

EDUCATIONAL ENVIRONMENT : ASSESSMENT FROM THE CEESO PARIS STUDENTS

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INTRODUCTION

Educational Environment

Everything that happens physically and psychologically in the classroom, the institution and is essential to academic outcomes (Genn, 2001a; Sue Roff, 2001; Mushtaq, 2007)

2015 Decree

- Evolution of the osteopathy curriculum
 - Change in the structure of teaching
 - New exam procedures
 - Real change of the educational environment

Dundee Ready Educational Environment Measure (**DREEM**) (McAleer and Roff, 2001)

- Tool developed in 1997
- Used in a lot of institutions



QUESTION AND OBJECTIVES

QUESTION

What is the perception of the educational environment by CEESO Paris students using the DREEM ?

OBJECTIVES

- Assess this perception
- Compare the results to these obtained in other institutions
- Identify areas of improvement

MATERIAL

2018 DREEM SURVEY

- **50 items divided in 5 categories**
 - Students' Perception of Learning (SPL)
 - Students' Perception of Teachers (SPT)
 - Students' Academic Self-Perception (SASP)
 - Students' Perception of Atmosphere (SPA)
 - Students' Social Self-Perception (SSSP)
- **Score**
 - Overall
 - Subtotal
 - Per item

POPULATION ASKED

Students from 2nd, 3rd, 4th, 5th year

ALSO ASKED

- Age
- Gender
- Promotion
- School career
- Year repeating
- Physical activity
- Student job
- Daily travel time

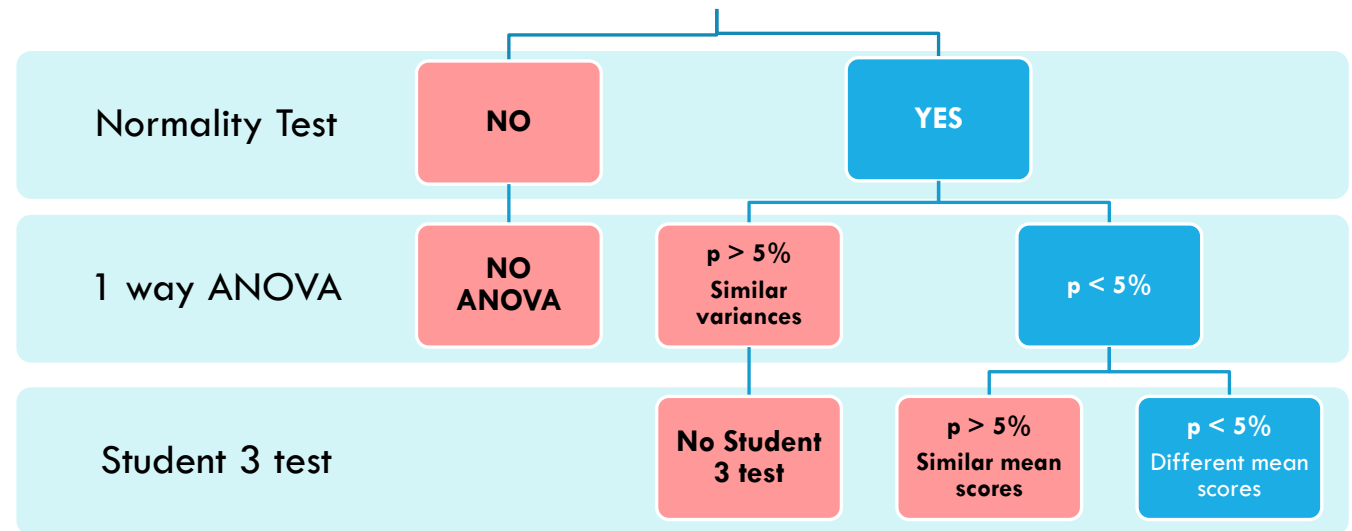
METHOD

Qualitative analysis

- Mean scores interpretation guide proposed by the DREEM's authors

Statistic analysis

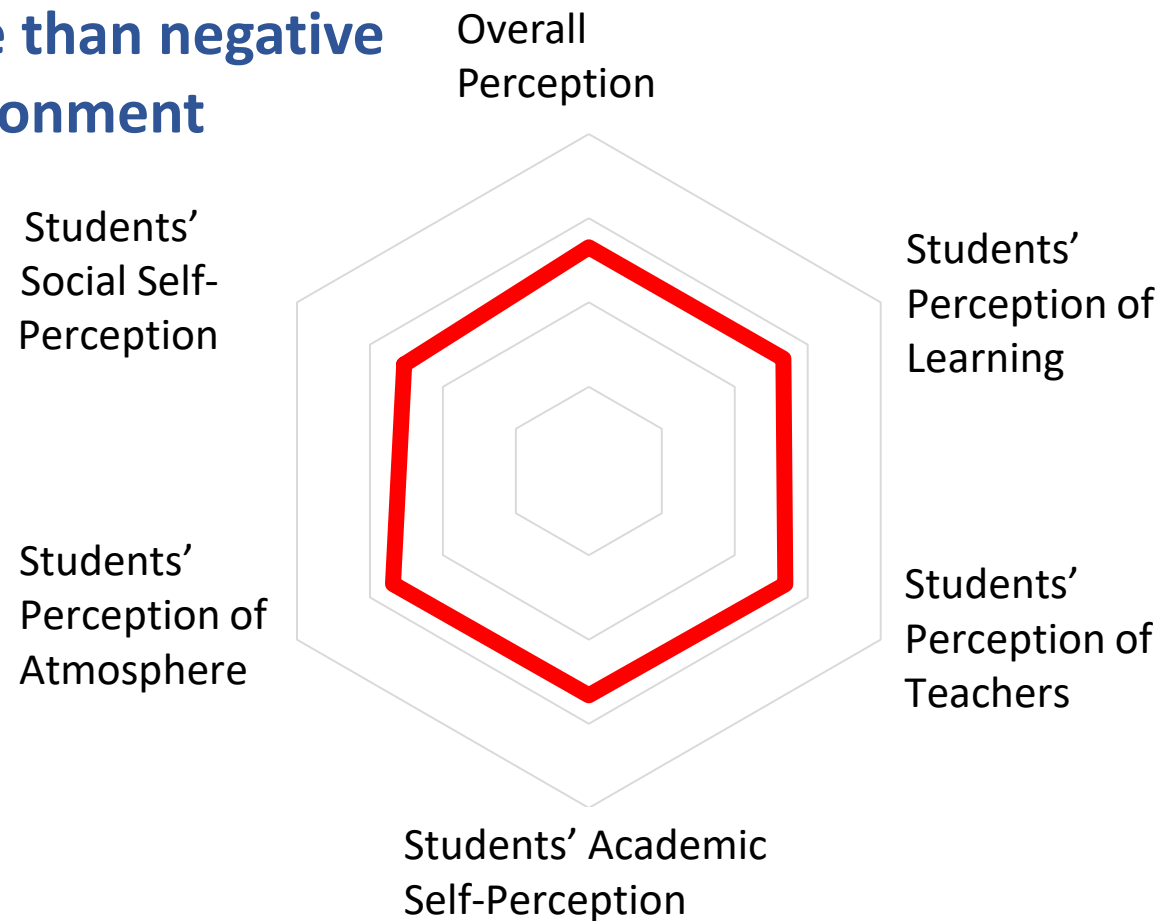
- Comparison of students' populations
- Analysis algorithm
 - Normal Distributions
 - Analysis of Variance
 - Comparison of mean scores



