          "12:30"
          "997"

warning: variable has embedded blanks
    
```

**f\_big3min**                        **2\_11 c. How long in MINUTES is lunch/big break for grade 3?**

```

type: numeric (int)
range: [15,997]       units: 1
unique values: 11     missing .: 4/61

mean: 63.386
std. dev: 128.904

percentiles:      10%      25%      50%      75%      90%
                  27       30       30       60       97
    
```



```

tabulation:  Freq.  Numeric  Label
              45      0      Yes
              16      1      No
    
```

**f\_feedingtime**  
**2\_17 b. School feeding scheduled to take place at a time different from tea/lunc**

```

type:  numeric (byte)
label:  f_feedingtime1

range:  [0,1]          units:  1
unique values:  2      missing .:  2/61
    
```

```

tabulation:  Freq.  Numeric  Label
              9      0      Yes
              50     1      No
              2      .
    
```

**f\_feedingstart** **2\_18 c. Time school feeding starts, if not during tea or lunch break?**

```

type:  string (str59)

unique values:  10      missing "":  12/61

examples:  ""
           "997"
           "997"
           "997"

warning:  variable has embedded blanks
    
```

**f\_comments1** **2\_19 Any further comments on breaks and school feeding?**

```

type:  string (str114)

unique values:  15      missing "":  46/61

examples:  ""
           ""
           ""
           "Children have soft porridge before school starts"

warning:  variable has embedded blanks
    
```

**f\_check1time** **3\_1 Time fieldworker started this walk around? (in HH:MM)**

```

type:  string (str6)

unique values:  33      missing "":  7/61

examples:  "7:55"
           "8:20"
           "8:45"
           "9:10"

warning:  variable has embedded blanks
    
```

**f\_check1atally**  
**3\_2 A. TALLY classrooms before 9.30am: Teacher is PRESENT & IS-TEACHING students**

```

type:  numeric (byte)
    
```

```

        range: [1,20]                units: 1
unique values: 19                    missing .: 3/61

        mean: 8.31034
        std. dev: 5.49068

percentiles:      10%      25%      50%      75%      90%
                  2        4        6.5      13       17
    
```

**f\_check1btally**  
**3\_3 B. TALLY classrooms before 9.30am: Teacher is PRESENT, NOT-TEACHING, student**

```

        type: numeric (byte)

        range: [0,20]                units: 1
unique values: 15                    missing .: 6/61

        mean: 5.78182
        std. dev: 4.22817

percentiles:      10%      25%      50%      75%      90%
                  1        2        5        9       11
    
```

**f\_check1ctally**  
**3\_4 C. TALLY classrooms before 9.30am: Teacher is PRESENT, NOT-TEACHING, student**

```

        type: numeric (byte)

        range: [0,5]                units: 1
unique values: 6                    missing .: 15/61

tabulation:  Freq.  Value
              20    0
              13    1
               6    2
               3    3
               2    4
               2    5
              15    .
    
```

**f\_check1dtally**  
**3\_5 D. TALLY classrooms before 9.30am: ABSENT teacher, students in classroom**

```

        type: numeric (byte)

        range: [0,6]                units: 1
unique values: 7                    missing .: 11/61

tabulation:  Freq.  Value
              11    0
              16    1
              11    2
               6    3
               2    4
               3    5
               1    6
              11    .
    
```

**f\_check1etally**  
**3\_6 E. TALLY classrooms before 9.30am: Classroom NOT UTILISED at all (i.e. no st**

```

        type: numeric (byte)
    
