

We have changes.

~~Iris Recognition I~~

CSE 40537/60537 Biometrics

Daniel Moreira
Spring 2020



Welcome Back

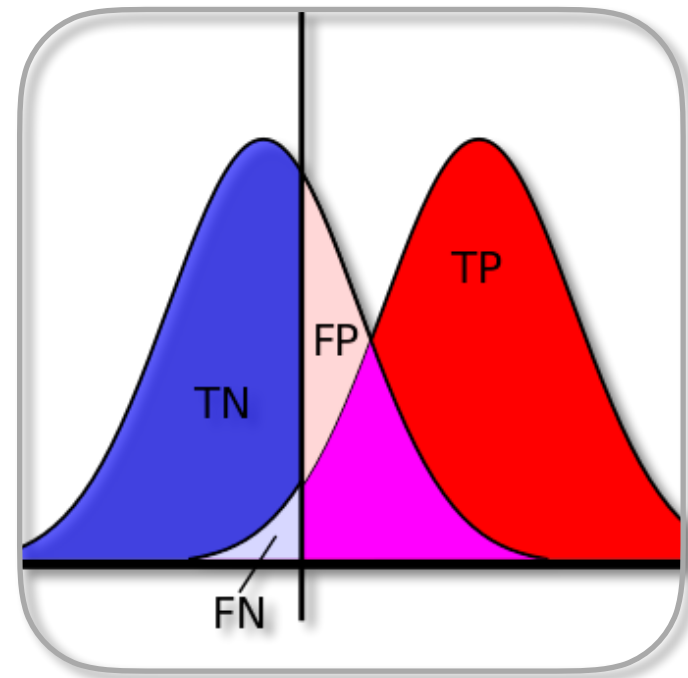
It's good to have you back.
*Let's see our progress
so far...*



Oh, wait!

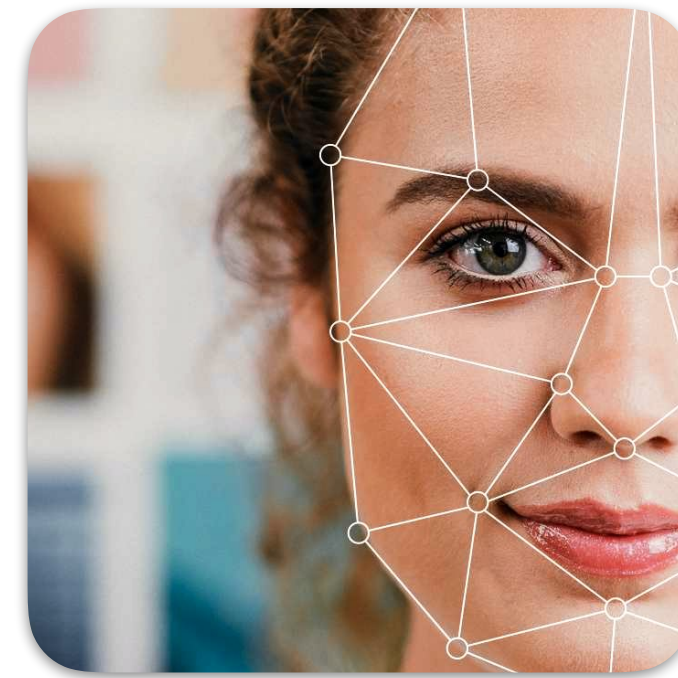
Course Overview

Content



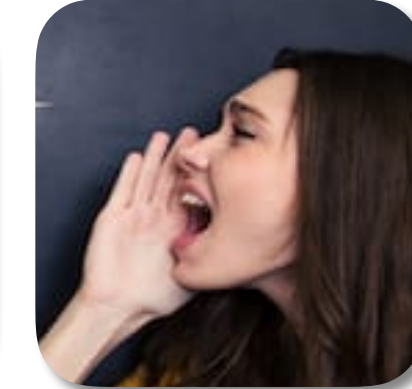
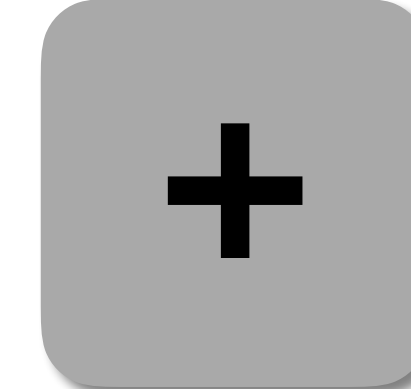
Basics

Concepts
Metrics
Metric
implementation



Core Traits (3)

