

Chapter 4 - The Teacher Characteristics

Table 4.1(a). Means, percentages, and sampling errors for age, gender, and socio-economic background of reading teachers (SACMEQ I)

Region	Age (years)		Gender (female)		Possession at home (index)	
	Mean	SE	%	SE	Mean	SE
Region 1						
Region 2						
Region 3						
Region 13						
National						

SACMEQ I Variables: XTAGELVL, XTSEX, XTHPOS13.

SACMEQ I			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ3	TAGELVL (1=under 20; 2=20-24; 3=25-29; 4=30-34; 5=35-39; 6=40-44; 7=45-49; 8=50+)	XTAGELVL (1=20) (2=22) 53=27) (4=32) (5=37) (6=42) (7=47) (8=55)	—
TQ2	TSEX (1=male; 2=female)	XTSEX (1=0) (2=1)	—
TQ28.01	THPOSNEW (1=no; 2=yes)	—	XTHPOS13 =
TQ28.02	THPOSMAG (1=no; 2=yes)	—	THPOSNEW +
TQ28.03	THPOSRAD (1=no; 2=yes)	—	THPOSMAG +
TQ28.04	THPOSTV (1=no; 2=yes)	—	THPOSRAD +
TQ28.05	THPOSVCR (1=no; 2=yes)	—	THPOSTV +
TQ28.06	THPOSCAS (1=no; 2=yes)	—	THPOSVCR +
TQ28.07	THPOSTEL (1=no; 2=yes)	—	THPOSCAS +
TQ28.09	THPOSCAR (1=no; 2=yes)	—	THPOSTEL +
TQ28.10	THPOSMOT (1=no; 2=yes)	—	THPOSCAR +
TQ28.11	THPOSBIC (1=no; 2=yes)	—	THPOSMOT +
TQ28.12	THPOSWAT (1=no; 2=yes)	—	THPOSBIC +
TQ28.13	THPOSELC (1=no; 2=yes)	—	THPOSWAT +
TQ28.14	THPOSTAB (1=no; 2=yes)	—	THPOSELC +
			THPOSTAB – 13 (Max. 13)

Table 4.1(b).¹ Means, percentages, and sampling errors for age, gender, and socio-economic background of reading and mathematics teachers (SACMEQ II)

Region	Reading teacher						Mathematics teacher					
	Age (years)		Gender (female)		Possession at home (index)		Age (years)		Gender (female)		Possession at home (index)	
	Mean	SE	%	SE	Mean	SE	Mean	SE	%	SE	Mean	SE
Region 1												
Region 2												
Region 3												
Region 13												
National												

SACMEQ II Variables: ZXAGELVL, ZXSEX, ZXHPOS13, ZYAGELVL, ZYSEX, ZYHPOS13.

¹ ONLY for Group B Countries : Kenya, Malawi, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Uganda and Zanzibar.

Table 4.1(br).² Means, percentages, and sampling errors for age, gender, and socio-economic background of classroom teachers (SACMEQ II)

Region	Age (years)		Gender (female)		Possession at home (index)	
	Mean	SE	%	SE	Mean	SE
Region 1						
Region 2						
Region 3						
Region 13						
National						

SACMEQ II Variables: ZXAGELVL, ZXSEX, ZXHPOS13.

² ONLY for Group A Countries : Botswana, Lesotho, Mauritius and Zambia.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ3	TAGE (XAGE and YAGE)	ZXAGELVL (Reading) and ZYAGELVL (Math) (low thru 19=19) (20 thru 24=22) (25 thru 29=27) (30 thru 34=32) (35 thru 39=37) (40 thru 44=42) (45 thru 49=47) (50 thru 97=55)	—
TQ2	TSEX (XSEX and YSEX) (1=male; 2=female)	ZXSEX (Reading) and ZYSEX (Math) (1=0) (2=1)	—
TQ27.01	TPOS01 (XPOS01 and YPOS01) 1=no; 2=yes	—	ZXHPOS13 (Reading) = XPOS01 +XPOS02 + XPOS03 + XPOS04 + XPOS05 + XPOS06 + XPOS07 + XPOS09 + XPOS10 + XPOS11 + XPOS12 + XPOS13 + XPOS14 – 13 (Max.13) and ZYHPOS13 (Math) = YPOS01 + YPOS02 + YPOS03 + YPOS04 + YPOS05 + YPOS06 + YPOS07 + YPOS09 + YPOS10 + YPOS11 + YPOS12 + YPOS13 + YPOS14 – 13 (Max.13)
TQ27.02	TPOS02 (XPOS02 and YPOS02) 1=no; 2=yes	—	
TQ27.03	TPOS03 (XPOS03 and YPOS03) 1=no; 2=yes	—	
TQ27.04	TPOS04 (XPOS04 and YPOS04) 1=no; 2=yes	—	
TQ27.05	TPOS05 (XPOS05 and YPOS05) 1=no; 2=yes	—	
TQ27.06	TPOS06 (XPOS06 and YPOS06) 1=no; 2=yes	—	
TQ27.07	TPOS07 (XPOS07 and YPOS07) 1=no; 2=yes	—	
TQ27.09	TPOS09 (XPOS09 and YPOS09) 1=no; 2=yes	—	
TQ27.10	TPOS10 (XPOS10 and YPOS10) 1=no; 2=yes	—	
TQ27.11	TPOS11 (XPOS11 and YPOS11) 1=no; 2=yes	—	
TQ27.12	TPOS12 (XPOS12 and YPOS12) 1=no; 2=yes	—	
TQ27.13	TPOS13 (XPOS13 and YPOS13) 1=no; 2=yes	—	
TQ27.14	TPOS14 (XPOS14 and YPOS14) 1=no; 2=yes	—	

