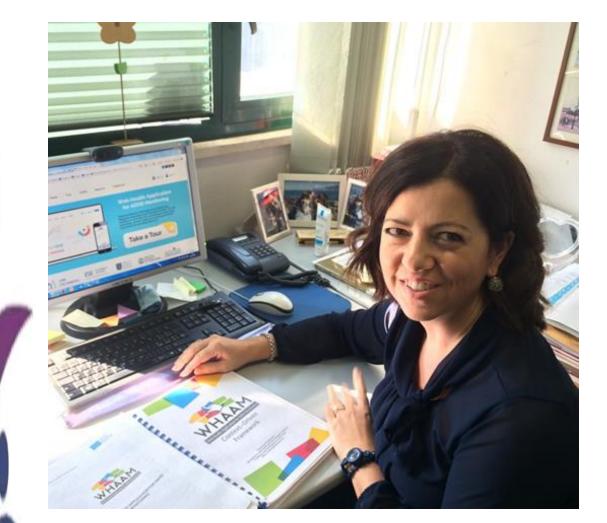


BASE O1: Development of the BASE application

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O1: Development of the BASE application



Output description

The Intellectual Output 1 (O1) aims to expand

the functionalities included in the WHAAM

application according to the theoretical and

methodological constrains defined by the PBS

approach.



BASE project kick-off meeting Romania 17 NNovembre2017

O1 – BASE: Who are the users?

- The main targets of the application are school leaders and teachers.
- School leaders will have a powerful tool to perform a continuous and universal screening and monitoring of the ongoing educational processes.
- Teachers will take advantage of the possibility to access evidence-based features that help them to evaluate the efficacy of their training actions on multiple levels (students' performance, reduction of problem behaviors, levels of the classroom well being, etc.), to share the educational events with other colleagues and with students' caregivers promoting an a better communication and connection between school and families.
- Moreover, also students and caregivers could consult and participate in the collection of some data in other contexts than school.



O1 – BASE: What does the users do?

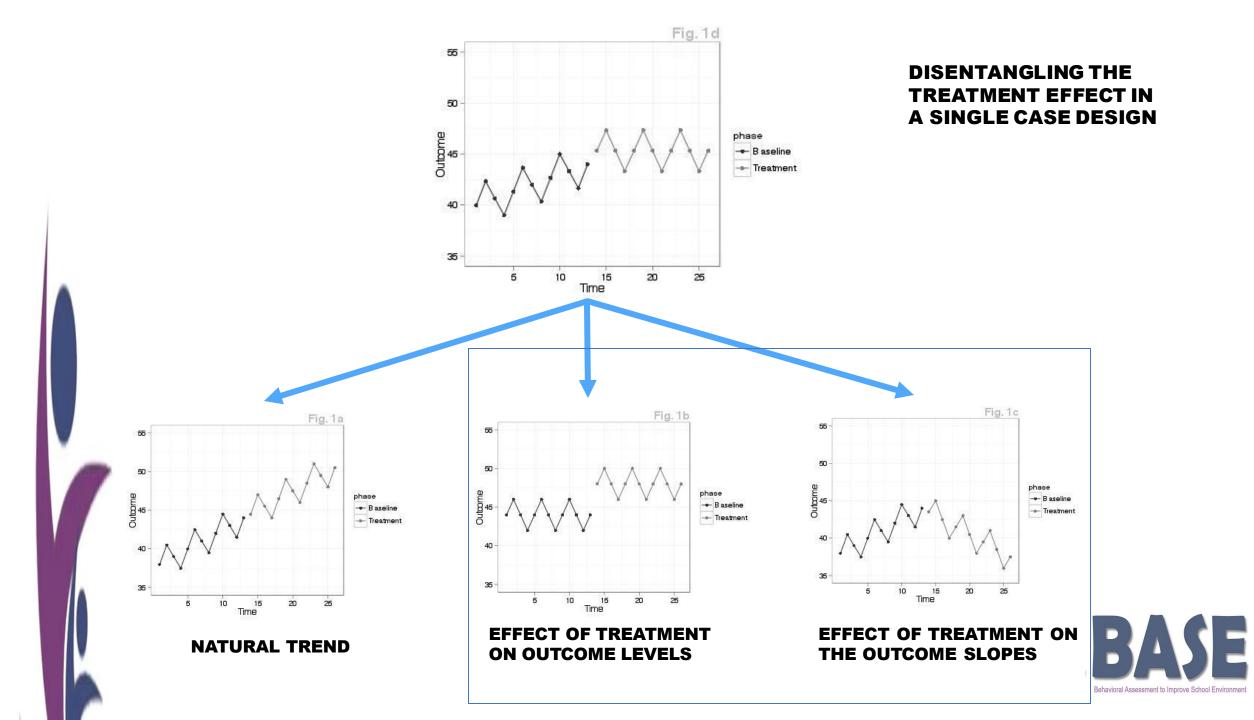
- The BASE's users can:
 - collect students and teachers data in everyday school life;
 - monitor the effectiveness of PBS interventions according to an evidencebased approach;
 - easily generate reports about the data collected with the application.

