

Figure S1. Proportion of correct responses provided by 2004 Singapore residents on statements related to knowledge of antibiotics.

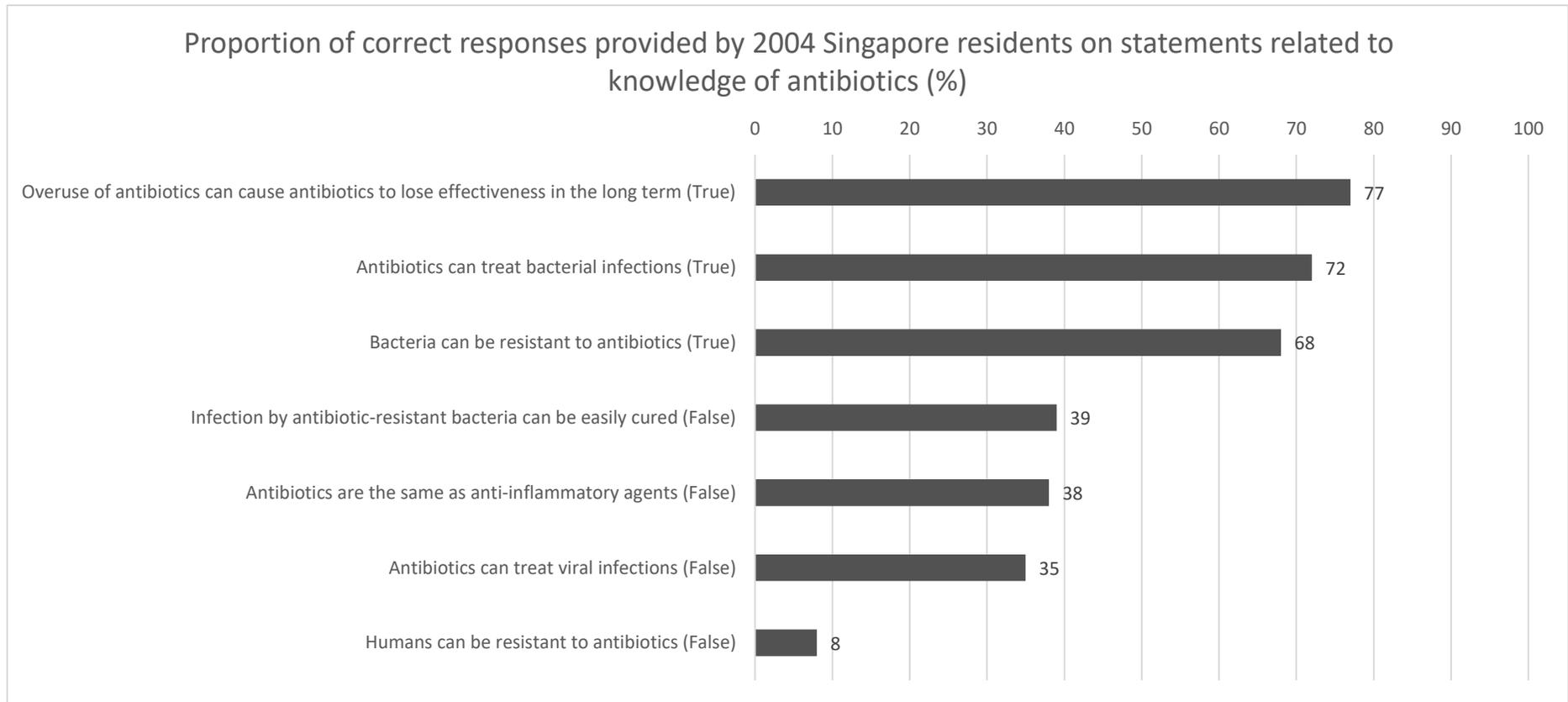