```

range: [0,11] units: 1  
 unique values: 9 missing .: 7/61

tabulation:

Freq.	Value
19	0
14	1
6	2
6	3
2	4
4	5
1	8
1	9
1	11
7	.

**f\_check1a**  
**3\_7 A. TOTAL classrooms before 9.30am: Teacher is PRESENT & IS-TEACHING students**

type: numeric (byte)  
 range: [1,20] units: 1  
 unique values: 20 missing .: 0/61  
 mean: 8.04918  
 std. dev: 5.37409  
 percentiles: 10% 25% 50% 75% 90%  
                   2       4       6       11      16

**f\_check1b**  
**3\_8 B. TOTAL classrooms before 9.30am: Teacher is PRESENT, NOT-TEACHING, studen**

type: numeric (byte)  
 range: [0,20] units: 1  
 unique values: 15 missing .: 0/61  
 mean: 5.59016  
 std. dev: 4.3335  
 percentiles: 10% 25% 50% 75% 90%  
                   1       2       5       9      11

**f\_check1c**  
**3\_9 C. TOTAL classrooms before 9.30am: Teacher is PRESENT, NOT-TEACHING, studen**

type: numeric (byte)  
 range: [0,6] units: 1  
 unique values: 7 missing .: 0/61  
 tabulation:

Freq.	Value
33	0
14	1
7	2
4	3
1	4
1	5
1	6

**f\_check1d**  
**3\_10 D. TOTAL classrooms before 9.30am: ABSENT teacher, students in the classroo**

type: numeric (**byte**)  
 range: [0,6] units: 1  
 unique values: 7 missing .: 0/61

tabulation:

Freq.	Value
21	0
19	1
8	2
6	3
3	4
3	5
1	6

**f\_checkle**  
**3\_11 E. TOTAL classrooms before 9.30am: NOT UTILISED at all (no students in it)**

type: numeric (**byte**)  
 range: [0,9] units: 1  
 unique values: 8 missing .: 0/61

tabulation:

Freq.	Value
23	0
17	1
7	2
5	3
2	4
3	5
2	6
2	9

**f\_listen1**      **3\_12 In how many classes did learners seem to be listening or working?**

type: numeric (**byte**)  
 label: **f\_listen11**  
 range: [1,4] units: 1  
 unique values: 4 missing .: 1/61

tabulation:

Freq.	Numeric	Label
1	1	Very few
4	2	A few
39	3	Most of them
16	4	All of them
1	.	

**f\_feedingwhen**      **4\_1 When did school feeding related activities start for grade 6s?**

type: numeric (**byte**)  
 label: **f\_feedingwhen1**  
 range: [0,1] units: 1  
 unique values: 2 missing .: 3/61

tabulation:

Freq.	Numeric	Label
4	0	Before start of scheduled tea/lunch break
54	1	At the start of tea or lunch break
3	.	

**f\_duty**      **4\_2 During break time was there any teacher on duty supervising students?**

```

type: numeric (byte)
label: f_dutyl

range: [0,2]
unique values: 3
units: 1
missing ..: 3/61

tabulation: Freq.  Numeric  Label
              25         0  Yes
              26         1  No
               7         2  Not sure
               3         .
    
```

**f\_groundarea            4\_3 How much area is there for children to play at break time?**

```

type: numeric (byte)
label: f_groundareal

range: [0,2]
unique values: 3
units: 1
missing ..: 2/61

tabulation: Freq.  Numeric  Label
              1         0  NO area at all for playing
             17         1  Area to play is not big enough
                    for the number of students
             41         2  Area for playing is big enough
                    for the number of students
               2         .
    
```

**f\_learnerprompt        4\_4 How many learners returned promptly to class after break-time?**

```

type: numeric (byte)
label: f_learnerprompt1

range: [0,3]
unique values: 4
units: 1
missing ..: 2/61

tabulation: Freq.  Numeric  Label
              1         0  Very few
               3         1  A few
             42         2  Most of them
             13         3  All of them
               2         .
    
```

**f\_teacherprompt        4\_5 How many teachers returned promptly to class after break-time?**

```

type: numeric (byte)
label: f_teacherprompt1

range: [1,3]
unique values: 3
units: 1
missing ..: 2/61

tabulation: Freq.  Numeric  Label
              3         1  A few
             37         2  Most of them
             19         3  All of them
               2         .
    
