

# Annual report 2021

Leiden University  
University of Amsterdam  
University of Groningen  
Tilburg University  
University of Twente  
Utrecht University  
KUL University of Leuven  
Statistics Netherlands (CBS)  
Psychometric Research Center (Cito)

## Contents

<b>1 Preface</b>	<b>4</b>
<b>2 Introduction</b>	<b>5</b>
<b>2.1 Background</b>	<b>5</b>
<b>2.2 Role of IOPS (contrasted with local graduate schools)</b>	<b>5</b>
<b>2.3 Aims and activities op IOPS</b>	<b>6</b>
<b>2.3.1 Activities</b>	<b>6</b>
<b>2.3.2 Quality of PhD research</b>	<b>7</b>
<b>2.3.3 Connecting PhD students to the labour market</b>	<b>7</b>
<b>2.4 Admittance to the IOPS postgraduate program</b>	<b>7</b>
<b>2.5 Affiliated student membership</b>	<b>9</b>
<b>3 Organization</b>	<b>10</b>
<b>3.1 History</b>	<b>10</b>
<b>3.2 Participating and cooperating institutes</b>	<b>10</b>
<b>3.3 Board and office</b>	<b>12</b>
<b>3.3.1 Members IOPS Board</b>	<b>12</b>
<b>3.3.2 PhD representatives</b>	<b>13</b>
<b>3.3.3 Office</b>	<b>13</b>
<b>3.4 Cooperation with Related Master programmes</b>	<b>13</b>
<b>3.5 Board &amp; plenary meetings</b>	<b>14</b>
<b>3.6 Archive</b>	<b>14</b>
<b>4 The IOPS post graduate programme</b>	<b>16</b>
<b>4.1 Educational programme</b>	<b>16</b>
<b>4.1.1 IOPS curriculum</b>	<b>16</b>
<b>4.1.2 Courses in 2021</b>	<b>17</b>

<b>4.1.3 Numbers of IOPS students per course in 2021</b>	<b>17</b>
<b>4.1.4 Examination</b>	<b>18</b>
<b>4.1.5 Course evaluation</b>	<b>18</b>
<b>4.1.6 Research training programme</b>	<b>19</b>
<b>4.1.7 Peer review</b>	<b>19</b>
<b>4.1.8 Conferences: aims and programme</b>	<b>19</b>
<b>4.1.9 Conferences in 2021</b>	<b>20</b>
<b>4.2 IOPS certificate</b>	<b>20</b>
<b>5 Students and their projects</b>	<b>21</b>
<b>5.1 Introduction</b>	<b>21</b>
<b>5.2 Admissions, deregistrations and dissertations</b>	<b>21</b>
<b>5.2.1 Dissertations in 2021</b>	<b>21</b>
<b>5.2.2 New projects in 2021</b>	<b>22</b>
<b>6 Staff</b>	<b>23</b>
<b>6.1 Professorships</b>	<b>24</b>
<b>6.2 Staff changes</b>	<b>24</b>
<b>In memoriam - Don Mellenbergh</b>	<b>24</b>
<b>6.1 Staff members</b>	<b>26</b>
<b>6.2 Associated Staff members</b>	<b>34</b>
<b>6.3 Honorary emeritus members</b>	<b>35</b>
<b>7 Scientific awards and grants</b>	<b>37</b>
<b>7.1 Awards and grants honored to IOPS staff members</b>	<b>37</b>
<b>7.1.1 Scientific awards</b>	<b>37</b>
<b>7.1.2 NWO Grants</b>	<b>37</b>
<b>7.1.3 International grants</b>	<b>40</b>
<b>7.1.4 Other grants</b>	<b>40</b>
<b>7.2 Awards and grants honored to IOPS phd students</b>	<b>43</b>

<b>7.2.1 Scientific awards</b>	<b>43</b>
<b>7.2.2 Grants</b>	<b>43</b>
<b>8. Finances</b>	<b>44</b>
<b>8.1 Financial statement 2021</b>	<b>44</b>
<b>8.2 Summary of receipts and expenditures in 2021</b>	<b>44</b>
<b>8.3 Balance sheet 2021</b>	<b>45</b>
<b>9 Appendix 1: Contact details of IOPS institutes</b>	<b>46</b>
<b>9.1.1 Participating Institutes</b>	<b>46</b>
<b>9.1.2 Cooperating institutes</b>	<b>48</b>

## 1 Preface

In 2021, just like the year before, due to the Covid-19 pandemic, IOPS continued to provide its curriculum and both Summer and Winter conferences through a digital platform. After having to cancel the joint conference with SMiP in 2020, the summer conference with SMiP finally took place in 2021, which was a great success.

This year the IOPS Best Poster Award was won by Mihai Constantin (summer 2021) and Jeroen Mulder (winter 2021). The Best Presentation Award was won by Angelika Stefan (summer 2021) and Merle Pittelkow (winter 2021).

Tim Loossens won the IOPS Best Paper Award, with his paper ‘The Affective Ising Model: A computational account of human affect dynamics’.

We congratulate the 10 students who defended their thesis successfully. The number of IOPS students in 2021 went down to 69.

On behalf of the IOPS board,

Rob Meijer

## 2 Introduction

### 2.1 Background

The Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS) is an institute for the advanced dissertation training in psychometrics and sociometrics of PhD students in The Netherlands and Belgium. Additionally, it coordinates high-quality research taking place in these fields, and its staff members consist of internationally esteemed experts.

Since its inception in 1987, IOPS has become a cornerstone of the psychometric and sociometric community in the Netherlands and Belgium, and it has contributed to the development of several generations of psychometricians and sociometricians. It is commonly held that to be an active member of the psychometric and sociometric academic community in the Netherlands and Belgium, means participating in IOPS, and PhD students working on topics related to psychometrics and sociometrics are almost always encouraged by their supervisors to become a member of IOPS since it is beneficial for the PhD student.

