



Belgian Cancer Registry



academic session

3/12/2018

13 Years Belgian Cancer Registry

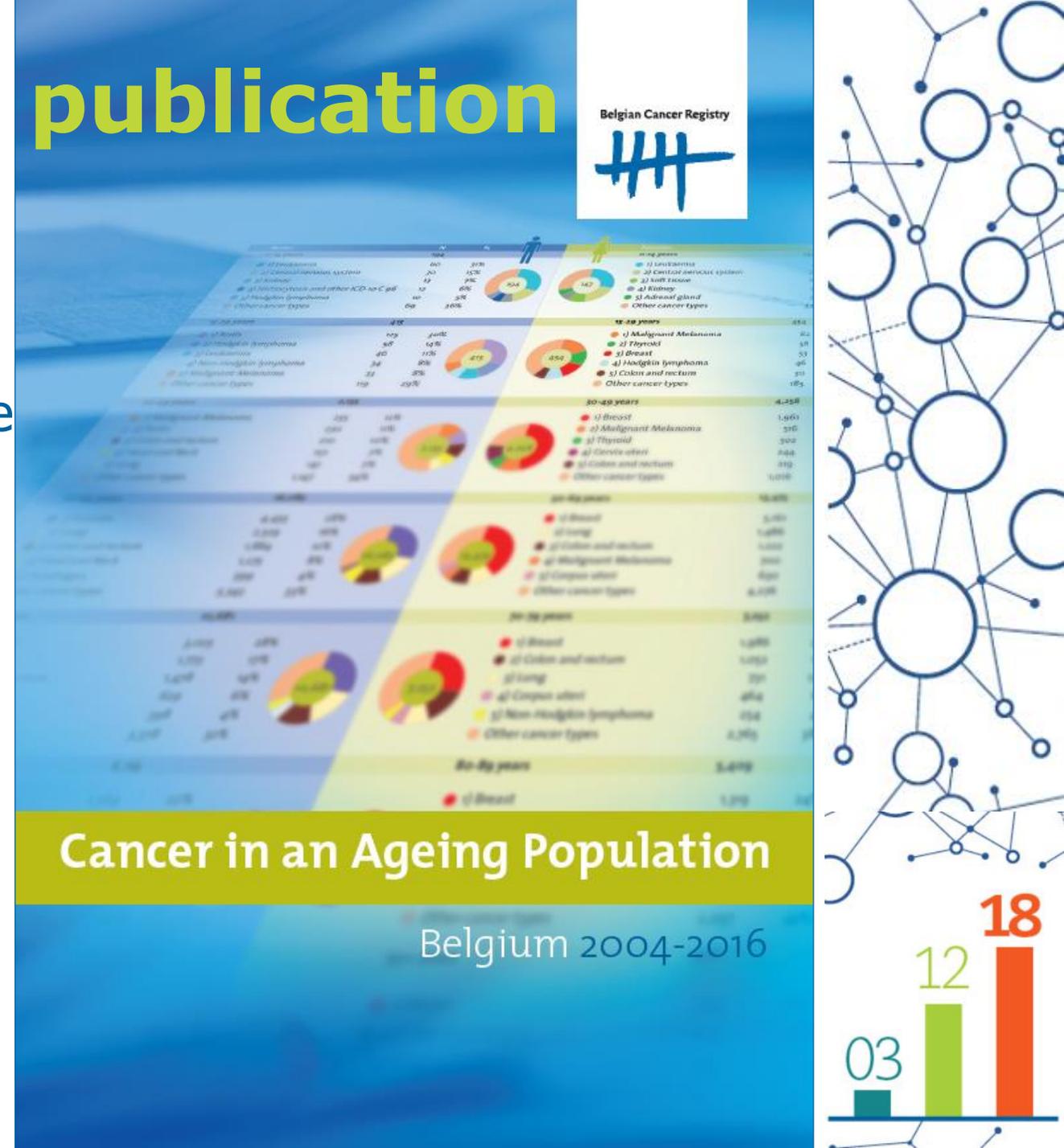
Cancer in an Ageing Population

Lien van Walle

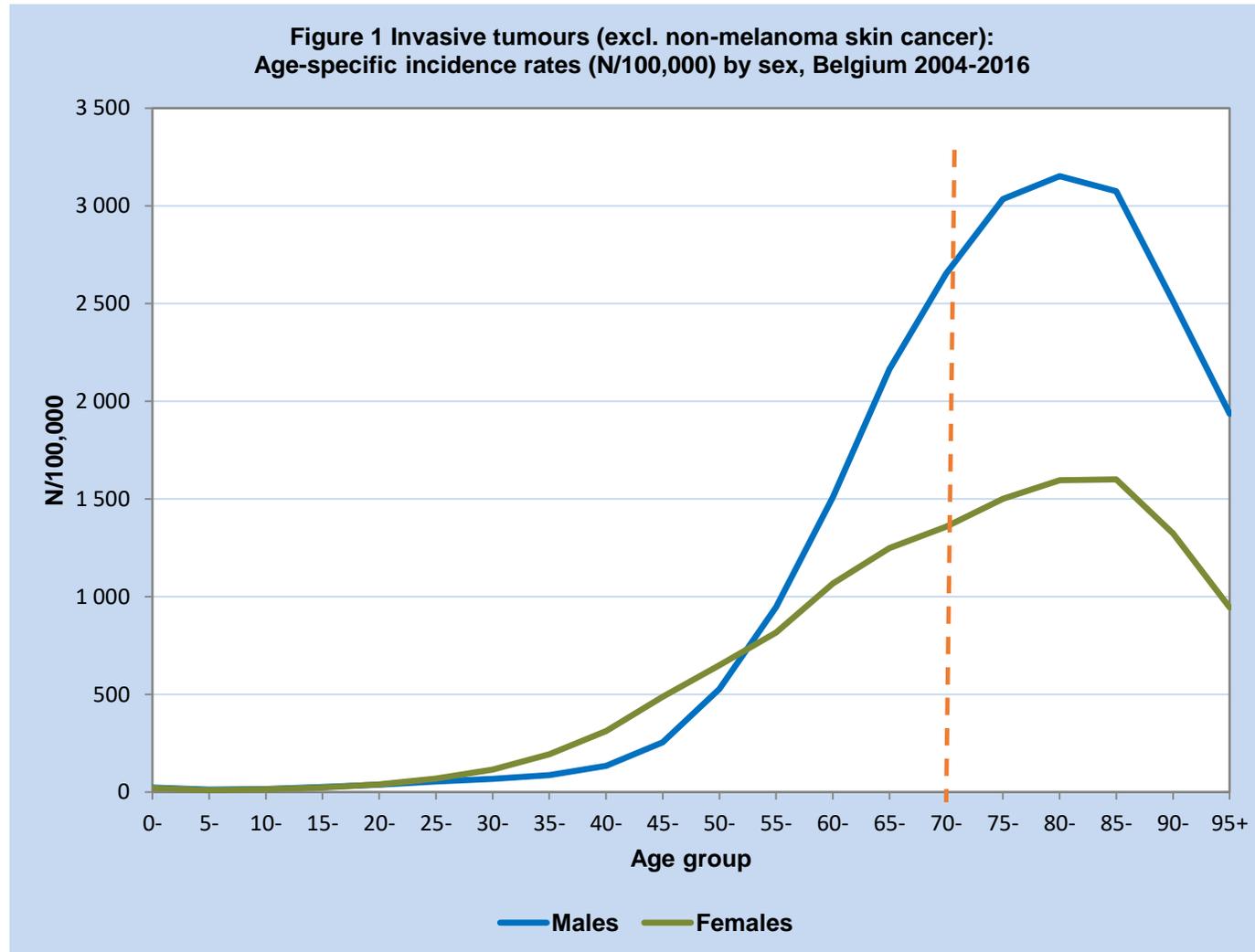


Structure of the publication

1. Introduction
2. Availability and quality of incidence data in the older population
3. Cancer burden in an ageing population
4. Capita Selecta
5. Appendix



Is cancer incidence higher in the older population?



