Figure legends

Figure 1. Flowchart showing the selection process.

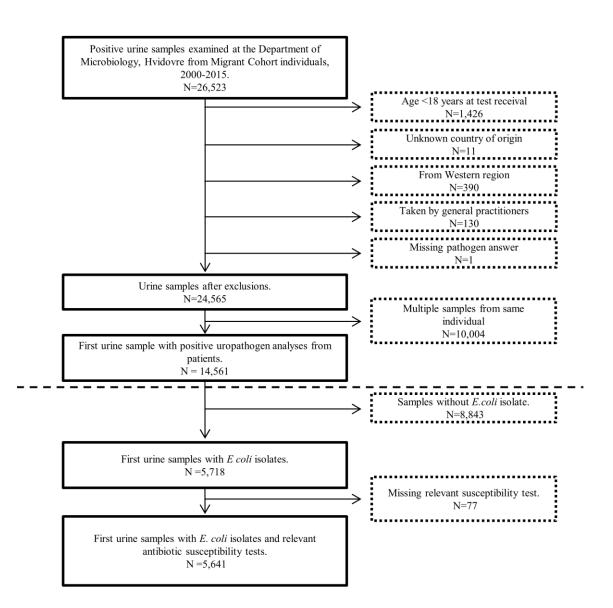


Figure 2. Antibiotic susceptibility among *E. coli* isolates in first urine samples from migrants and non-migrants from 2000-2015.

OR adjusted for test year, Charlson index, income, sex and age at test.

OR; Odds Ratio. CI; Confidence Interval. R/No. total; Resistant isolates / Total number of

isolates tested. SXT; Sulfamethoxazol-Trimethoprim. CIP; Ciprofloxacin. GEN; Gentamicin.

CXM; Cefuroxim. TZP; Piperacillin-Tazobactam. AMP; Ampicillin.

*Significant difference between OR for family reunited and refugees. (SXT p<0.001. GEN

p=0.004. AMP p=0.002)

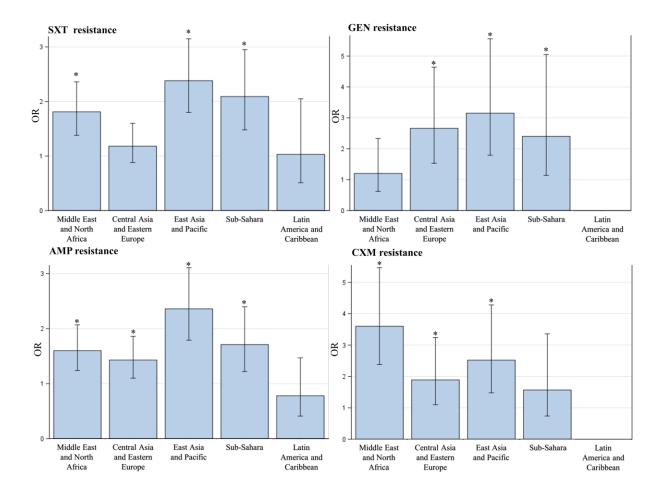
	R/ No. Total	Percentage		OR (95%CI)	p-value
SXT resistance					
Non-migrants	1070/4619	23.2	•	1.00 (ref)	
All migrants	350/1020	34.3	H●H	1.73 (1.47-2.03)	<.001
Refugees	97/349	27.8		1.28 (1.00-1.65)*	0.054
Family-reunited migrants	253/671	37.7	⊢●⊣	2.05 (1.69-2.48)*	<.001
CIP resistance					
Non-migrants	67/3092	2.2	•	1.00 (ref)	
All migrants	36/618	5.8		2.20 (1.37-3.53)	0.001
Refugees	16/224	7.1		2.43 (1.28-4.59)	0.006
Family-reunited migrants	20/394	5.1	⊢ −−−1	2.10 (1.18-3.73)	0.012
GEN resistance					
Non-migrants	110/2328	4.7	•	1.00 (ref)	
All migrants	61/565	10.8	⊢●⊣	2.33 (1.63-3.34)	<.001
Refugees	15/209	7.2	⊢ – – – – – – – – – – – – – – – – – – –	1.33 (0.74-2.40)*	0.338
Family-reunited migrants	46/356	12.9		3.04 (2.04-4.55)*	<.001
CXM resistance				: several factors of a context	
Non-migrants	158/4618	3.4	•	1.00 (ref)	
All migrants	87/1019	8.5	⊢●⊣	2.40 (1.77-3.24)	<.001
Refugees	31/348	8.9	•	2.18 (1.42-3.35)	0.004
Family-reunited migrants	56/671	8.3	⊢●1	2.63 (1.84-3.77)	<.001
AMP resistance					
Non-migrants	1882/4616	40.8	•	1.00 (ref)	
All migrants	523/1018	51.4	I●	1.65 (1.42-1.92)	<.001
Refugees	165/348	47.4	H●H	1.34 (1.07-1.68)*	0.012
Family-reunited migrants	358/670	53.4	I ●I	1.89 (1.58-2.28)*	<.001
TZP resistance					
Non-migrants	65/1532	4.2	•	1.00 (ref)	
All migrants	30/432	6.9	⊢ ●──1	1.43 (0.82-2.47)	0.205
Refugees	10/168	6.0	⊢	1.31 (0.58-2.98)	0.518
Family-reunited migrants	20/264	7.6	H	1.68 (0.88-3.21)	0.120
		Т	- 	2 C C C C C C C C C C C C C C C C C C C	
		.2	5.512345	6	

Figure 3. Antibiotic susceptibility among *E. coli* isolates in first urine samples from migrants and non-migrants grouped by region of origin.

Non-migrant individuals as the reference group with odds ratio 1.

Odds ratio adjusted for test year, Charlson index, income, sex and age at test.

*; Significantly different from non-migrants.



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