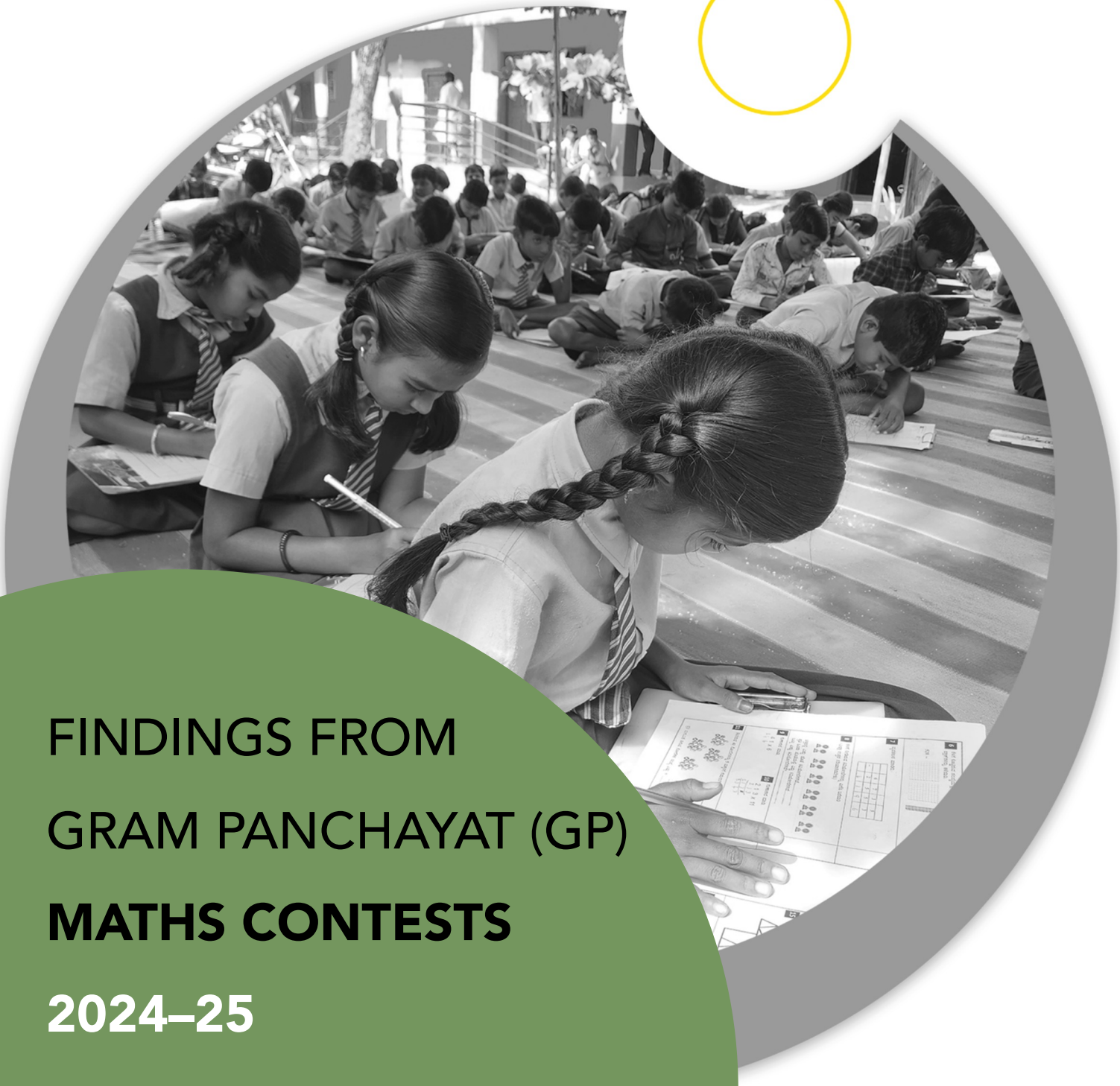
Akshara Foundation

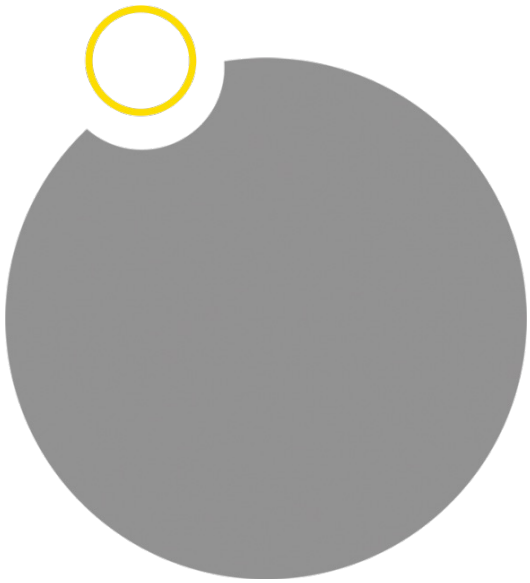
EVERY CHILD IN SCHOOL AND LEARNING WELL



FINDINGS FROM GRAM PANCHAYAT (GP) **MATHS CONTESTS** 2024–25

India's Biggest Community-led Maths Contests

– KODAGU DISTRICT – KARNATAKA



On August 30, 2024, Akshara Foundation facilitated maths contests for children in grades 4 to 6 across

100 Gram Panchayats

in Kodagu District of Karnataka.

The initiative engaged over

4,200 children

from 314 schools and aimed at understanding the learning levels of children in maths, through a community-driven approach.

Methodology

- **Thoughtful Question Design:** Question papers designed in collaboration with District Institutes of Education and Training (DIETs).

- **Grade-Appropriate Assessment:** Children from grades 4 to 6 were evaluated based on the competencies of the preceding grade.

- **Local Expertise:** Answer sheets were meticulously graded by dedicated Education Volunteers using an answer key provided by Akshara Foundation.

Highlights

District Engagement

Three blocks in the district actively participated in the GP Contests.

Impressive Attendance

4,283 children participated in the Contests.

No	District	Blocks	No of Gram Panchayats	No of Schools	Grade 4	Grade 5	Grade 6	No of Team Leaders who Supported	No of Education Volunteers who supported
1		Madikeri	27	94	468	479	494	47	172
2	Kodagu	Somavarpet	37	115	557	483	424	69	261
3		Virajpet	36	105	462	441	475	61	182
		Total	**100**	**314**	**1,487**	**1,403**	**1,393**	**177**	**615**

Pro Bono Service

The successful management of GP Contests was a collective effort by GP Team Leaders and Education Volunteers who generously volunteered their time and expertise.