Many former IOPS student members have become internationally renowned psychometricians and sociometricians, and many of these alumni continue to be affiliated with IOPS and contribute by providing courses for IOPS students or acting as reviewers for research proposals.

### 2.2 Role of IOPS (contrasted with local graduate schools)

Psychometrics and sociometrics are rather specialized topics. Therefore, IOPS fills an important role in providing both a community for persons working on related research topics, and an educational platform that is able to provide courses, conferences, and specialized support that PhD students working on psychometrics and sociometrics would not be able to obtain at their own university. IOPS does not replace the role of local graduate schools that exist at the university where the PhD student works. IOPS aims to supplement the services provided by local graduate schools, it does not aim at fulfilling the managerial role of those local graduate schools. That is, IOPS PhD students are still expected to take part in their local graduate schools, and to adhere to the rules that are specified by these graduate schools. This also means that the supervision and management of participating PhD students is still taken to be the responsibility of the

university of the student, and is a role that is not fulfilled by IOPS.

Thus, IOPS supplements the services of these local graduate schools in areas where these graduate schools are unable to provide the students with services they need (i.e., specialized education on all areas of psychometrics and sociometrics, and a social research platform where students and researchers working on psychometrics and sociometrics can interact). This is a contribution that both former and current IOPS PhD students evaluate positively, and that many see as an important part of their professional development as psychometric or sociometric researchers. IOPS success and importance as an inter-university graduate school is also reflected in the fact that in September 2013 it was awarded by NWO with a NWO Graduate Program grant, which provided funding for four extra IOPS PhD positions on various topics in psychometrics and sociometrics.

## **2.3 Aims and activities of IOPS**

The main aims of IOPS are to support the development of young researchers and the execution of high-quality research in psychometrics and sociometrics in the Netherlands and Belgium.

### **2.3.1 Activities**

To achieve the aims mentioned above, IOPS undertakes the following activities:

- Providing multiple postgraduate courses on a variety of topics in psychometrics and sociometrics, taught by subject matter experts at participating universities and institutions (see Section 3.1).
- Providing PhD students with the opportunity of participating in the IOPS postgraduate program, which consists of a coherent set of courses and is rewarded with the IOPS certificate (see Section 3.3).
- Organizing biannual IOPS conferences at which both IOPS PhD students and international experts can present their research.
- Providing a network for both PhD students and researchers in psychometrics and sociometrics that facilitates interuniversity collaborations and informs its members of relevant news in the field (e.g., conferences and job openings). This also improves the transition of PhD students into relevant job positions after the

PhD has been completed (see Section 1.3.3).

- Offering support from a students' counselor in case a PhD student encounters a conflict with their supervisor regarding the contents of the research that cannot be solved at the faculty. Conflicts in the area of human resources or confidential personal matters are to be solved by the counselor of the students' faculty.

### 2.3.2 Quality of PhD research

The quality of PhD research is ensured by:

- The admission procedure: review of the proposal and approval by the board (part 1.3). At least one of the supervisors is an IOPS staff member, so the content quality of the research is being monitored.
- The requirements for the IOPS certificate, including being a discussant twice and review of a proposal twice (part 3.3)
- The research has to be concluded with an approved dissertation.

### 2.3.3 Connecting PhD students to the labour market

IOPS aims at optimizing the position of participating PhD students on the labour market after the completion of their PhD. It does so by providing:

- the IOPS certificate, which communicates to future employers that the student has successfully completed the IOPS PhD postgraduate program.
- a networking platform by means of the biannual conferences, which are also attended by IOPS staff.
- information (on the website and via emails) about relevant job openings.

Additionally, many stakeholders of psychometrics and sociometrics participate in IOPS, which means that after participation in IOPS, PhD students have obtained important connections both in academic and more applied areas related to their expertise. The main participating institutes are Cito and Statistics Netherlands (CBS).

### 2.4 Admittance to the IOPS postgraduate program

Any PhD student in the Netherlands and Belgium can apply for admittance to the IOPS



program, on condition that the following criteria are met:

- The student is in possession of a Master's degree (or equivalent) in a field related to psychometrics or sociometrics.
- He or she is registered as a PhD student at one of the universities in the Netherlands or Belgium, or he or she has a supervisor that is a staff member of IOPS.
- The research that the student performs or will perform towards achieving the title of PhD can be classified as being psychometric or sociometric research.
- The student has composed a research proposal for evaluation by the IOPS board that shows that the research is of sufficient quality.
- The student has composed a feasible educational plan that satisfies the criteria of the IOPS program (see Section 3.3).

If a student believes that these criteria can be met, he/she can submit an application to the secretary of IOPS. This application consists of the student's application detailing the research that the student will perform, and an educational plan that lists the IOPS courses that the student plans to follow and the period in which they will follow these courses.

After receiving the student's application, this is sent out for review by two IOPS staff members and two PhD student IOPS members (all four selected such that their research expertise matches the topic of the proposed research and they are not involved in the project). These four reviewers critically evaluate the entire proposal. Proposals accepted by NWO will only be reviewed by two PhD students and judged generally by the director. If necessary, the reviewers provide feedback on both the research proposal and the educational plan. Only in the case that the proposal is not accepted at once, the PhD student revises the proposal. On the basis of their comments and the possibly revised proposal, the reviewers formulate a recommendation to the IOPS board about whether the student should be admitted to IOPS based on the application as it has been submitted. After this, the board reviews the application at the upcoming board meeting. After discussing the proposal and the four reviews, the board members decide on whether the student should be admitted to the IOPS program. After the board has reached its decision, the secretary notifies the student and their main supervisor of the decision.