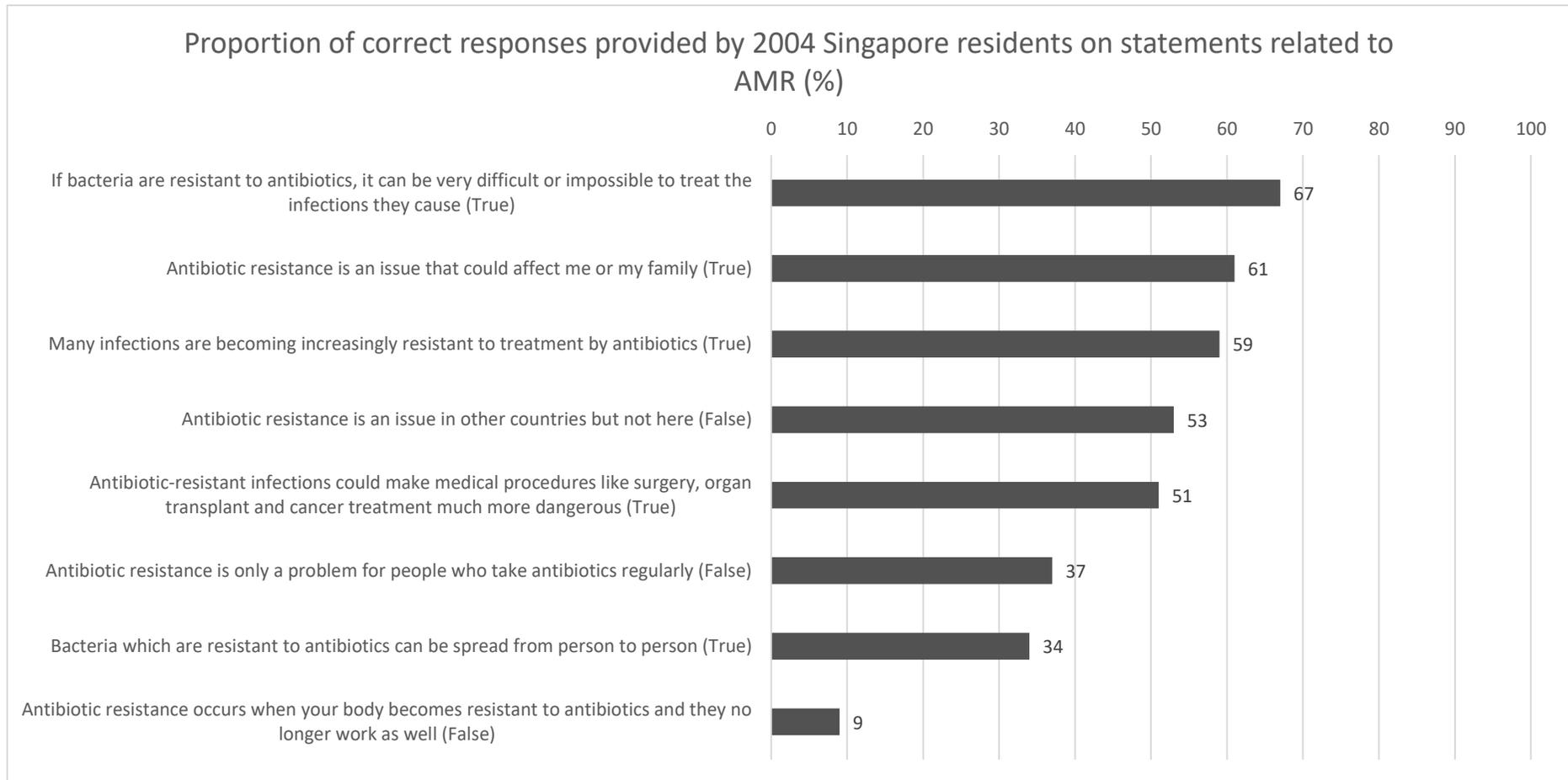
Table S1. Proportion of correct responses provided by 2004 Singapore residents on which medical condition warrants antibiotics.