46 %
of total
incidence in
70+



What are the largest tumour-related differences according to age?

Common cancers	More/less frequent in older people
Colon	Stomach ↑
Rectum	Bladder ↑
Lung	Head & Neck ↓
Breast	Melanoma ↓
Prostate	Thyroid ↓
	Cervix uteri ↓

- **15-69 years**
- **70-79 years**
- **80+ years**

Incidence

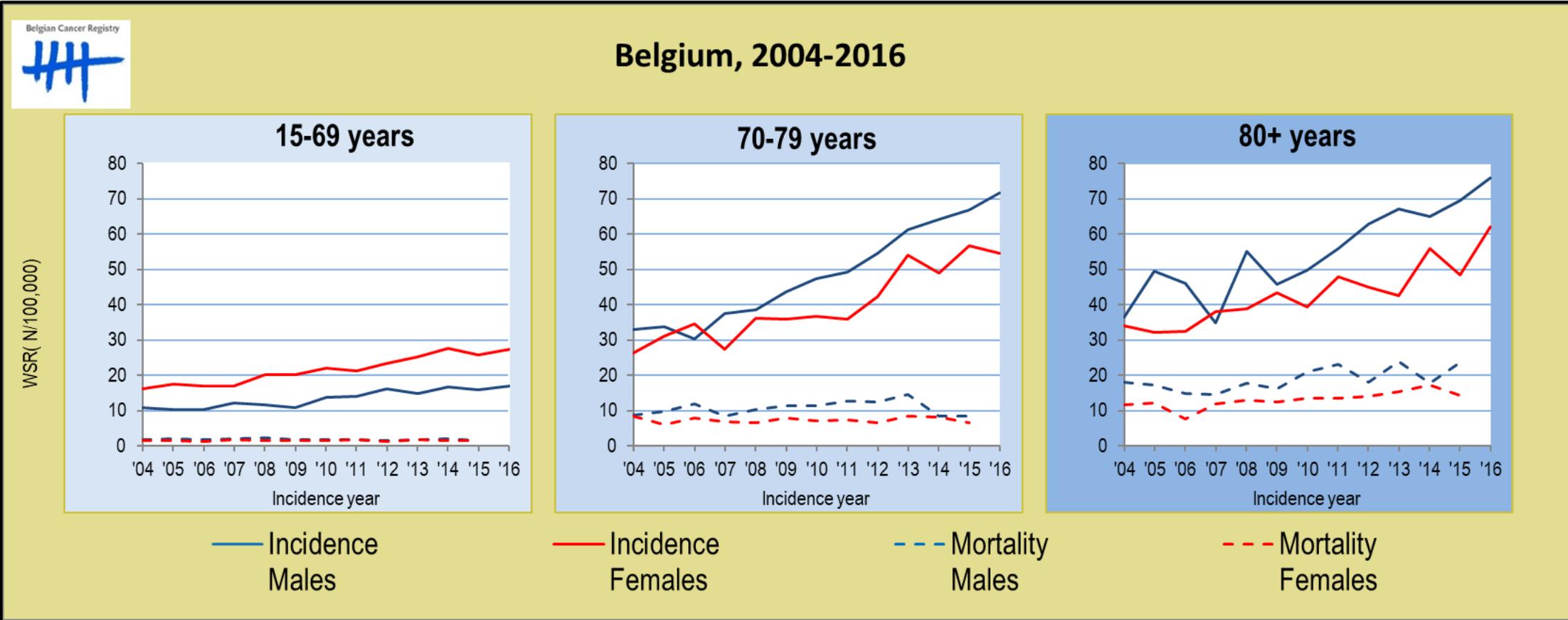
Mortality

Prevalence

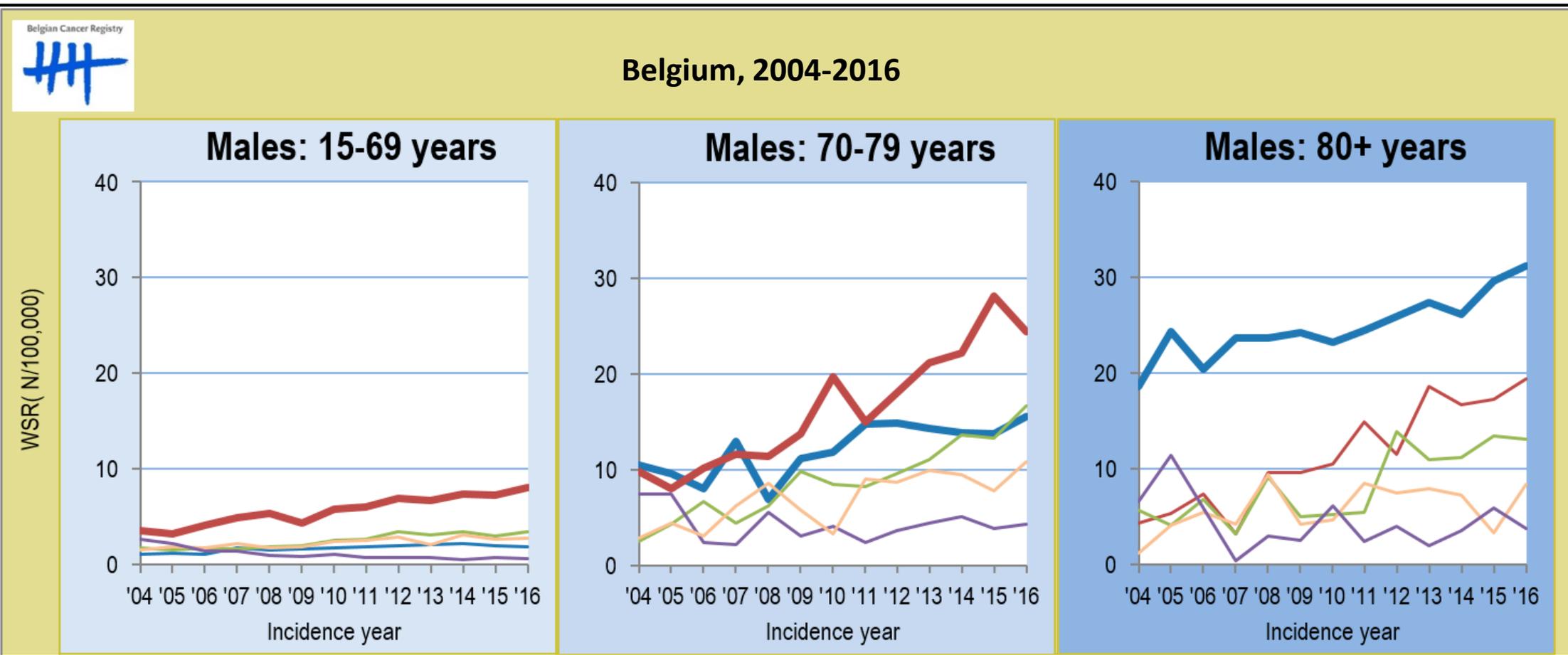
Survival



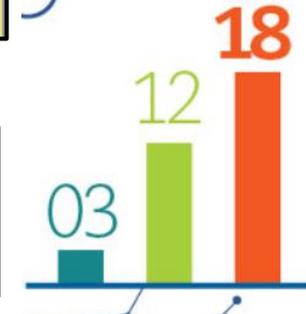
Trends in incidence & mortality : melanoma