Concepts
Baseline implementation
Data collection
Evaluation
Attacks
Assignments



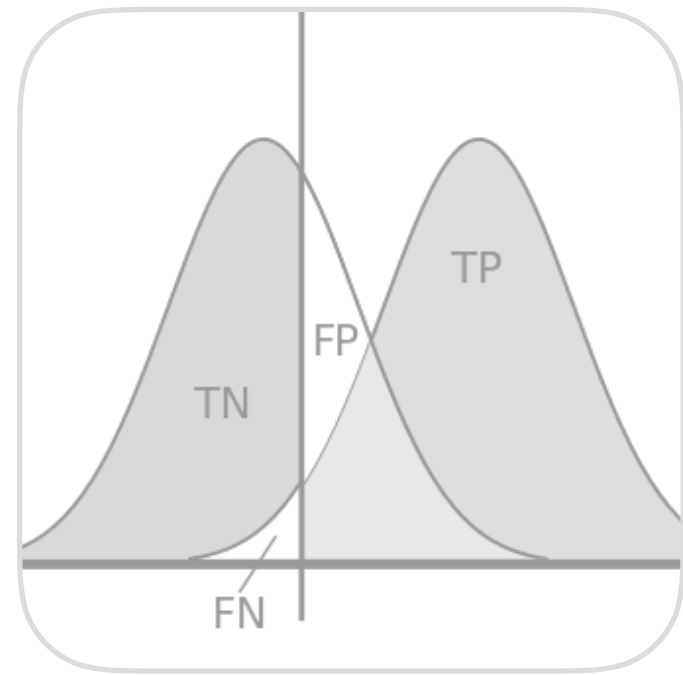
**Alternative Traits and
Fusion
Concepts**



Invited Talks (2)
State of the art
Future work

Course Overview

Content



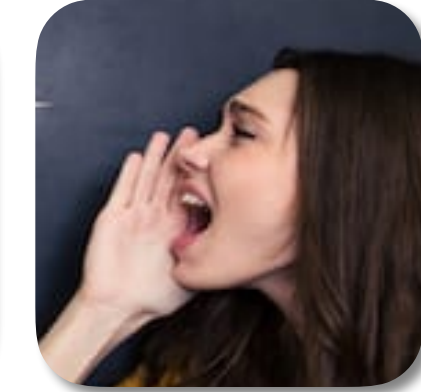
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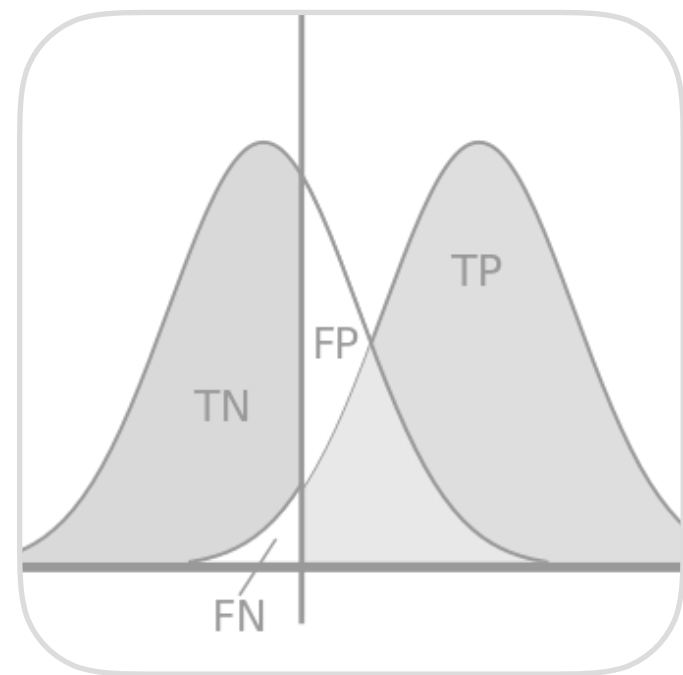
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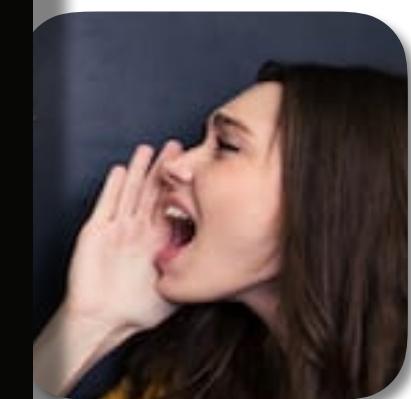
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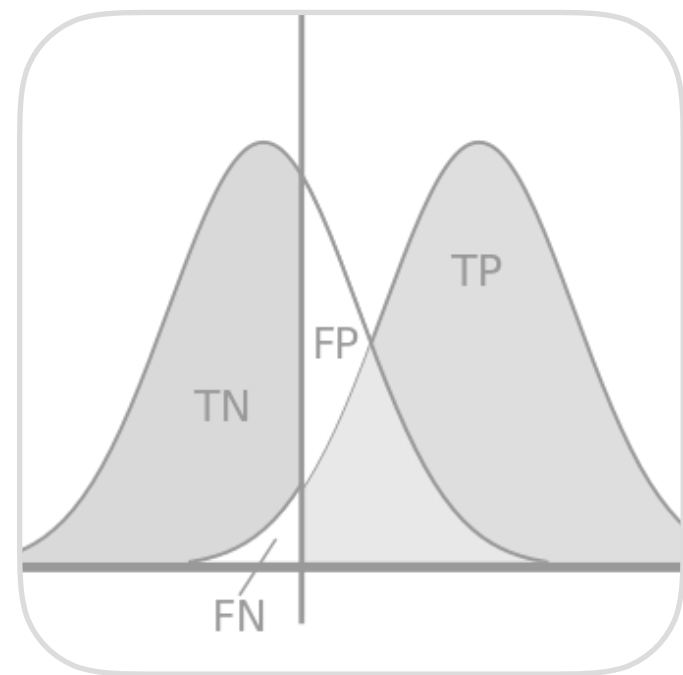
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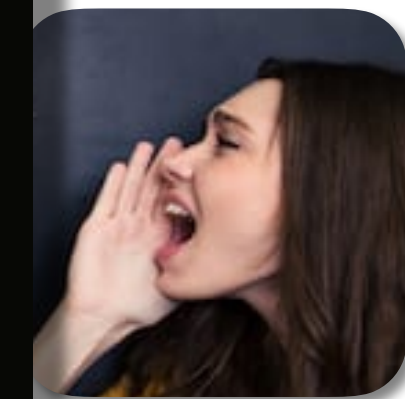
Metrics