More information about the requirements and process can be found on the IOPS website:<http://www.iops.nl/students/becoming-an-iops-student/guidelines-for-applicants-appointed-as-phd-student/>

## **2.5 Affiliated student membership**

If a student does not meet the required criteria to be admitted to the IOPS postgraduate program, or if a student does not intend on becoming a member of the program, a student can ask to be registered as an affiliated student member of IOPS. As an affiliated student member, the option to follow IOPS courses and attend the biannual IOPS conferences will be given. However, affiliated student members do not receive the IOPS certificate after the completion of their PhD project. In addition, as opposed to the regular IOPS PhD students, they do not pay an annual participation fee but they pay for each course/conference separately.

## 3 Organization

### 3.1 History

The present interuniversity school for psychometrics and sociometrics (IOPS) goes back to a national platform for collaboration in research and education active since the seventies, formalized in the “Nederlandse Stichting voor Psychometrie” (Dutch Foundation for Psychometrics, an advisory body for ZWO, as NWO was then called). IOPS was officially founded as an institute for advanced dissertation training on June 24th, 1987. IOPS then obtained a starting grant from the Ministry of Education in 1987 for a period of five years. The Royal Dutch Academy of Arts and Sciences (KNAW, ECOS committee) officially reaccredited IOPS as an interuniversity graduate school in 1994, 1999, and 2004.

Until 2000, the University of Amsterdam was commissioner (“penvoerder”), and after that the University of Leiden took over the responsibility. Since February 2014 the University of Groningen has been commissioner of IOPS.

In 2010, when the KNAW accreditation period ended, the Board of IOPS considered the changes in the organization of PhD training in the Netherlands brought about by the policy change of the Association of Universities in the Netherlands with the effect that all universities started developing their own systems of local Graduate Schools.

Because psychometrics and sociometrics are relatively small and highly specialized areas of expertise, it was clear that national collaboration would remain of utmost importance for IOPS to stay on the front-edge of methodological research, and therefore the Board decided to continue IOPS activities as a national platform of research and PhD training, but now under a new, less formal construction. A new Agreement of Cooperation between the participating faculties was drafted, and formally established in 2011 for the duration of four years. An adjusted Agreement of Cooperation has been established in 2015.

### 3.2 Participating and cooperating institutes

The partners in the Agreement of Cooperation are the academic groups of seven universities (from the Netherlands and Belgium) and the two non-academic institutes are listed in the table below. The non-academic partners CBS and CITO have strong ties with several of the academic groups, and also bring in PhD projects.

In 1994, the establishment of graduate schools and the rearrangement of staff members, caused IOPS to introduce a new category of staff for those who - for formal reasons - could not be a regular IOPS staff member: the associated staff members, working at cooperating institutes. The requirements for associated staff members are identical to those of regular staff members. PhD students of these associated staff members can be admitted to IOPS as an external dissertation student. The cooperating institutes have no representative in the board. Article 8 in the Agreement provides the conditions under which associated research groups can become full participants.

In the table below, all participating and cooperating universities and institutes, with the number of student\* and staff members per academic group/institute are listed.

\* This number refers to PhD students who are in the process of completing their phd and are still under contract with their respective university. These members pay a yearly fee.

IOPS also holds a category of (alumni) members that have either completed their PhD, are continuing to work on their PhD after the usual four or five years, or have stopped their research but would like to remain part of IOPS. These members remain on the contact list but do not pay a membership fee anymore.

Participating institutes		
Name institute	# students	# staff
Leiden University Faculty of Social and Behavioural Sciences	3	16
University of Amsterdam Faculty of Social and Behavioural Sciences	9	29
University of Groningen Faculty of Behavioural and Social Sciences	11	13
University of Twente Faculty Behavioural, Management and Social Science (BMS)	1	6
Utrecht University Faculty of Social and Behavioural Sciences	13	22
Tilburg University Tilburg School of Social and Behavioural Sciences	21	22

KU Leuven, University of Leuven Belgium, Faculty of Psychology and Educational Sciences	11	9
Statistics Netherlands (CBS) Den Haag	0	3
Psychometric Research Center (Cito) Arnhem	0	5

Participating institutes		
Name institute	# students	# staff
University of Groningen, Faculty of Behavioural and Social Sciences (Sociology & department of Education)		4
VU University Amsterdam, Faculty of Psychology and Education		4
Maastricht University, Fac. of Health, Medicine and Life Sciences & Fac. of Psychology & Neuroscience		7
Erasmus University Rotterdam		4
Wageningen University		1

### 3.3 Board and office

The structure and organization of IOPS are formalized in articles 3-6 of the Agreement of Cooperation. The most important units are the IOPS board and the secretarial office. The governing Board of IOPS consists of seven members delegated by the participating universities and two representatives of the participating research institutes. Board meetings are also attended by two representatives of the IOPS PhD students, appointed by the IOPS PhD students for a period of two years. The board has the ultimate responsibility with regard to the research programme, educational programme, and finances.

The institute director is also chairman, he/she is elected from the representatives of the seven participating universities

The Board delegates daily matters to its Chair, who runs the Secretarial Office, and communicates its policies and decisions in a general meeting of scientific staff and

students twice a year.