Trends in incidence by localisation : melanoma



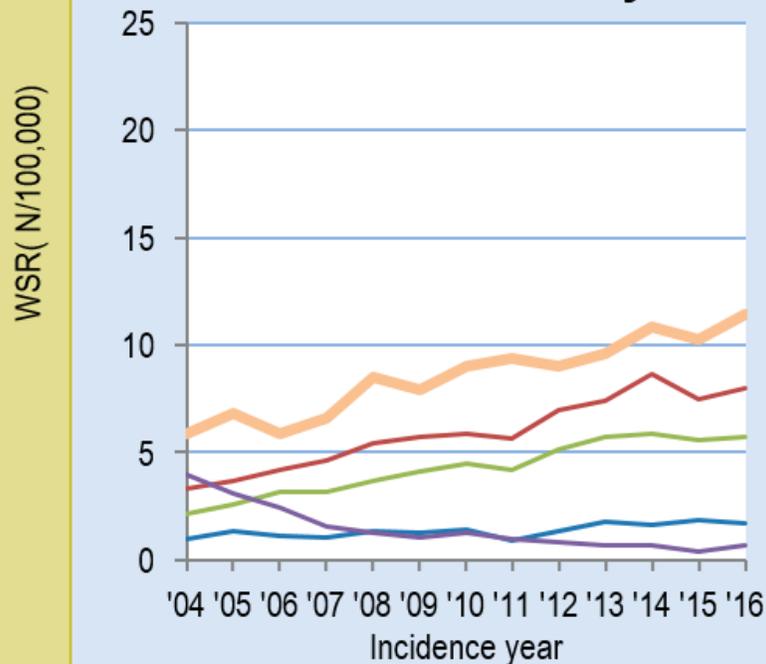
— Head — Trunk — Upper limbs — Lower limbs — Unspecified



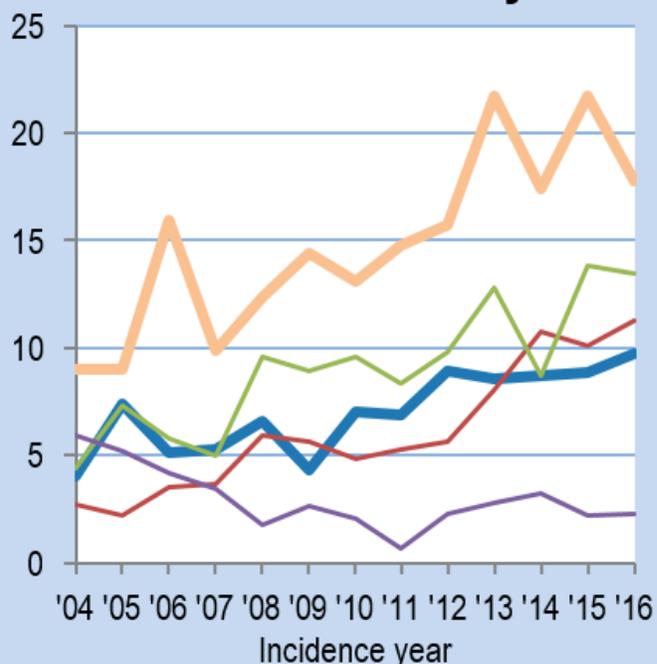
Trends in incidence by localisation : melanoma

Belgium, 2004-2016

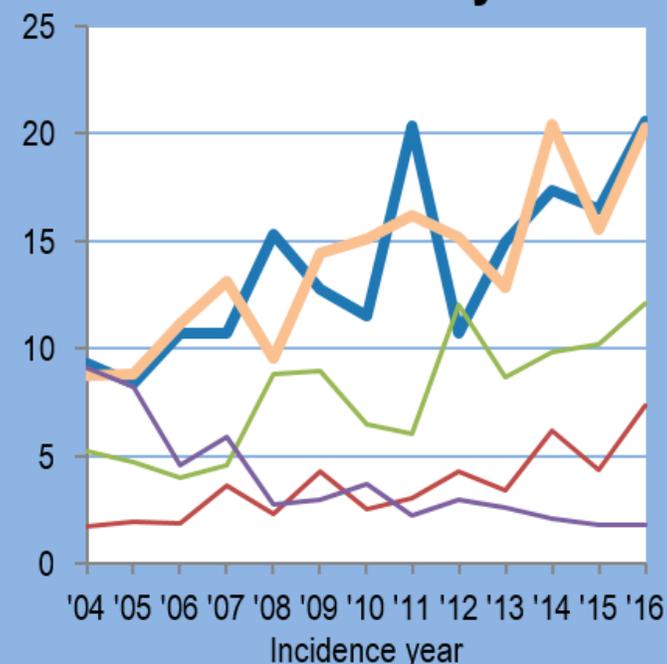
Females: 15-69 years



Females: 70-79 years



Females: 80+ years

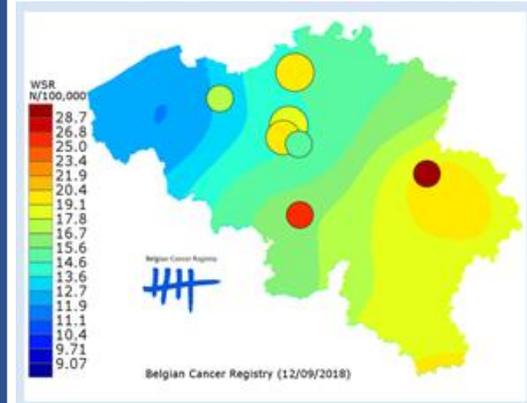
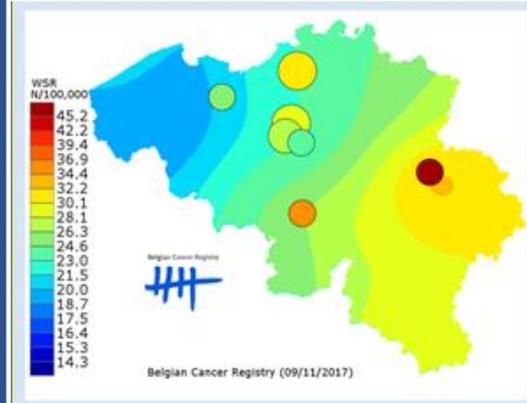


— Head — Trunk — Upper limbs — Lower limbs — Unspecified

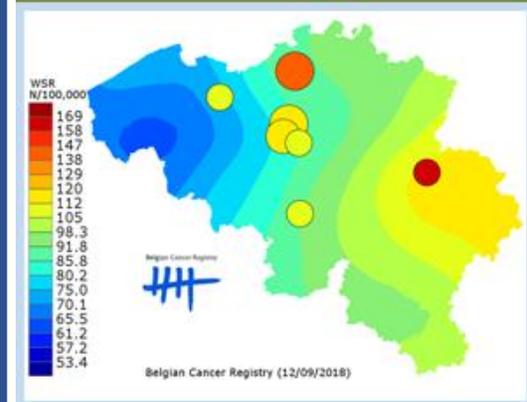
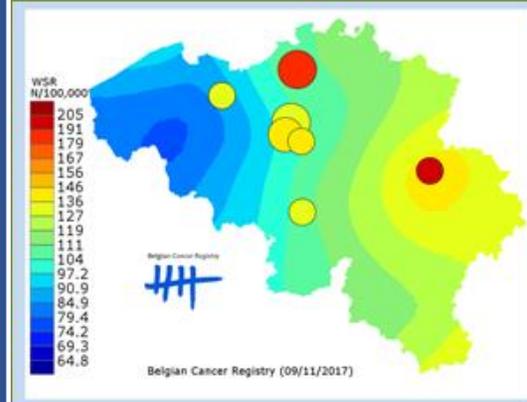