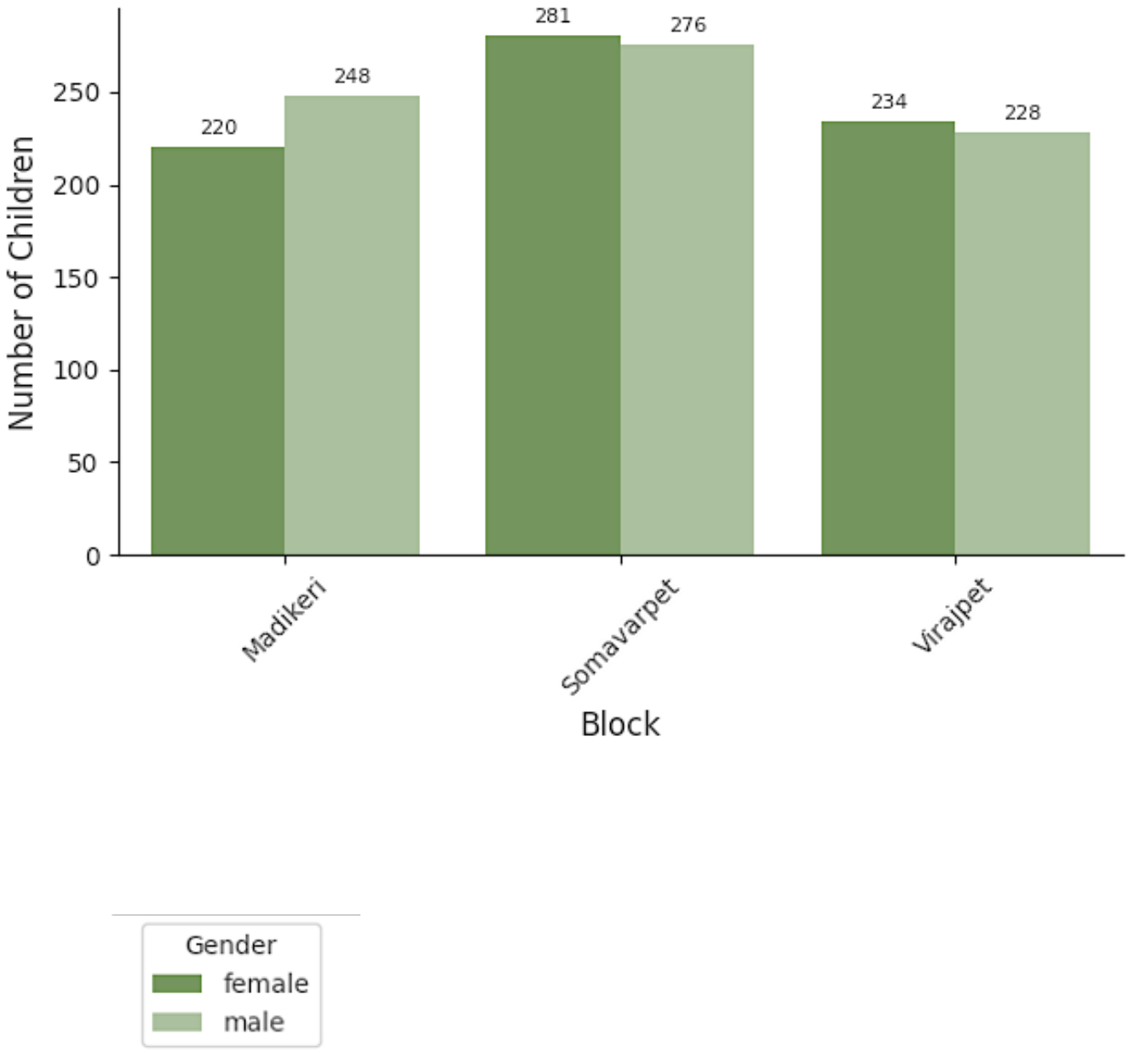
Community Involvement

100 Gram Panchayats enthusiastically engaged in organising the contests.

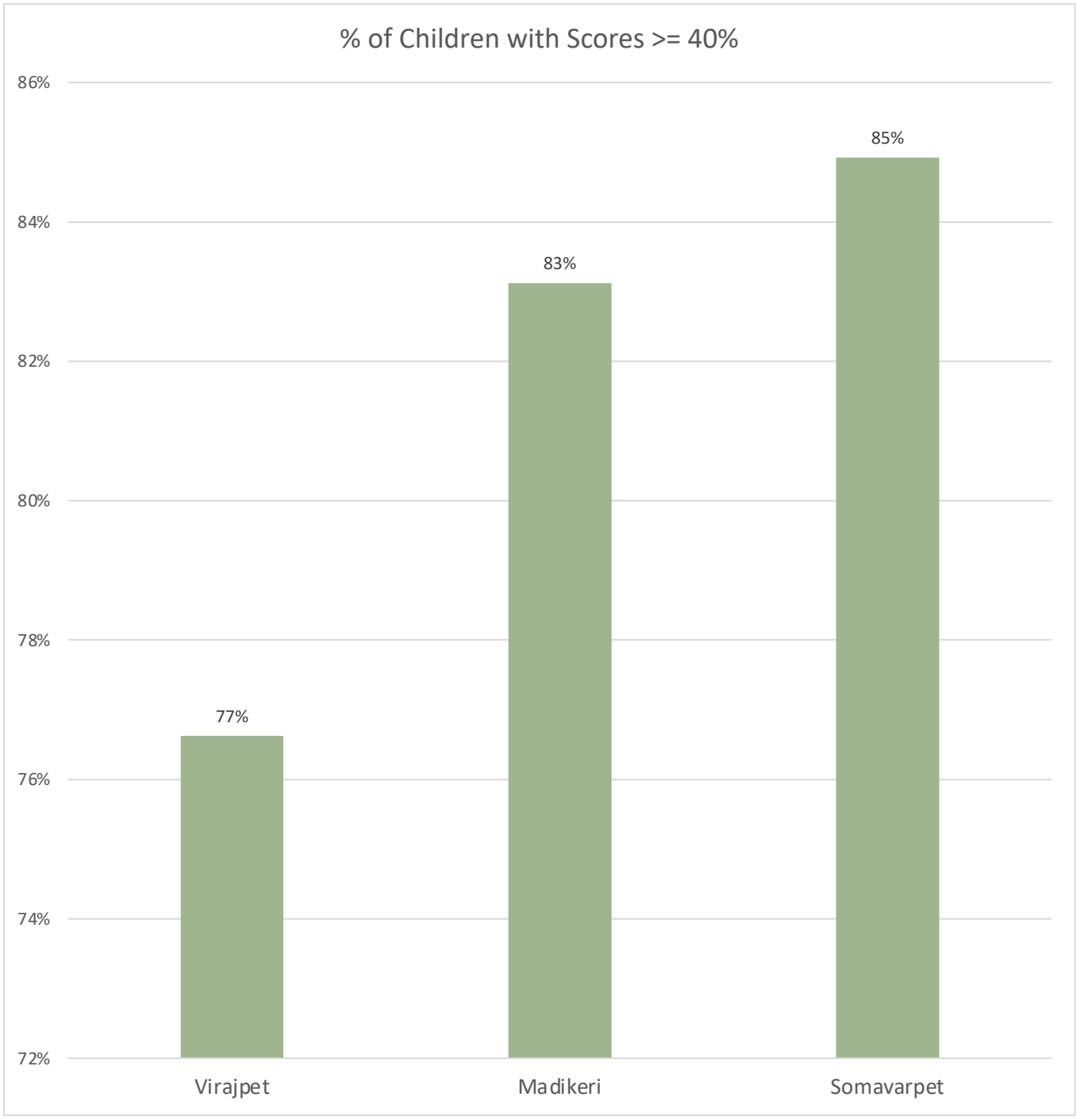
And we found...

Grade 4

Participation by **GENDER**



Grade 4


% of Children with Scores >= 40%
86%
84%
82%
80%
78%
76%
74%
72%
77%
83%
85%
Virajpet
Madikeri
Somavarpet