### 3.3.1 Members IOPS Board

In 2021, the board was pleased to welcome dr. R (Remco) Feskens, as successor of dr A.A. (Anton) Béguin (CITO) . We thank Anton Béguin for his commitment to our graduate school. On 31 December 2021 the Board consisted of:

- Prof. R.R. (Rob) Meijer, Chair, University of Groningen
- Dr D. (Dylan) Molenaar, University of Amsterdam
- Prof. M.J. (Mark) de Rooij, Leiden University
- Dr G.J.A. (Jean-Paul) Fox, University of Twente
- Dr K. (Katrijn) van Deun, Tilburg University
- Prof. I. (Irene) Klugkist, Utrecht University
- Prof. F. (Francis) Tuerlinckx, KU Leuven-University of Leuven
- Dr. R (Remco) Feskens, CITO (National Institute for Educational Measurement)
- Prof. A.G. (Ton) de Waal, CBS (Statistics Netherlands)

### 3.3.2 PhD representatives

Anton Olsson Collentine (University of Tilburg) was appointed first representative, after being assistant representative in 2020. Qixiang Fang (University of Tilburg) was appointed assistant PhD student representative.

### 3.3.3 Office

The Chair of the Board runs the Secretarial Office, and is supported by an Executive Secretary. The RUG-based office is responsible for the preparation and execution of IOPS policies, activities, and Annual Reports. The Executive Secretary assists the Chair and the Board, and runs the IOPS website, the student administration and manages the digital archive. She also assists the local groups in the organization of conferences and courses. Since September 1st 2020 the Executive Secretary of IOPS is drs. Mirjam Bouwsema. Finances are handled by the Financial Department (FSSC) of the University of Groningen.

Secretary: drs. Mirjam Bouwsema  
E-Mail: [secretariaat.iops@rug.nl](mailto:secretariaat.iops@rug.nl)

Web: [www.iops.nl](http://www.iops.nl)  
Phone 06 31985024  
Address: University of Groningen Faculty of Social and Behavioral Sciences  
Grote Kruisstraat 2/1  
9712 TS Groningen, The Netherlands

### 3.4 Cooperation with Related Master programmes

All academic board members are in direct contact with the directors of the related Master programmes. Although there are six different locally organized Master programmes, there is close collaboration with the programme directors and a considerable degree of coordination between them. The reason is that the faculty members who are charged with teaching responsibilities in the IOPS PhD programme also occupy central roles in education and management of the local Master programmes. In several cases, there is even a personal union between IOPS scientific staff members and directors of Master programmes. Generally, collegial ties are flexible, but directors of Master programmes take binding decisions with respect to the Master phase, and the IOPS Board takes binding decisions with respect to the PhD education activities IOPS has to offer. In practice, cooperation is very smooth.

### 3.5 Board & plenary meetings

Due to the Covid-19 pandemic, in 2021 all four seasonal board meetings were held online. Plenary meetings for all IOPS members (staff and PhD students) were held twice a year during the online IOPS conferences.

### 3.6 Archive

The IOPS archives the following:

Registration of new PhD students and their transition

- registration form, including an educational plan
- reviews, possibly response to the reviews and the recommendation of the reviewers
- Certificates of IOPS courses or relevant courses outside of IOPS
- Titles of oral and poster presentations
- Amount of peer reviews and times of discussant role at conference

## Courses and presentations

- the grades, pass/fail for all the students in that year's course
- evaluations of the courses

(Note: IOPS gives instructions to the teachers how and when to do this and checks whether the grades and evaluations are received.) All data is archived in Groningen on the local workspace Y/staff/gmw/IOPS/... and Google Drive through RUG- UG account.



## 4 The IOPS post graduate programme

### 4.1 Educational programme

#### 4.1.1 IOPS curriculum

During the period as an IOPS PhD student, the student needs to participate in the IOPS curriculum. Every participating university organizes at least one course. These courses include two mandatory courses (“What is psychometrics” and “Statistical Consulting to Behavioral Scientists”) and multiple elective courses. All courses are free for IOPS students (it is included in the annual contribution fee). Courses are open for non-IOPS members, but IOPS-members have priority.

An overview of the IOPS curriculum can be found in the table below and on the IOPS website.

Month	Course	EC	Even years	Odd years
February	Statistical Learning (LU)	2	2022, 2024...	
April	Generalized latent variable modeling (TiU)	1	2022, 2024...	
June	IOPS Summer Conference		2022, 2024...	2023, 2025...
August	A Gentle Introduction to Bayesian Statistics (hybrid)	2	2022, 2024...	2023, 2025...
September	Survey Design (UU)	2	2022, 2024...	2023, 2025...
September	What is Psychometrics? (UvA)	2	2022, 2024...	2023, 2025...
October	Bayesian Item Response Modeling (UT)	2	2022, 2024...	
October	Statistical Consulting to Behavioral Scientists (UvA & LU)	3	2022, 2024...	
November	Mathematical Statistics (RUG)	1		2023, 2025...
November	Optimization & Numerical Methods (KU Leuven)	2	2022, 2024...	2023, 2025...

December	IOPS Winter Conference		2022, 2024...	2023, 2025...
----------	------------------------	--	---------------	---------------

Note. UA: University of Amsterdam; UM: University of Maastricht; UU: Utrecht University; UT: University of Twente; UL: University of Leuven; TU: Tilburg University; UG: University of Groningen; LU: Leiden University.