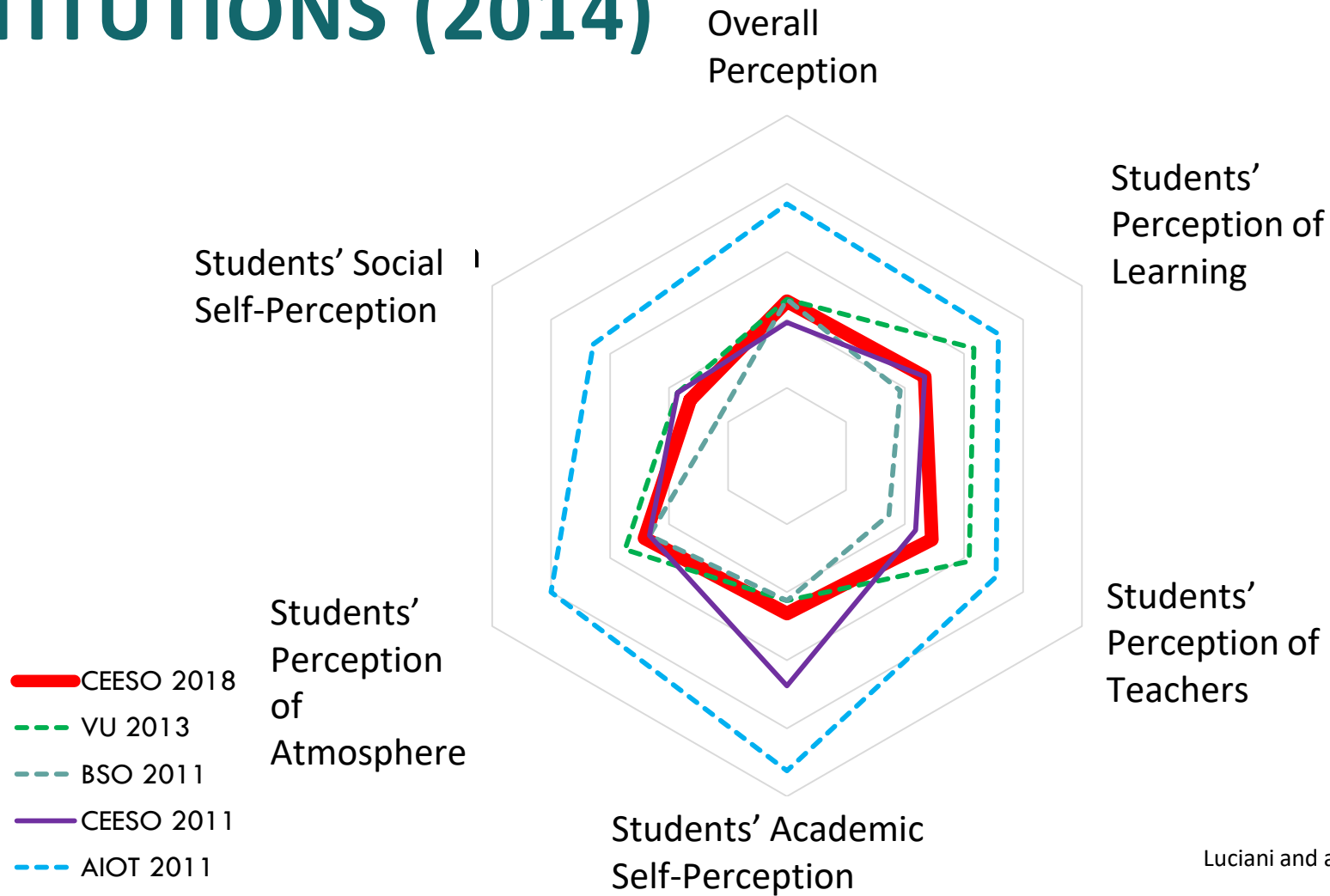
CEESO 2018 RESULTS

133 respondents over 188 students: 70.75%

**A more positive than negative
perceived environment**

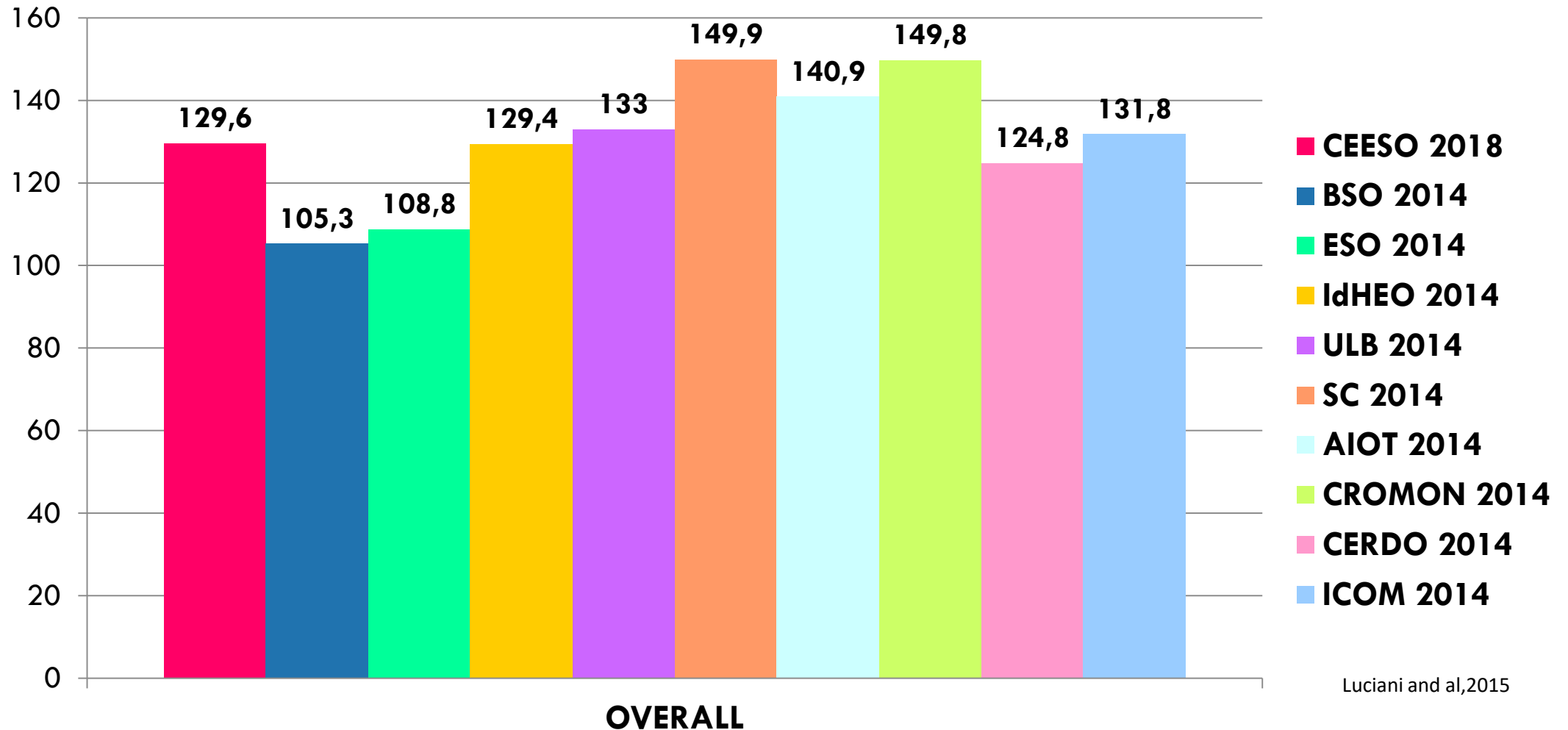


DISCUSSION: COMPARISON WITH OTHER INSTITUTIONS (2014)



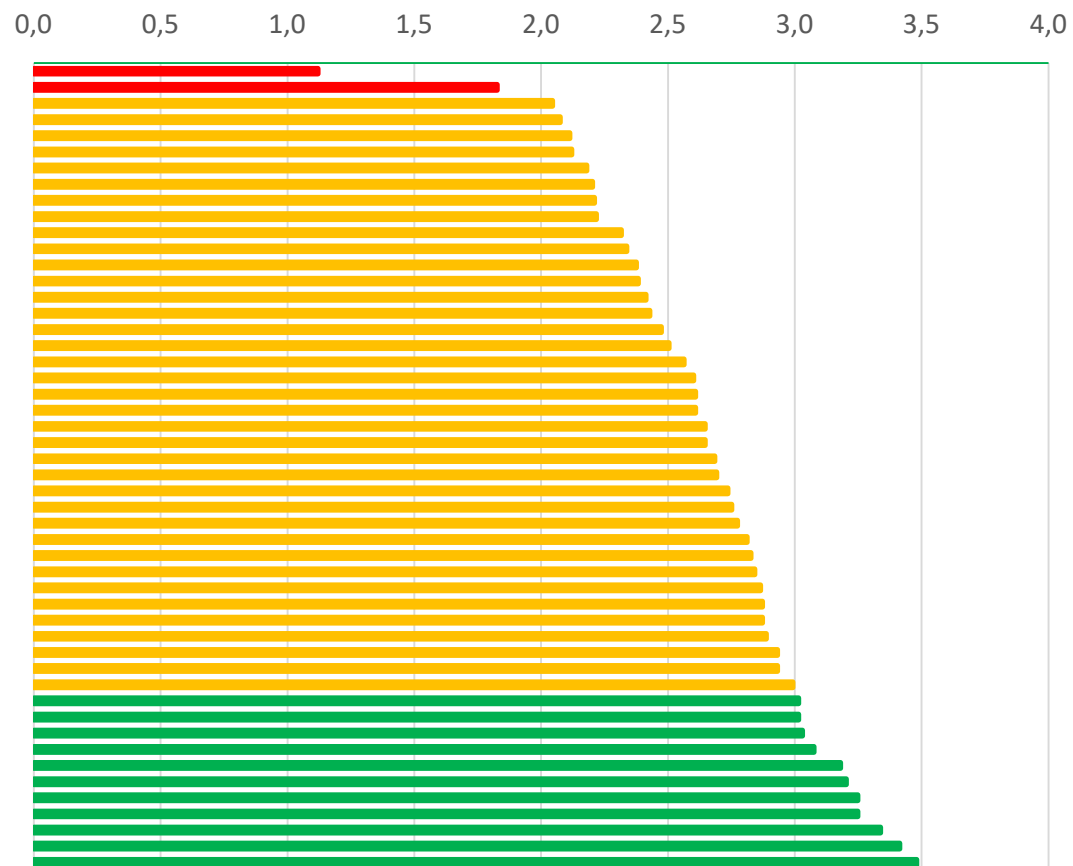