```

**f\_comments3                    4\_6 Any further comments on the questions above?**

```

type: string (str281)

unique values: 13
missing "": 48/61
    
```

examples: ""  
 ""  
 ""  
 ""

warning: variable has embedded blanks

---

**f\_check2time** **5\_1 What time did you start second walk around? (in HH:MM)**

---

type: numeric (long)  
 range: [29340,48900] units: 10  
 unique values: 34 missing .. 5/61  
 mean: 42707.1  
 std. dev: 3290.91  
 percentiles: 10% 25% 50% 75% 90%  
 39840 41400 43200 44400 45600

---

**f\_check2atally** **5\_2 A. Classroom TALLY before 12.30pm: PRESENT teacher IS-TEACHING students**

---

type: numeric (byte)  
 range: [1,25] units: 1  
 unique values: 19 missing .. 2/61  
 mean: 7.57627  
 std. dev: 5.32788  
 percentiles: 10% 25% 50% 75% 90%  
 2 4 6 10 17

---

**f\_check2btally** **5\_3 B. Classroom TALLY before 12.30pm: PRESENT teacher NOT-TEACHING, students AR**

---

type: numeric (byte)  
 range: [0,16] units: 1  
 unique values: 15 missing .. 9/61  
 mean: 6.13462  
 std. dev: 3.61386  
 percentiles: 10% 25% 50% 75% 90%  
 1 4 6 8.5 10

---

**f\_check2ctally** **5\_4 C. Classroom TALLY before 12.30pm: PRESENT teacher NOT-TEACHING, students ar**

---

type: numeric (byte)  
 range: [0,6] units: 1  
 unique values: 7 missing .. 14/61

```

tabulation:  Freq.  Value
              14    0
              9    1
              13    2
               5    3
               3    4
               2    5
               1    6
              14    .
    
```

**f\_check2dtally**  
**5\_5 D. Classroom TALLY before 12.30pm: ABSENT teacher, students in classroom**

```

type: numeric (byte)
range: [0,10]          units: 1
unique values: 8       missing .: 12/61
    
```

```

tabulation:  Freq.  Value
              13    0
              15    1
               8    2
               4    3
               4    4
               3    5
               1    8
               1   10
              12    .
    
```

**f\_check2etally**  
**5\_6 E. Classroom TALLY before 12.30pm: Classroom NOT UTILISED at all (i.e. no st**

```

type: numeric (int)
range: [0,111]        units: 1
unique values: 10     missing .: 7/61

mean: 3.72222
std. dev: 15.0288

percentiles:    10%    25%    50%    75%    90%
                0      0      1      3      5
    
```

**f\_check2a**  
**5\_7 A. TOTAL classrooms before 12.30am: Teacher is PRESENT & IS-TEACHING student**

```

type: numeric (byte)
range: [1,25]         units: 1
unique values: 19     missing .: 0/61

mean: 7.4918
std. dev: 5.04851

percentiles:    10%    25%    50%    75%    90%
                3      4      7     10     15
    
```

**f\_check2b**  
**5\_8 B. TOTAL classrooms before 12.30am: Teacher is PRESENT, NOT-TEACHING, stude**

```

type: numeric (byte)
    