Trends in incidence & mortality : lung

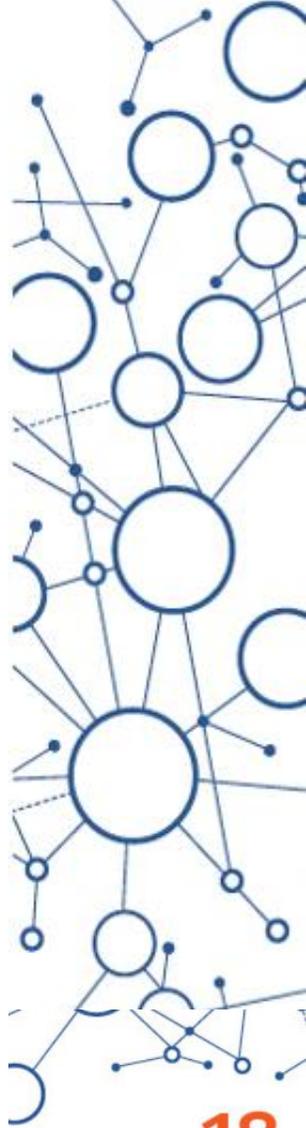
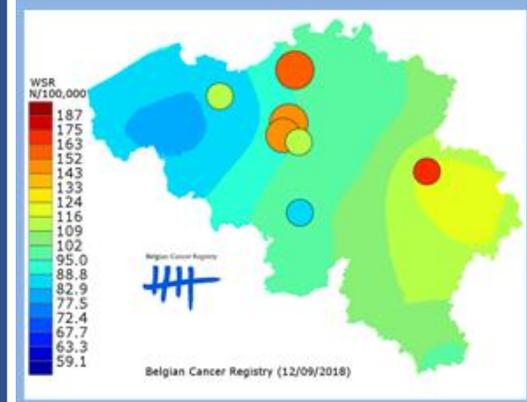
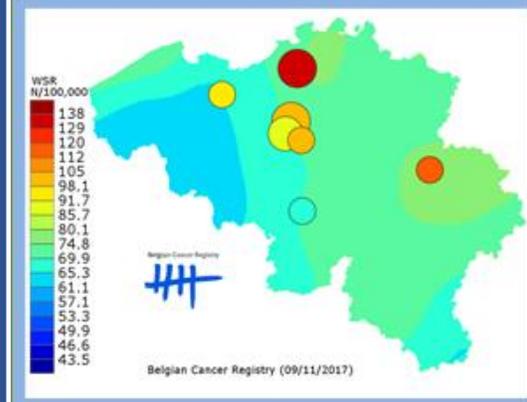
F 15-69 y



F 70-79 y



F 80+ y

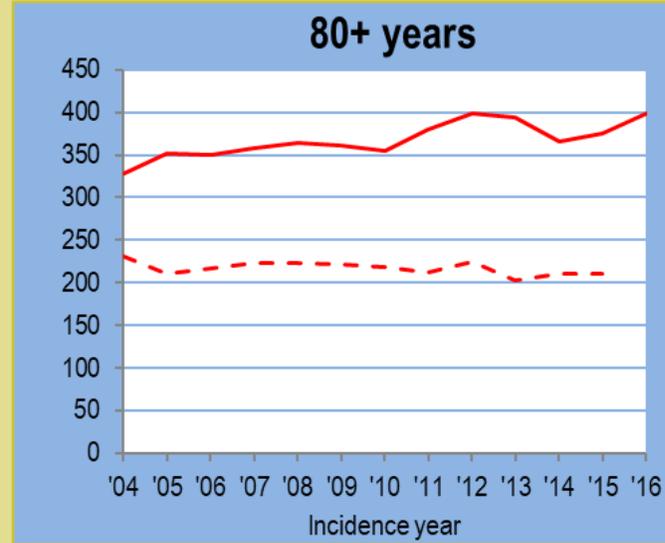
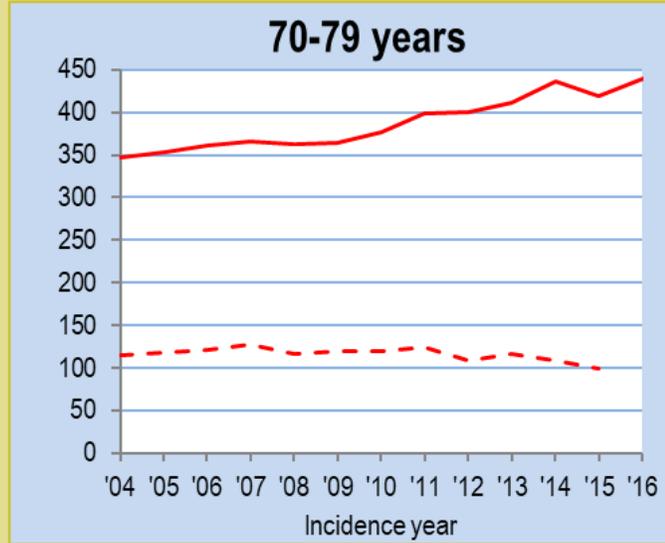
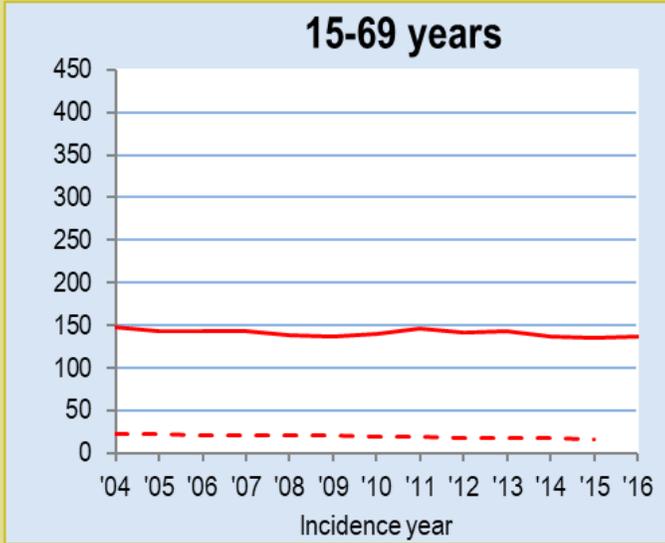


Trends in incidence & mortality : breast



Belgium 2004-2016

WSR(N/100,000)