Luciani and al,2014; Vaughan and al, 2014

DISCUSSION: COMPARISON WITH OTHER INSTITUTIONS (2015)



Luciani and al,2015

50 DREEM items sorted by mean score



CEESO 2018 RESULTS

50 DREEM items sorted by mean score

0,0 0,5 1,0 1,5 2,0 2,5 3,0



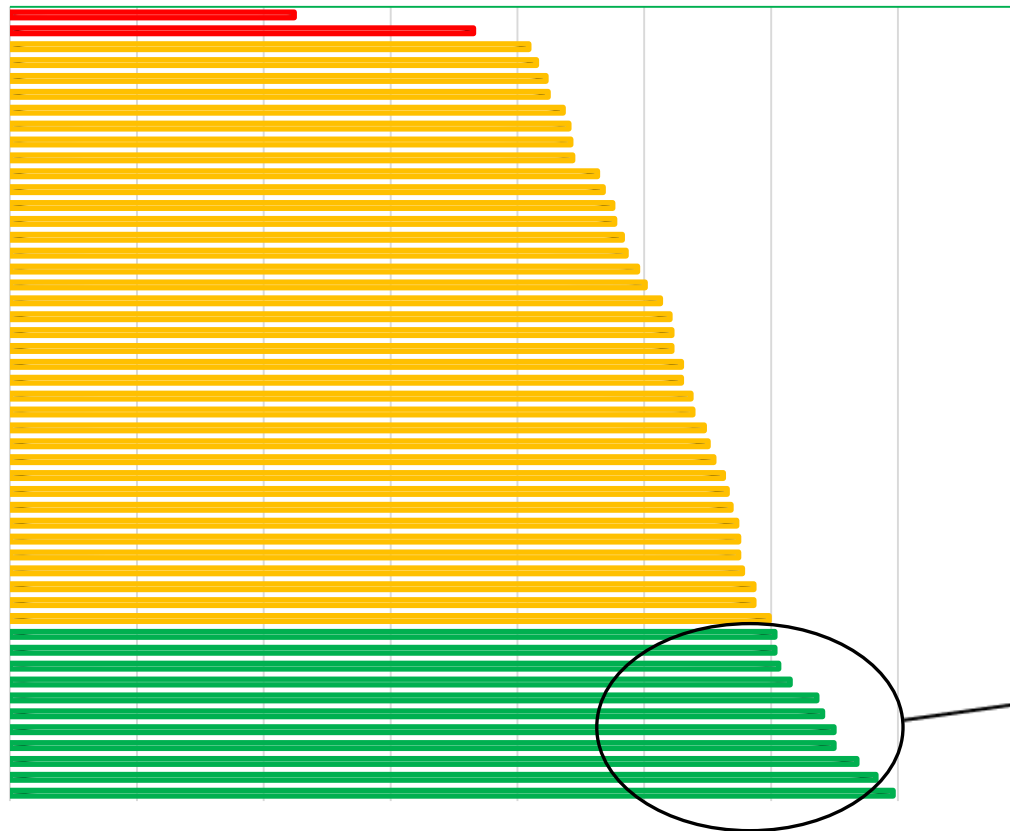
2 low mean score items (< 2)

