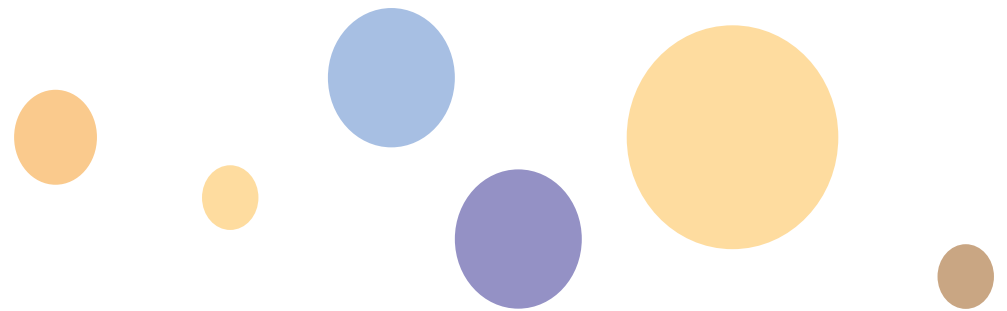
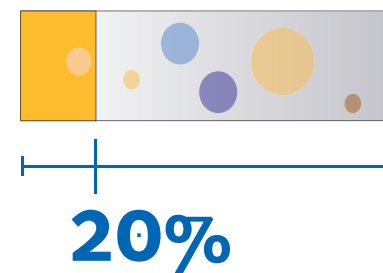
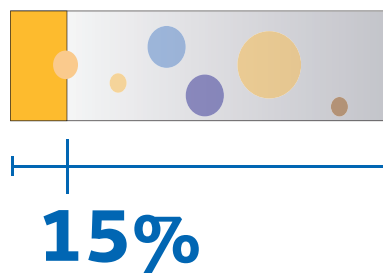
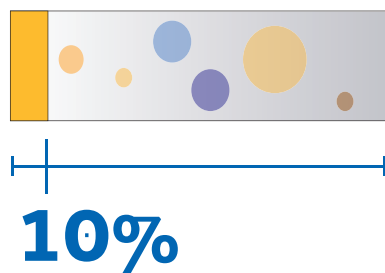


The method of the Italian
Network POLLnet for
**COUNTING AND EVALUATING
THE CONCENTRATION OF
AIRBORNE PARTICLES IN A
DAILY SAMPLE**



WHAT IS THE **MINIMAL SURFACE** TO BE READ ON A MICROSCOPE SLIDE?