## 4.1.2 Courses in 2021

In 2021 six courses of the IOPS curriculum were organized:

- **What is Psychometrics? (mandatory)**  
University of Amsterdam, September 2021  
Coordinator: Prof. D. Borsboom
- **Mathematical Statistics**  
University of Groningen, October-November 2021  
Lecturer: Prof.Dr. C.J. Albers
- **Optimization & Numerical Methods in Statistics(elective)**  
KU Leuven-University of Leuven , October- November, 2021  
Lecturers: Prof G. Molenberghs, Prof F. Tuerlinckx, Dr K. van Deun & Dr T. Wilderjans
- **Survey Design**  
University of Utrecht, August 2021  
Lecturers: Dr. P. Lugtig
- **A gentle introduction to bayesian-statistics**  
University of Utrecht, August 2021  
Coordinator: Prof. Dr. Rens van de Schoot

## 4.1.3 Numbers of IOPS students per course in 2

### 2021

In the table below the numbers of IOPS students that participated in IOPS courses in the period 2013-2021

IOPS Course	2013	2014	2015	2016	2017	2018	2019	2020	2021
Generalized latent variable			20		20			18	

modeling (TiU)									
Statistical Learning (UL)					24	13		18	
What is psychometrics? (UvA)	10		24	20	14	17	18	13	9
Advising on research methods (UvA)	n.a.		14						
Statistical Consulting to Behavioral Scientists (UL, UvA)					8		13	12	
Applied Bayesian Statistics (UU)	n.a.	10	5	n.a.	n.a.	3	11		
Optimization & Numerical Methods in Statistics,(KU L)	13	6	22	18	16	2	10	7	5
Meta-Analysis (UM)		5		7		5			
Analysis of Measurement Instruments (UT)		6							
Survey Design (UU)	8			4	3	4	3		5
Bayesian Item Response Modeling				9		7			
Transparency in Science					3				
Mathematical Statistics								11	10
A gentle introduction to bayesian-statistics									5

#### 4.1.4 Examination

Courses differ in the requirements that need to be met to receive the course credit (EC): essay exams, multiple-choice exams, assignments, computer practical, and individual presentations are being used.

#### 4.1.5 Course evaluation

All individual courses are evaluated by evaluation forms that are administered to the participants at the end of every course. The results of these evaluations are discussed at

the board meeting. Two IOPS representative PhD students also attend these meetings.

#### **4.1.6 Research training programme**

The research-training program consists of reviewing research proposals of fellow students and the participation in IOPS conferences.

#### **4.1.7 Peer review**

With the exception of PhD projects funded via NWO, FWO and ERC, which are reviewed by two PhD students only, each new proposal submitted to the IOPS is reviewed by two IOPS PhD students and two IOPS staff members. This implies that every student has to review a proposal twice. Participating in the IOPS review process is intended to make the IOPS PhD student acquainted with the peer-review process.

#### **4.1.8 Conferences: aims and programme**

The conferences are intended for the IOPS PhD students to:

- practice in presenting his/her research (poster and oral presentation) in a conference setting
- practice in having public discussions after a conference presentation
- practice in acting as ‘discussant’ and start the academic discussion after an oral presentation
- get feedback on his/her research from experts in the field develop a social network
- get to know the field of psychometrics and sociometrics in a broader perspective.

The IOPS biannual conferences take place in June and December and are organized by the participating universities in turns. Each conference programme consists of the following elements:

- student poster presentations
- student oral presentations
- presentation by IOPS staff members
- presentation by an international expert outside IOPS (optional)
- conference dinner

Awards at the conferences:

- At each conference, a prize is awarded to the best student presentation and the best student poster. The Board has established these prizes to emphasize the importance of the presentations at the conferences.
- Once a year, at the summer conference, a prize is awarded for the best single research article by an IOPS PhD student that has been published or accepted for publication in the previous year. Papers in internationally peer-reviewed journals will be given more weight than chapters in books.

### 4.1.9 Conferences in 2021

- 31st Winter Conference, December 9-10 2021  
Venue: Groningen University, online
- 36th Summer Conference, July 8-9 2021, IOPS/SMiP  
Venue: Mannheim, online

## 4.2 IOPS certificate

A student is eligible for the IOPS certificate when the research project is completed and he/she has met the requirements of the IOPS post-graduate programme.

### **Educational requirements**

The PhD student should complete the two mandatory courses (“What is psychometrics” and “Statistical Consulting to Behavioral Scientists”), which are 5 EC in total. Exemption for the latter course can be granted in case an equivalent course has been completed earlier. The PhD student should complete elective IOPS courses up to at least 5 EC (exemption is not possible).

### **Research requirements**

All students are required to

- review two research proposals of fellow students
- attend at least four IOPS conferences
- present twice at an IOPS conference: a poster at the start of the project and an oral presentation at the end of the project
- have been discussant at an IOPS conference twice.

## 5 Students and their projects

### 5.1 Introduction

Applicants for the IOPS dissertation training must have a Master's degree in one of the following disciplines. Behavioural Sciences, Technical Sciences, Mathematics or Econometrics. They are appointed as PhD student, or as an indirectly financed PhD student. PhD students within IOPS are financed by internal research funds of the participating institutes, NWO (Netherlands Foundation of Scientific Research) or European funding, or other external funds of third parties.

### 5.2 Admissions, deregistrations and dissertations

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Student admissions	22	18	14	21	20	11	27	16	18	11
Premature deregistrations	0	0	2	2	1	2	3	2		1
Dissertations	17	7	12	11	17	11	18	8	14	10
Projects that exceeded the project time limit on 31 December	3	4	5	11	8	7	8	19		
Students on 31 December	53	61	60	62	65	61	67	67	68	59

#### 5.2.1 Dissertations in 2021

Name	Title	University	Date
------	-------	------------	------

Erik-Jan van Kesteren	Structural Equations with Latent Variables: Computational Solutions for Modern Data Problems	Utrecht University	29-01-2021
Lisa Wijsen	Characterizations of Psychometrics	University of Amsterdam	22-03-2021
Anne Elevelt	Smart(phone) Surveys	Utrecht University	16-04-2021
Niek de Schipper	Big Data in the Social Sciences: Statistical methods for multi-source high-dimensional data	Tilburg University	21-05-2021
Jules van Kruijswijk	On Hierarchical Structures in the Multi-Armed Bandit Problem	Tilburg University	19-02-2021
Johnny van Doorn	Bayesian Inference for Ordinal Data in Psychology	University of Amsterdam	17-06-2021
Joost Kruis	Item response mechanics	University of Amsterdam	18-11-2021
Frank Bais	Constructing Behaviour Profiles for Answer Behaviour Across Surveys	Utrecht University	31-03-2021
Beibei Yuan	The $\delta$ -machine: Classification based on dissimilarities towards prototypes	Leiden University	21-12-2021
Adela Isvoranu	From Syndromes to Symptoms: Network Models of Psychosis and Beyond	University of Amsterdam	03-12-2021