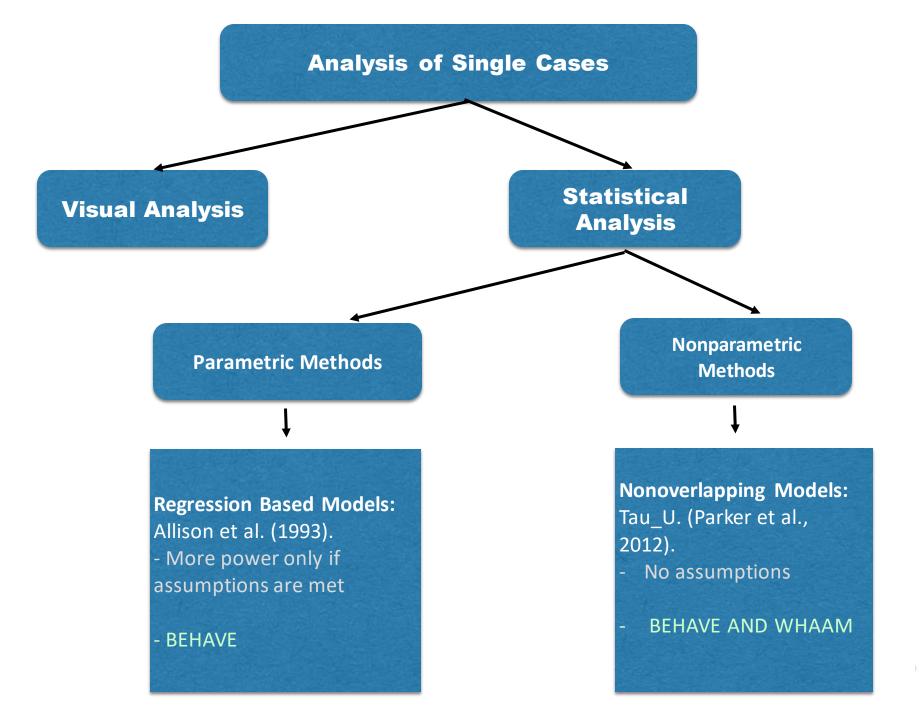


Categories of potential features:

- To evaluate the well-being status of teachers and students (i.e. rating, emotional thermometer, or visual analog scales);
- to collect information about academic progresses such as discipline referrals, attendance reports, etc.;
- to let the teachers to easily build measures to assess for instance the students engagements or comprehension.

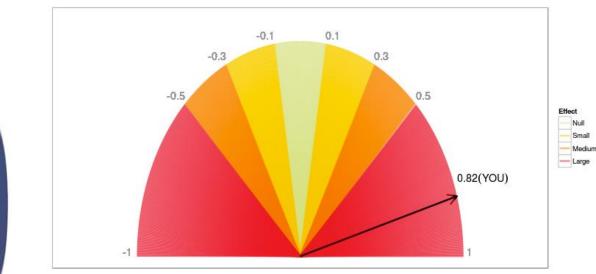








Two kinds of output



Magnitude of effect size

Fast and easy: thermometer

TAU_U Analysis

	A vs. B	A vs. B + TREND B	A vs. B + TREND B - TREND A
n pairs	400	590	780
n pos	364	424	496
n neg	0	72	132
S	364	352	364
Tau	0.91	0.597	0.467
SDs	72.097	77.989	83.467
VARs	5197.949	6082.308	6966.667
Z	5.049	4.513	4.361
p(Z based)	0	0	0
r Effect Size	0.99	0.806	0.67

Full and more complex output



O1 - BASE: Development of the BASE application – How to organize the development process?

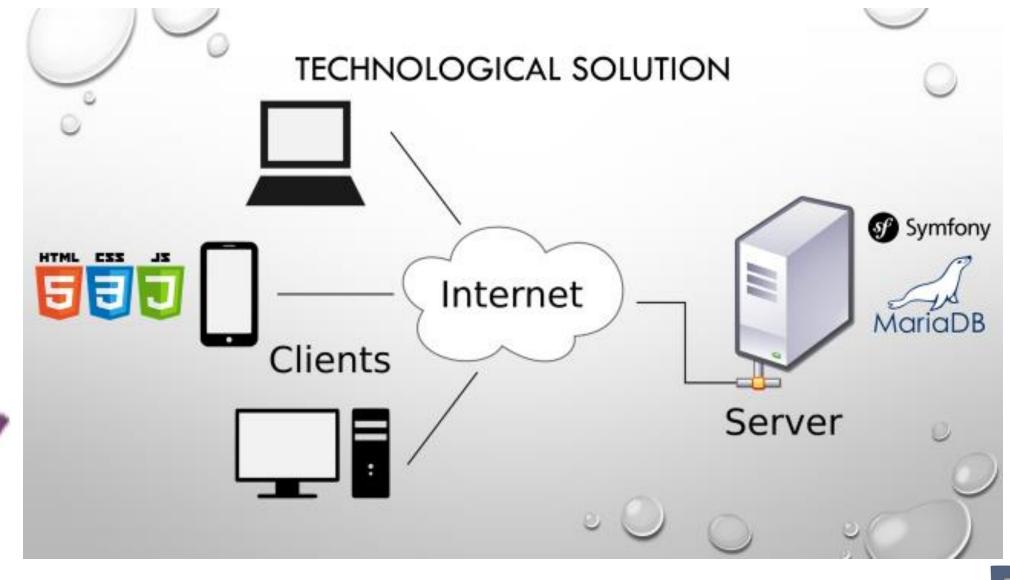


One website fits to all screens





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Thank you!

"Nothing could be more absurd than an experiment in which computers are placed in a classroom where nothing else is changed"

Seymour Papert

