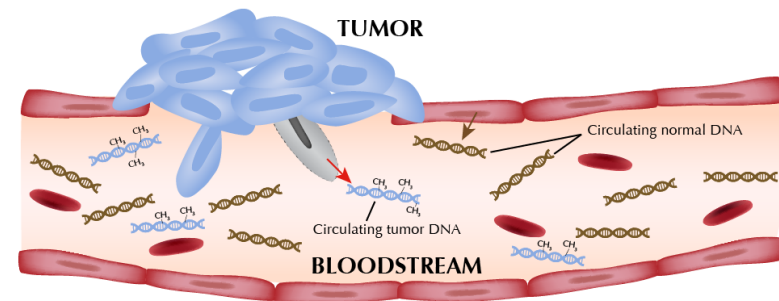


# Colorectal cancer

- 3<sup>rd</sup> most common cancer in men and women in US
- 2<sup>nd</sup> leading cause of cancer death for men and women combined
- 5 year relative survival rate at time of diagnosis
  - 90% survival when diagnosed at stage I
  - 11% survival when diagnosed at stage IV (metastatic)
  - Only 40% of patients are diagnosed at stage I
- Enhanced screening efforts (guaiac-based fecal occult blood test – gFOBT – and colonoscopies) have led to decreased overall mortality rates in CRC, but 45% of population is not compliant with current screening guidelines
  - More user friendly screening platforms are required to enhance patient compliance with screening guidelines

## Liquid biopsies





# For researchers

## Mertrazine and Cobazol to Treat Major Depression



[OpenTrials](#) > [For Researchers](#) > [Depression](#) > [Mertrazine and Cobazol](#)


### Overview

Condition: Major Depression

Treatment: ☐ Mertrazine, ☐ Cobazol

 June 2004 - March 2010

**218** Participants

 Men and women

Aged 18-65

### Registries

[ClinicalTrials.gov](#) 


[BioMet Inc](#) 

 Add another


### Papers


[Results paper](#) 

[Protocol paper](#) 

 Add another

### Regulatory documents

[CSR](#) 


[EPAR segment](#) 

 Add another

### Structured data

[ClinicalTrials.gov results](#) 

[SRDR from AHRQ](#) 

 Add another


### Paperwork

[Blank consent form](#) 


[Patient information sheet](#) 


[Blank case report form](#) 

[Protocol](#) 

[Statistical analysis plan](#) 

[Lay summary](#) 

[Ethics/IRB Approval](#) 