- Support system for stressed students
- Well managed timetables

CEESO 2018 RESULTS

50 DREEM items sorted by mean score

0,0 0,5 1,0 1,5 2,0 2,5 3,0 3,5 4,0

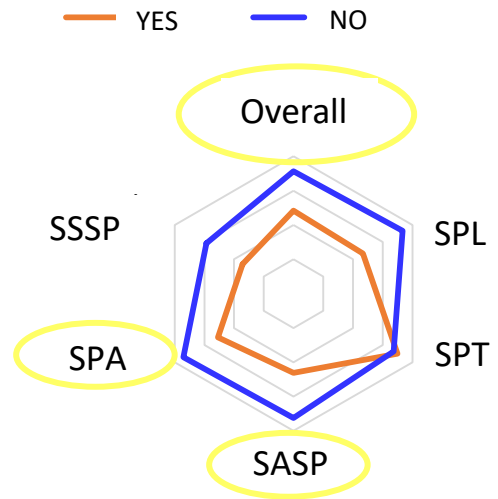


11 high mean score items (> 3)

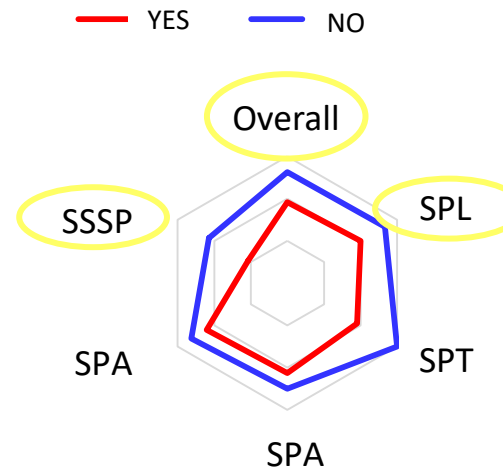
- Stimulating Teaching
- Competent teachers
- Comptences development
- Efficient preparation for the osteopathic profession

RESULTS

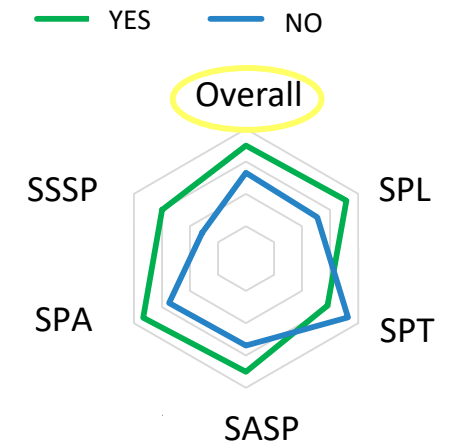
YEAR REPEATING



STUDENTS JOB



PHYSICAL ACTIVITY



DISCUSSION: IMPACT OF YEAR REPEATING

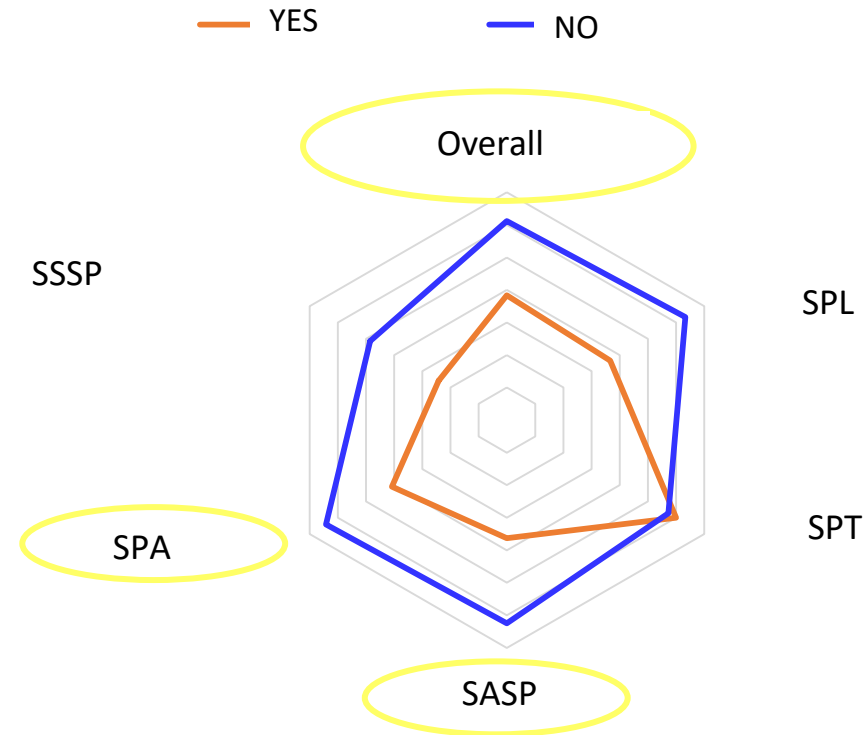
➤ Short-term benefits

(Gary-Bobo and Robin, 2013; CNESCO, 2015; Sorho-Body, 2018)

➤ Long-term negative effects

(Dutrévis and Crahay, 2013; Crahay, 2004; CNESCO, 2015)