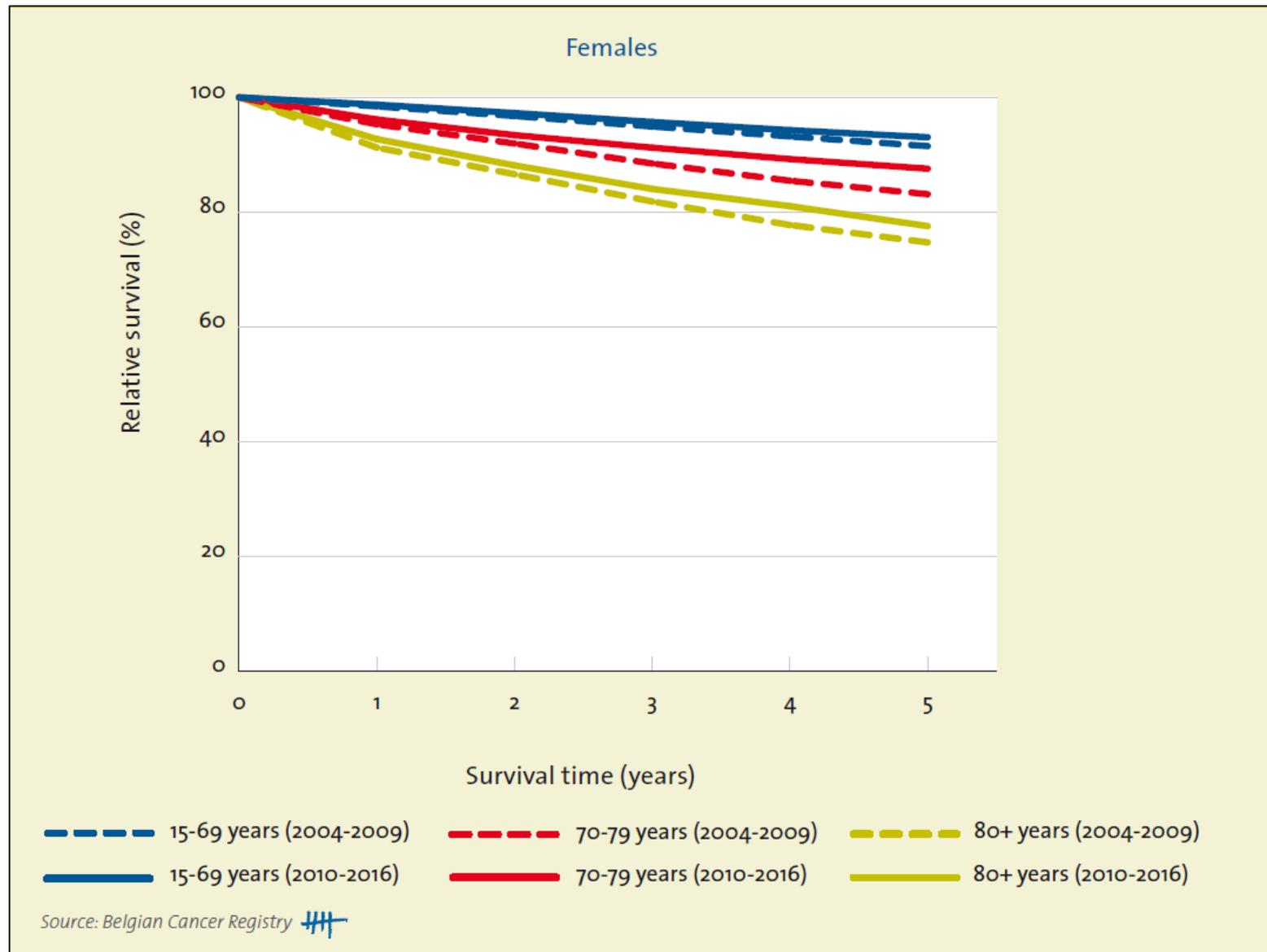


— Incidence Females

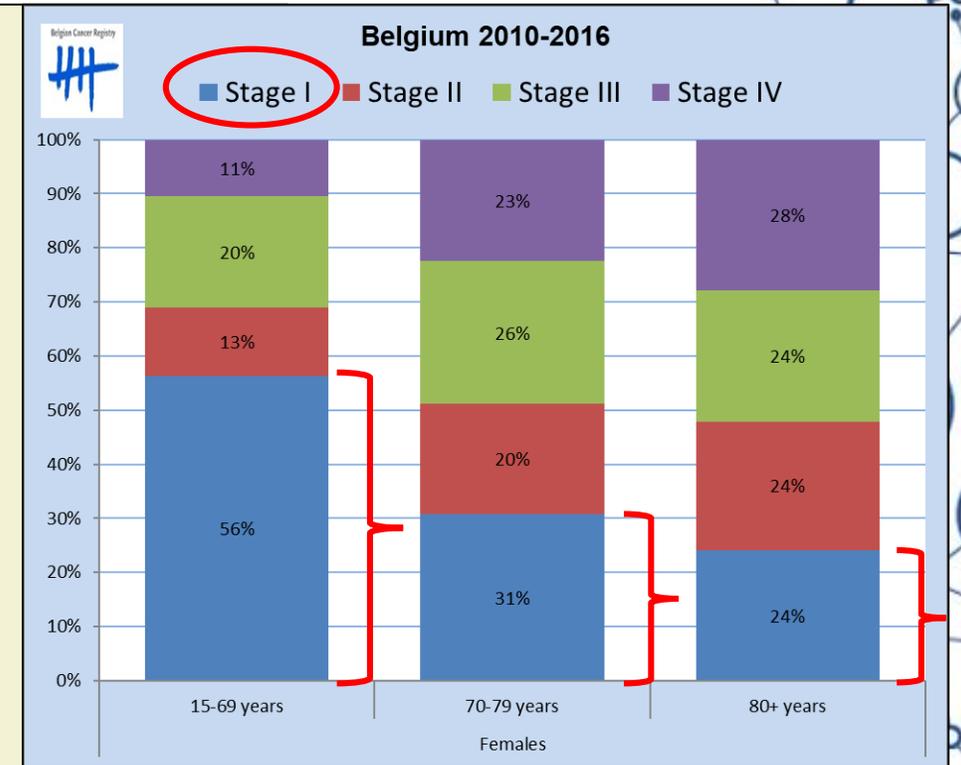
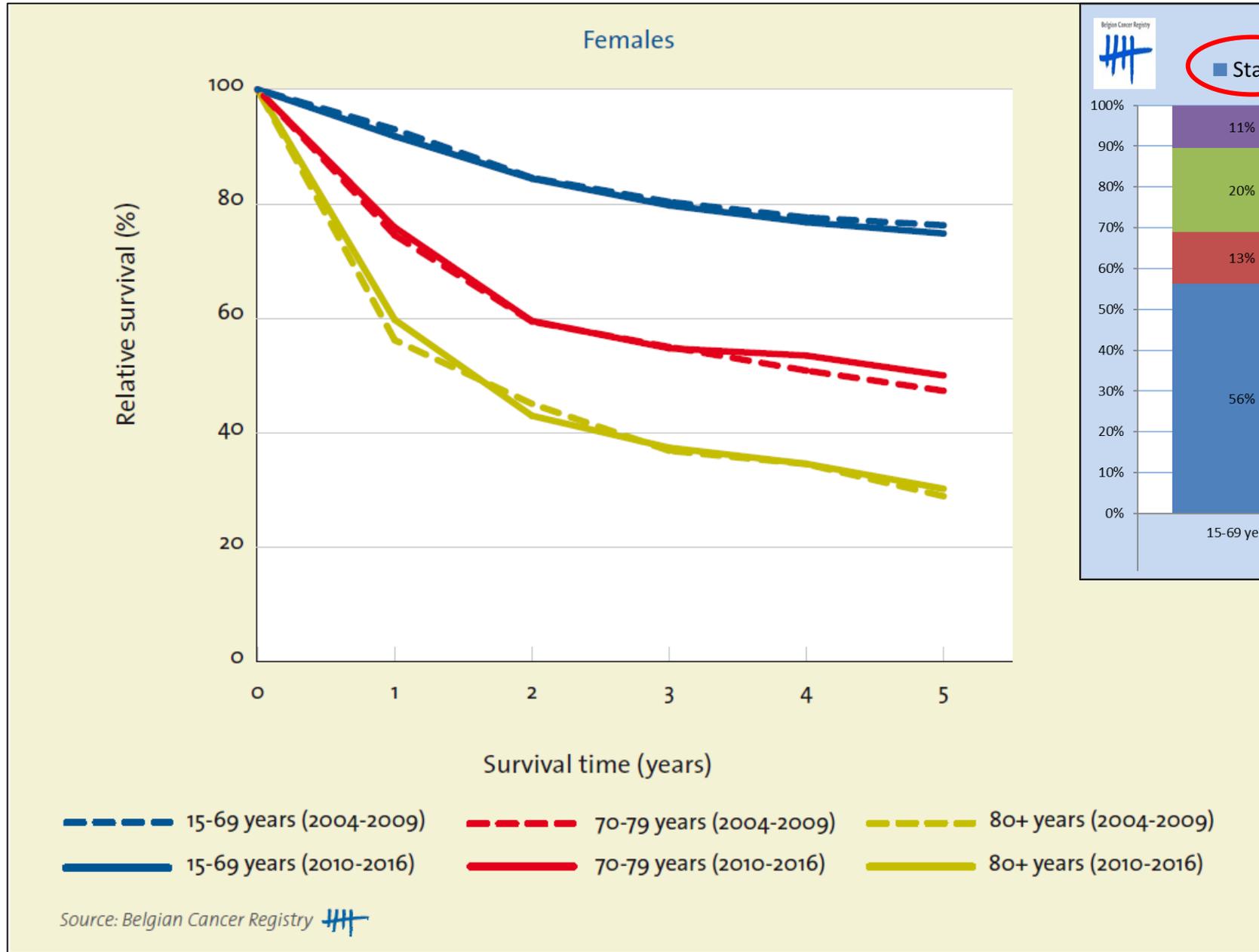
- - - Mortality Females