The

TOP PERFORMING

blocks

- Somavarpet
- Madikeri

The

BOTTOM PERFORMING

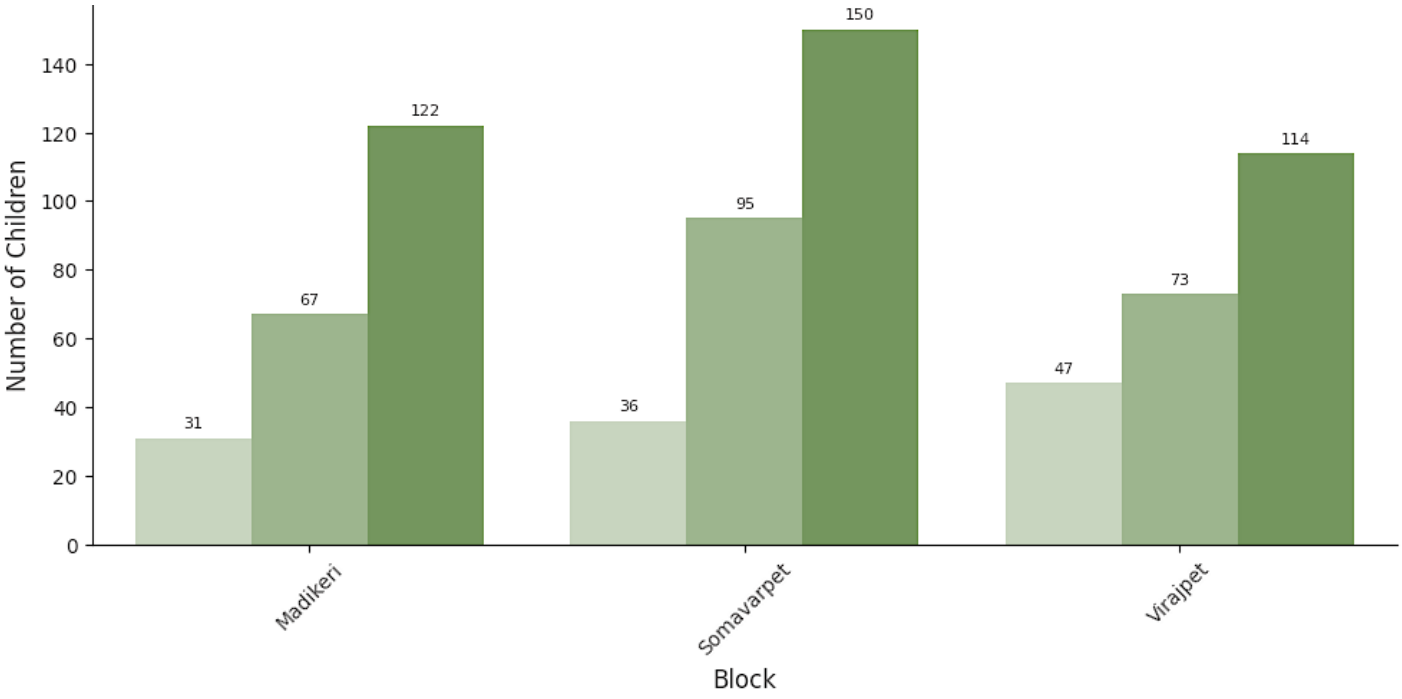
block

- Virajpet

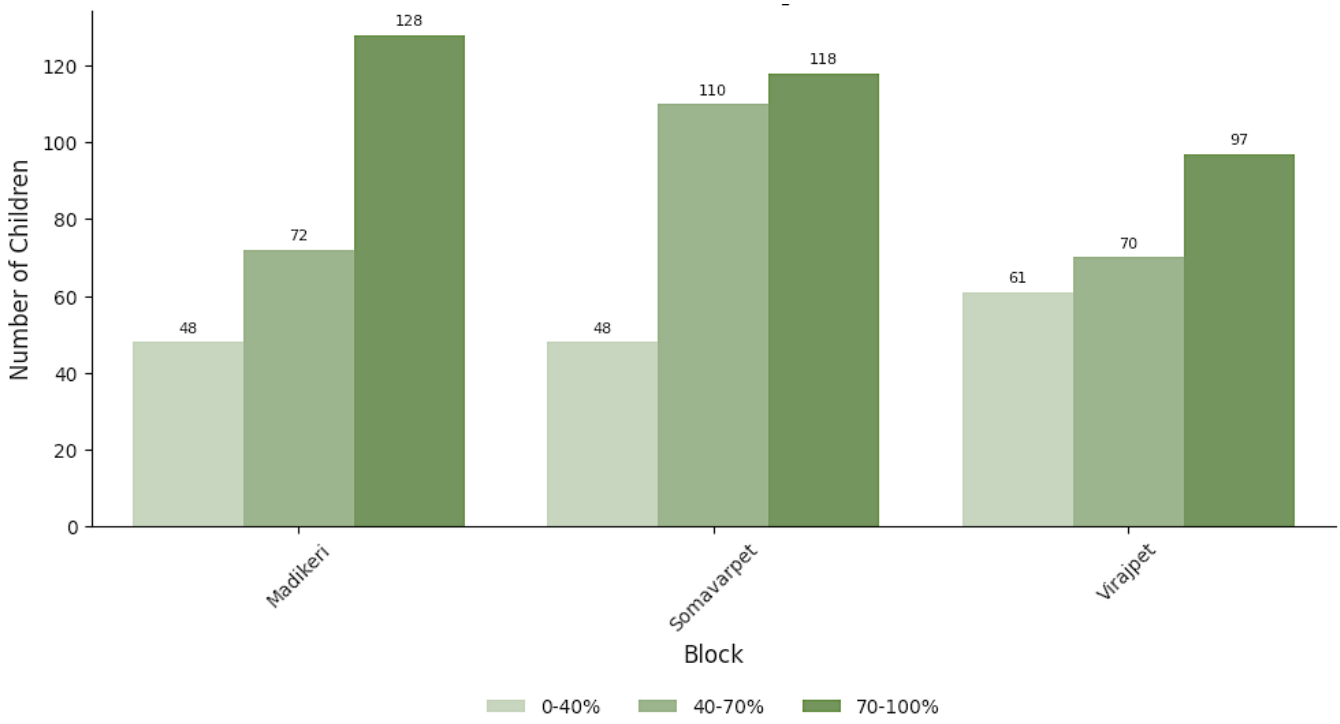
Grade 4

PERFORMANCE BY GENDER

FEMALE

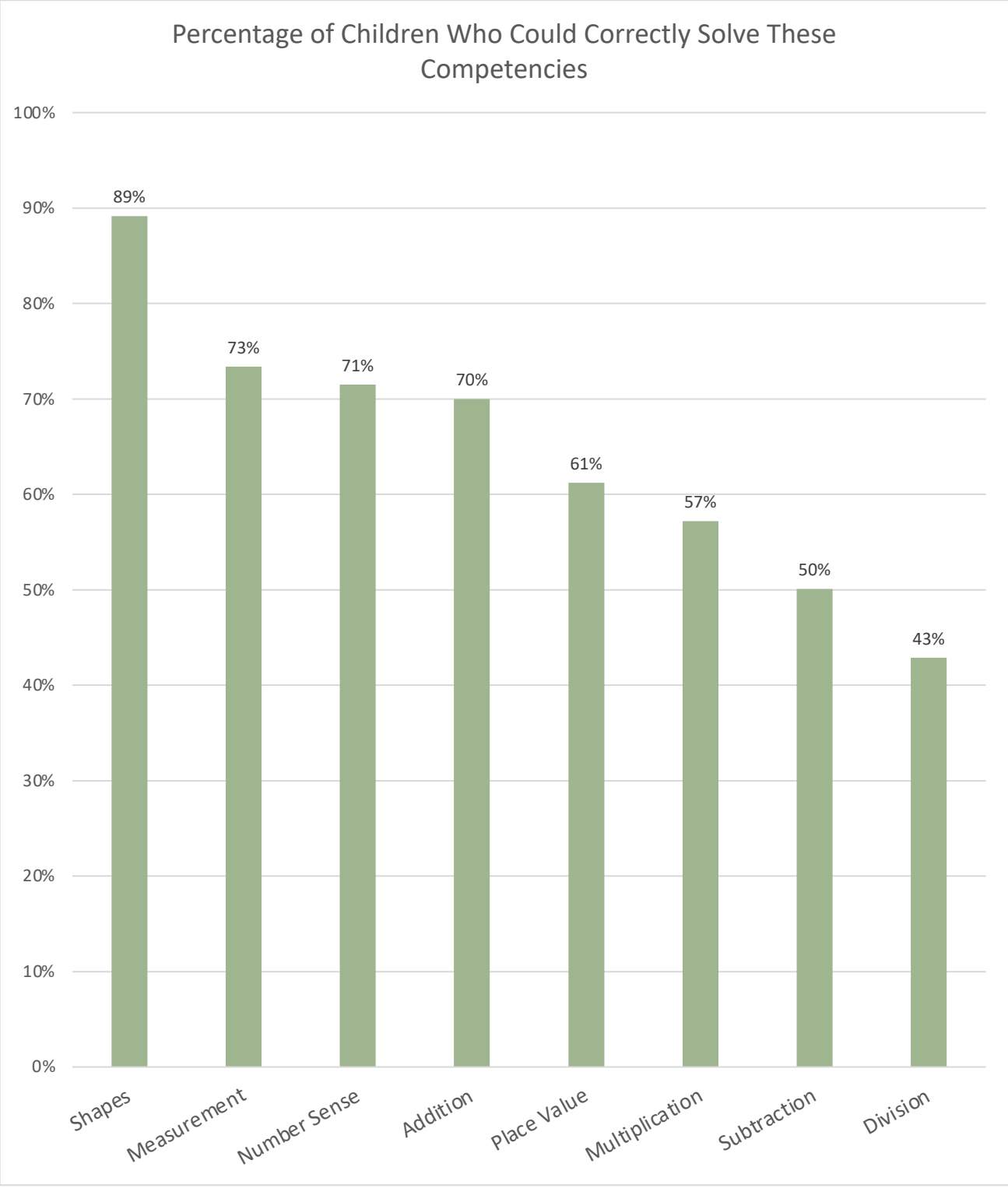


MALE



WHITE BOARD

Grade 4


Percentage of Children Who Could Correctly Solve These Competencies
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
89%
73%
71%
70%
61%
57%
50%
43%
Shapes
Measurement
Number Sense
Addition
Place Value
Multiplication
Subtraction
Division