### 5.2.2 New projects in 2021

Name	Project	University
Anna Langener	Using multimodal data to understand the social environment and its effect on	University of Groningen

	wellbeing	
Sophie Berkhout	Intensive Longitudinal Methodology	Utrecht University
Chiara Carlier		KU Leuven
Leonie Cloos	Improving the measurement of mood and mood disorder	KU Leuven
Adam Finneman	Theory Construction in Complex Psychological Systems	University of Amsterdam
Sjoerd Hermes	Cluster-based methods for validly comparing structural equation models	Tilburg University
Kevin Kloos	Improving the Accuracy of Aggregate Statistics with Quantification Learning	Leiden University
Manuel Haqiqatkah	Methodology of Psychological Processes	Utrecht University
Mehran Moazeni	Developing and applying machine learning algorithms to improve prediction in patients with heart failure	Utrecht University
Jordan Revol		KU Leuven
Jill de Ron	A Formal Theory of Fear	University of Amsterdam

## 6 Staff

IOPS staff members belong to the participating (regular staff) and cooperating (associated staff) institutes. There are two categories of staff members: junior and senior staff members. Both require acknowledgment in their field according to, among others, international publications. Junior staff members have obtained their PhD less than five years ago, and do not necessarily have (co-)responsibility of dissertation research. Senior staff members do have (co-)responsibility of dissertation research.



## 6.1 Professorships

## 6.2 Staff changes

*Junior staff members admitted to IOPS in 2021*

- Maria Bolsinova
- Bennett Kleinberg
- Joran Jongerling
- Erik van Kesteren
- Rogier Kievit (associated staff)
- Tessa Blanken
- Julian David Karch
- Eiko Fried

*Emeritus status*

IOPS proudly keeps in touch with its emeritus members. The following staff member entered the emeritus status in 2021.

- Prof. dr. T.J.H.M. Eggen

### **In memoriam - Don Mellenbergh**

Don Mellenbergh passed away on 27 March. Don Mellenbergh was one of the founding fathers and directors of IOPS. He was Emeritus Professor of Psychological Methods at the University of Amsterdam. He was born August 9 1938, studied Psychology at the University of Amsterdam and obtained his PhD under supervision of A.D. de Groot. He worked at the University of Amsterdam and University of Utrecht and was full professor at the University of Amsterdam from 1982-2003. He was also a member of the Royal Netherlands Academy of Arts and Sciences (KNAW), and Editor of *Psychometrika*.

Don Mellenbergh published many papers on measurement in the behavioural sciences notably on test theory, utility, and validity. He developed the concept of item bias, coining the distinction between uniform and non-uniform bias, and laid a cornerstone for the now standard unified view of psychometric models with his famous publication on Generalized Linear

Item Response Theory. Perhaps even more important were his contributions to the social

fabric of methodology. Mellenbergh acted as promotor of dozens of psychometricians, including Wim van der Linden, Henk Kelderman, and Denny Borsboom, and took the initiative to unite Dutch methodologists in IOPS.

Don Mellenbergh was a warm and friendly colleague. He was hardly interested in status, and as a social mover (Don was the son of a taxi driver) he continued to support equal opportunities for different groups throughout his life. Don always insisted that IOPS exists for the Ph.D. students, not for the staff, and regularly made this clear in practice. For example, at an IOPS conference in Maastricht in the 1990s where there were two hotels available – a regular one and a high class one – Don did not hesitate and reserved all the rooms in the high class hotel for the Ph.D. students.

Don Mellenbergh was passionate about his work, and after his retirement could frequently be found at the department of Psychological Methods of the University of Amsterdam. He published his last book, Counteracting methodological errors, in 2019 – sixteen years after his retirement – and at the time of his death was working on a book that documented changes in academia over the past decades.

Don's striking voice can be heard in the following interview:  
<https://www.adng.nl/nl/interview/don-mellenbergh/>

We will remember Don as a very influential psychometrician that shaped our profession to the flourishing field it is today, a role model to many of today's psychometricians, and a warm, supportive colleague whose spirit filled many IOPS conferences with joy and enthusiasm.

Rob Meijer,  
Chair of the IOPS board

## 6.1 Staff members

### University of Amsterdam

#### *Department of Psychology - Methodology*

Name	Email	Website(s)
Prof. Denny Borsboom (senior)	d.borsboom@uva.nl	<a href="https://dennyborsboom.com/">https://dennyborsboom.com/</a>
Dr. Tessa Blanken (junior)	t.f.blanken@uva.nl	<a href="https://tfblanken.github.io/">https://tfblanken.github.io/</a>
Dr Sacha Epskamp (junior)	s.epskamp@uva.nl	<a href="http://www.sachaepskamp.com">www.sachaepskamp.com</a>
Dr Julia Haaf (junior)	j.haaf@gmx.net	<a href="http://julia.ntzwrk.net/">http://julia.ntzwrk.net/</a>
Dr Abe Hofman (junior)	a.d.hofman@uva.nl	
Dr Raoul Grasman (senior)	r.p.p.grasman@uva.nl	
Dr Maarten Marsman (junior)	m.marsman@uva.nl	<a href="http://www.maartenmarsman.com">www.maartenmarsman.com</a>
Dr Dylan Molenaar (junior)	d.molenaar@uva.nl	<a href="http://www.dylanmolenaar.nl">www.dylanmolenaar.nl</a>
Prof. Han Van der Maas (senior)	h.l.j.vandermaas@uva.nl	
Prof. Eric-Jan Wagenmakers (senior)	e.m.wagenmakers@uva.nl	<a href="http://www.ejwagenmakers.com/papers.html">http://www.ejwagenmakers.com/papers.html</a>
Dr Lourens Waldorp (senior)	l.j.waldorp@uva.nl	<a href="http://waldorp.nl/lourens/">http://waldorp.nl/lourens/</a>