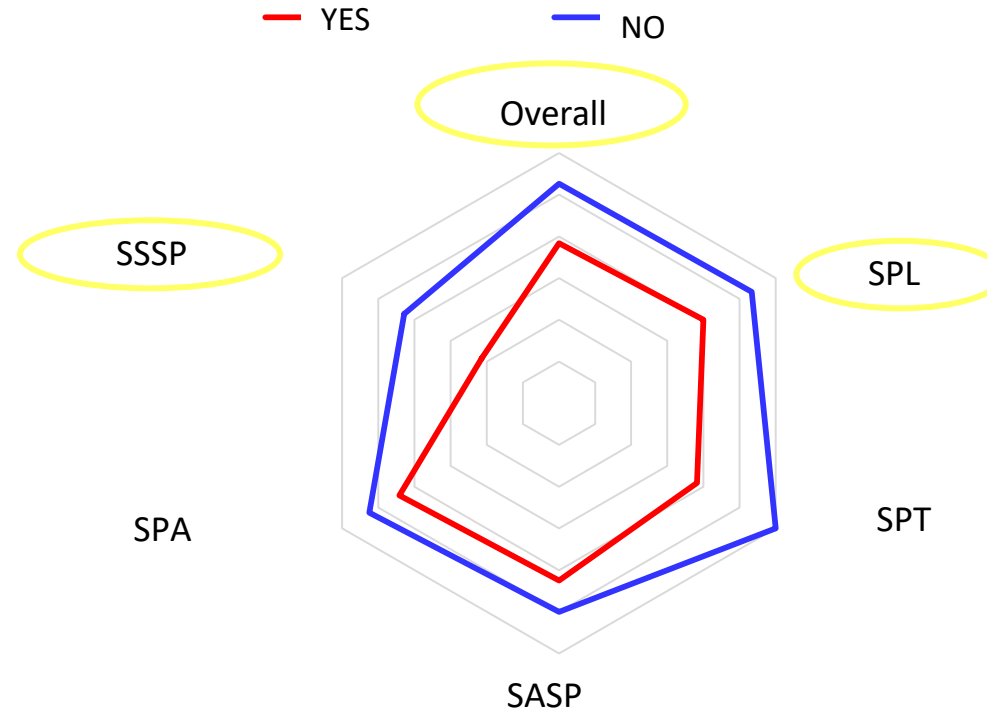
- Decreased confidence and self-esteem
- Increased risk of failure
- Boredom during classes



DISCUSSION: IMPACT OF STUDENT JOB

(Sorho-Body, 2018)

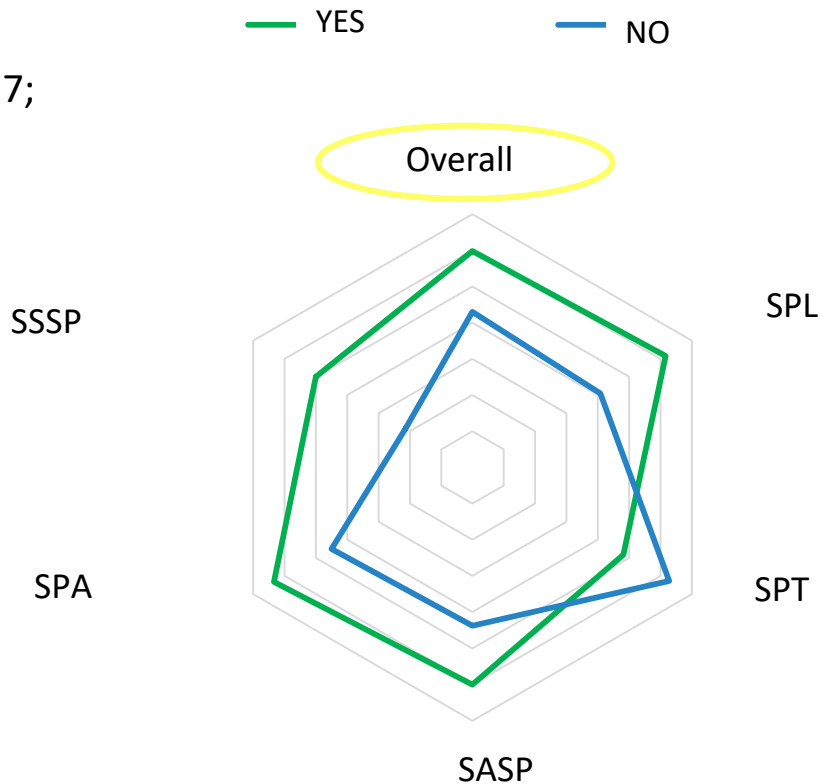
- Fatigue
- Likelihood of abandonment



DISCUSSION: IMPACT OF PHYSICAL ACTIVITY

(McPherson et al., 2018 ; Charness et al., 2017;
Fricke et al., 2017)

- Good study skills
 - Better health status
- Better academic results



DISCUSSION

Improvements

- **Stress**  **Support**
 - Stressed students
 - Salaried students
 - Repeating students

- **Timetable**  **Improve management**

- **Physical activity**  **Fostering physical activity**
 - Time schedule
 - Partnerships



DISCUSSION

DREEM: a satisfactory tool

- Reproducible
- Good overview

Study biases

- Translation
- Method for statistical analysis of the tool
- Punctual study
- Investigation period



CONCLUSION

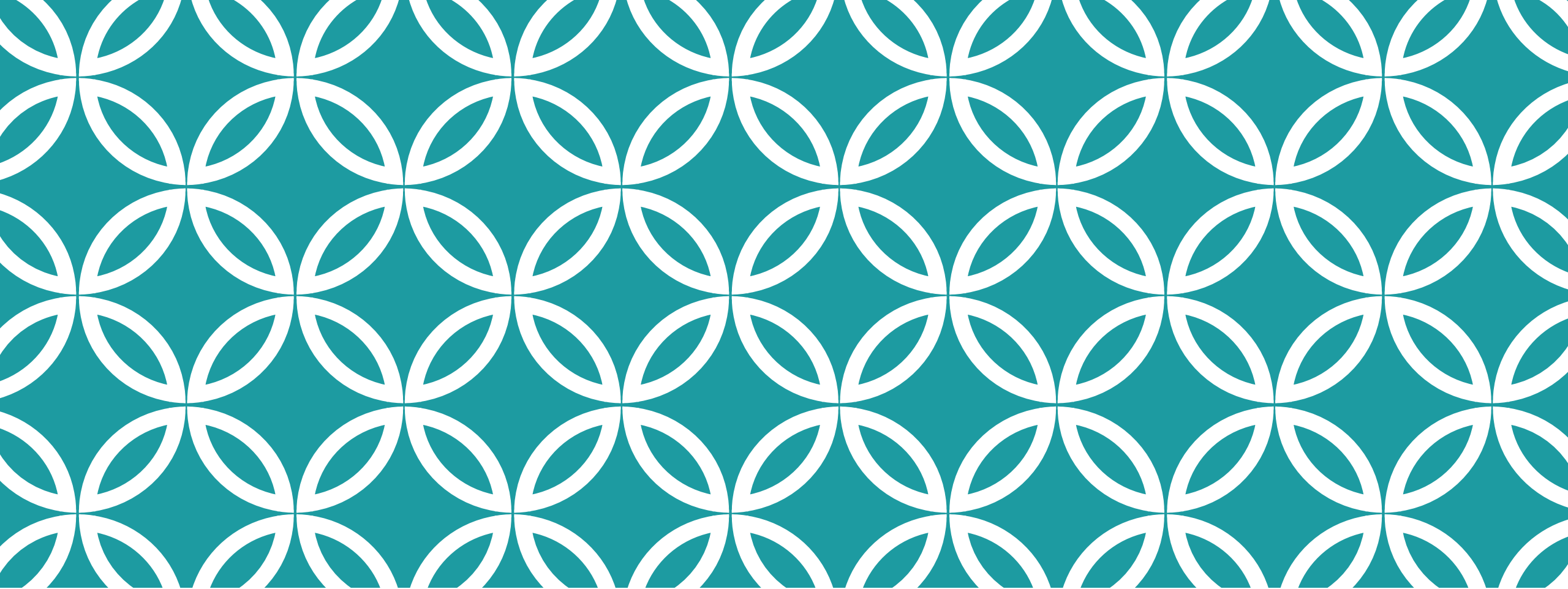
- **A positive overall perception**

Quality teachers, stimulating training, good preparation for the osteopathic profession

- **Some points for improvement**

- Support for stressed students, repeaters and employees
- Time schedule
- Promote the practice of sport

This study provides a starting point for a multi-year observation of the educational environment at CEESO Paris.