The

EASIEST

competencies

- Shapes
- Measurement
- Number Sense

The

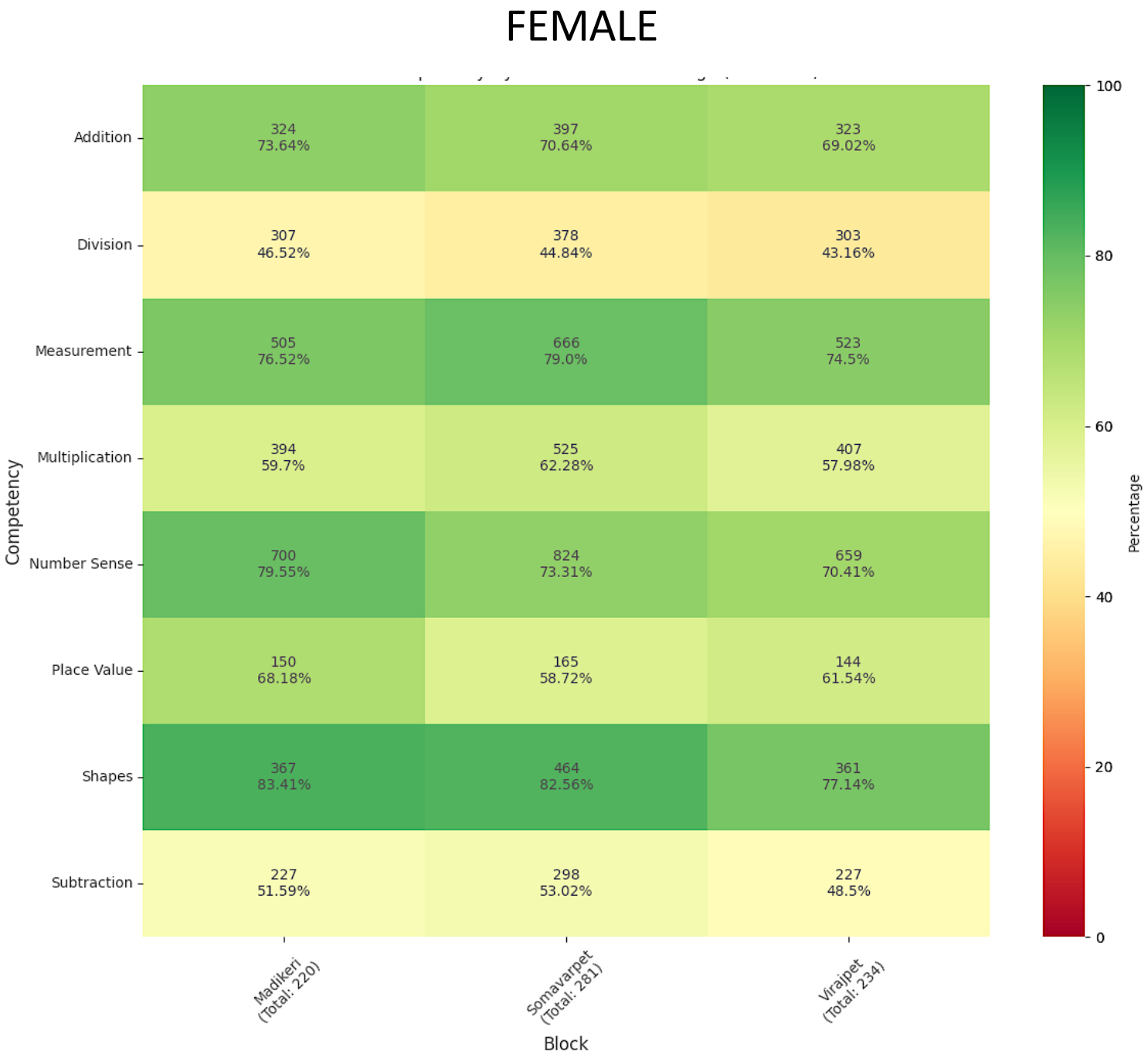
TOUGHER

competencies

- Division
- Subtraction
- Multiplication

Grade 4

HEAT MAP OF OVERALL PERFORMANCE BY GENDER



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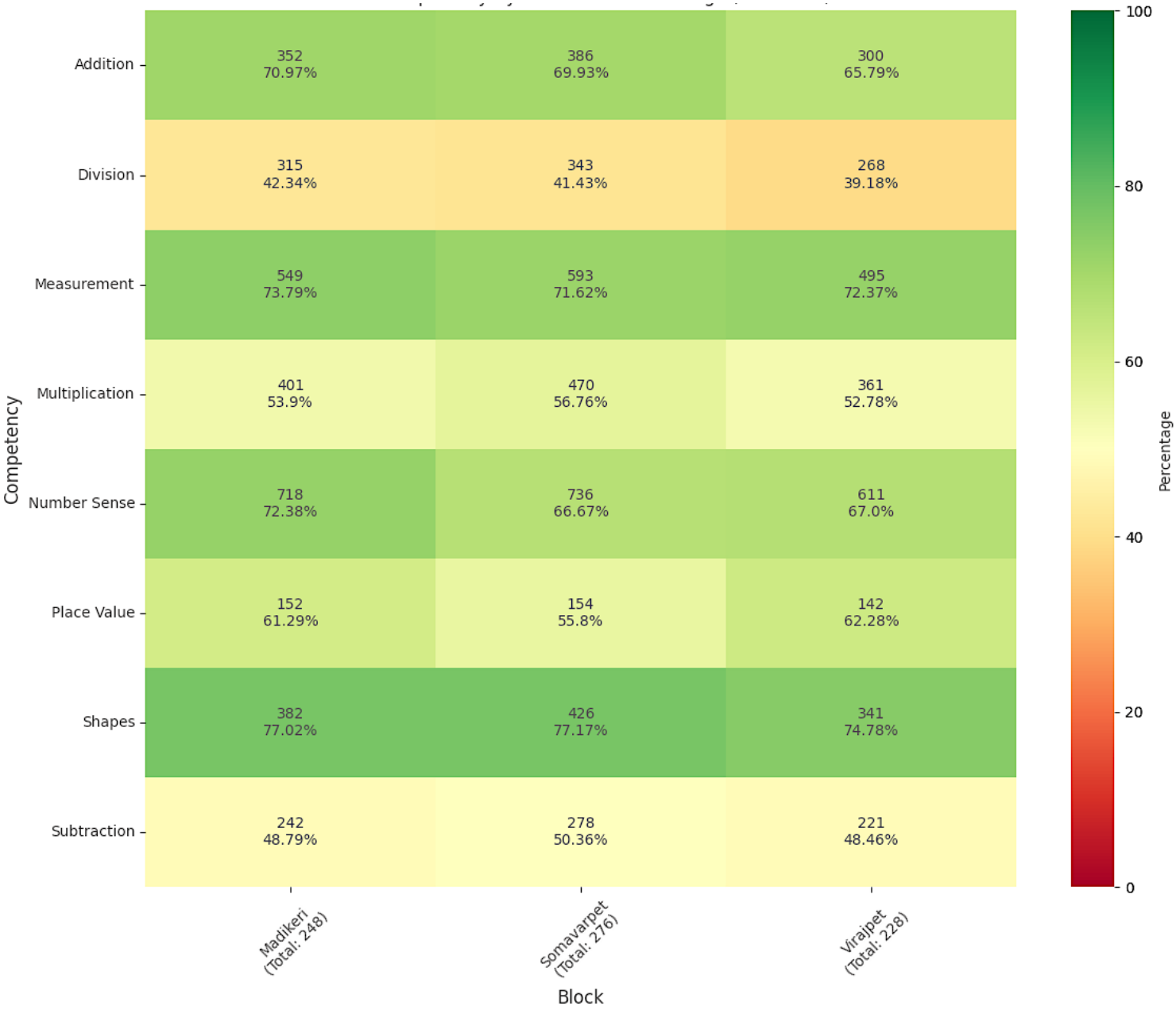
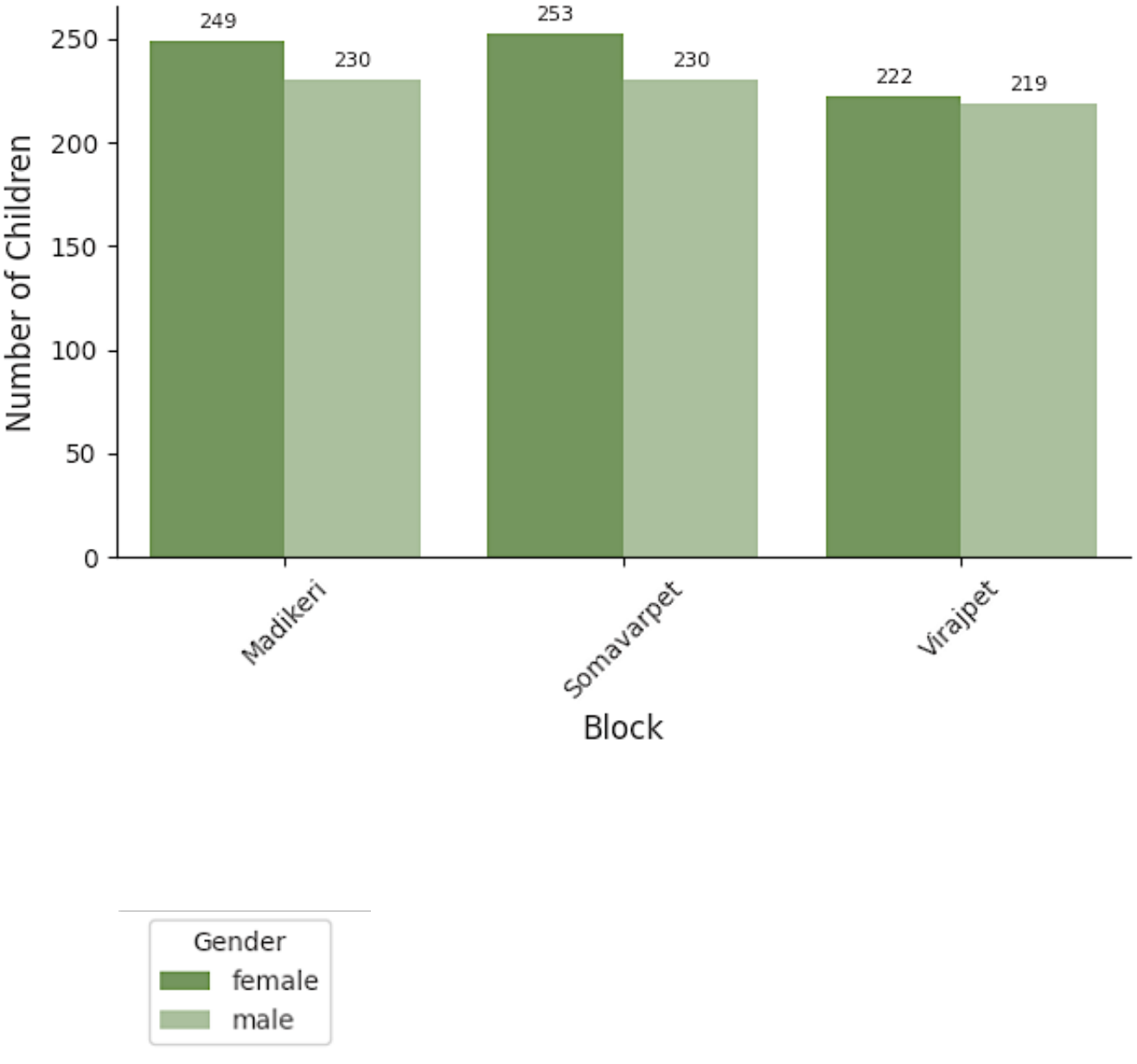
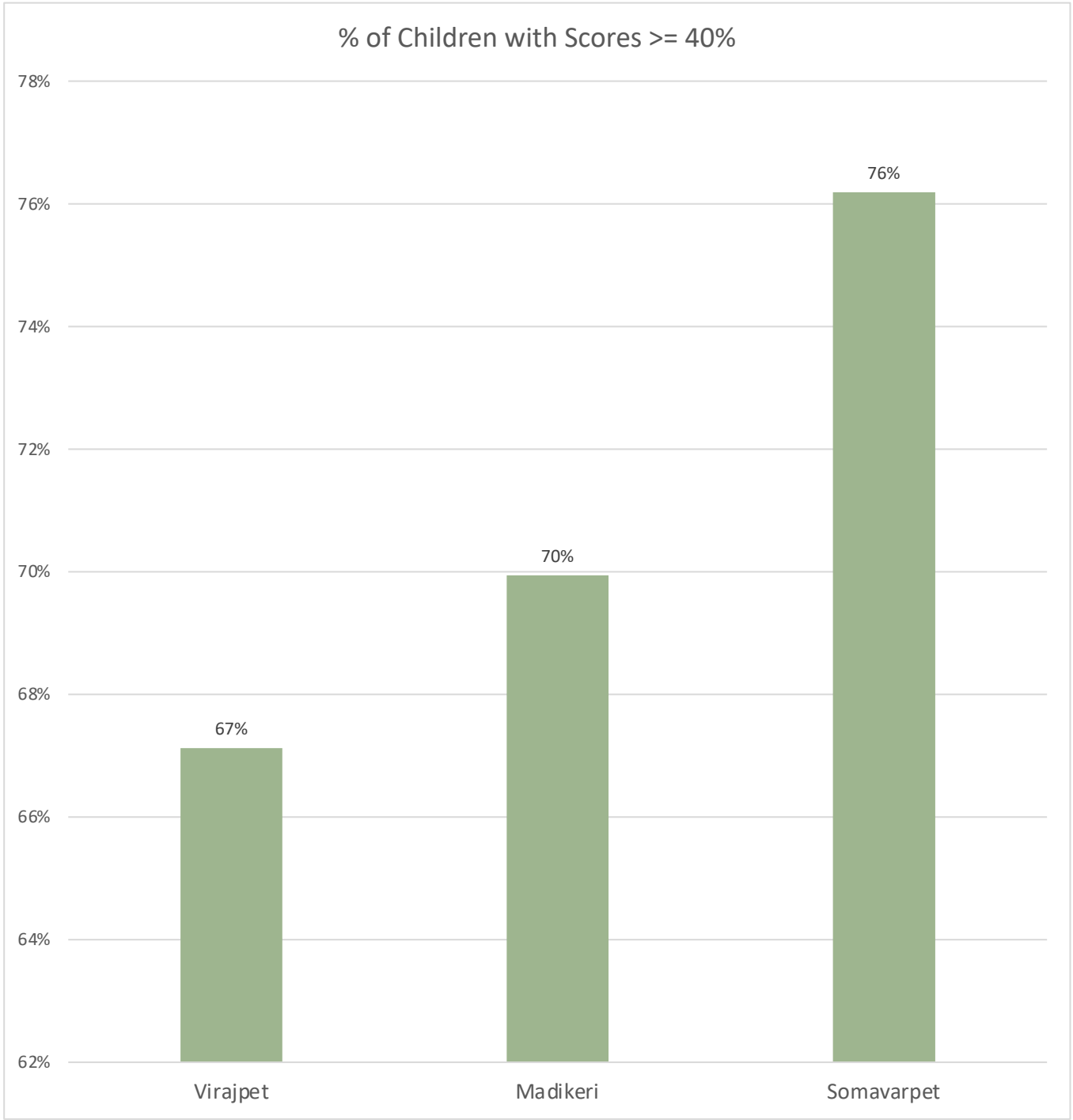

Addition
Division
Measurement
Multiplication
Number Sense
Place Value
Shapes
Subtraction
Competency
352
70.97%
386
69.93%
300
65.79%
315
42.34%
343
41.43%
268
39.18%
549
73.79%
593
71.62%
495
72.37%
401
53.9%
470
56.76%
361
52.78%
718
72.38%
736
66.67%
611
67.0%
152
61.29%
154
55.8%
142
62.28%
382
77.02%
426
77.17%
341
74.78%
242
48.79%
278
50.36%
221
48.46%
Madikeri
(Total: 248)
Somavarpet
(Total: 276)
Virajpet
(Total: 228)
Block
Percentage
100
80
60
40
20
0

Grade 5

Participation by **GENDER**



Grade 5


% of Children with Scores >= 40%
78%
76%
74%
72%
70%
68%
66%
64%
62%
67%
70%
76%
Virajpet
Madikeri
Somavarpet