BACKGROUND

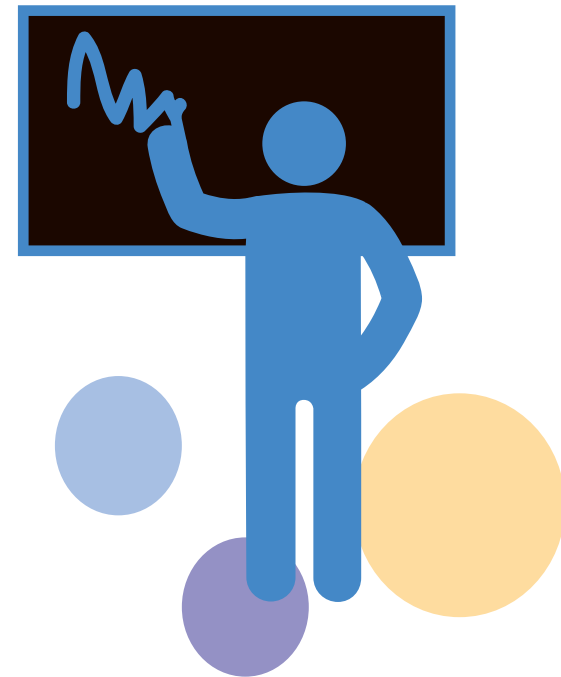


EXPERIMENTAL/ STATISTIC



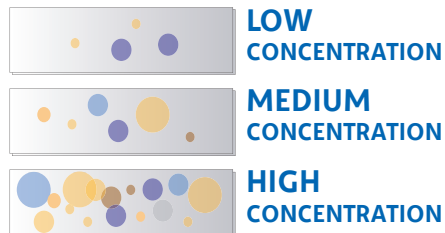
METHODS

THEORETICAL/ PROBABILISTIC

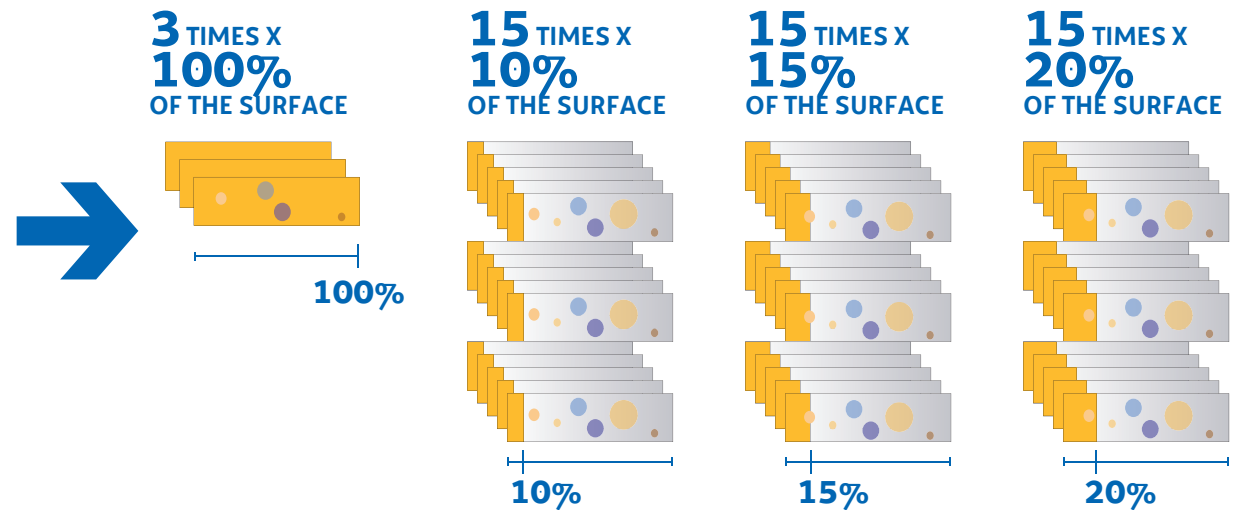


EXPERIMENTAL/STATISTIC

3 MICROSCOPE
SLIDES
WITH DIFFERENT
CONCENTRATIONS OF
AIRBORNE PARTICLES