Table 4.2(a). Means and sampling errors for experience and training of reading teachers (SACMEQ I)

Region	Reading teacher			
	Experience (years)		Training (years)	
	Mean	SE	Mean	SE
Region 1				
Region 2				
Region 3				
Region 13				
National				

SACMEQ I Variables: TNUMYRS, XTQPROFE.

SACMEQ I			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ6	TNUMYRS	—	—
TQ5	TQPROFES (1=no TT; 2=LT 1yr; 3=1 year; 4=2 years; 5=3 years; 6=3+ yrs)	XTQPROFE (1=0) (2=0.5) (3=1) (4=2) (5=3) (6=4)	—

Table 4.2(b).³ Means and sampling errors for experience and training of reading and mathematics teachers (SACMEQ II)

Region	Reading teacher				Mathematics teacher			
	Experience (years)		Training (years)		Experience (years)		Training (years)	
	Mean	SE	Mean	SE	Mean	SE	Mean	SE
Region 1								
Region 2								
Region 3								
Region 13								
National								

SACMEQ II Variables: XEXPER, ZXQPROF, YEXPER, ZYQPROF.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ6	TEXPER (XEXPER and YEXPER)	—	—
TQ5	TQPROF (XQPROF and YQPROF) (1=no TT; 2=LT 1yr; 3=1 year; 4=2 years; 5=3 years; 6=3+ yrs)	ZXQPROF (Reading) and ZYQPROF (Math) (1=0) (2=0.5) (3=1) (4=2) (5=3) (6=4)	—

³ ONLY for Group B Countries : Kenya, Malawi, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Uganda and Zanzibar.

Table 4.2(br).⁴ Means and sampling errors for experience and training of classroom teachers (SACMEQ II)

Region	Experience (years)		Training (years)	
	Mean	SE	Mean	SE
Region 1				
Region 2				
Region 3				
Region 13				
National				

SACMEQ II Variables: XEXPER, ZXQPROF.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ6	XEXPER	—	—
TQ5	XQPROF (1=no TT; 2=LT 1yr; 3=1 year; 4=2 years; 5=3 years; 6=3+ yrs)	ZXQPROF (1=0) (2=0.5) (3=1) (4=2) (5=3) (6=4)	—

⁴ ONLY for Group A Countries : Botswana, Lesotho, Mauritius and Zambia.

**** Table 4.3(a).** Academic education of reading teachers (SACMEQ I)

Region	Average years of academic education	
	Mean	SE
Region 1		
Region 2		
Region 3		
Region 13		
National		

Note: The asterisks mean that it is not possible to make a direct comparison between Table 4.3(a) and Tables 4.3(b)/4.3(c)/4.3(br).

SACMEQ I Variable: XTQYRSED.

SACMEQ I			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ4.1	TQPRIMAR	—	XTQYRSED = TQPRIMAR + TQSECOND + TQPOSTSE
TQ4.2	TQSECOND	—	
TQ4.3	TQPOSTSE	—	

**** Table 4.3(b).⁵** Academic education of reading teachers (SACMEQ II)

Region	Primary		Junior secondary		Senior secondary		A-level		Tertiary	
	%	SE	%	SE	%	SE	%	SE	%	SE
Region 1										
Region 2										
Region 3										
Region 13										
National										

Note: The asterisks mean that it is not possible to make a direct comparison between Table 4.3(a) and Tables 4.3(b)/4.3(c).