#### *Department of Psychology - Developmental Psychology*

Name	Email	Website(s)
Prof. Hilde Huizenga (senior)	h.m.huizenga@uva.nl	<a href="http://www.uva.nl">Prof. dr. H.M. (Hilde) Huizenga - Universiteit van Amsterdam (uva.nl)</a>
Dr Brenda Jansen (senior)	b.r.j.jansen@uva.nl	<a href="http://www.uva.nl">Dr. B.R.J. (Brenda) Jansen - University of Amsterdam (uva.nl)</a>
Extra-ordinary Prof. Maartje Raijmakers (senior)	m.e.j.raijmakers@uva.nl	<a href="http://www.uva.nl">Prof. dr. M.E.J. (Maartje) Raijmakers - Universiteit van Amsterdam (uva.nl)</a>

Dr Ingmar Visser (senior)	i.visser@uva.nl	<a href="https://www.uva.nl/en/profile/i/o/i.visser">Dr. I. (Ingmar) Visser - University of Amsterdam (uva.nl)</a>
---------------------------	-----------------	--

### ***Department of Child Development and Education - Methods and Statistics***

Name	Email	Website(s)
Dr Kees-Jan Kan (senior)	k.j.kan@uva.nl	<a href="https://www.uva.nl/profiel/k/a/k.j.kan/k.j.kan.html">https://www.uva.nl/profiel/k/a/k.j.kan/k.j.kan.html</a>
Dr Suzanne Jak (senior)	s.jak@uva.nl	<a href="https://www.uva.nl/profiel/j/a/s.jak/s.jak.html">https://www.uva.nl/profiel/j/a/s.jak/s.jak.html</a>
Dr Terrence Jorgensen (senior)	T.D.Jorgensen@uva.nl	<a href="https://www.uva.nl/en/profile/j/o/t.d.jorgensen/t.d.jorgensen.html">https://www.uva.nl/en/profile/j/o/t.d.jorgensen/t.d.jorgensen.html</a>
Prof. Frans Oort (senior)	f.j.oort@uva.nl	<a href="https://www.uva.nl/profiel/o/o/f.j.oort/f.j.oort.html">https://www.uva.nl/profiel/o/o/f.j.oort/f.j.oort.html</a>
Dr Niels Smits (senior)	n.smits@uva.nl	<a href="https://www.uva.nl/en/profile/s/m/n.smits/n.smits.html">https://www.uva.nl/en/profile/s/m/n.smits/n.smits.html</a>
Prof. Andries Van der Ark (senior)	L.A.vanderArk@uva.nl	<a href="https://www.uva.nl/profiel/a/r/l.a.vanderark/l.a.vanderark.html">https://www.uva.nl/profiel/a/r/l.a.vanderark/l.a.vanderark.html</a>
Dr Bonne Zijlstra (senior)	b.j.h.zijlstra@uva.nl	<a href="https://www.uva.nl/en/profile/z/i/b.j.h.zijlstra/b.j.h.zijlstra.html">https://www.uva.nl/en/profile/z/i/b.j.h.zijlstra/b.j.h.zijlstra.html</a>

## **University of Groningen**

### ***Heijmans Institute, Department of Psychology***

Name	Email	Website(s)
Prof. Casper Albers (senior)	c.j.albers@rug.nl	<a href="https://www.casperalbers.nl">https://www.casperalbers.nl</a>
Dr Laura Bringmann (junior)	l.f.bringmann@rug.nl	<a href="https://www.rug.nl/staff/l.f.bringmann/">https://www.rug.nl/staff/l.f.bringmann/</a>
Prof. Henk Kiers (senior)	h.a.l.kiers@rug.nl	<a href="https://www.rug.nl/staff/h.a.l.kiers/">https://www.rug.nl/staff/h.a.l.kiers/</a>
Prof. Rob Meijer (senior)	r.r.meijer@rug.nl	<a href="https://www.rug.nl/staff/r.r.meijer/">https://www.rug.nl/staff/r.r.meijer/</a>
Dr Susan Niessen (junior)	a.s.m.niessen@rug.nl	<a href="https://www.rug.nl/staff/a.s.m.niessen/">https://www.rug.nl/staff/a.s.m.niessen/</a>
Prof. Marieke Timmerman (senior)	m.e.timmerman@rug.nl	<a href="https://www.rug.nl/staff/m.e.timmerman/">https://www.rug.nl/staff/m.e.timmerman/</a>

Prof. Don Van Ravenzwaaij (senior)	d.van.ravenzwaaij@rug.nl	<a href="https://www.rug.nl/staff/d.van.ravenzwaaij/">https://www.rug.nl/staff/d.van.ravenzwaaij/</a>
------------------------------------	--------------------------	---

### *Department of Sociology*

Name	Email	Website(s)
Dr Mark Huisman (senior)	j.m.e.huisman@rug.nl	<a href="https://www.rug.nl/staff/j.m.e.huisman/">https://www.rug.nl/staff/j.m.e.huisman/</a>
Prof Marijtje Van Duijn (senior)	m.a.j.van.duijn@rug.nl	<a href="https://www.rug.nl/staff/m.a.j.van.duijn/">https://www.rug.nl/staff/m.a.j.van.duijn/</a>

