

Table 4 GEE analyses by country for exclusive use of RYO compared to exclusive use of factory-made cigarettes (using weighted data and row percentages).

Variable	United Kingdom			France			Netherlands			Germany			Between-Country Comparison	
	RYO Use Only ¹ (%)	OR (95% CI)	P-value	RYO Use Only ¹ (%)	OR (95% CI)	P-value	RYO Use Only ¹ (%)	OR (95% CI)	P-value	RYO Use Only ¹ (%)	OR (95% CI)	P-value	OR (95% CI)	P-value
Survey Mode														
Telephone	30.3	Reference	-	-	-	-	41.3	Reference	-	-	-	-	Reference	-
Web	35.7	.88 (.76-1.02)	.088	-	-	-	43.1	.96 (.75-1.23)	.735	-	-	-	.92 (.82-1.04)	.174
Overall			.088											.253
Income														
Low	31.0	Reference		22.1	Reference		45.2	Reference		18.5	Reference		Reference	
Medium	34.4	.91 (.82-1.04)	.096	19.1	.95 (.79-1.26)	.525	48.2	.99 (.87-1.14)	.907	16.5	.86 (.58-.96)	.025	.96 (.88-1.05)	.411
High	23.8	.73 (.64-.86)	<.001	11.2	.62 (.48-.81)	<.001	36.6	.83 (.70-.97)	.021	17.1	.73 (.56-.96)	.019	.77 (.69-.86)	<.001
No Answer overall	40.6	1.11 (.97-1.32)	.119	13.6	.85 (.56-1.28)	.454	42.4	.88 (.76-1.02)	.098	10.9	.65 (.47-.89)	.007	.90 (.81-1.01)	.060
Overall			<.001			<.001			.006			.044		<.001
Education														
Low	32.0	Reference		21.9	Reference		59.5	Reference		15.4	Reference		Reference	
Medium	27.0	.80 (.68-.95)	.009	14.6	.73 (.58-.90)	.004	40.2	.43 (.34-.53)	<.001	14.0	1.29 (.92-1.81)	.137	.79 (.72-.88)	<.001
High	33.2	.91 (.70-1.19)	.474	11.6	.67 (.50-.87)	.003	25.6	.68 (.58-.82)	<.001	19.3	1.07 (.80-1.54)	.653	.68 (.60-.77)	<.001
Overall			.034			.002						.280		<.001
Gender														
Male	41.5	Reference		22.0	Reference		56.5	Reference		19.7	Reference		Reference	
Female	20.1	.38 (.31-.47)	<.001	11.5	.43 (.35-.53)	<.001	27.2	.24 (.20-.30)	<.001	12.3	.62 (.46-.83)	.002	.38 (.34-.42)	<.001
Overall			<.001			<.001						.002		<.001
Age														
18-24	37.4	Reference		10.8	Reference		10.7	Reference		9.4	Reference		Reference	
25-39	31.6	.77 (.55-1.06)	.086	17.8	1.83 (1.29-2.61)	.001	30.8	4.50 (2.92-7.25)	<.001	16.4	1.94 (1.12-3.36)	.019	1.60 (1.31-1.96)	<.001
40-54	30.4	.66 (.48-.91)	.011	20.3	2.10 (1.47-3.01)	<.001	54.3	10.92 (8.92-12.22)	<.001	22.1	3.09 (1.82-5.25)	<.001	2.41 (1.98-2.92)	<.001
55+	27.0	.49 (.35-.70)	<.001	14.6	1.42 (.94-2.14)	.101	51.2	14.44 (11.25-16.56)	<.001	10.4	1.18 (.64-2.18)	.580	1.73 (1.41-2.12)	<.001
Overall			<.001			<.001			<.001			<.001		<.001
HSI														
0-1	24.3	Reference		12.9	Reference		25.3	Reference		10.7	Reference		Reference	
2-4	32.2	1.27 (1.10-1.46)	.001	20.8	1.24 (1.03-1.51)	.027	50.3	1.81 (1.47-2.22)	<.001	20.2	1.30 (1.08-1.57)	.005	1.32 (1.22-1.44)	<.001
5-6	30.8	1.20 (.98-1.48)	.084	21.7	1.25 (.85-1.85)	.263	53.2	1.52 (1.33-1.74)	<.001	20.5	1.40 (1.01-1.94)	.044	1.37 (1.21-1.55)	<.001
overall			.004			.004			<.001			.017		<.001
Intention to Quit														
No	33.3	Reference		18.5	Reference		46.1	Reference		18.0	Reference		Reference	
Yes	24.7	.99 (.92-1.08)	.876	14.3	.82 (.72-.94)	.004	30.2	.87 (.80-.95)	.002	10.0	.85 (.70-1.03)	.089	.88 (.84-.93)	<.001
Overall			.876			.004			.002			.089		<.001
Country	27.3			14.6			33.7			14.2				
UK	-	-	-	-	-	-	-	-	-	-	-	-	Reference	-
FR	-	-	-	-	-	-	-	-	-	-	-	-	.43 (.36-.51)	<.001
NL	-	-	-	-	-	-	-	-	-	-	-	-	1.99 (1.68-2.36)	<.001
DE	-	-	-	-	-	-	-	-	-	-	-	-	.44 (.36-.53)	<.001
overall														<.001
Survey Period														
1	29.8	Reference		14.4	Reference		41.6	Reference		14.8	Reference		Reference	

2	28.8	1.07 (1.01-1.13)	.018	15.3	1.11 (1.02-1.22)	.022	42.6	1.03 (.97-1.10)	.314	16.6	.99 (.88-1.12)	.866	1.05 (.99-1.11)	.082
3	35.3	1.22 (1.12-1.33)	<.001	22.5	1.66 (1.44-1.91)	<.001	44.9	1.07 (1.00-1.40)	.051	20.8	1.12 (.99-1.26)	.082	1.21 (1.11-1.31)	<.001
Overall			<.001						.145			.138		<.001

^aReported proportion of RYO only use by socio-demographics represents RYO consumption over three time periods. ^bSurvey mode is applicable to the UK and Netherlands surveys only.