SACMEQ II Variable: XQACAD.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ4	XQACAD (1=primary; 2=junior sec; 3=senior sec; 4=A-level; 5=tertiary)	—	—

⁵ ONLY for Group B Countries : Kenya, Malawi, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Uganda and Zanzibar.

**** Table 4.3(c).** ⁶ Academic education of mathematics teachers (SACMEQ II)

Region	Primary		Junior secondary		Senior secondary		A-level		Tertiary	
	%	SE	%	SE	%	SE	%	SE	%	SE
Region 1										
Region 2										
Region 3										
Region 13										
National										

Note: The asterisks mean that it is not possible to make a direct comparison between Table 4.3(a) and Tables 4.3(b)/4.3(c).

SACMEQ II Variable: YQACAD.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ4	YQACAD (1=primary; 2=junior sec; 3=senior sec; 4=A-level; 5=tertiary)	—	—

⁶ ONLY for Group B Countries : Kenya, Malawi, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Uganda and Zanzibar.

**** Table 4.3(br).⁷** Academic education of classroom teachers (SACMEQ II)

Region	Primary		Junior secondary		Senior secondary		A-level		Tertiary	
	%	SE	%	SE	%	SE	%	SE	%	SE
Region 1										
Region 2										
Region 3										
Region 13										
National										

Note: The asterisks mean that it is not possible to make a direct comparison between tables 4.3(a) and 4.3(br).

SACMEQ II Variable: XQACAD.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ4	XQACAD (1=primary; 2=junior sec; 3=senior sec; 4=A-level; 5=tertiary)	—	—

⁷ ONLY for Group A Countries : Botswana, Lesotho, Mauritius and Zambia.

**** Table 4.4(a).** Means and sampling errors for teacher in-service courses attended during career (SACMEQ I)

Region	In-services courses	
	Mean	SE
Region 1		
Region 2		
Region 3		
Region 13		
National		

Note: The asterisks mean that it is not possible to make a direct comparison between Table 4.4(a) and Table 4.4(b)/4.4(br).

SACMEQ I Variable: TINSERV.

SACMEQ I			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ7	TINSERV	—	—

**** Table 4.4(b).⁸** Means and sampling errors for teacher in-service courses and days attended in the last three years (SACMEQ II)

Region	Reading teacher				Mathematics teacher			
	In-services courses		Days		In-services courses		Days	
	Mean	SE	Mean	SE	Mean	SE	Mean	SE
Region 1								
Region 2								
Region 3								
Region 13								
National								

Note: The asterisks mean that it is not possible to make a direct comparison between Table 4.4(a) and Table 4.4(b).

SACMEQ II Variables: XINSERVC, XINSERVD, YINSERVC, YINSERVD.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ7	TINSERVC (XINSERVC and YINSERVC)	—	—
TQ8	TINSERVD (XINSERVD and YINSERVD)	—	—

⁸ ONLY for Group B Countries : Kenya, Malawi, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Uganda and Zanzibar.

**** Table 4.4(br).⁹** Means and sampling errors for classroom teacher in-service courses and days attended in the last three years (SACMEQ II)

Region	In-services courses		Days	
	Mean	SE	Mean	SE
Region 1				
Region 2				
Region 3				
Region 13				
National				

Note: The asterisks mean that it is not possible to make a direct comparison between Table 4.4(a) and 4.4(br).

SACMEQ II Variables: XINSERVC, XINSERVD.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ7	XINSERVC	—	—
TQ8	XINSERVD	—	—

⁹ ONLY for Group A Countries : Botswana, Lesotho, Mauritius and Zambia.

[illegible]

SACMEQ II variables : ZXCONDLI, ZYCONDLI.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
TQ31	TCONDLIV (1=generally poor; 2=major repair; 3=minor repair; 4=generally good)	XTCONDLI (1 thru 2=0) (3 thru 4=1)	TQ30	TLIVING (XLIVING and YLIVING) (1=generally poor; 2=major repair; 3=minor repair; 4=generally good)	ZXCONDLI (Reading) and ZYCONDLI (Math) (1 thru 2=0) (3 thru 4=1)

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[illegible]

SACMEO II variable : ZXCONDLI.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
TQ31	TCONDLIV (1=generally poor; 2=major repair; 3=minor repair; 4=generally good)	XTCONDLI (1 thru 2=0) (3 thru 4=1)	TQ30	XLIVING (1=generally poor; 2=major repair; 3=minor repair; 4=generally good)	ZXCONDLI (1 thru 2=0) (3 thru 4=1)

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