 Add another

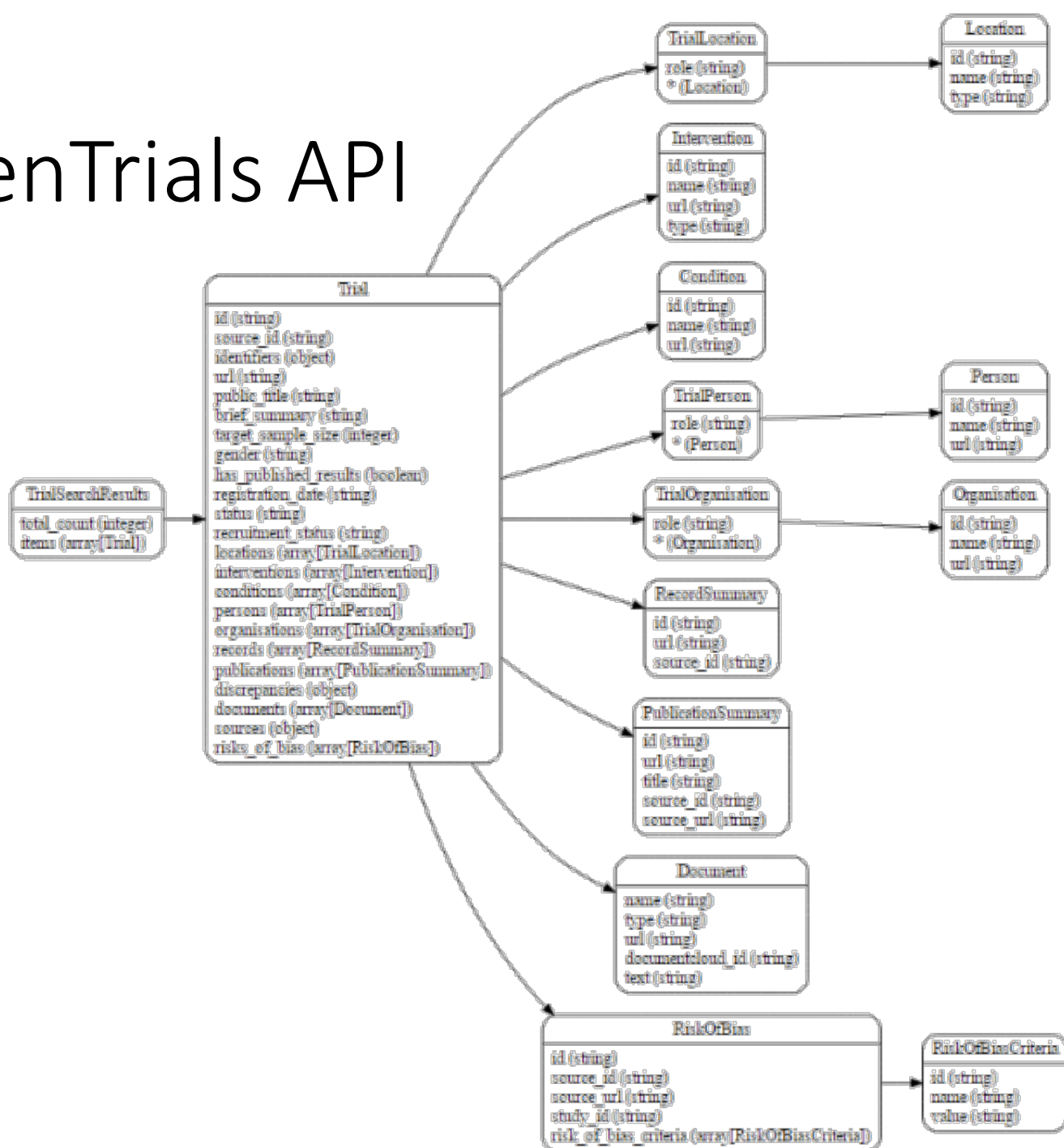
### Methodological rigour

The methodological rigour of this trial was scored in a [systematic review](#) in September 2012, where it was scored as being at “high risk” of bias from “allocation