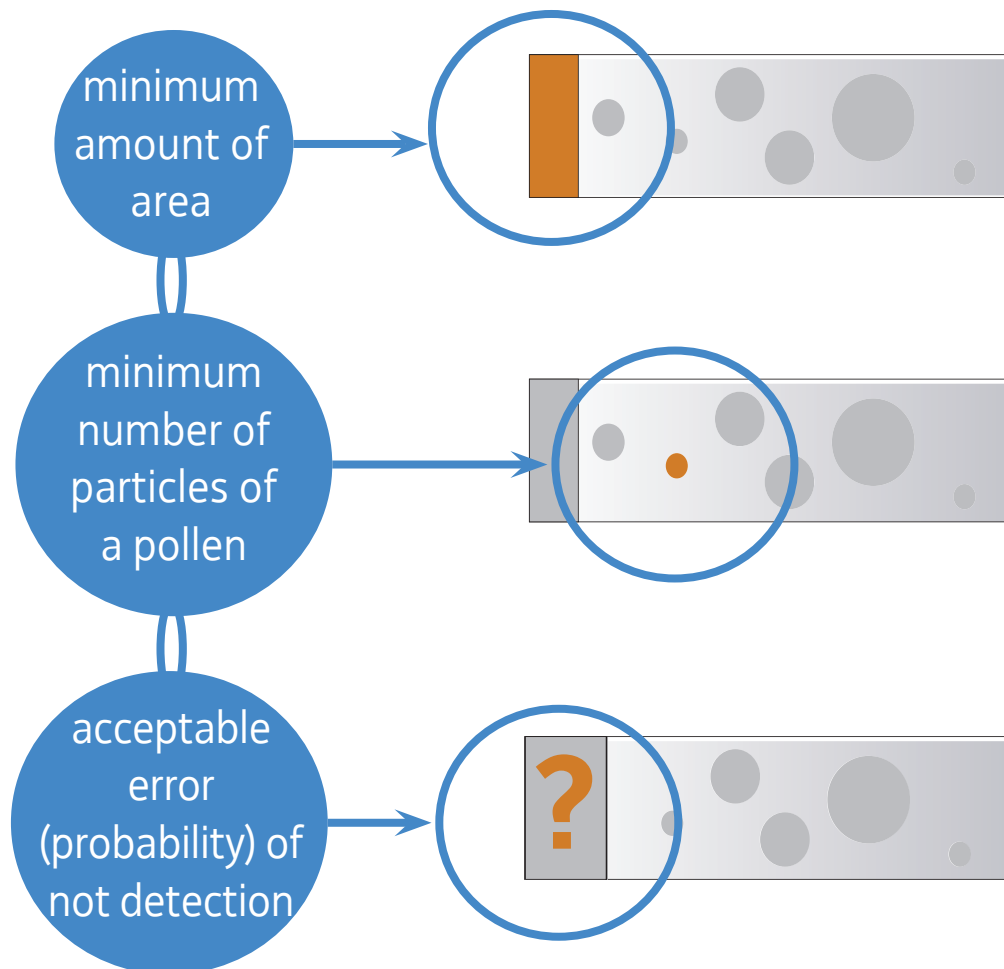


EACH SLIDE WAS ANALYZED MICROSCOPICALLY:



THEORETICAL/PROBABILISTIC

Bayesian
"point
estimation"

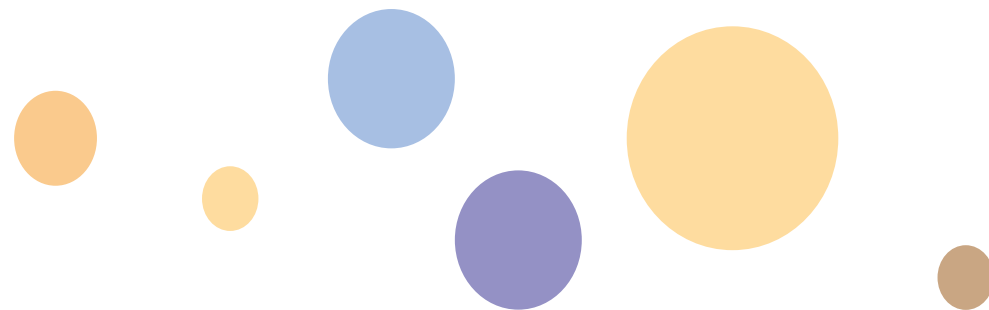


METHODS



14%

RESULTS

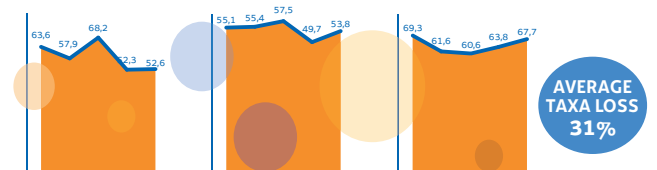
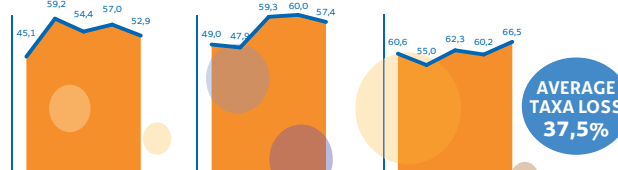
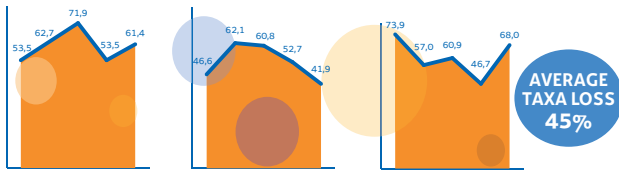


