Knowledge, Attitude and Practice of Antibiotics and their Determinants in Eritrea: Urban Population-based Survey

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Supplementary file 5: Comparison of attitude scores on antibiotics and antibiotic resistance across the categories of demographic characteristics at bivariate level, Eritrea, 2019.

Characteristics	Mean (SD)	F/t Value	p-value	p-value trend (Type of trend)	Post Hoc Test	
					Pair wise comparison	Group wise comparison
Age						
24 or less **A**	22.10 (3.81)					
25 to 34 **B**	22.50 (3.31)			0.034		Group 1: A, B,
35 to 44 **C**	22.25 (3.66)	2.97*	0.019	(quadratic)	A=B=C=D=E,	C, D and E
45 to 54 **D**	22.80 (3.47)					
55 and above **E**	22.07 (3.76)					
Gender						
Male	23.0 (3.86)	4.92	<0.0001	-	M>F	-
Female	22.13 (3.48)					
Religion						
Christian	22.37 (3.54)	0.7	0.488	-	-	-
Muslim	22.24 (3.80)					
Educational Level						
Illiterate	21.36 (3.64)				I=P, I<M, I<S,	Group 1: I
Primary	22.14 (3.46)			<0.0001	I<H, P=M, P=S,	Group 2: P, S
Middle	22.34 (3.65)	10.76	<0.0001	(linear)	P<H, M=S,	and M
Secondary	22.32 (3.52)				M<H, S<H	Group 3:H
Higher	23.16 (3.62)					
Family Size						
One	21.86 (3.42)					
Two to three	22.25 (3.46)	1.2	0.300	-	-	-
Four or more	22.39 (3.64)					
Occupation						
Governmental	22.93 (3.73)				G=P, G=H,	
Private employee	22.04 (3.32)				G=Se, G>U,	
House wife	22.30 (3.51)				G=St, G=F,	
Self-employed	22.62 (3.48)				G=O, P=H,	
Unemployed	21.69 (3.38)				P=Se, P=U, P=U,	
Student	21.82 (3.85)	4.95	<0.0001	-	P=St, P=O,	Group1:F, U,
Farmer/Fisher	21.65 (3.92)				H=Se, H=U,	St, O, H, G, and
					H=St, H=F, H=O,	Se
					Se=U, Se=St,	
					Se=F, Se=O,	
					U=St, U=F, U=O,	
					St=F, St=O, F=O	
Zone						
Anseba	23.19 (3.43)				A=De, A=G,	
Debub	22.27 (3.35)				A>M, A=S,	
Gash Barka	23.24 (3.73)				A=D, De=M,	Group 1: A,
Maekel	22.01 (3.62)	8.87	<0.0001	-	De<G, De=S,	De, M, S, and D
SKB	22.76 (3.20)				De=D, G>M,	Group 2: A,
DKB	21.73 (4.32)				G=S, G=D, M=S,	De, M, S, and G
					M=D, S=D	

* Welch test statistic was used to obtain robust result; SKB: Semenawi Keih Bahri; DKB: Debubawi Keih Bahri.