THANK YOU FOR YOUR
ATTENTION



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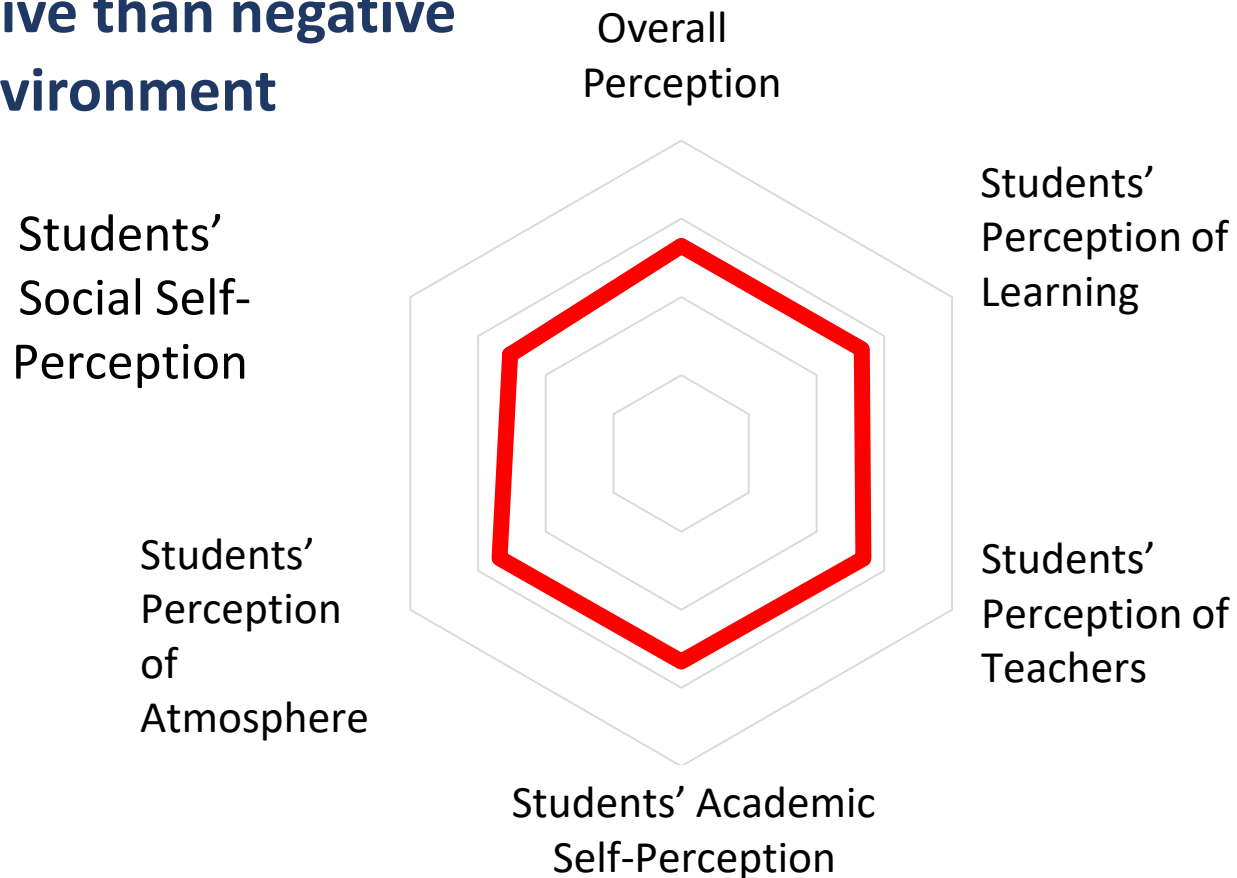
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DETAILED RESULTS 1/5

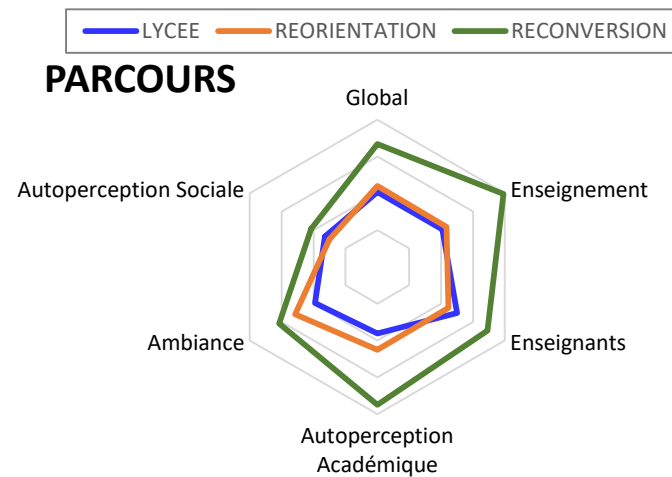
CEESO 2018 SURVEY

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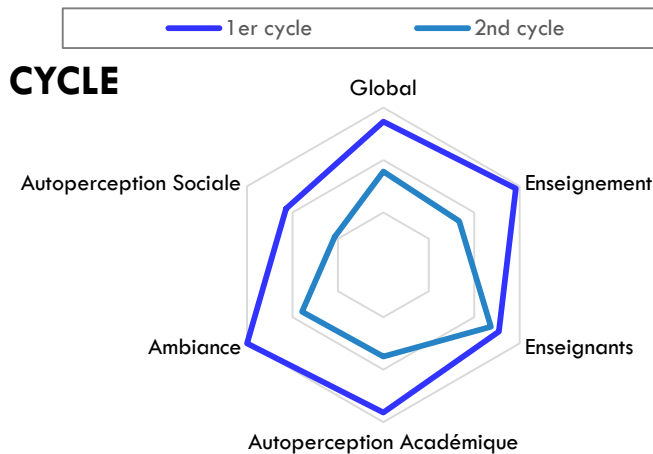