Metric

implementation



Assignments



e Traits and

Invited Talks (2)

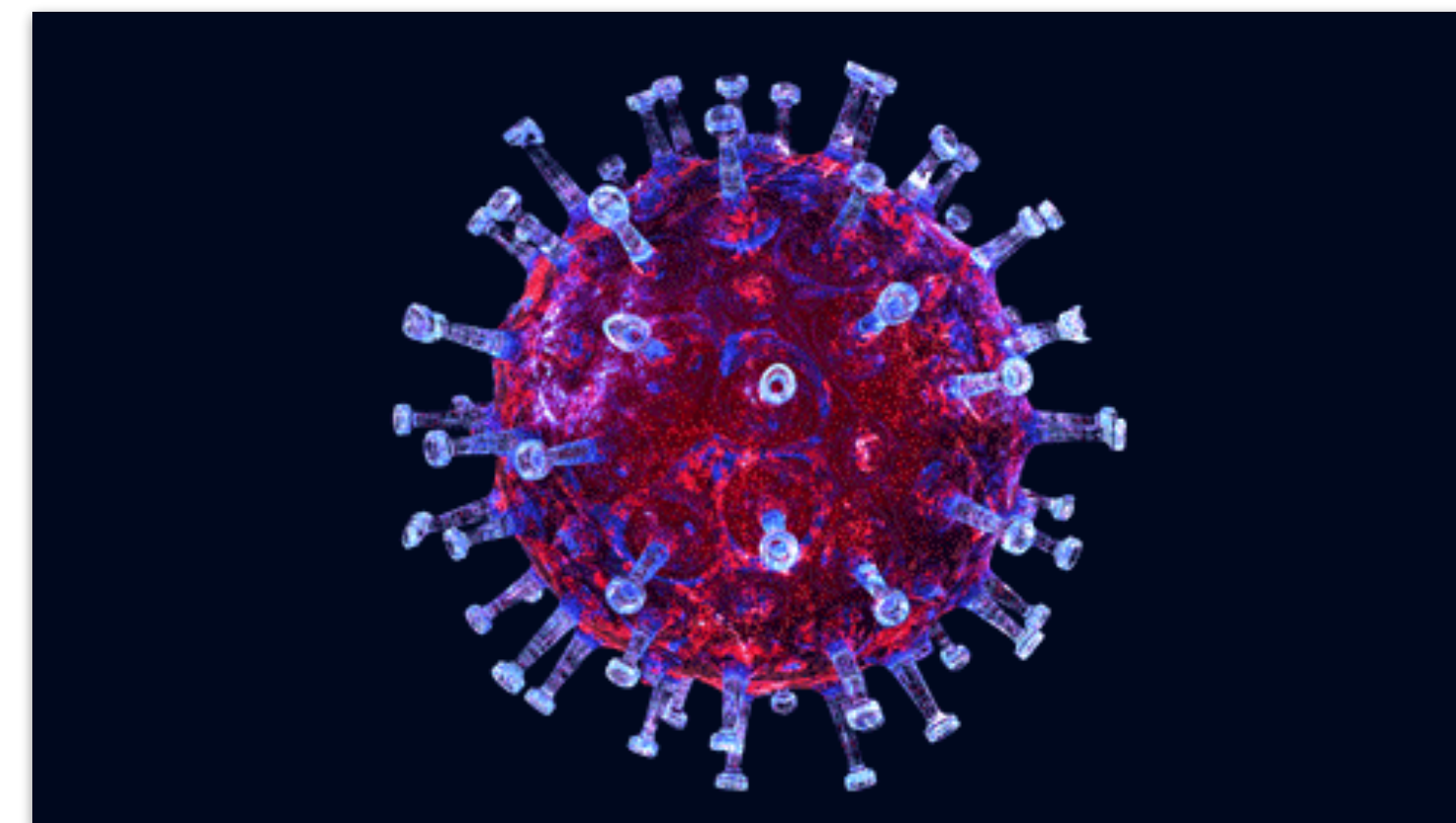
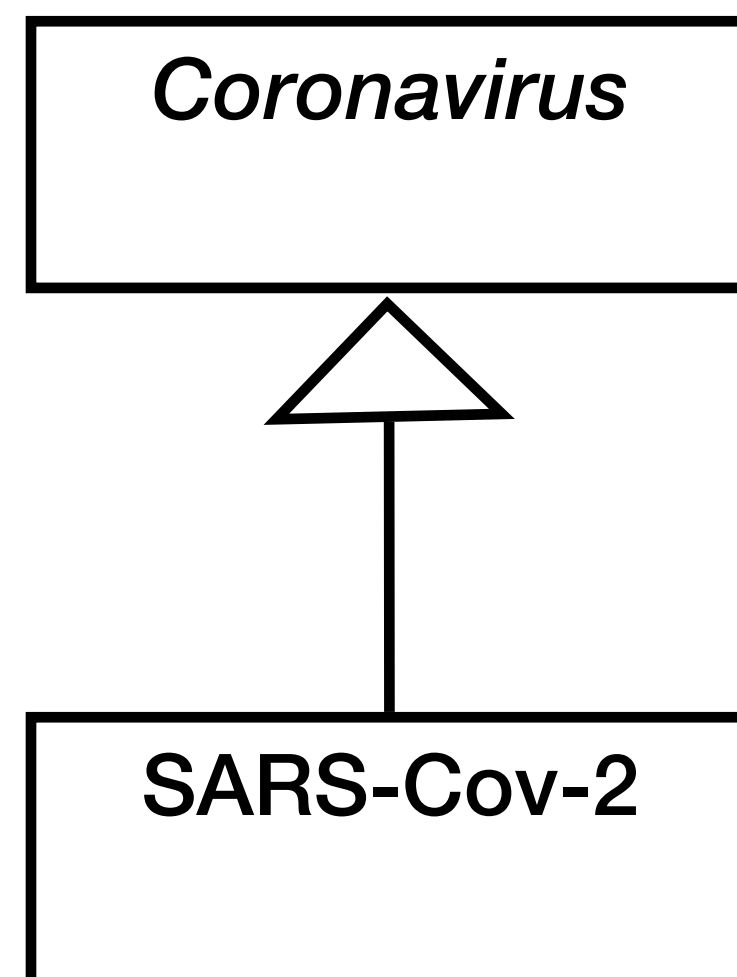
State of the art