Conducted in  
Maryland, USA

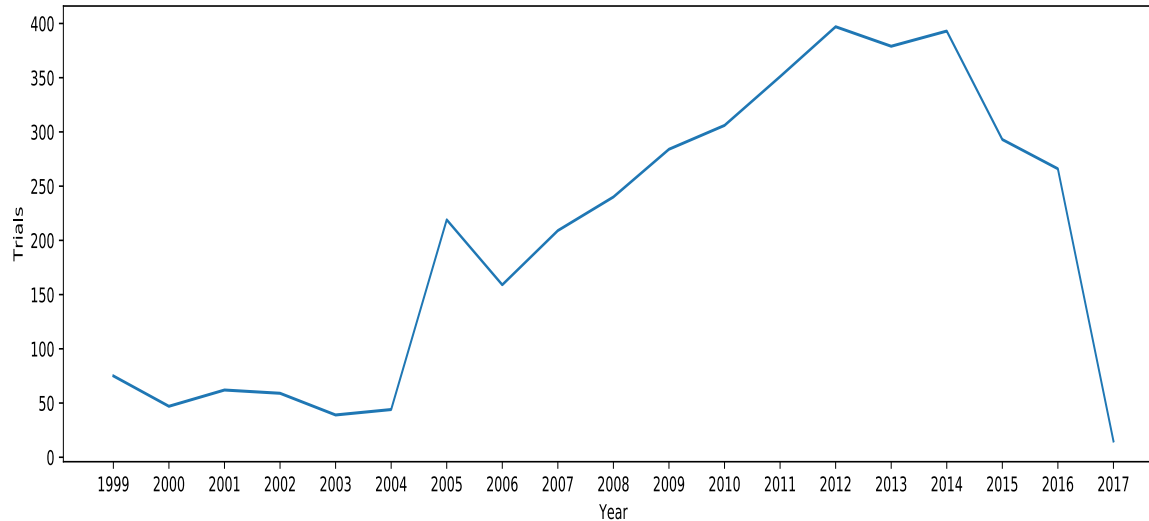


# OpenTrials API

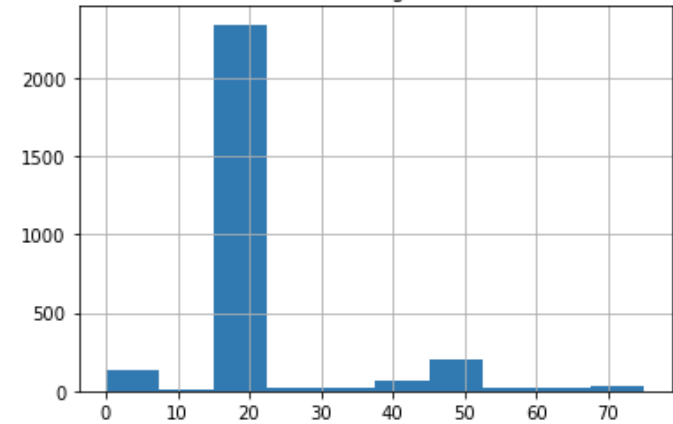


# Initial data exploration

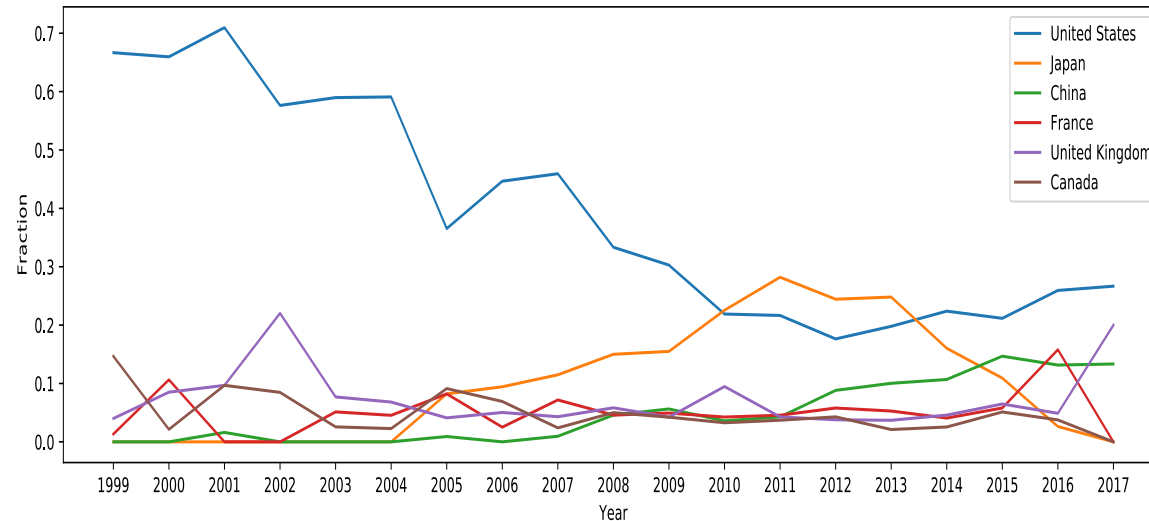
Colorectal cancer trials per year