DETAILED RESULTS 2/5

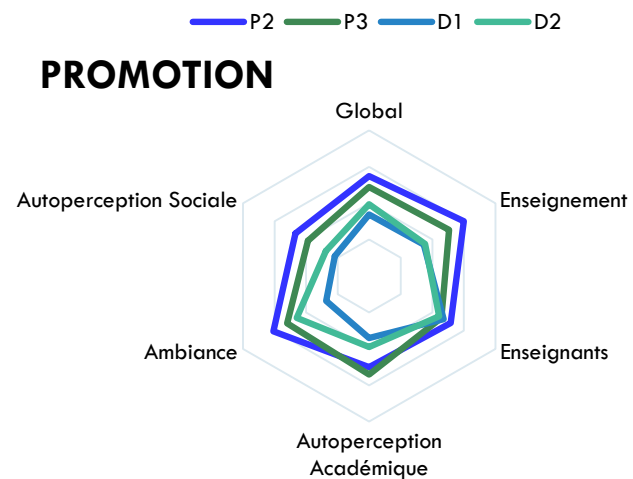
PARCOURS



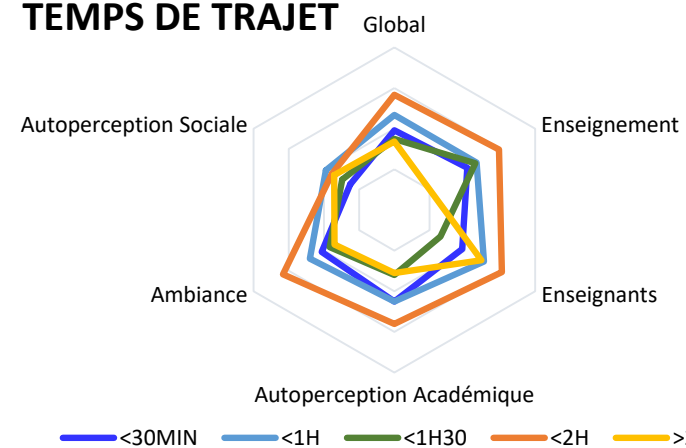
CYCLE



PROMOTION

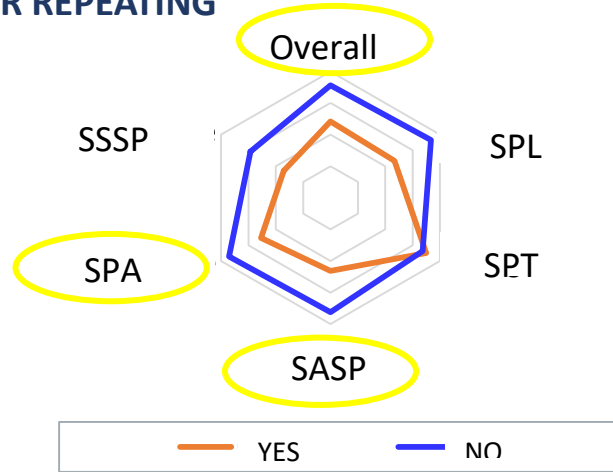


TEMPS DE TRAJET

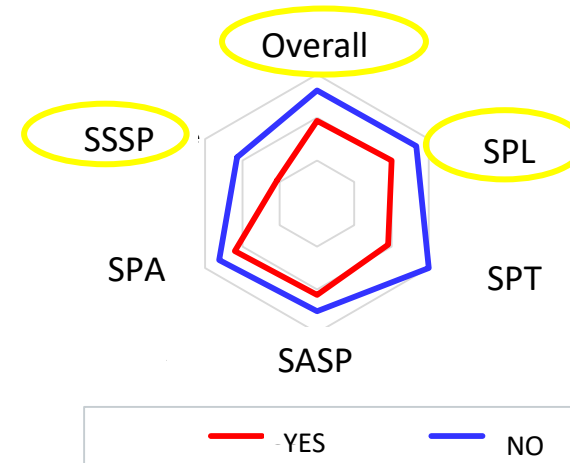


DETAILED RESULTS 3/5

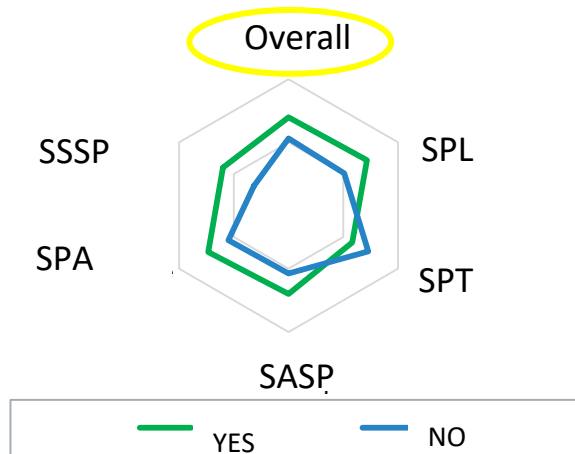
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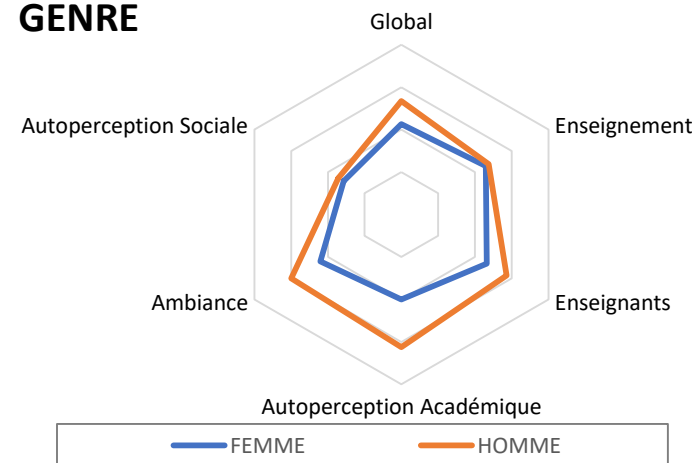
STUDENTS JOB