Future work

COVID-19

Disease

Coronavirus Disease 2019
(COVID-19)



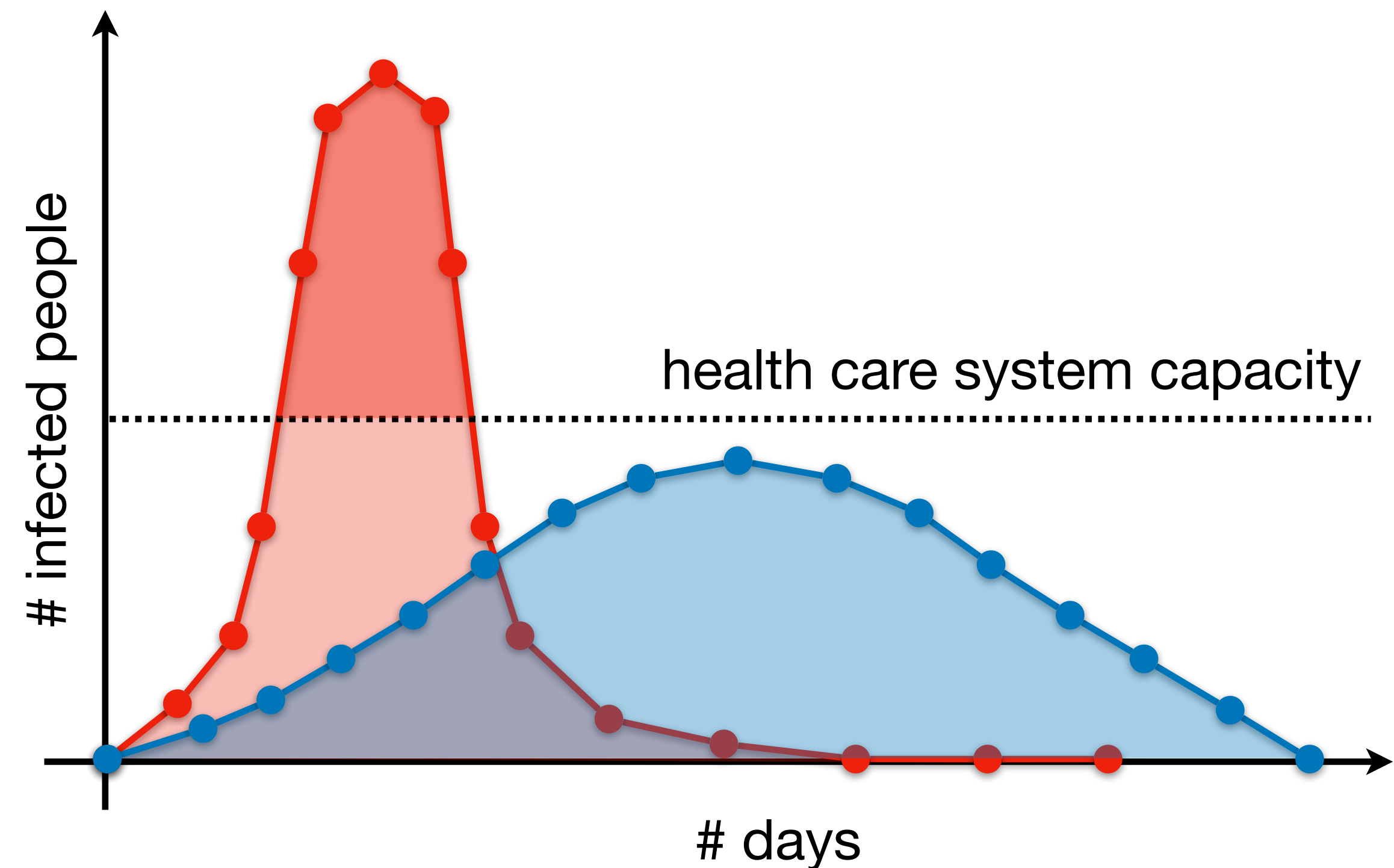
SARS-Cov-2

COVID-19

Flattening the Curve



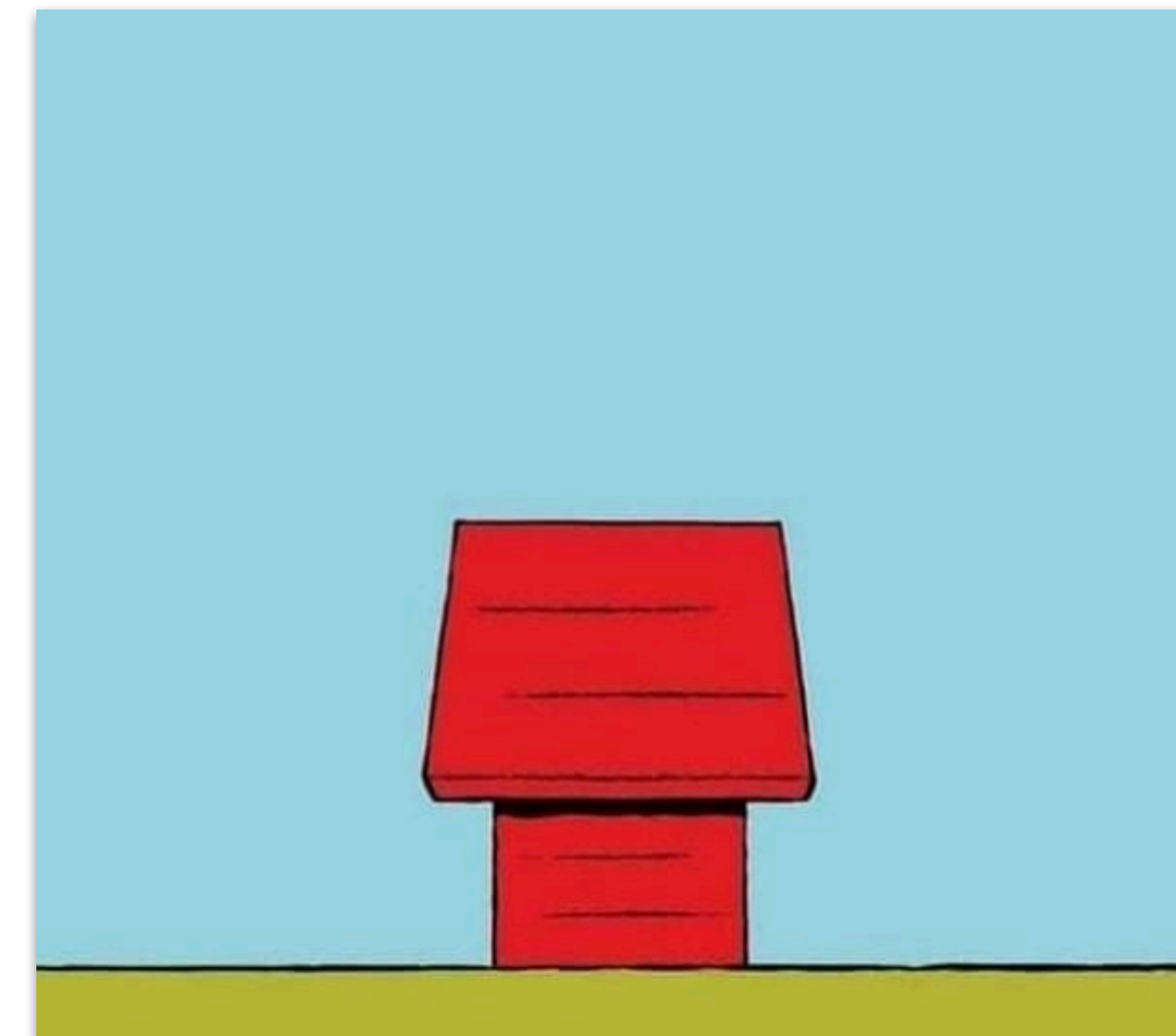