Medical condition	Responses from 2004 Singapore residents		
	Correct response, %	Incorrect response, %	Don't know, %
<i>Bladder infection or urinary tract infection</i>	64	10	26
<i>Skin or wound infection</i>	57	20	23
<i>Common cold or flu</i>	39	47	13
<i>COVID-19</i>	43	12	45

Supplementary Table S2: Proportion of 2004 Singapore residents who had ever heard of terms related to AMR

Term	Responses from 2004 Singapore residents	
	Ever heard of this term, %	Top 3 sources of information, %
<i>Antibiotic resistance</i>	76	Doctor or nurse: 52
		Media (TV, radio, etc.): 29
		Family or friend: 27
<i>Drug resistance</i>	69	Doctor or nurse: 31
		Media (TV, radio, etc.): 23
		Social media: 19
<i>Antibiotic-resistant bacteria</i>	64	Doctor or nurse: 26
		Media (TV, radio, etc.): 21
		Social media: 18
<i>Superbugs</i>	57	Media (TV, radio, etc.): 26
		Social media: 20
		Doctor or nurse: 17
<i>Antimicrobial resistance</i>	42	Doctor or nurse: 32
		Media (TV, radio, etc.): 30
		Social media: 26
<i>AMR</i>	24	Doctor or nurse: 32
		Social media: 15
		Media (TV, radio, etc.): 12

Supplementary Figure S2: Proportion of correct responses provided by 2004 Singapore residents on statements related to AMR



Supplementary Table S3: Proportion and mean score of self-reported antibiotic practices of 2004 Singapore residents on a 5-point Likert scale

Statement	Strongly agree/Agree, %	Neither agree nor disagree, %	Strongly disagree/Disagree, %	Mean (SD)
<i>I will take antibiotics according to the instructions on the label</i>	90	5	5	4.294 (0.894)
<i>I will normally look at the expiry date of antibiotics before taking them</i>	85	7	8	4.216 (0.990)
<i>I normally stop taking antibiotics when I start feeling better</i>	30	9	61	2.512 (1.314)
<i>I normally keep antibiotic stocks at home in case of emergency</i>	18	15	68	2.273 (1.133)
<i>I might stop taking the antibiotic after I forget a dose</i>	15	16	69	2.277 (1.016)
<i>I will save leftover antibiotics for future use</i>	12	9	79	1.873 (1.087)
<i>I will take leftover antibiotics when I think I need them</i>	11	8	81	1.891 (1.017)
<i>If my family member is sick, I will usually give my antibiotics to them</i>	9	11	81	1.837 (1.005)
<i>I will see another doctor if my doctor does not give me antibiotics</i>	6	13	81	1.919 (0.871)

Supplementary Table S4: Proportion and mean score of self-reported antibiotic practices of 2004 Singapore residents for common cold and flu, before and during COVID-19 pandemic, on a 5-point Likert scale

Statement	Strongly agree/Agree, N (%)	Neither agree nor disagree, N (%)	Strongly disagree/Disagree, N (%)	Mean (SD)	P-value
<i>Before the COVID-19 pandemic, when I get a cold/flu, I will take antibiotics to help me get better more quickly</i>	16	18	66	2.284 (1.085)	0.229
<i>During the COVID-19 pandemic, when I get a cold/flu, I will take antibiotics to help me get better more quickly</i>	16	22	62	2.326 (1.092)	
<i>Before the COVID-19 pandemic, when I get a cold/flu, I will take antibiotics to prevent my condition from getting worse</i>	19	21	61	2.386 (1.097)	0.023
<i>During the COVID-19 pandemic, when I get a cold/flu, I will take antibiotics to prevent my condition from getting worse</i>	21	22	57	2.467 (1.134)	
<i>Before the COVID-19 pandemic, I expect antibiotics to be prescribed by my doctor if I suffer from common cold/flu symptoms</i>	21	23	56	2.484 (1.118)	0.016
<i>During the COVID-19 pandemic, I expect antibiotics to be prescribed by my doctor if I suffer from common cold/flu symptoms</i>	24	24	52	2.570 (1.140)	