PHYSICAL ACTIVITY

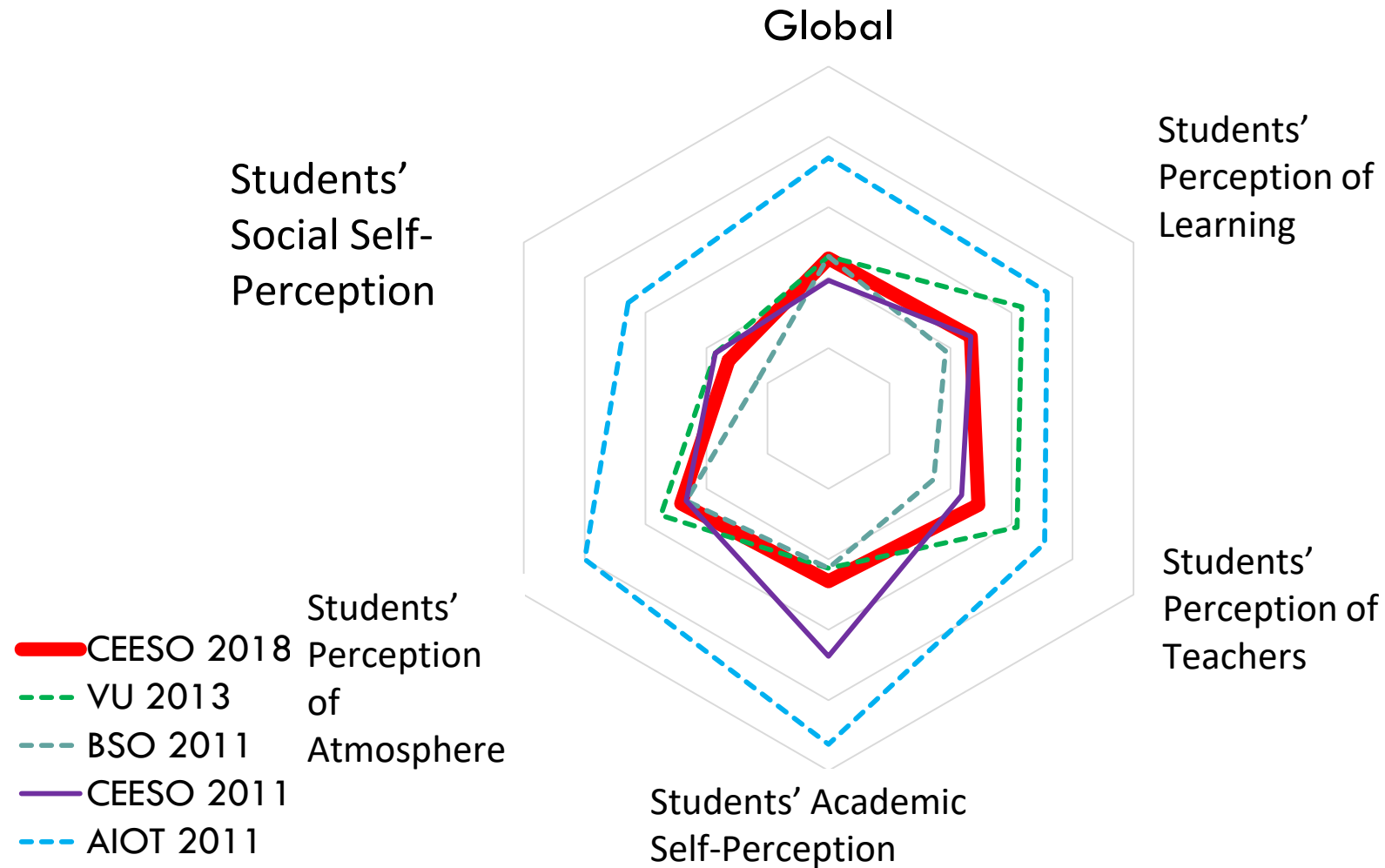


GENRE

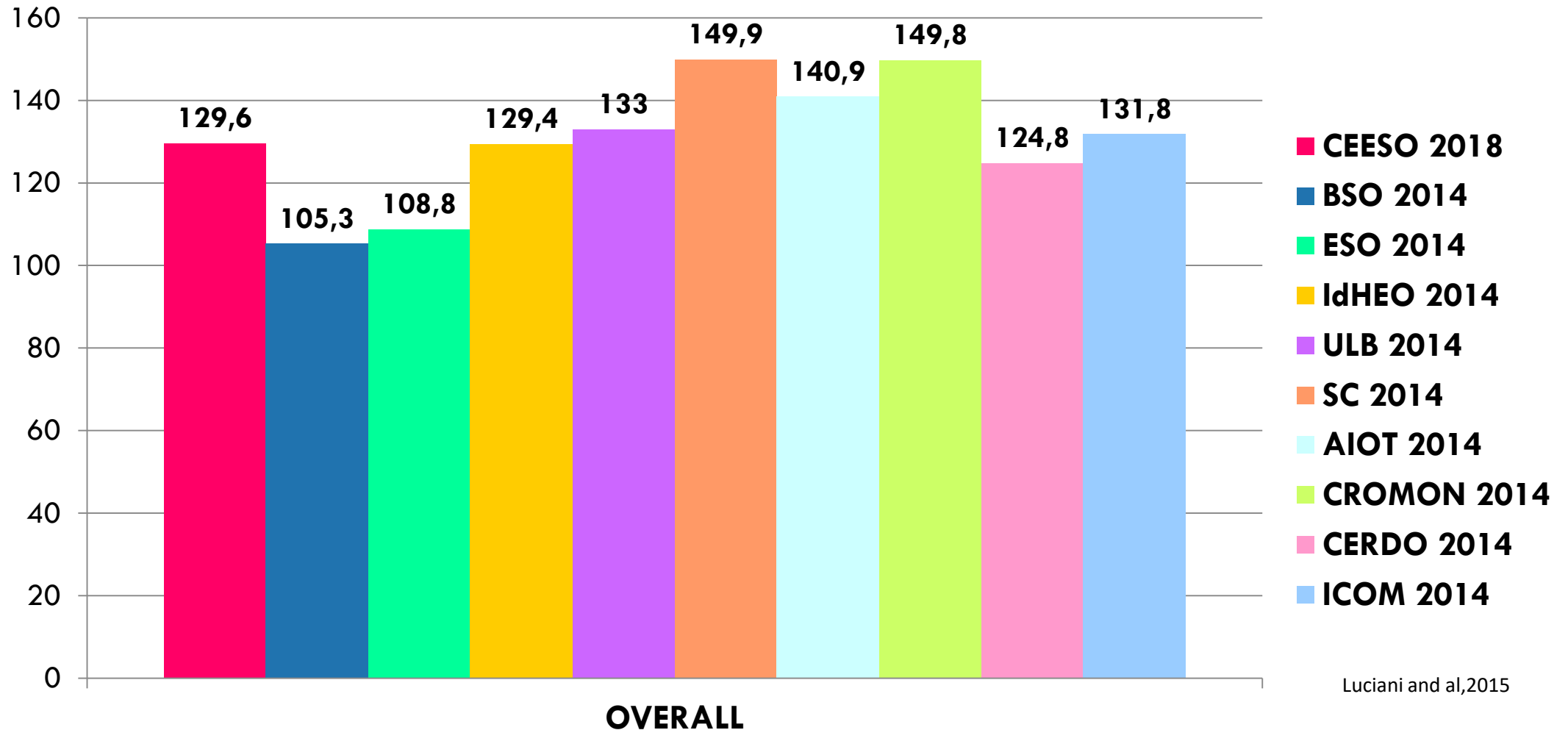


DETAILED RESULTS 4/5

Comparison with other institutions 1/3



DISCUSSION: COMPARISON WITH OTHER INSTITUTIONS (2015)



Luciani and al,2015