```

range: [0,16] units: 1  
 unique values: 13 missing .: 0/61  
 mean: 5.16393  
 std. dev: 3.8043  
 percentiles: 10% 25% 50% 75% 90%  
 0 2 5 8 10

**f\_check2c**  
**5\_9 C. TOTAL classrooms before 12.30am: Teacher is PRESENT, NOT-TEACHING, stude**

type: numeric (byte)  
 range: [0,6] units: 1  
 unique values: 7 missing .: 0/61  
 tabulation: Freq. Value  
 26 0  
 9 1  
 14 2  
 5 3  
 3 4  
 2 5  
 2 6

**f\_check2d**  
**5\_10 D. TOTAL classrooms before 12.30am: ABSENT teacher but there are number of**

type: numeric (byte)  
 range: [0,10] units: 1  
 unique values: 8 missing .: 0/61  
 tabulation: Freq. Value  
 23 0  
 15 1  
 8 2  
 7 3  
 3 4  
 3 5  
 1 9  
 1 10

**f\_check2e** **5\_11 E. TOTAL classrooms before 12.30am: NOT UTILISED at all**

type: numeric (byte)  
 range: [0,9] units: 1  
 unique values: 10 missing .: 0/61  
 mean: 1.68852  
 std. dev: 2.20258  
 percentiles: 10% 25% 50% 75% 90%  
 0 0 1 2 5

**f\_listen2** **5\_12 In how many classes did learners seem to be listening or working?**

type: numeric (byte)  
 label: f\_listen21

range: [0,4] units: 1  
 unique values: 5 missing .: 1/61

tabulation:	Freq.	Numeric	Label
	2	0	None
	7	1	Very few
	4	2	A few
	40	3	Most of them
	7	4	All of them
	1	.	.

**f\_learntoiletclean** 6\_1 How clean or dirty are the learner toilets?

type: numeric (byte)  
 label: **f\_learntoiletclean1**

range: [1,5] units: 1  
 unique values: 5 missing .: 0/61

tabulation:	Freq.	Numeric	Label
	4	1	Extremely dirty
	8	2	Very dirty
	12	3	A little dirty
	23	4	Clean
	14	5	Very clean

**f\_stafftoiletclean** 6\_2 How clean or dirty are the staff toilets

type: numeric (byte)  
 label: **f\_stafftoiletclean1**

range: [0,5] units: 1  
 unique values: 5 missing .: 0/61

tabulation:	Freq.	Numeric	Label
	1	0	N.A. None at school.
	2	2	Very dirty
	2	3	A little dirty
	23	4	Clean
	33	5	Very clean

**f\_flusttoiletwork** 6\_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 .: 0/61

tabulation:	Freq.	Numeric	Label
	24	0	N.A. No flush toilets.
	4	1	None
	3	2	Very few
	1	3	A few
	16	4	Most of them
	13	5	All of them

**f\_gardens** 6\_4 How maintained are the gardens?

type: numeric (byte)  
 label: **f\_gardens1**

range: [0,3] units: 1  
 unique values: 4 missing : 0/61

tabulation:	Freq.	Numeric	Label
	10	0	N.A. No garden area at school.
	5	1	Not maintained
	28	2	Acceptably maintained
	18	3	Well-maintained

**f\_buildings** **6\_Condition of the general buildings?**

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

range: [0,4] units: 1  
 unique values: 5 missing : 0/61

tabulation:	Freq.	Numeric	Label
	1	0	N.A. None at school.
	5	1	Terrible condition
	3	2	Poor condition
	37	3	Acceptable condition, but could be improved.
	15	4	Excellent condition. No need for improvement

**f\_fence** **6\_6 Condition of the perimeter fence?**

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

range: [0,4] units: 1  
 unique values: 4 missing : 1/61

tabulation:	Freq.	Numeric	Label
	1	0	N.A. None at school.
	2	2	Poor condition
	39	3	Acceptable condition, but could be improved.
	18	4	Excellent condition. No need for improvement
	1	.	

**f\_playground** **6\_7 Condition of the playground/s?**

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

range: [0,4] units: 1  
 unique values: 5 missing : 0/61

tabulation:	Freq.	Numeric	Label
	2	0	N.A. None at school.
	2	1	Terrible condition
	14	2	Poor condition
	38	3	Acceptable condition, but could be improved.
	5	4	Excellent condition. No need for improvement

**f\_reception** **6\_8 How inviting/welcoming is the reception area?**

```

type: numeric (byte)
label: f_reception1

range: [0,4]
unique values: 5
units: 1
missing .: 0/61

tabulation: Freq.  Numeric  Label
              18         0  N.A. No reception area at
              1         1  Very un-inviting
              2         2  Un-inviting
              25        3  Somewhat inviting
              15        4  Very inviting
    
```

**f\_artdisplayed            6\_9 How much student art/work is displayed in hallways/reception?**

```

type: numeric (byte)
label: f_artdisplayed1

range: [0,3]
unique values: 4
units: 1
missing .: 1/61

tabulation: Freq.  Numeric  Label
              39         0  None
              15         1  A little
              3         2  Quite a lot
              3         3  A lot
              1         .
    
```

**f\_staffroom                6\_10 How would you describe the staff room in the school?**

```

type: numeric (byte)
label: f_staffroom1

range: [0,2]
unique values: 3
units: 1
missing .: 1/61

tabulation: Freq.  Numeric  Label
              14         0  N.A. None at school.
              14         1  Too small to hold meetings with
                   all staff
              32         2  Big enough to hold meetings with
                   all staff
              1         .
    
```

**f\_librarybooks            6\_11 How many books are there in the school library?**

```

type: numeric (byte)
label: f_librarybooks1

range: [0,3]
unique values: 4
units: 1
missing .: 0/61

tabulation: Freq.  Numeric  Label
              28         0  N.A. No school library in this
                   school.
              7         1  Very few books.
              21        2  Quite a few books
              5         3  Lots of books.
    