Trends in relative survival: breast



Trends relative survival : cervix



Capita selecta : data flow

IMA-AIM

Belgian Cancer Registry
population-based

MZG-RCM



Capita Selecta : contents

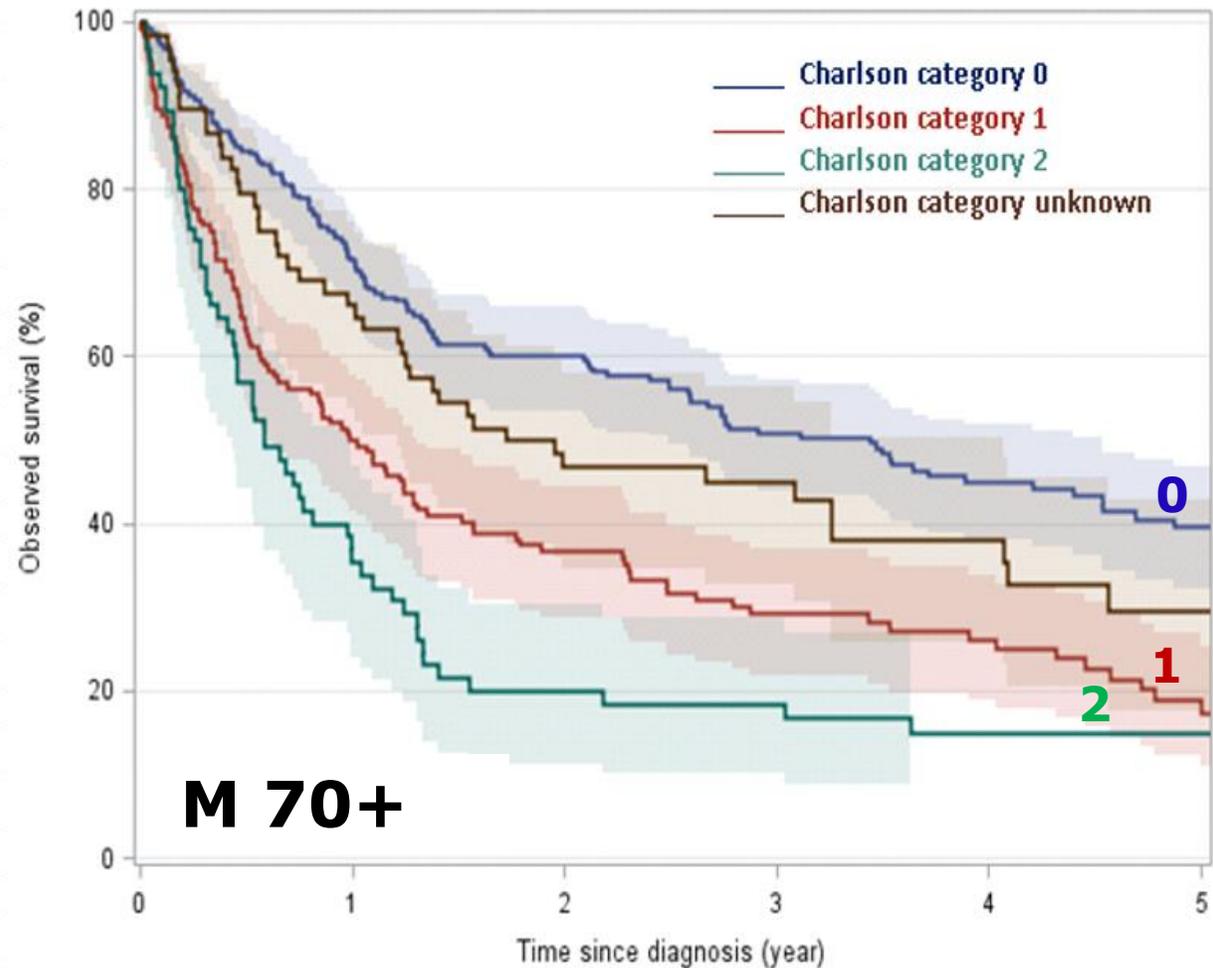
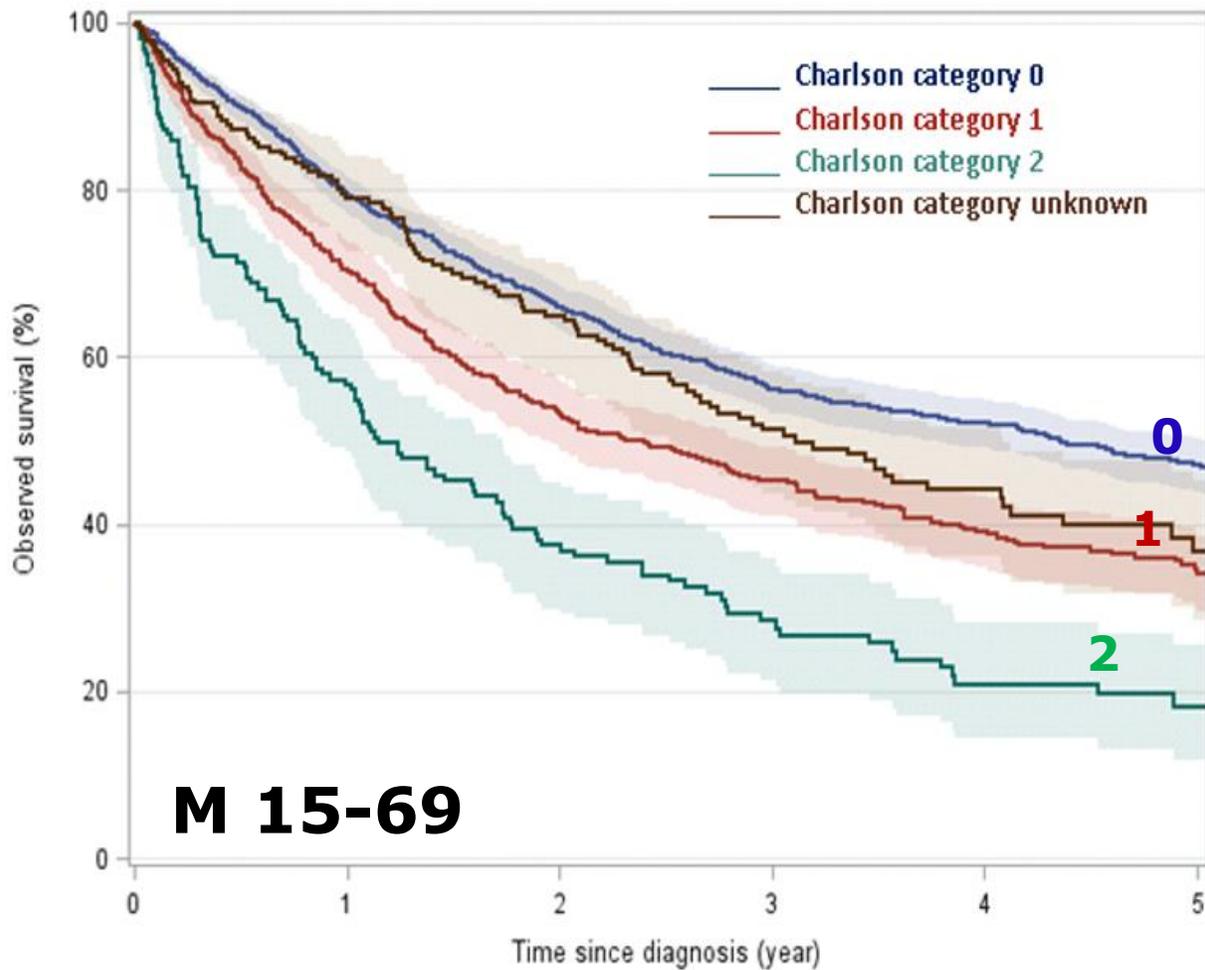
1. Patient frailty in oropharyngeal cancer: relation to age and impact on survival

Frailty measures :

- WHO performance score
- Days of hospitalization during the year prior to diagnosis
- Comorbidities: modified Charlson Comorbidity Index



Is there an impact of comorbidity on survival in oropharyngeal cancer?