Respiratory disease.
Highly contagious.
With high hospitalization
rate.



COVID-19

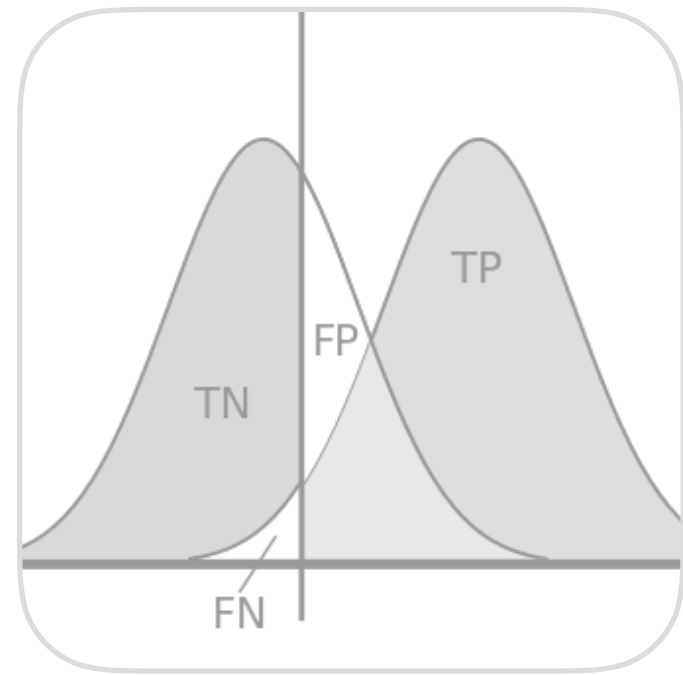
Social Distancing

Let's slow the spread of the virus.



