

Output panel and output box	Output type	Content	Modification options
<b>Patients</b>			
Subspecialties in selection	Bubble chart (a)	Patients per subspecialty	Show top 10 by number of patients
Subspecialties-table	Table	Total number of patients and per subspecialty	(b)
Patient age	Density plot (distribution)	Age distribution in selection	Group by gender
Number of admissions	Run chart	Count of admissions per time period	Per year, per quarter, or per month
<b>Antimicrobials</b>			
Antimicrobials	Bar chart	(Group of) antimicrobials sorted by prescription, DDD (c), or DOT (d)	Single antimicrobials or groups; Select prescription count, DDD, or DOT per 100 bed days
DDD	Run chart	DDD per 100 bed days per group and per time period	Group by none, specialty, subspecialty, and origin; Per year, per quarter, and per month
DOT	Run chart	DOT per 100 bed days per group and per time period	Group by none, specialty, subspecialty, and origin; Per year, per quarter, and per month
DDD/DOT table	Table	Summary of DDD/DOT per 100 bed days per group	DDD or DOT per 100 bed days; Group by antimicrobial (group), year, specialty, subspecialty, and origin
<b>Diagnostics</b>			
Diagnostics in selected patients	Bar chart	Diagnostics taken versus not taken in specified timespan	Count or proportion; Per year, quarter, or month
Timing of selected diagnostics	Bar chart	Time of diagnostics performed in days after start of treatment	(b)
Diagnostics in relation	Bar chart	Absolute difference from average proportion of selected diagnostics performed	Group by antimicrobial (group), year, specialty, subspecialty, and origin
Table - Proportion performed	Table	Summary of proportion of diagnostics performed	Group by antimicrobial (group), year, specialty, subspecialty, and origin
First isolates in selected diagnostics	Bar chart	First isolates of microorganisms sorted by frequency	Group by antimicrobial (group), year, specialty, subspecialty, and origin; Zoom to select more or less isolates shown in graph
First isolates - table	Table	Frequency table of first isolates	Group by year, specialty, subspecialty, and origin
Resistance analysis	Bar chart	Count or proportion of resistance or co-resistance to selected antimicrobials in selected isolates in “R,” “S,” and “I” categories	Select isolates; Select antimicrobials; Group by year, specialty, subspecialty, and origin; Select count or proportion
Resistance - over time	Run chart	Count of resistance or co-resistance to selected antimicrobials in selected isolates in “R,” “S,” and “I” categories over time	Select isolates; Select antimicrobials; Per year, per quarter, or per month
Table	Table	Count or proportion of resistance or co-resistance to selected antimicrobials in selected isolates in “R,” “S,” and “I” categories	Group by year, month, quarter, specialty, subspecialty, and origin; Select isolates; Select antimicrobials; Select count or proportion
<b>Outcome</b>			
Length of stay	Density plot or histogram	Distribution of length of stay per group	Group by all, gender, year, antimicrobial (group), diagnostics performed, specialty, subspecialty, and origin; Show histogram; Show legend; Spread out to remove overlaps
Length of stay - Kaplan-Meier	Kaplan-Meier curve	Kaplan-Meier curve per group	(Groups shown as selected in Length-of-stay-box)
Length of stay - table	Table	Summary of length of stay per group	Group by gender, year, antimicrobial (group), diagnostics performed, specialty, subspecialty, and origin

a) Interactive plot showing additional information when hovering over plot.

b) Not applicable

c) DDD: defined daily doses.

d) DOT: days of therapy