The

TOP PERFORMING

blocks

- Somavarpet
- Madikeri

The

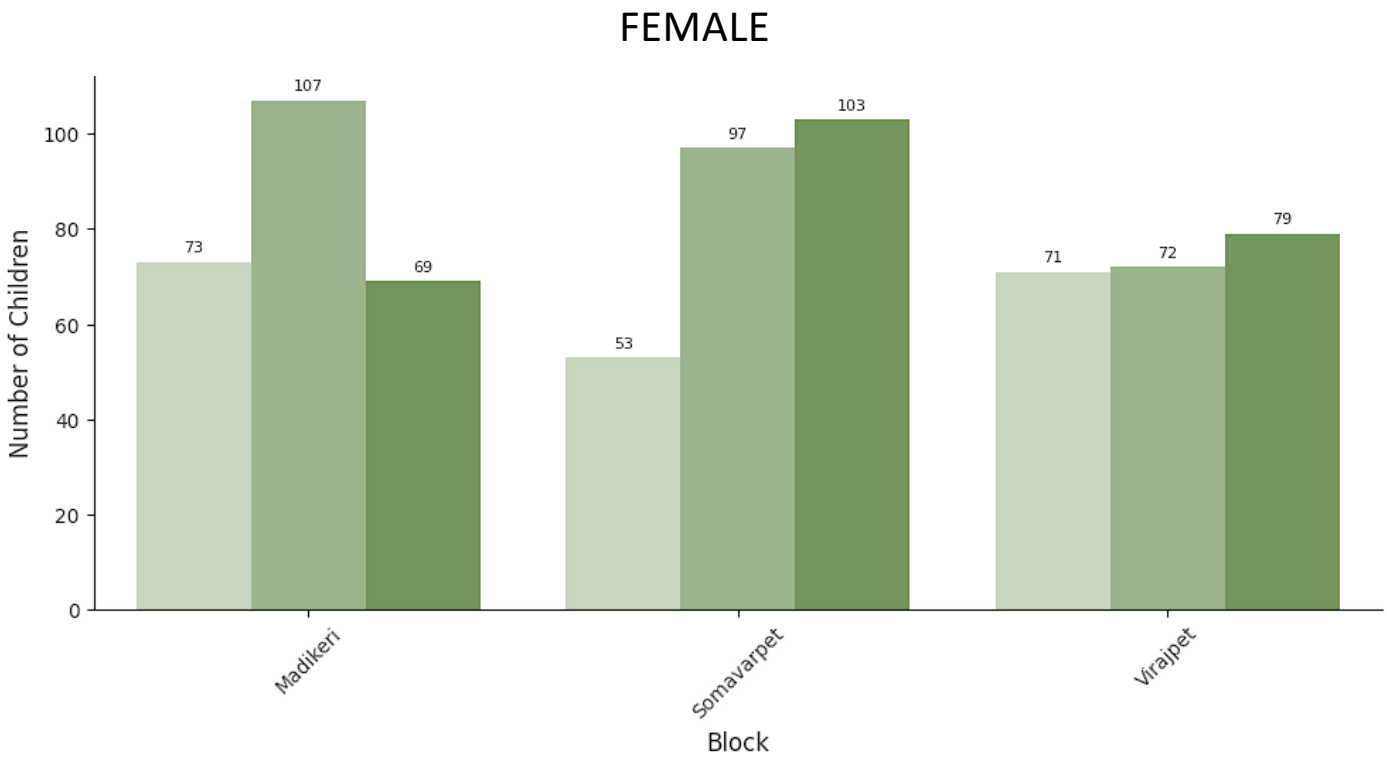
BOTTOM PERFORMING

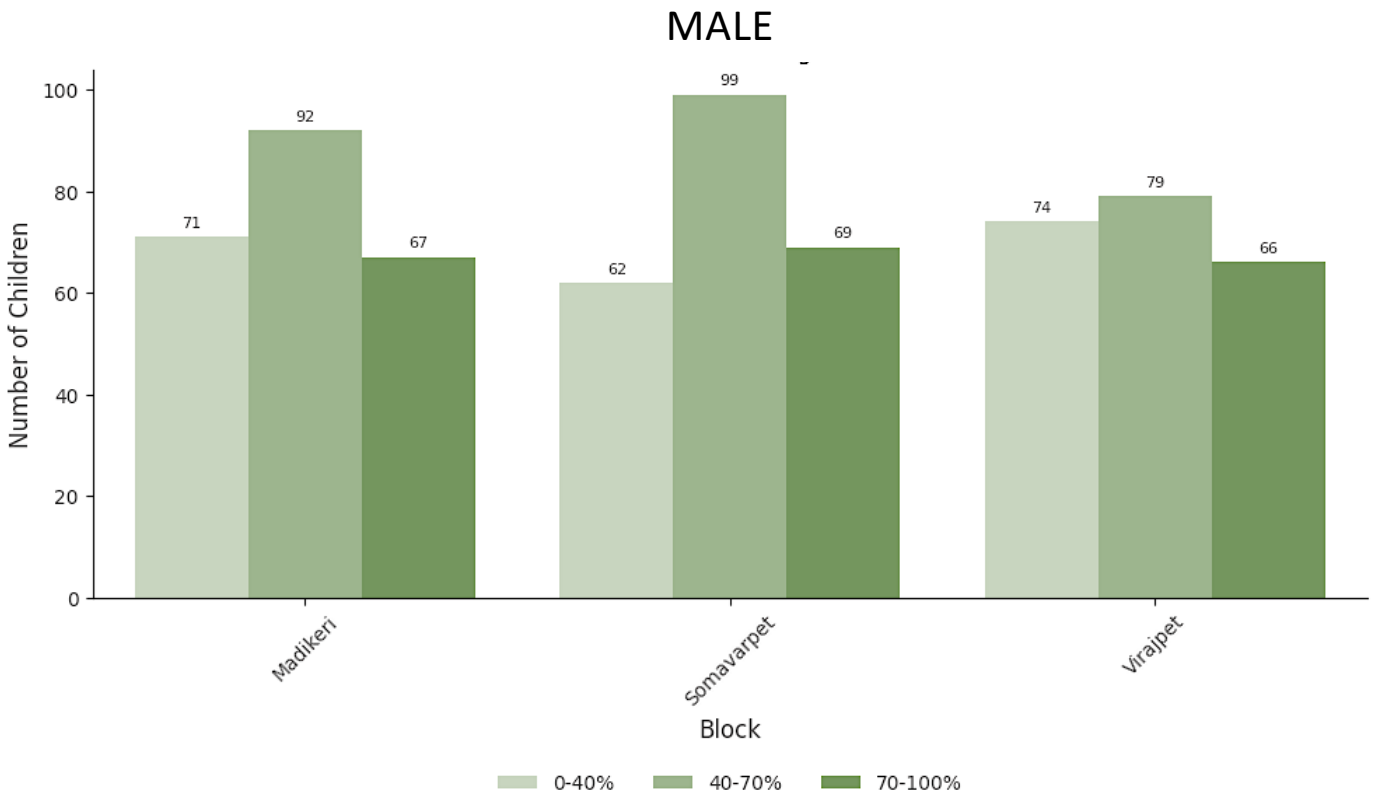
block

- Virajpet

Grade 5

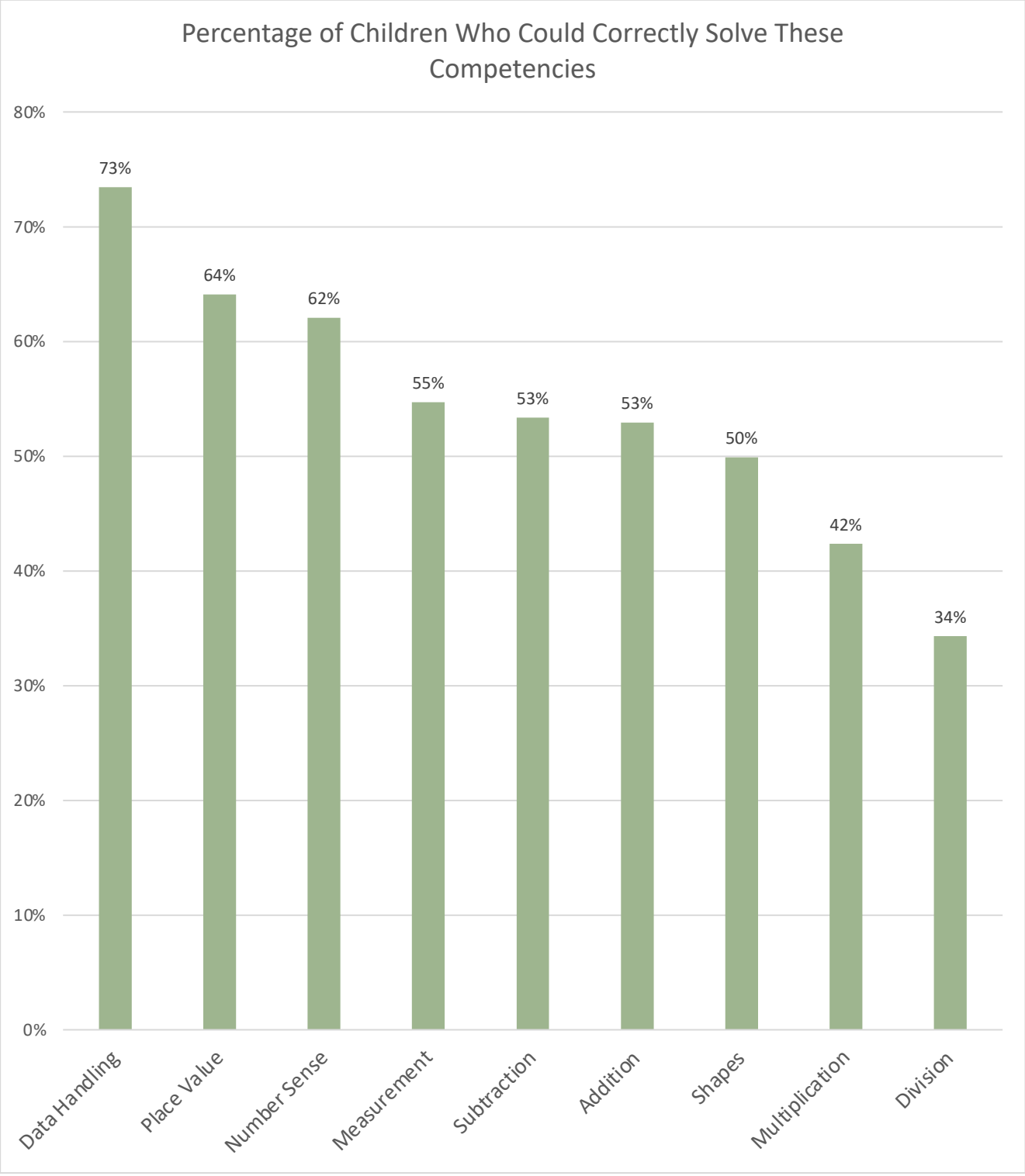
PERFORMANCE BY GENDER





ಕೊಡಗು ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯ
ಶಾಲಾ ಶಿಕ್ಷಣ ಇಲಾಖೆ
ಸರ್ಕಾರಿ ಹಿರಿಯ ಪ್ರಾಥಮಿಕ ಶಾಲೆ
ದೇವರಪುರ

Grade 5


Percentage of Children Who Could Correctly Solve These Competencies
80%
70%
60%
50%
40%
30%
20%
10%
0%
73%
64%
62%
55%
53%
53%
50%
42%
34%
Data Handling
Place Value
Number Sense
Measurement
Subtraction
Addition
Shapes
Multiplication
Division