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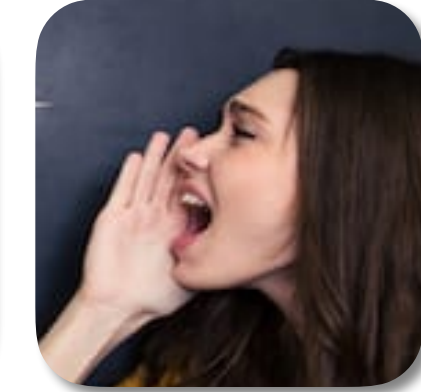
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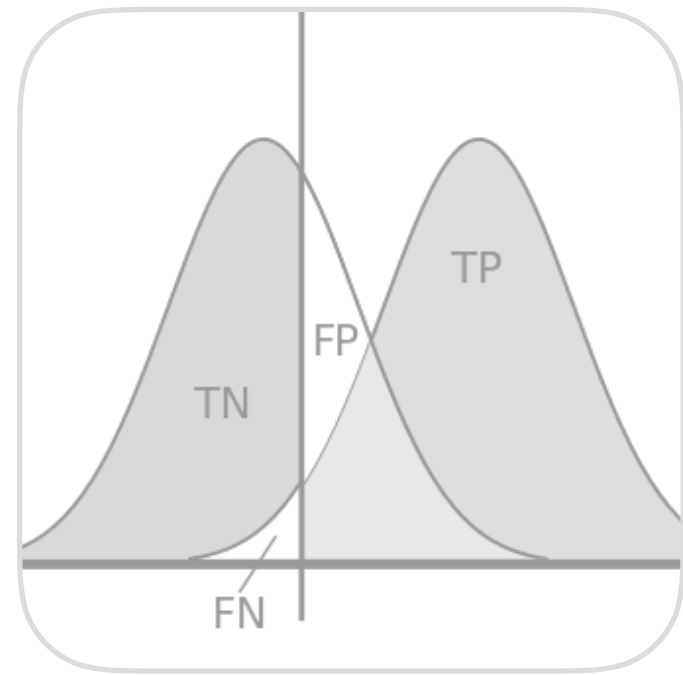
**Alternative Traits and
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Concepts**



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Concepts

Metrics

Metric

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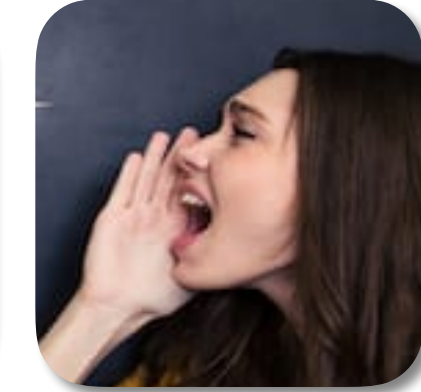
Baseline implementation