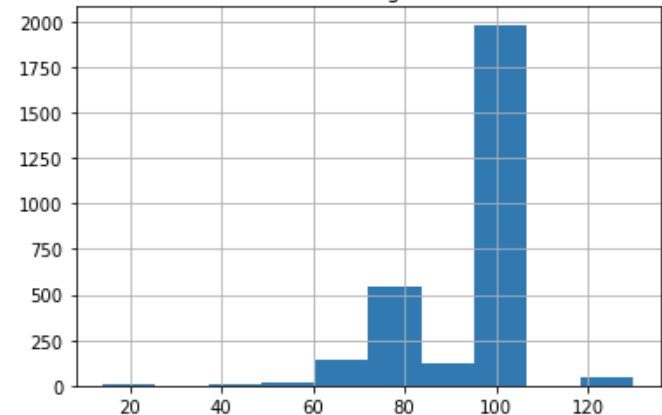
Min Age



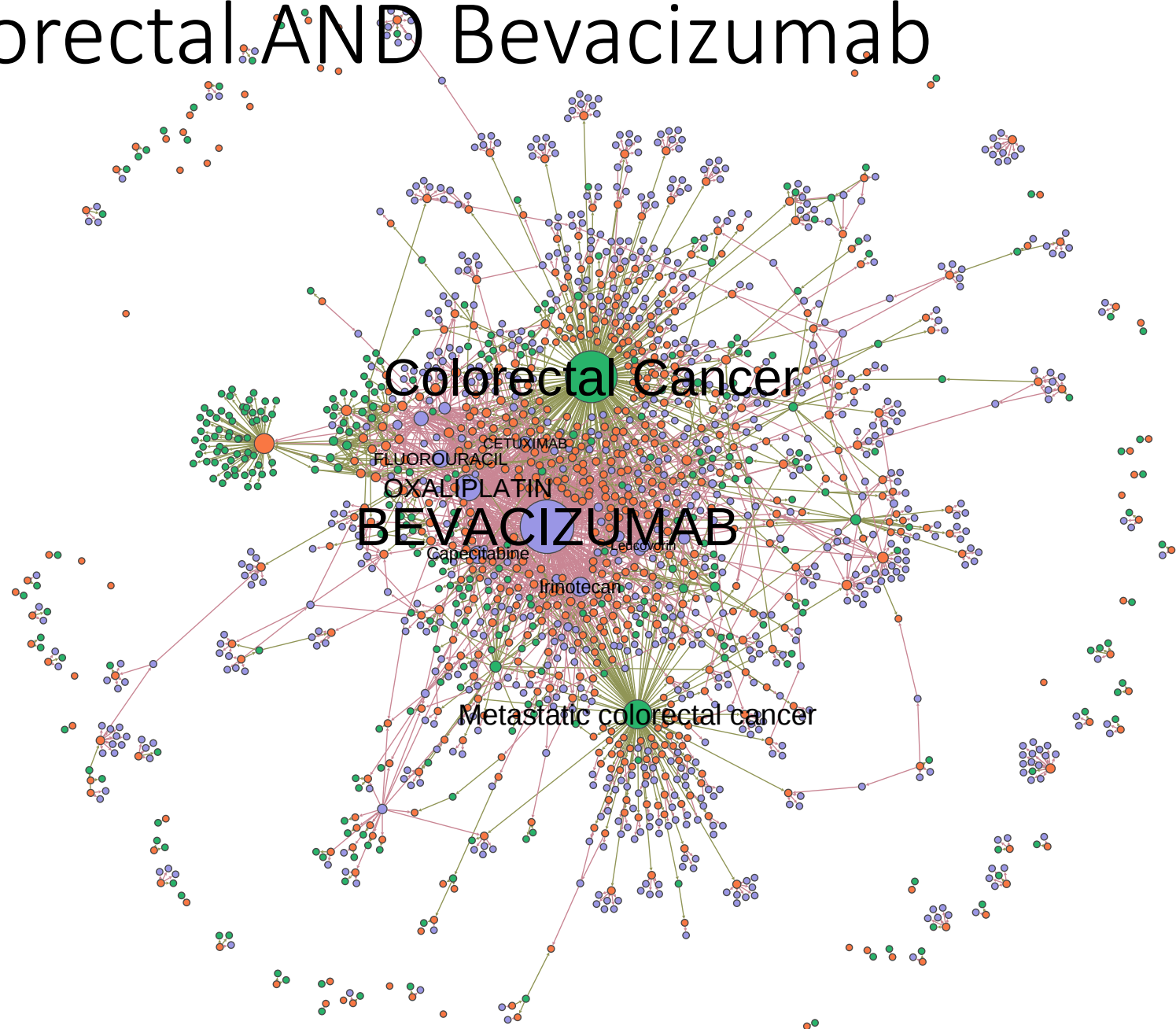
Fraction of total trials by country



Max Age

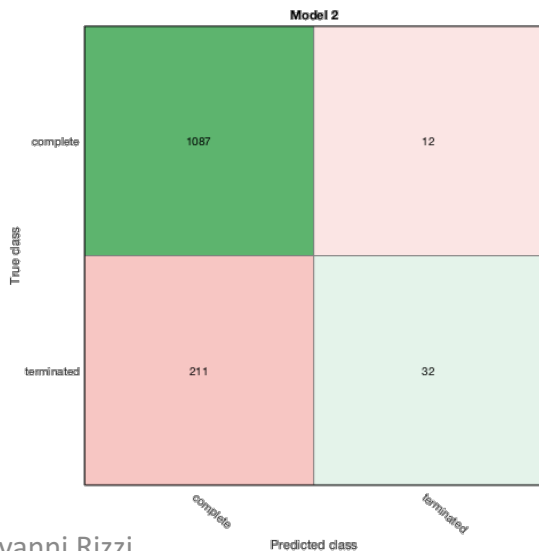
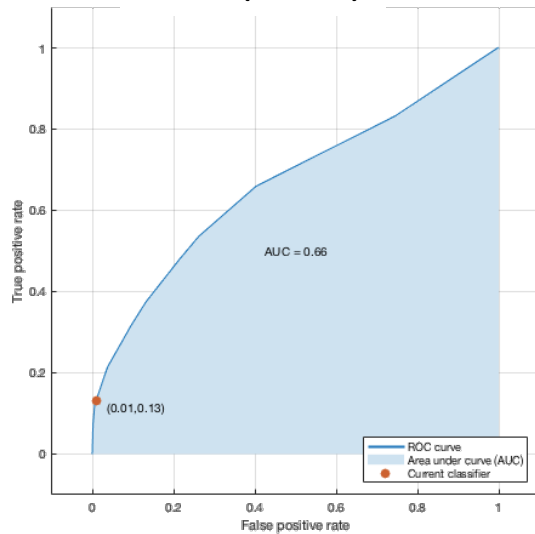


# Colorectal AND Bevacizumab

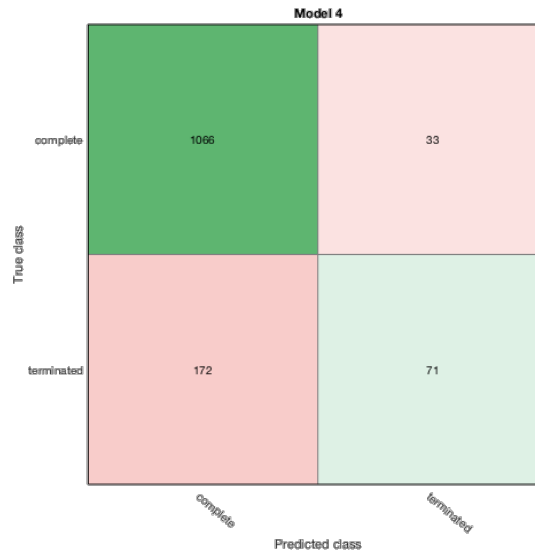
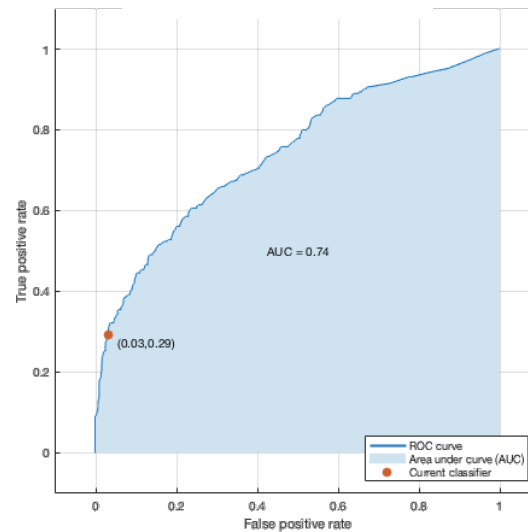


Status	Max Age	Min Age	Sample Size	Number of Countries	Farmaceutical	Other	Surgical
complete	99	18	1226	28	1	2	0
terminated	99	18	8	1	0	2	0

KNN (K=10)



Boosted trees



RUSboosted trees