Capita Selecta : contents

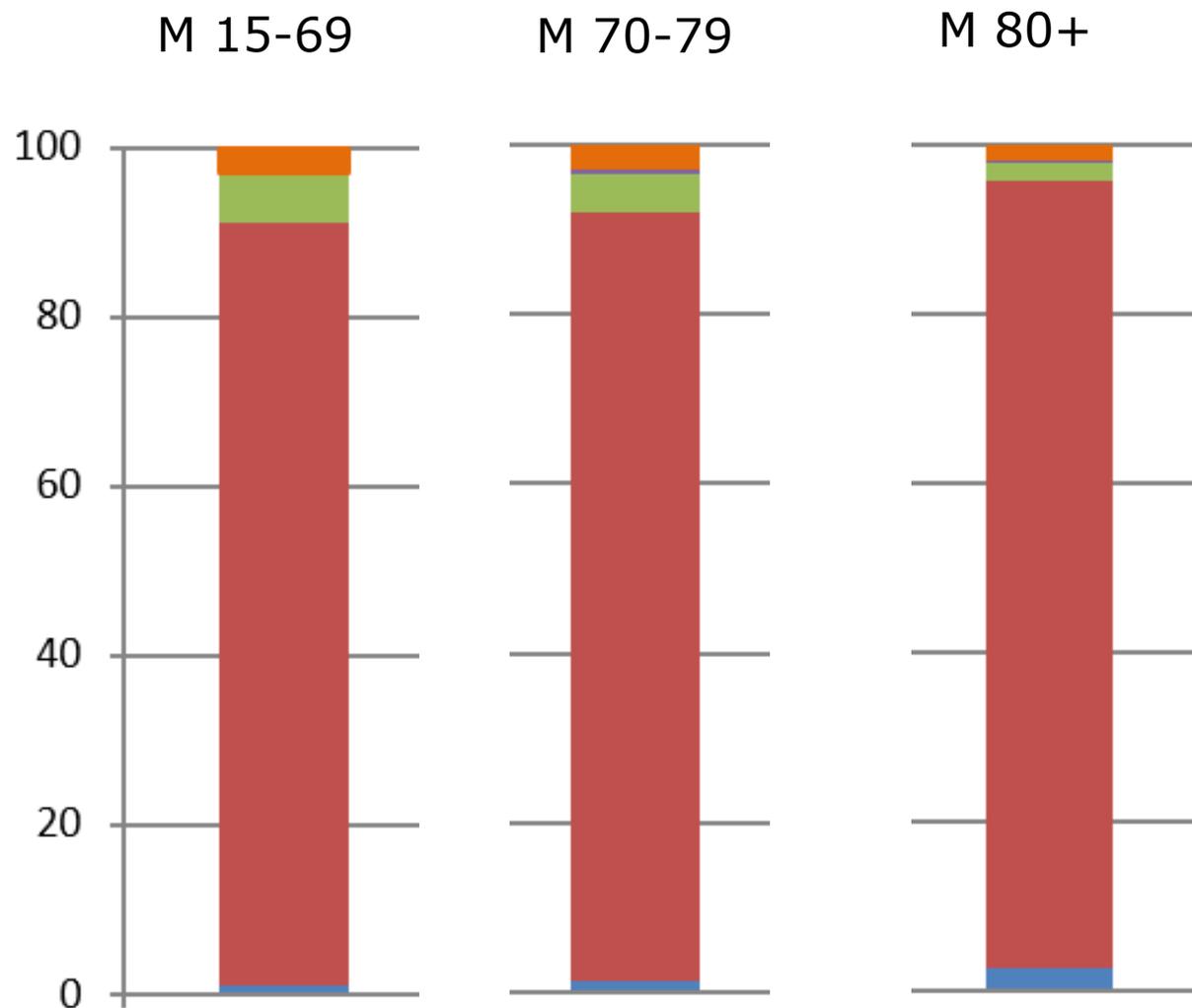
2. Colorectal cancer: Are older patients treated differently?

- **Colon** cancer
- Study period **2004-2014**
- Population-based results, by sex and age-category



Colon cancer

Are OLDER patients treated differently?



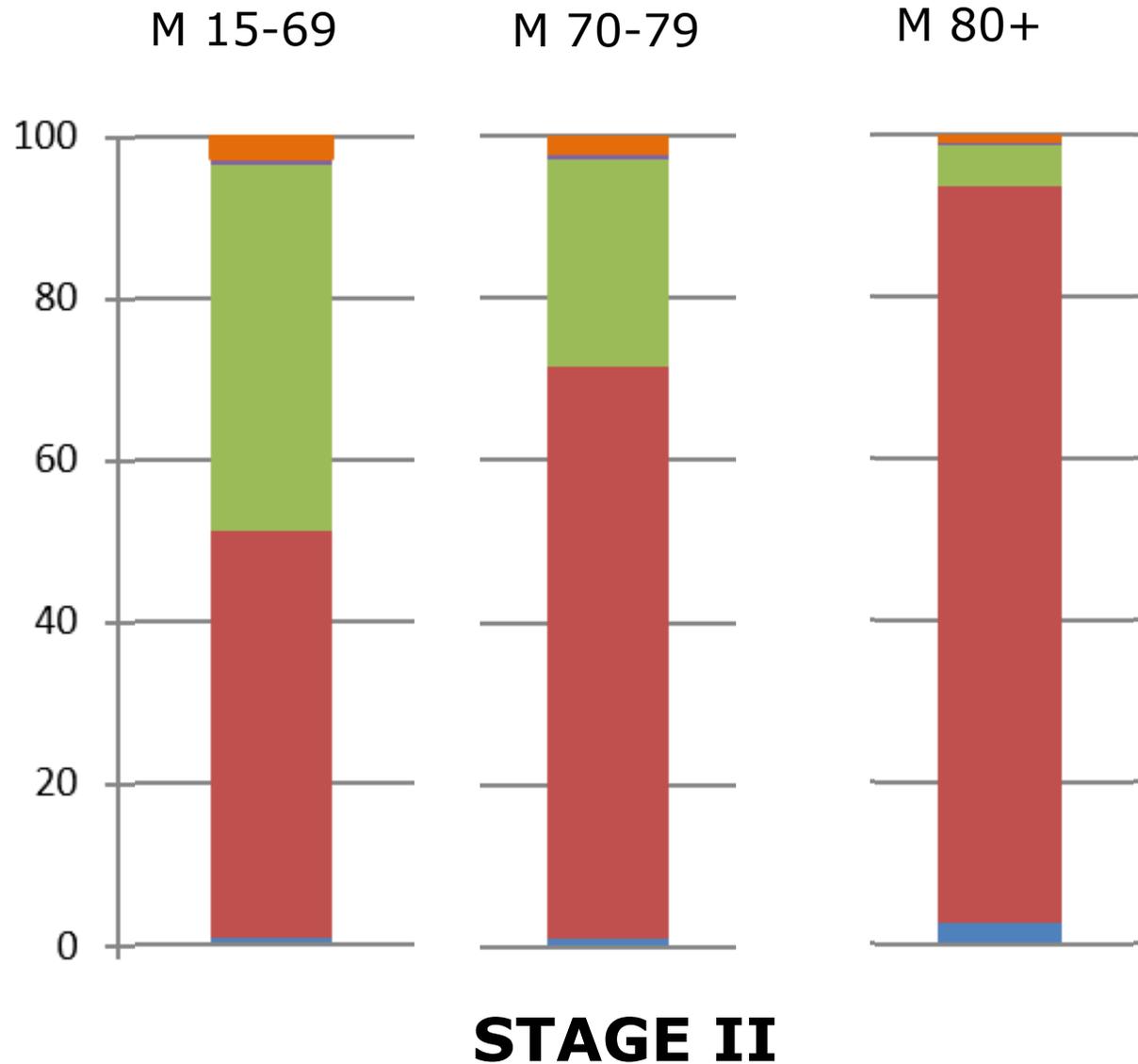
STAGE I

- Other treatment
- Systemic treatment only
- Combined treatment
- Surgery only
- No treatment



Colon cancer

Are OLDER patients treated differently?