~~Data collection~~

Evaluation

~~Attacks~~

Assignments



Alternative Traits and Fusion

Concepts



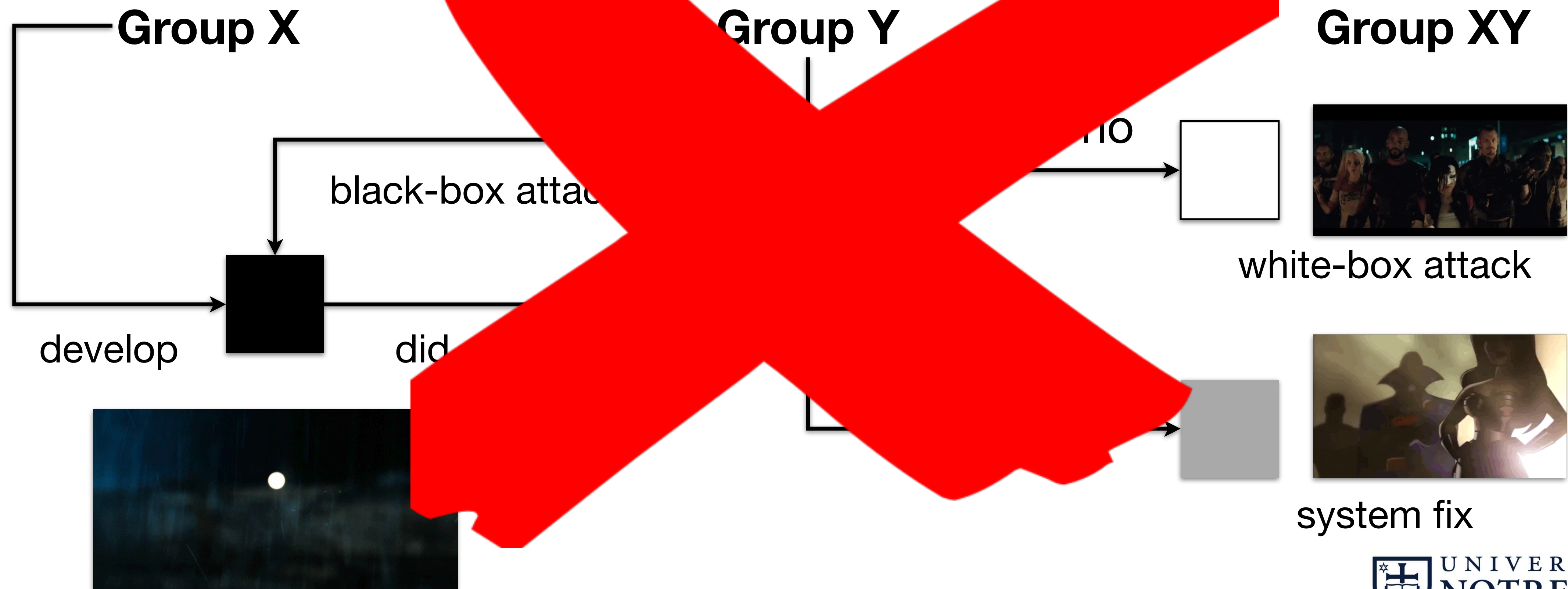
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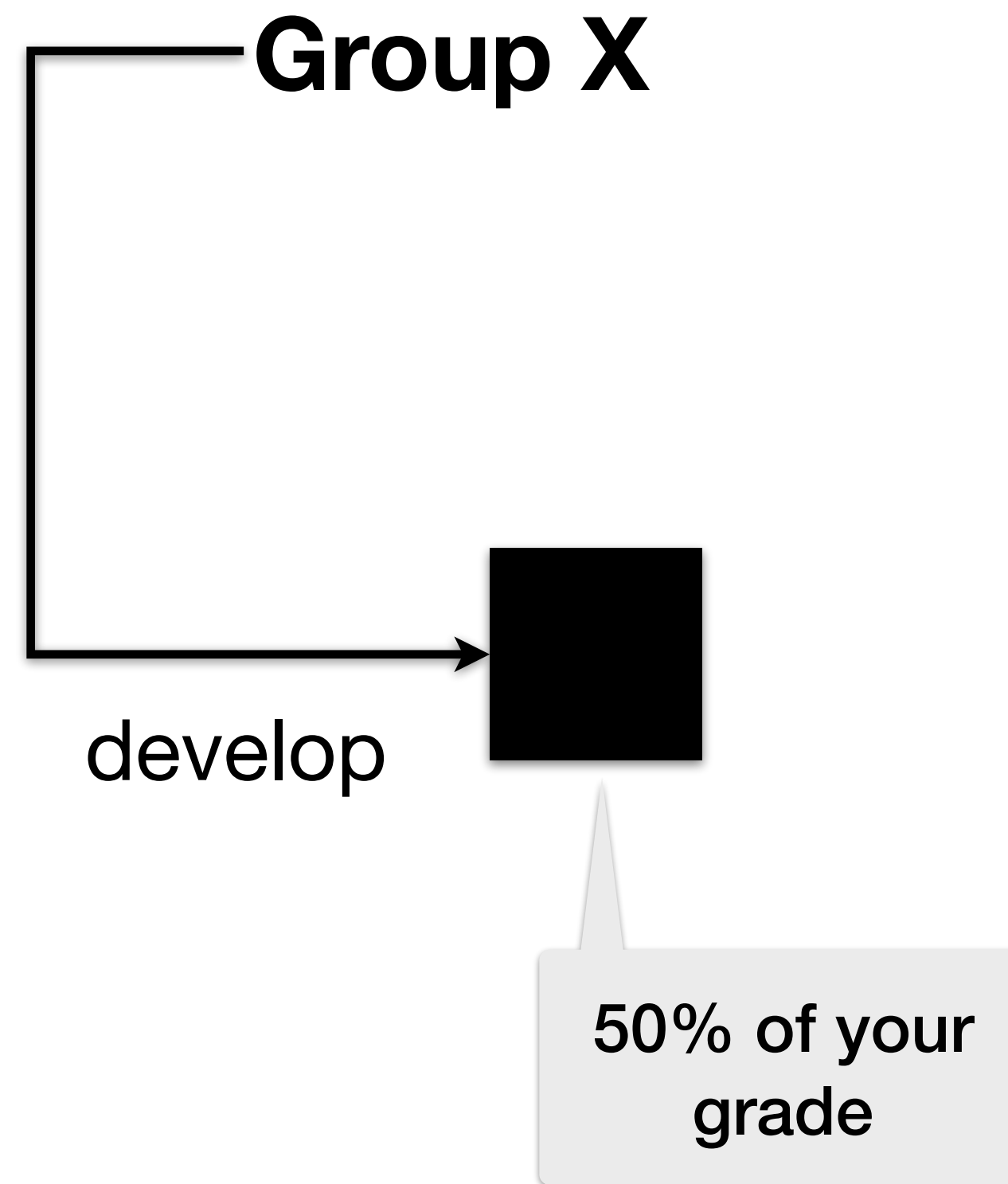
Course Overview

Assignment Details



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Assignment Details



Zoom Presentation



**Face
Recognition**

Two groups
on 04/21

**Iris
Recognition**

Two groups
on 04/23

Report



All Groups
Delivery due
04/28

Fingerprint Attackers

Extra points

Sorry guys,
I'll give you extra points.