The

EASIEST

competencies

- Data Handling
- Place Value
- Number Sense

The

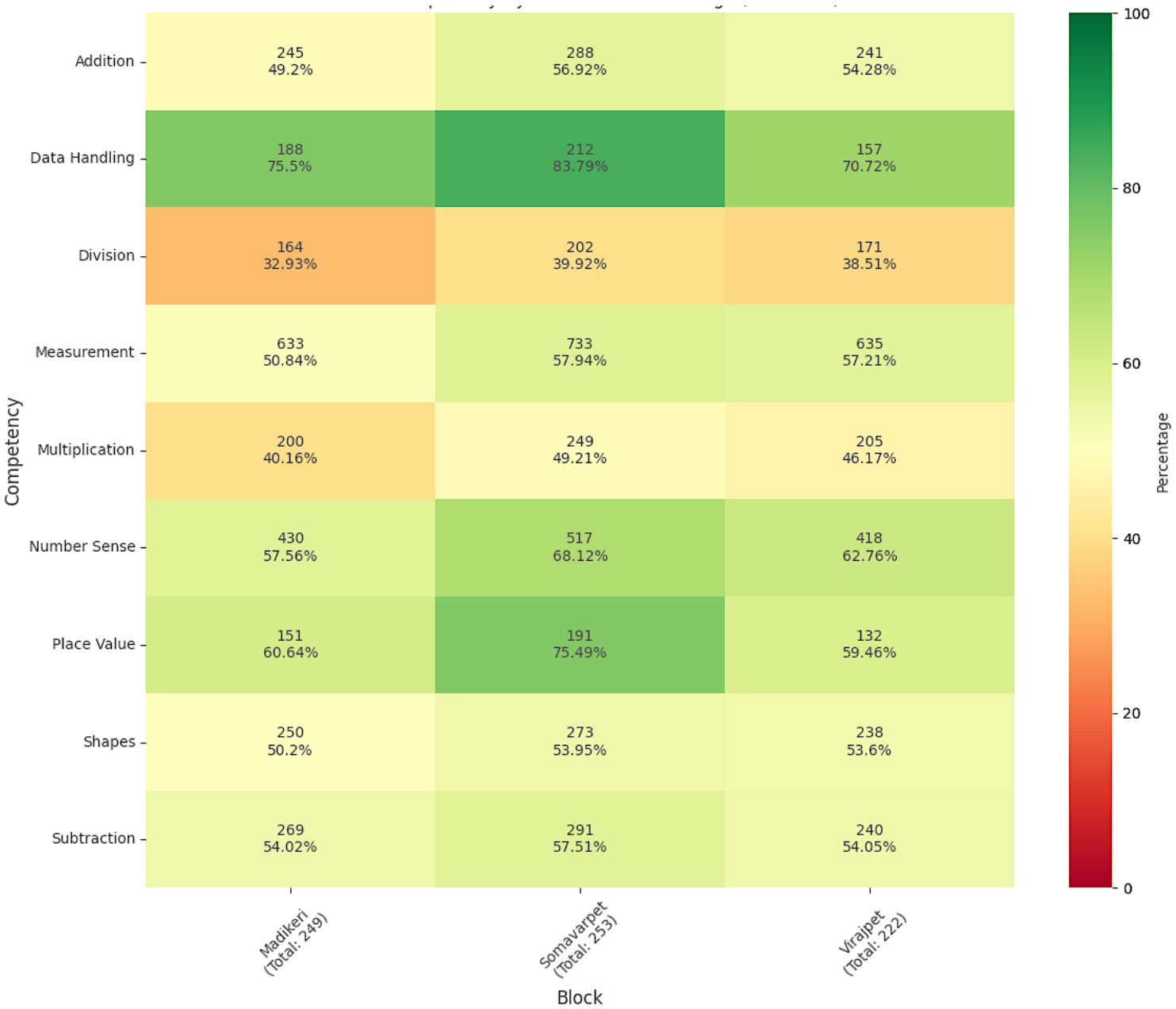
TOUGHER

competencies

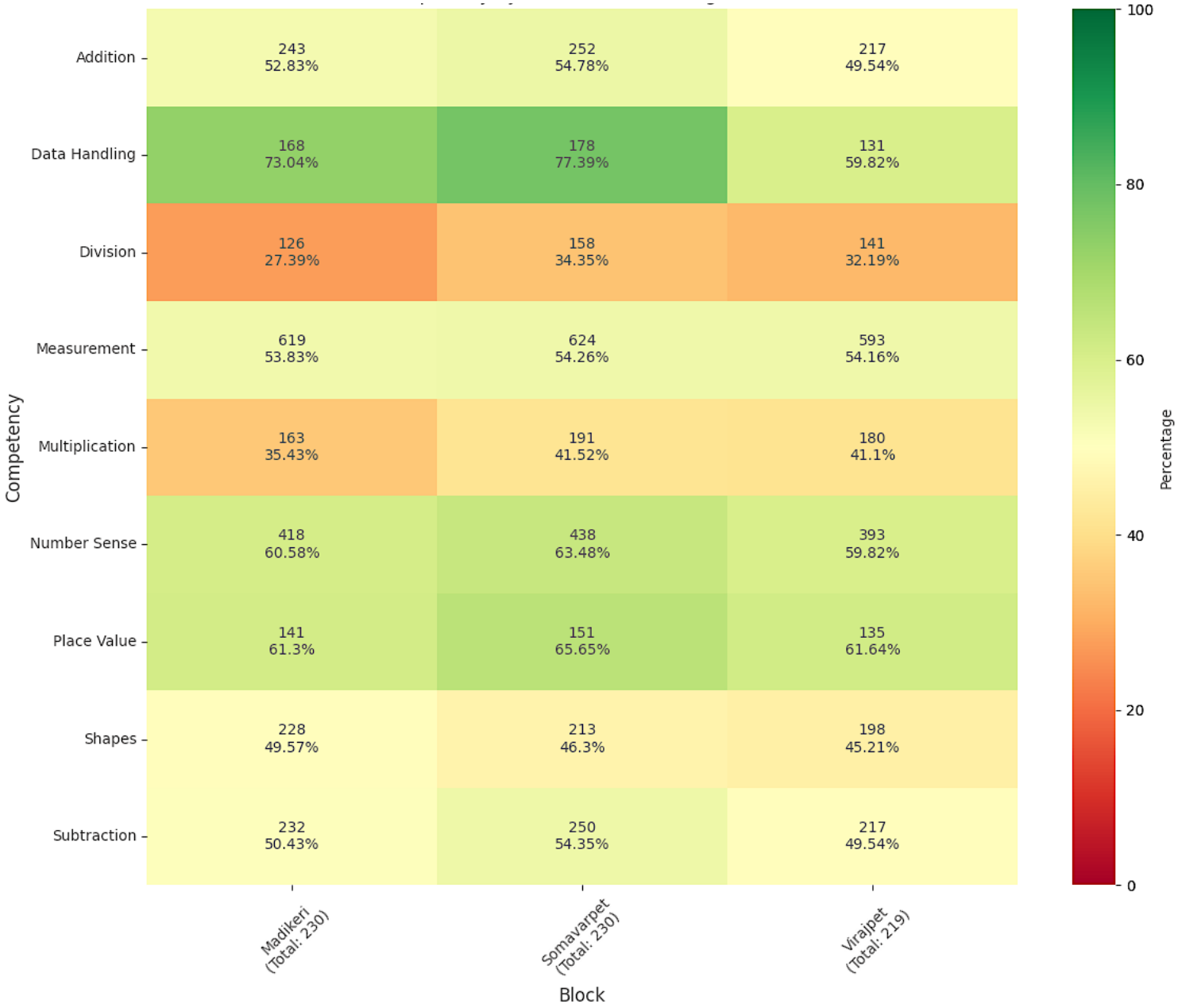
- Division
- Multiplication
- Shapes

Grade 5

HEAT MAP OF OVERALL PERFORMANCE BY GENDER

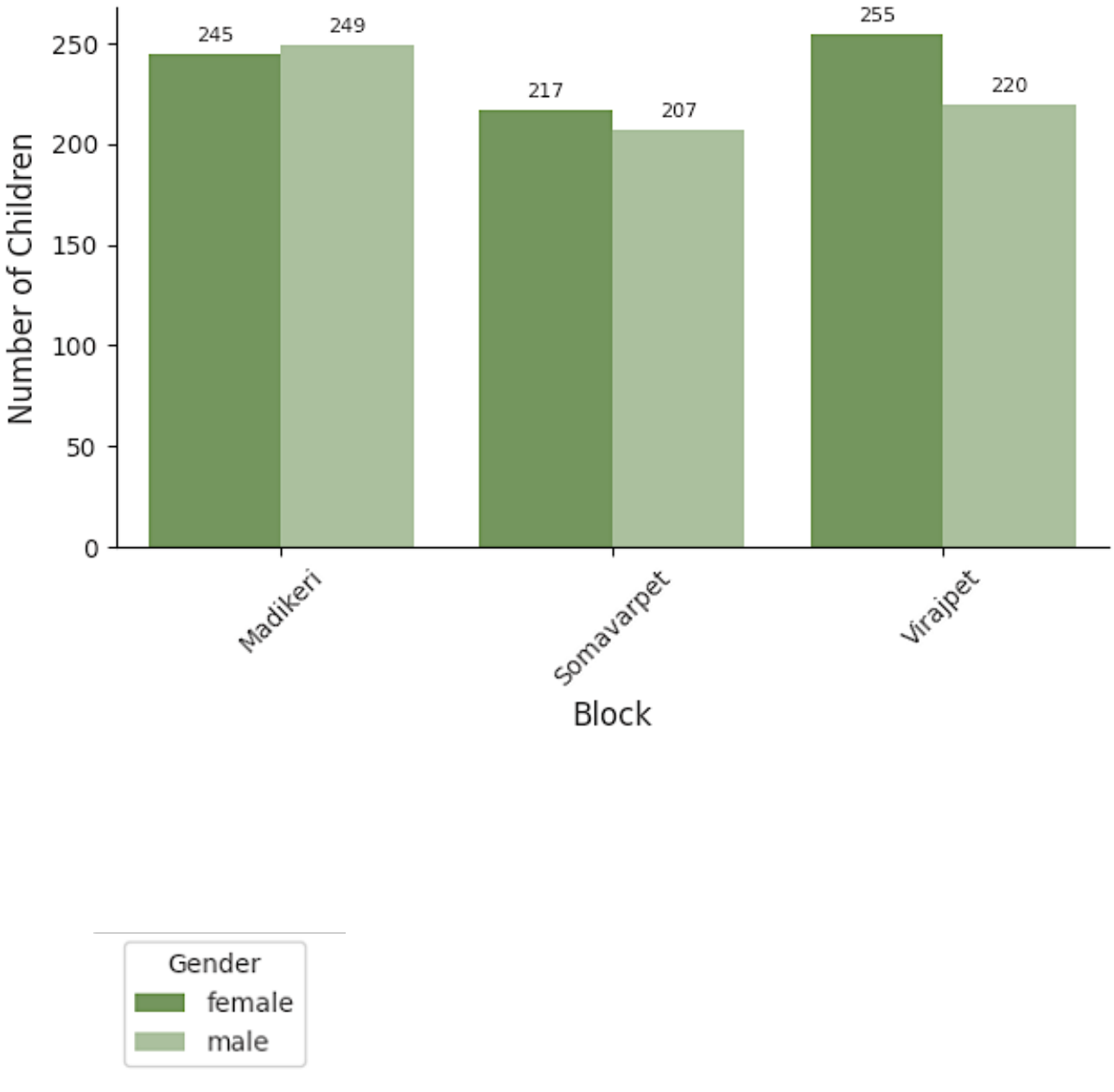


MALE

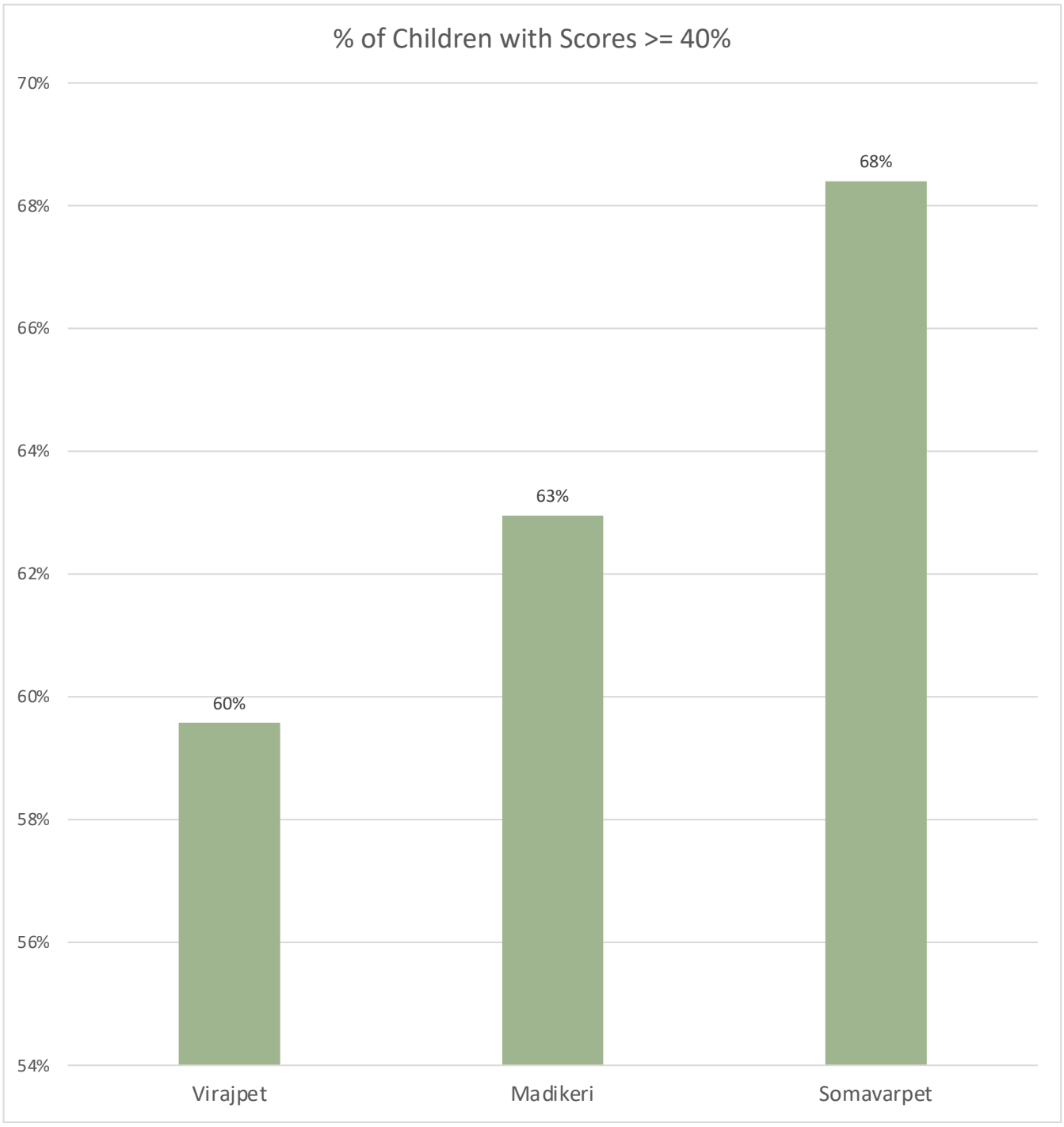

Addition
Data Handling
Division
Measurement
Multiplication
Number Sense
Place Value
Shapes
Subtraction
Competency
243
52.83%
252
54.78%
217
49.54%
168
73.04%
178
77.39%
131
59.82%
126
27.39%
158
34.35%
141
32.19%
619
53.83%
624
54.26%
593
54.16%
163
35.43%
191
41.52%
180
41.1%
418
60.58%
438
63.48%
393
59.82%
141
61.3%
151
65.65%
135
61.64%
228
49.57%
213
46.3%
198
45.21%
232
50.43%
250
54.35%
217
49.54%
Madikeri
(Total: 230)
Somavarpet
(Total: 230)
Virajpet
(Total: 219)
Block
100
80
60
40
20
0
Percentage

Grade 6

Participation by **GENDER**



Grade 6


% of Children with Scores >= 40%
70%
68%
66%
64%
62%
60%
58%
56%
54%
60%
63%
68%
Virajpet
Madikeri
Somavarpet