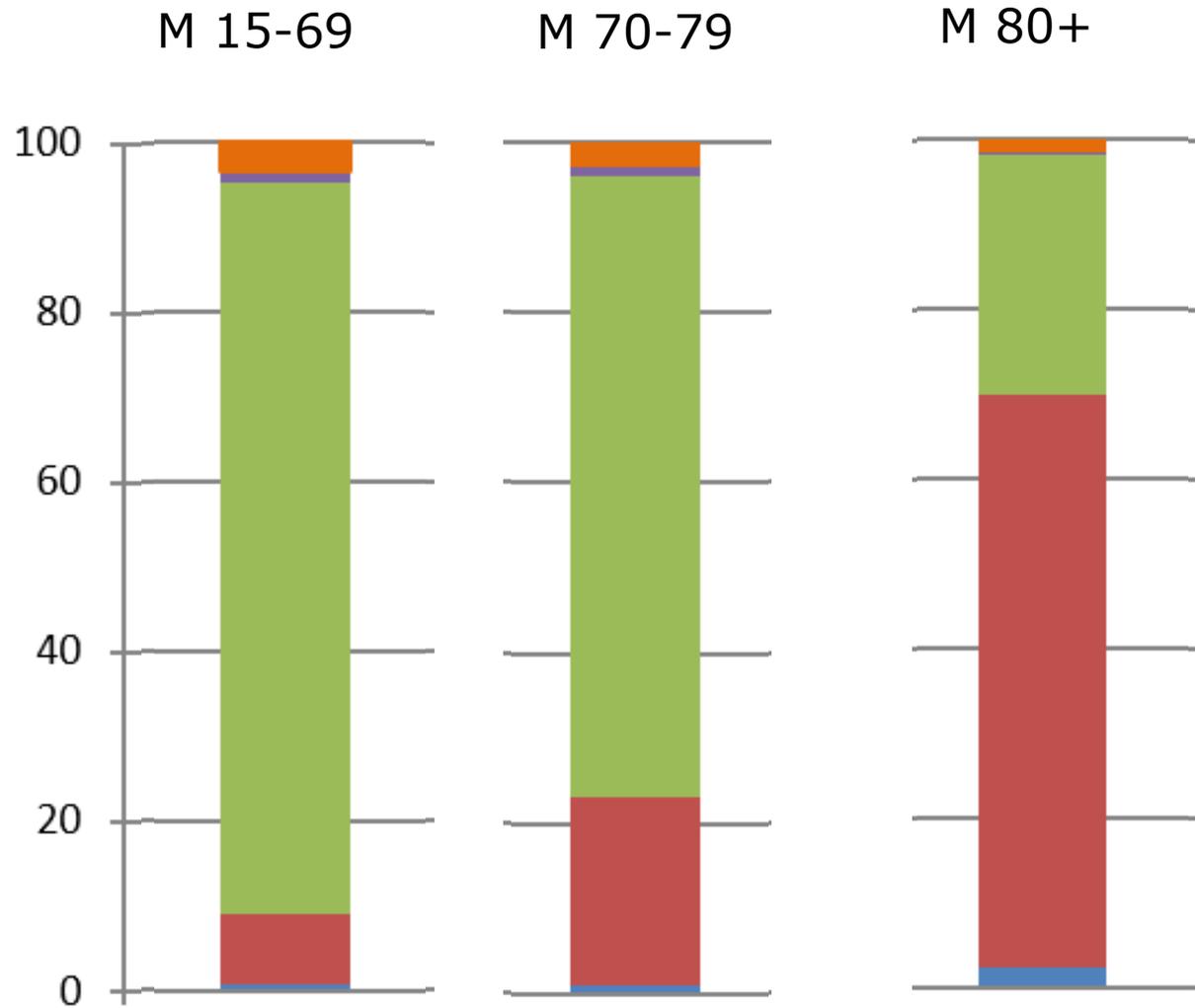
- Other treatment
- Systemic treatment only
- Combined treatment
- Surgery only
- No treatment

YES



Colon cancer

Are OLDER patients treated differently?



STAGE III

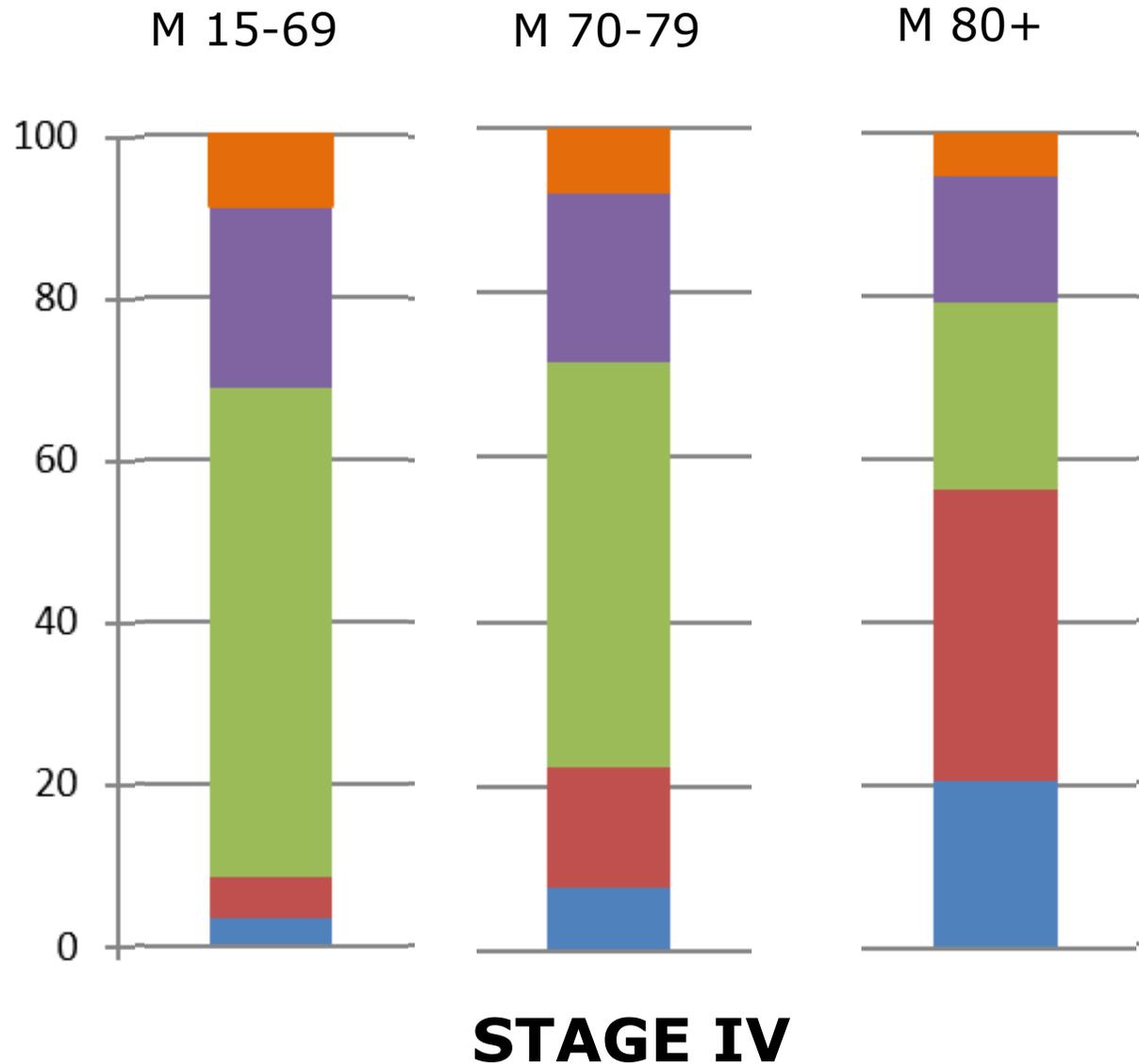
- Other treatment
- Systemic treatment only
- Combined treatment
- Surgery only
- No treatment

YES



Colon cancer

Are OLDER patients treated differently?



- Other treatment
- Systemic treatment only
- Combined treatment
- Surgery only
- No treatment

YES



AGE ...





<https://kankerregister.org/Publications>

Cancer in an Ageing Population

Belgium 2004-2016