```

**f\_libraryinviting        6\_12 How inviting is the school library for young people?**

type: numeric (byte)  
 label: **f\_libraryinviting1**  
 range: [0,4] units: 1  
 unique values: 5 missing .. 1/61

tabulation:	Freq.	Numeric	Label
	28	0	N.A. No school library in this school.
	3	1	Very un-inviting
	9	2	Un-inviting
	16	3	Somewhat inviting
	4	4	Very inviting
	1	.	

**f\_photosyn 6\_13 Have you taken photos of the school grounds, buildings, library?**

type: numeric (byte)  
 label: **f\_photosyn1**  
 range: [0,1] units: 1  
 unique values: 2 missing .. 2/61

tabulation:	Freq.	Numeric	Label
	35	0	Yes
	24	1	No
	2	.	

**f\_dayend 7\_1 How does the academic school day end for grade 6?**

type: numeric (byte)  
 label: **dayend\_gr6**  
 range: [0,1] units: 1  
 unique values: 2 missing .. 2/61

tabulation:	Freq.	Numeric	Label
	48	0	Clear end point
	11	1	No clear endpoint: leave when it suits them
	2	.	

**f\_teachersleave 7\_2 What time did majority of teachers leave school today? in HH:MM**

type: numeric (long)  
 range: [45300,57600] units: 10  
 unique values: 17 missing .. 11/61  
 mean: 51901.2  
 std. dev: 2174.53  
 percentiles: 10% 25% 50% 75% 90%  
                   50400 50700 52200 53100 54000

**f\_disruptiona 7\_3 a. Was school teaching disrupted by some event?**

type: numeric (byte)  
 label: **f\_disruptional**  
 range: [0,1] units: 1  
 unique values: 2 missing .. 0/61



```

type: numeric (byte)
label: f_smtcooperativel

range: [0,3] units: 1
unique values: 3 missing .: 0/61

tabulation: Freq. Numeric Label
             54      0 Very co-operative
             5       1 Somewhat co-operative
             2       3 Very unco-operative
    
```

**f\_smtleavea**                    **7\_9 a. Did any of the SMT have to leave school during the day?**

```

type: numeric (byte)
label: f_smtleaveal

range: [0,2] units: 1
unique values: 3 missing .: 0/61

tabulation: Freq. Numeric Label
             9       0 Yes
            51      1 No
             1       2 Don't know
    
```

**f\_smtleaveb**                    **7\_10 b. Reason/s SMT members left the school during the day?**

```

type: string (str172)

unique values: 11 missing "": 50/61

examples: ""
           ""
           ""
           ""

warning: variable has embedded blanks
    
```

**f\_outside**                    **7\_11 During class, how many learners were outside of classrooms?**

```

type: numeric (byte)
label: f_outsidel

range: [0,3] units: 1
unique values: 4 missing .: 0/61

tabulation: Freq. Numeric Label
             22      0 None
             28      1 One or two
             10      2 Several many
              1      3 All
    
```

**f\_rain**                    **7\_12 Did it rain on the day of the visit?**

```

type: numeric (byte)
label: f_rainl

range: [0,3] units: 1
unique values: 4 missing .: 0/61
    
```

```

tabulation:  Freq.  Numeric  Label
              43      0      No
              8       1      Yes, light drizzle
              3       2      Yes, more than a drizzle
              7       3      Yes, pouring with rain!!
    
```

---

**f\_hot** **7\_13 How hot was it on the day of the visit?**

---

```

type: numeric (byte)
label: f_hot1

range: [0,3]          units: 1
unique values: 4      missing .: 0/61
    
```

```

tabulation:  Freq.  Numeric  Label
              22      0      Cool/cold
              31      1      Hot
              5       2      Very hot
              3       3      Extremely hot
    
```

---

**f\_sendyourchild** **7\_14 Would fieldworker be happy to send own child to this school?**

---

```

type: numeric (byte)
label: f_sendyourchild1

range: [0,3]          units: 1
unique values: 4      missing .: 0/61
    
```

```

tabulation:  Freq.  Numeric  Label
              7       0      Definitely not
              22      1      No
              27      2      Yes
              5       3      Yes, definitely
    
```