ANALIZED AT 10%

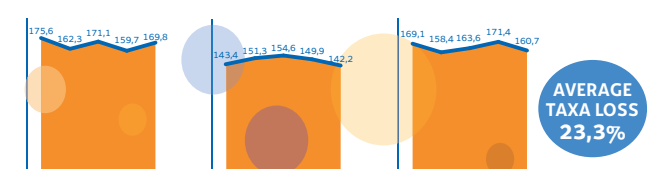
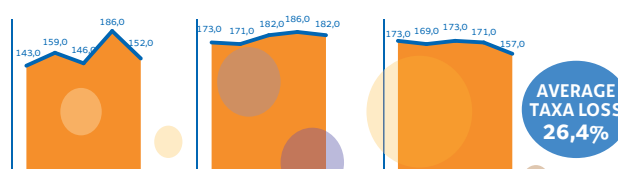
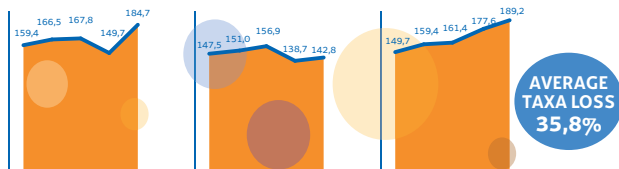
ANALIZED AT 15%

ANALIZED AT 20%

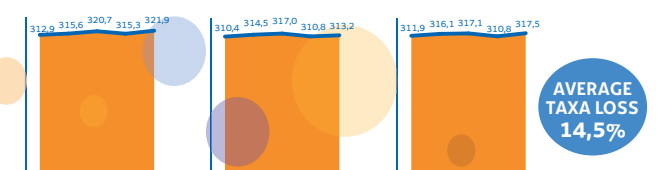
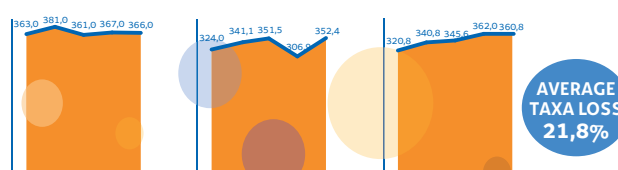
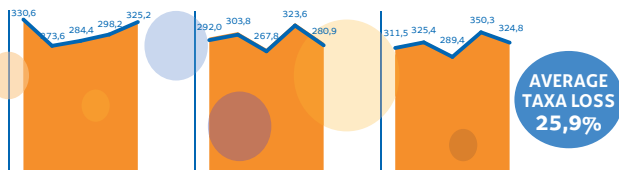
SLIDE 1



SLIDE 2



SLIDE 3



RESULTS

WHICH LEVEL OF **REPEATABILITY** AND **REPRODUCIBILITY** FITS FOR PURPOSE?

DISCUSSION





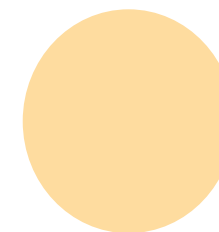
ALLERGOLOGY



CLIMATE CHANGE



BIODIVERSITY



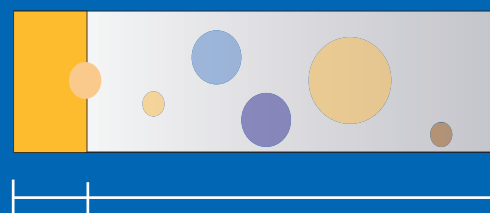
DISCUSSION

IDEAL SURFACE



20%

THE MOST SUITABLE
MINIMAL AREA TO BE
MICROSCOPICALLY
ANALYZED FOR THESE
PURPOSES IS



15%

CONCLUSIONS

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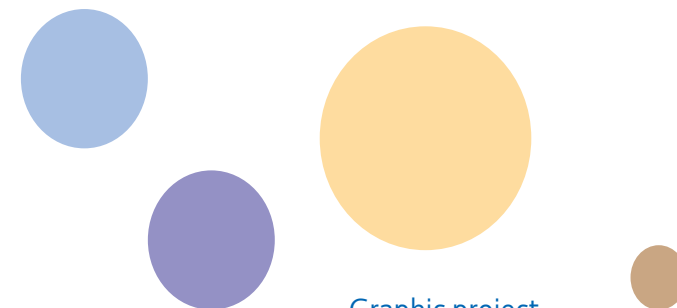
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