Report



Report

Introduction (context?)

Implementation (what? why? how?)

Experiments (setup? dataset? results?)

Conclusions (outcomes?)

I want to see at least some **metrics** of the **baseline solution** on one **dataset**.

Course Overview

Final Exam

Date: 05/04

Individual google docs
will be shared with you in the
previous day.
It will make 50% of your grade.



Remote Classes



Theory and Coding Classes

4 theory classes, 1 coding class

Live streaming at Zoom, Panopto recording.

Next Thursdays and Tuesdays,
from 2:00 pm to 3:15 pm (EST).

**You're welcome but not obligated
to connect.**

Remote Classes



Fixed Office Hours

Next Thursdays and Tuesdays,
from 5:05 pm to 6:20 pm (EST).

I'll be available at Zoom for questions about
the class recorded earlier.

**Students are welcome to request
extra office hours.**

Remote Classes



Talks

Two experts in Biometrics will present their work.

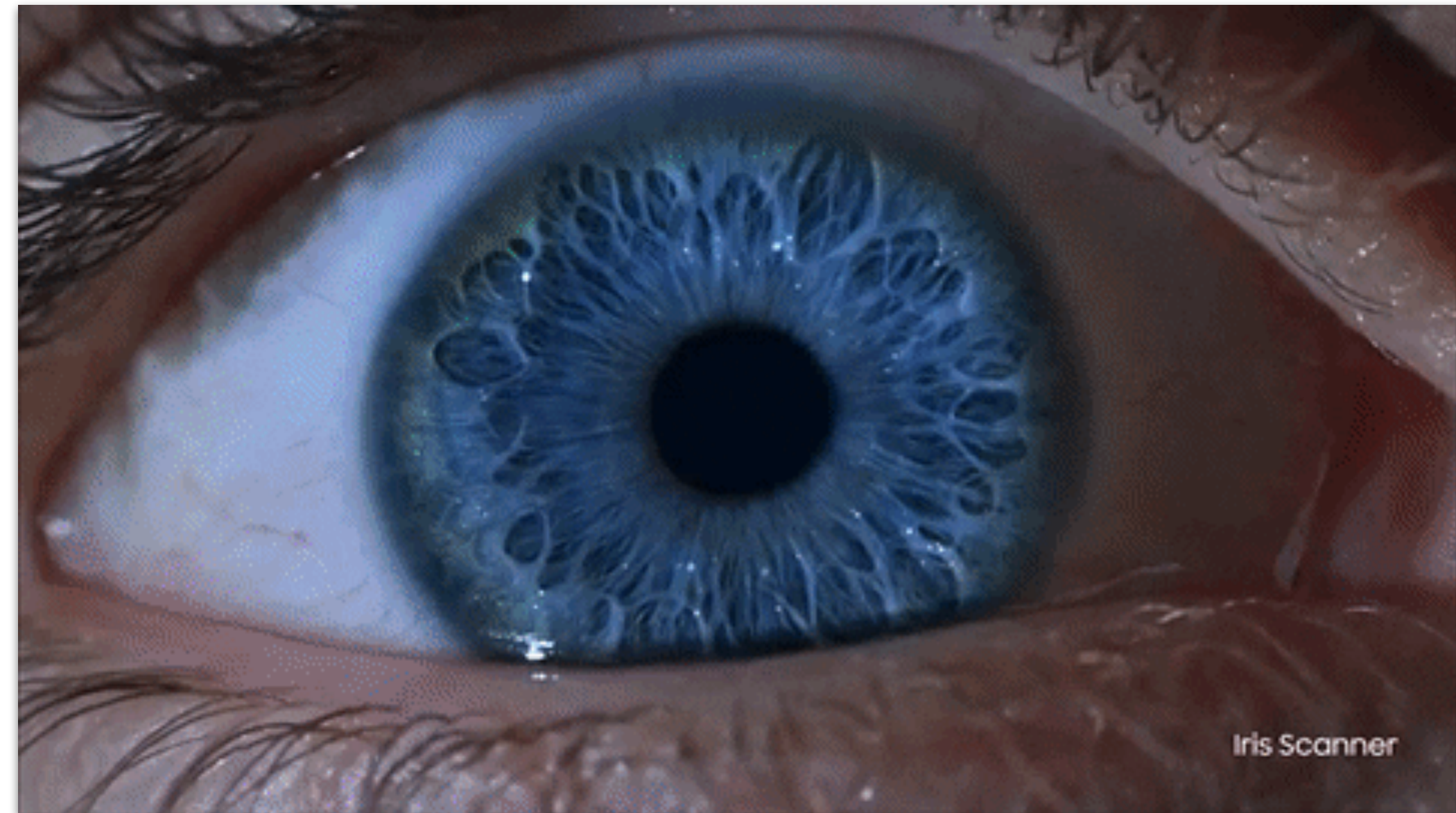
Dates: 04/14 and 04/16 at 5:05 pm, through Zoom.

Please don't miss them.

Your participation is fundamental!

S'up Next?

Iris Recognition Fundamentals.



Stay Safe

See you next time
You know where to
find me.