The

TOP PERFORMING

blocks

- Somavarpet
- Madikeri

The

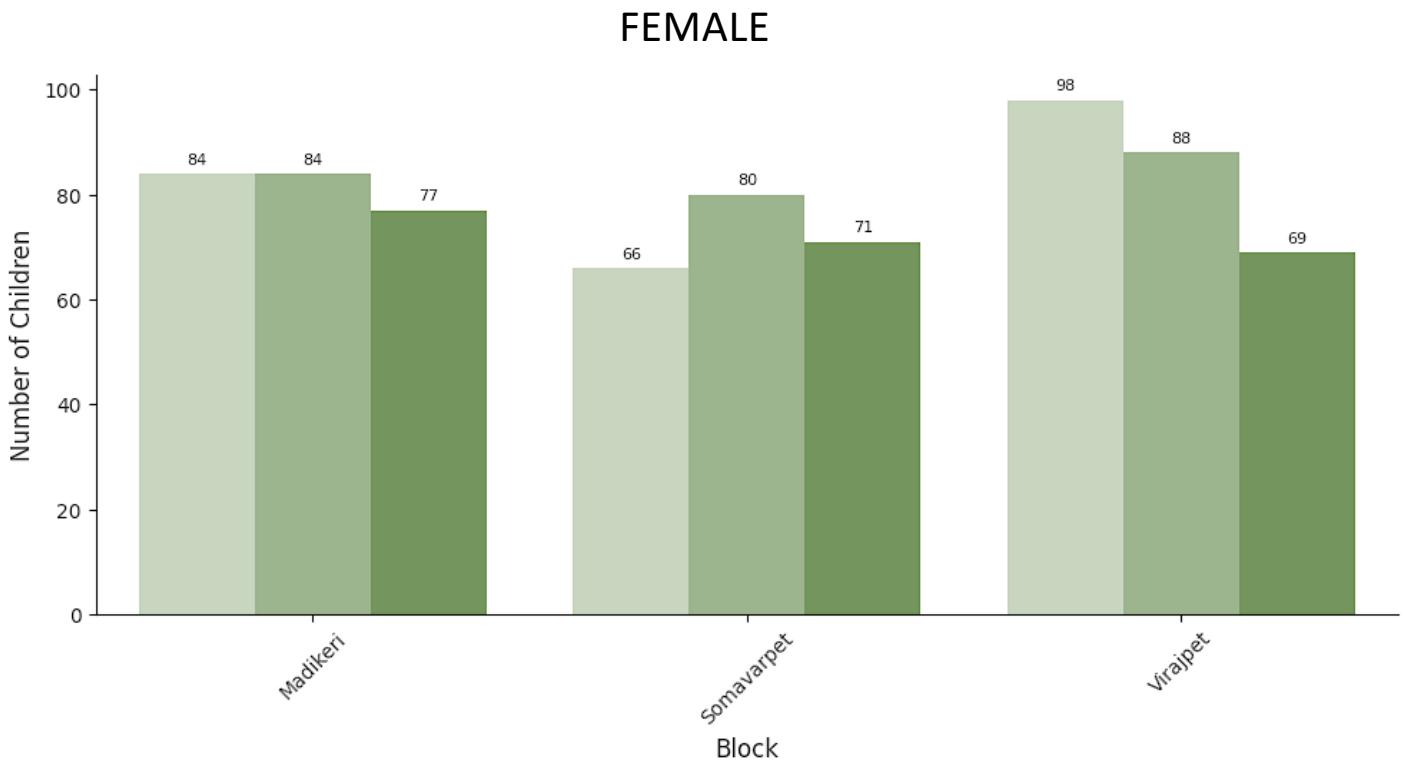
BOTTOM PERFORMING

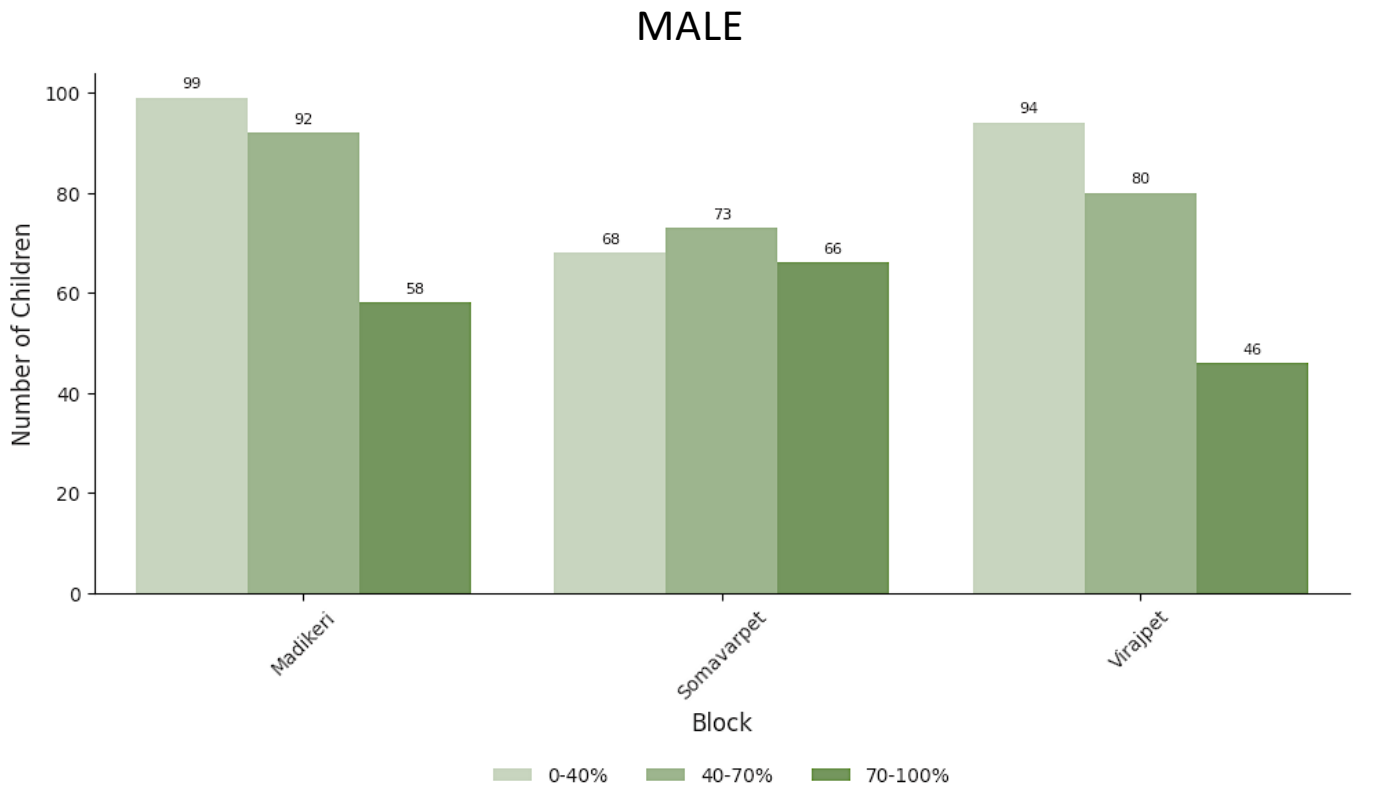
block

- Virajpet

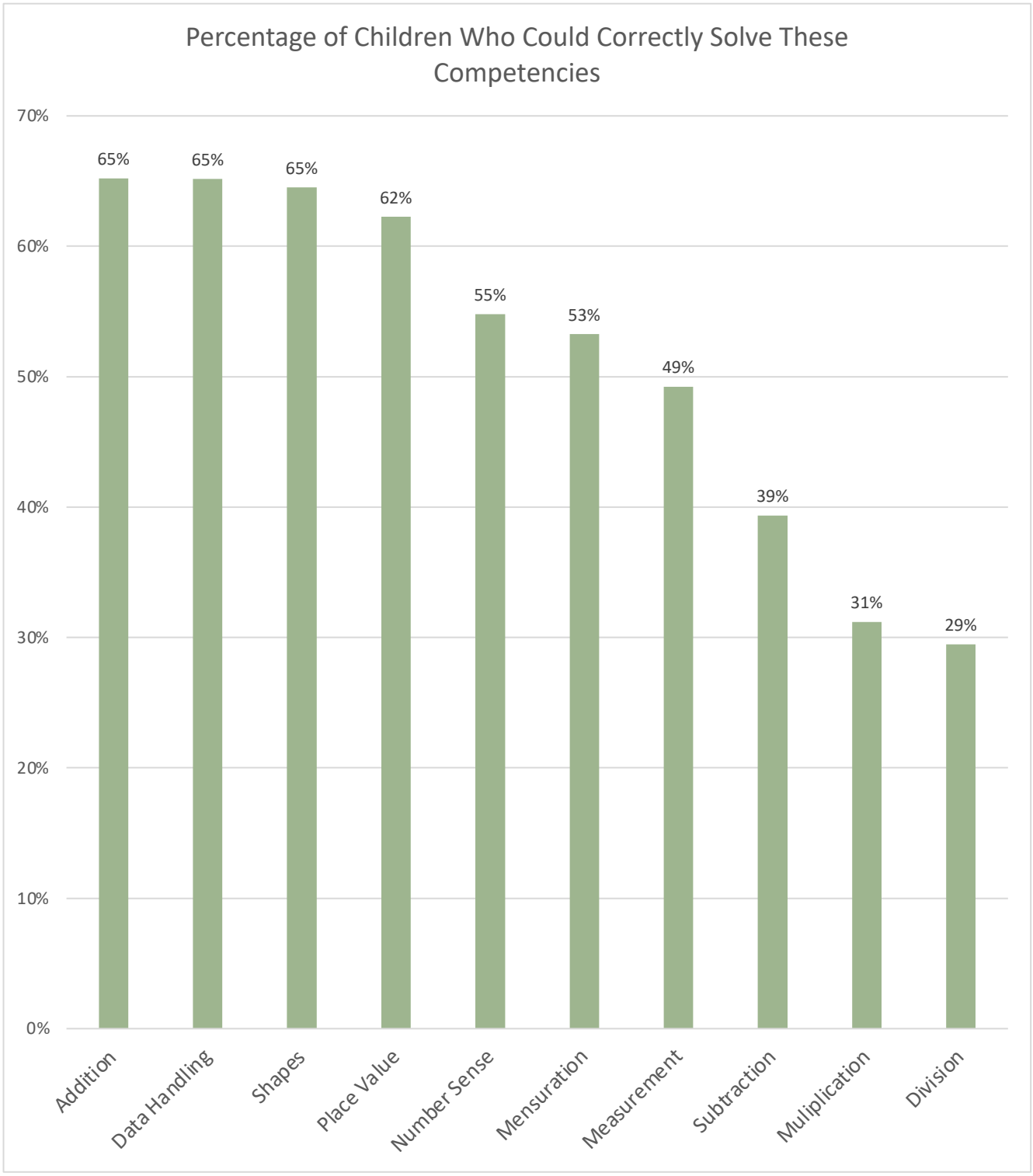
Grade 6

PERFORMANCE BY GENDER





Grade 6


Percentage of Children Who Could Correctly Solve These Competencies
70%
60%
50%
40%
30%
20%
10%
0%
65%
65%
65%
62%
55%
53%
49%
39%
31%
29%
Addition
Data Handling
Shapes
Place Value
Number Sense
Mensuration
Measurement
Subtraction
Muliplication
Division

The

EASIEST

competencies

- Addition
- Data Handling
- Shapes

The

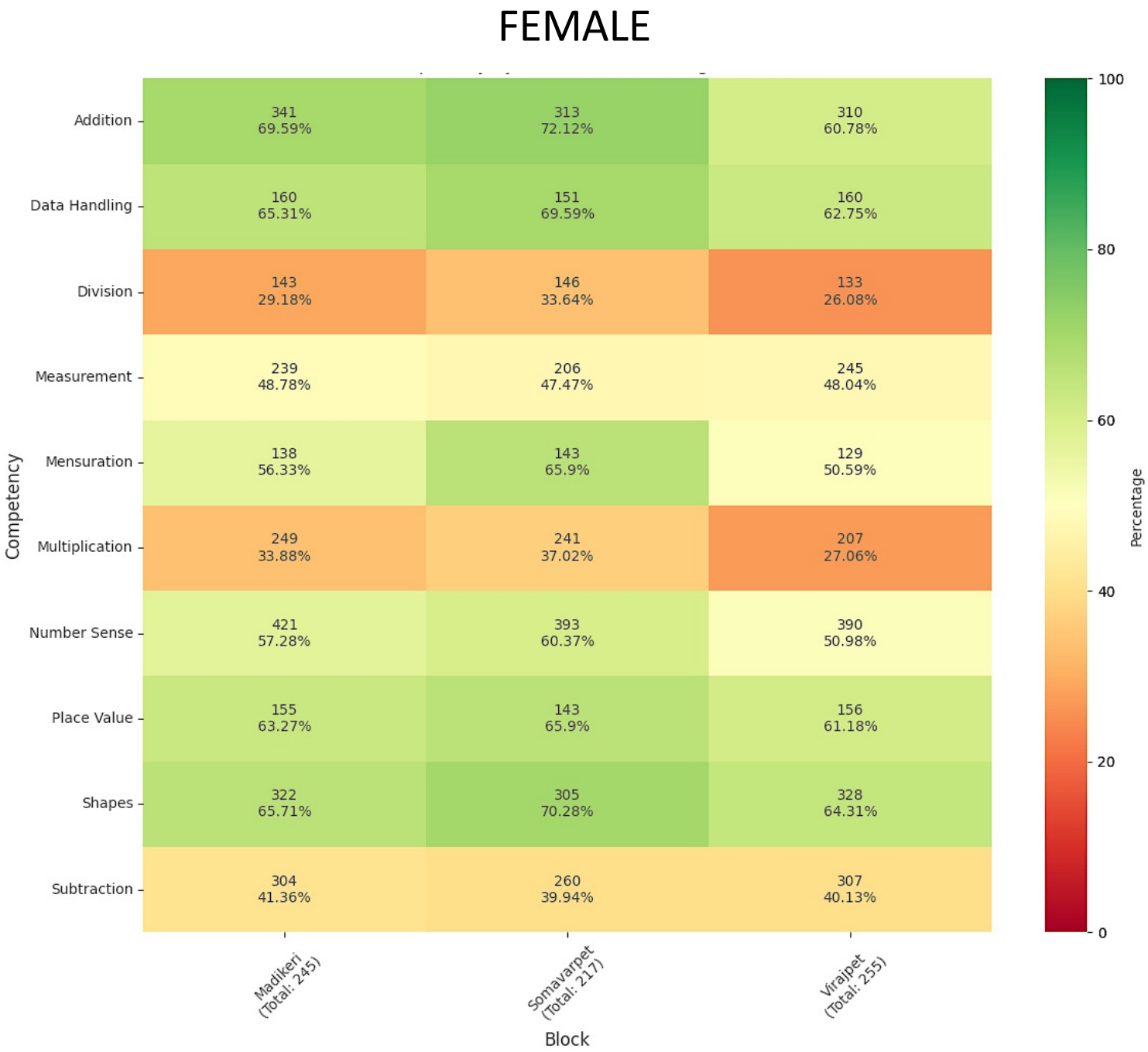
TOUGHER

competencies

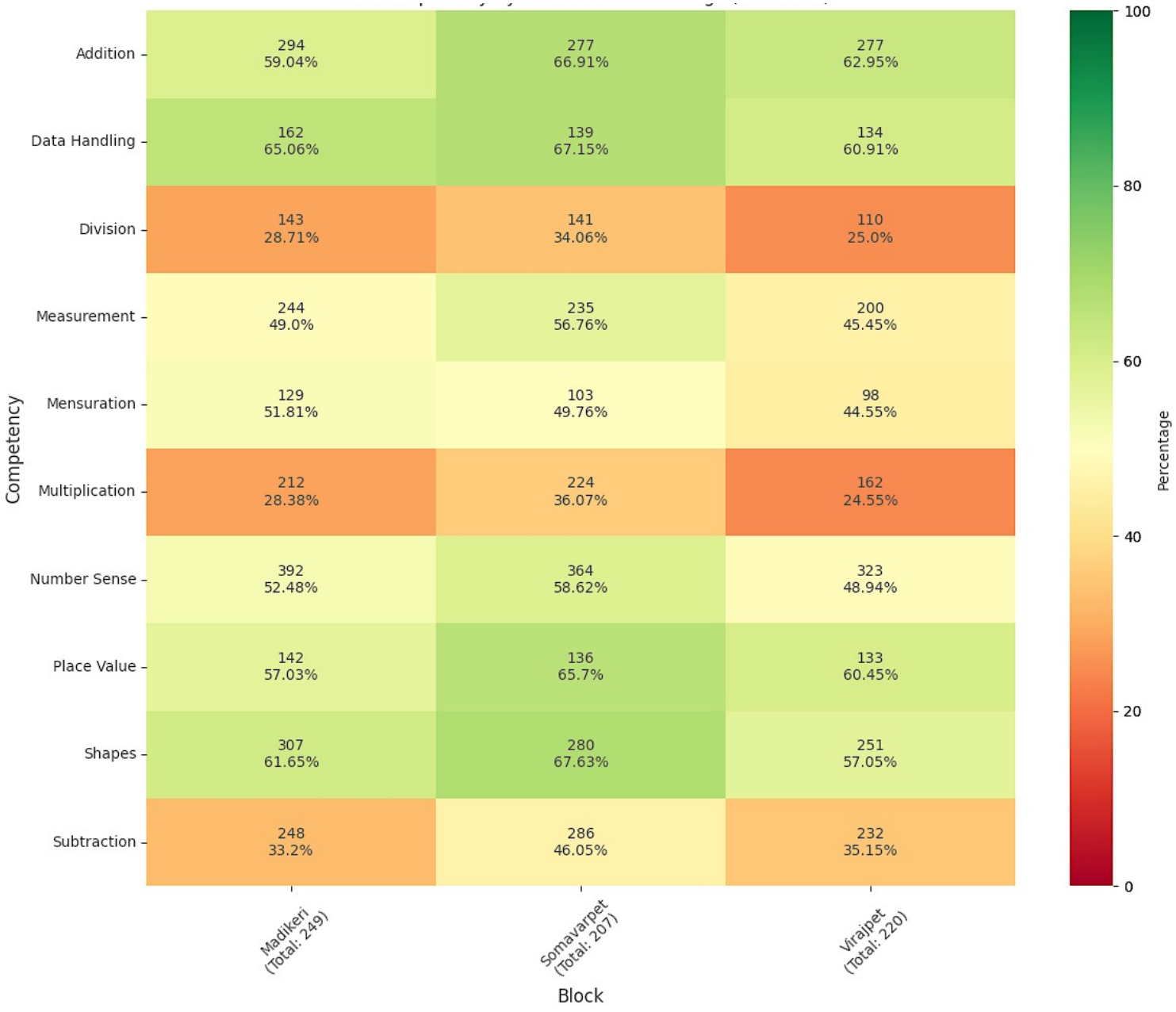
- Division
- Multiplication
- Subtraction

Grade 6

HEAT MAP OF OVERALL PERFORMANCE BY GENDER



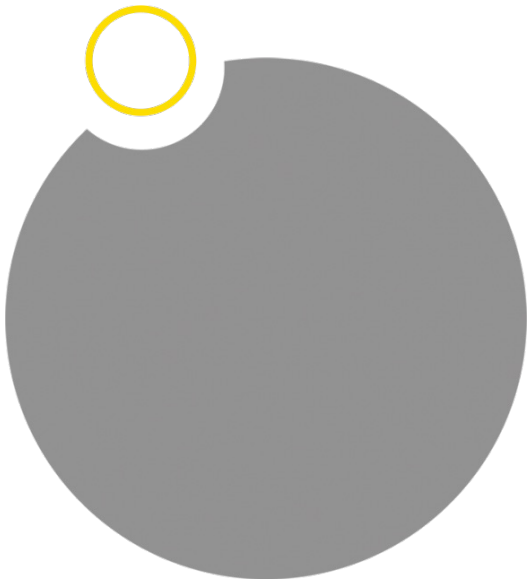
MALE

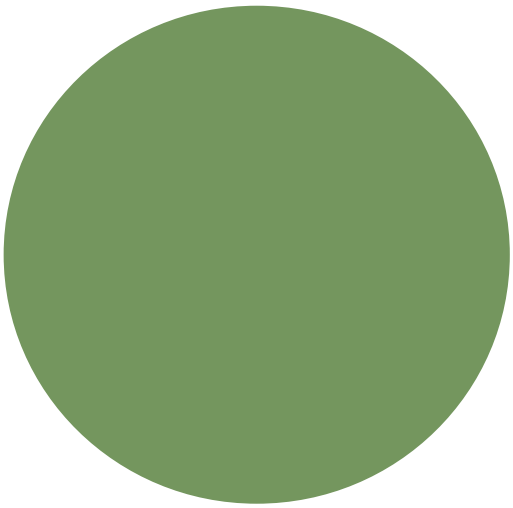

Addition
Data Handling
Division
Measurement
Mensuration
Multiplication
Number Sense
Place Value
Shapes
Subtraction
Competency
294
59.04%
277
66.91%
277
62.95%
162
65.06%
139
67.15%
134
60.91%
143
28.71%
141
34.06%
110
25.0%
244
49.0%
235
56.76%
200
45.45%
129
51.81%
103
49.76%
98
44.55%
212
28.38%
224
36.07%
162
24.55%
392
52.48%
364
58.62%
323
48.94%
142
57.03%
136
65.7%
133
60.45%
307
61.65%
280
67.63%
251
57.05%
248
33.2%
286
46.05%
232
35.15%
Madikeri
(Total: 249)
Somavarpet
(Total: 207)
Virajpet
(Total: 220)
Block
100
80
60
40
20
0
Percentage

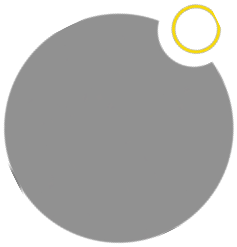
Acknowledgements

All stakeholders contributed to this effort:

- District Collector (DC)
- CEO of the Zilla Panchayath
- Deputy Director of Public Instruction (DDPI)
- District Institute of Education and Training (DIET)
- Executive Officers of Taluk Panchayats
- Block Education Officers (BEOs) and Block Resource Coordinator (BRCs)
- Gram Panchayat Presidents and Members
- Panchayat Development Officers (PDOs)
- Cluster Resource Persons (CRPs)
- Head Teachers and all Teachers
- School Development and Monitoring Committee (SDMC) members
- Community Members
- GP Team Leaders and Education Volunteers
- Technical Support: Vindhya E-Infomedia and Karanji Infotech Pvt. Ltd.
- The Akshara Foundation Team







Akshara Foundation

EVERY CHILD IN SCHOOL AND LEARNING WELL

No. 621, 5th Main Road,

OMBR Layout, Banaswadi,

Bengaluru 560 043

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