### *Department of Education*

Name	Email	Website(s)
Dr. R. (Rink) Hoekstra	r.hoekstra@rug.nl	<a href="https://www.rug.nl/staff/r.hoekstra/">https://www.rug.nl/staff/r.hoekstra/</a>
Dr M.J. (Matthijs) Warrens	m.j.warrens@rug.nl	<a href="https://www.rug.nl/staff/m.j.warrens/">https://www.rug.nl/staff/m.j.warrens/</a>

## **Leiden University**

### *Institute of Psychology, Methodology and Statistics Unit*

Name	Email	Website(s)
Dr. Z. Bakk (junior)	z.bakk@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/zsuzsa-bakk">https://www.universiteitleiden.nl/en/staffmembers/zsuzsa-bakk</a>
Prof. Mark De Rooij (senior)	rooijm@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/mark-de-rooij">https://www.universiteitleiden.nl/en/staffmembers/mark-de-rooij</a>
Dr. Elise Dusseldorp (senior)	elise.dusseldorp@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/elise-dusseldorp">https://www.universiteitleiden.nl/en/staffmembers/elise-dusseldorp</a>
Dr. Marjolein Fokkema (junior)	m.fokkema@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/marjolein-fokkema">https://www.universiteitleiden.nl/en/staffmembers/marjolein-fokkema</a>
Dr. Julian Karch (junior)	j.d.karch@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/julian-karch#tab-1">https://www.universiteitleiden.nl/en/staffmembers/julian-karch#tab-1</a>
Prof. Henk Kelderman (senior)	h.kelderman@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/henk-kelderman">https://www.universiteitleiden.nl/en/staffmembers/henk-kelderman</a>
Dr Joost Van Ginkel (junior)	vginkel@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/joost-van-ginkel">https://www.universiteitleiden.nl/en/staffmembers/joost-van-ginkel</a>
Dr Mathilde Verdam (junior)	m.g.e.verdam@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en">https://www.universiteitleiden.nl/en</a>

	nl	/staffmembers/mathilde-verdam
Dr Wouter Weeda (junior)	w.d.weeda@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/wouter-weeda">https://www.universiteitleiden.nl/en/staffmembers/wouter-weeda</a>
Dr. Tom Wilderjans (senior)	t.f.wilderjans@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/tom-wilderjans">https://www.universiteitleiden.nl/en/staffmembers/tom-wilderjans</a>

### *Institute of Psychology, Clinical Psychology*

Name	Email	Website(s)
Dr. Eiko Fried	e.i.fried@fsw.leidenuniv.nl	<a href="https://eiko-fried.com/">https://eiko-fried.com/</a>

### *Institute of Education and Child Studies*

Name	Email	Website(s)
Dr Marian Hickendorff	hickendorff@fsw.leidenuniv.nl	

### *Mathematical Institute, Faculty of Science*

Name	Email	Website(s)
Prof. J.J. (Jacqueline) Meulman (junior)	jmeulman@math.leidenuniv.nl	
Prof. Mark De Rooij (senior)	rooijm@fsw.leidenuniv.nl	<a href="https://www.universiteitleiden.nl/en/staffmembers/mark-de-rooij">https://www.universiteitleiden.nl/en/staffmembers/mark-de-rooij</a>

## **University of Leuven**

### *Faculty of Psychology and Educational Sciences*

Name	Email	Website(s)
Dr. J. Adolf (junior)	janne.adolf@kuleuven.be	<a href="#">Janne Adolf</a>
Dr N. (Nadja) Bodner (junior)	nadja.bodner@kuleuven.be	<a href="#">Nadja Bodner</a>
Prof. Eva Ceulemans (senior)	eva.ceulemans@ppw.kuleuven.be	<a href="#">Eva Ceulemans</a>
Prof. Francis Tuerlinckx (senior)	francis.tuerlinckx@ppw.kuleuven.be	<a href="#">Francis Tuerlinckx</a>

Dr. G. Lafit (junior)	ginette.lafit@kuleuven.be	<a href="#">Ginette Lafit</a>
Prof. Iven Van Mechelen (senior)	iven.vanmechelen@ppw.kuleuven.be	<a href="#">Iven Van Mechelen</a>
Prof. Wolf Vanpaemel (senior)	wolf.vanpaemel@ppw.kuleuven.be	<a href="#">Wolf Vanpaemel</a>
Dr. T. D. Tran (junior)	trungdung.tran@kuleuven.be	<a href="#">Trung Dung Tran</a>

## Utrecht University

### *Methodology & Statistics Department*

Name	Email	Website(s)
Dr Emmeke Aarts (junior)	e.aarts@uu.nl	<a href="https://www.uu.nl/medewerkers/EAarts">https://www.uu.nl/medewerkers/EAarts</a>
Dr Maarten Cruyff (senior)	m.cruyff@uu.nl	<a href="https://www.uu.nl/medewerkers/mcruyff">https://www.uu.nl/medewerkers/mcruyff</a>
Dr Ellen Hamaker (senior)	e.l.hamaker@uu.nl	<a href="https://www.uu.nl/medewerkers/ELHamaker">https://www.uu.nl/medewerkers/ELHamaker</a>
Dr David Hessen (senior)	d.j.hessen@uu.nl	<a href="https://www.uu.nl/medewerkers/DJHessen">https://www.uu.nl/medewerkers/DJHessen</a>
Prof. Herbert Hoijtink (senior)	h.hoijtink@uu.nl	<a href="https://www.uu.nl/medewerkers/hhoijtink">https://www.uu.nl/medewerkers/hhoijtink</a>
Dr. Erik-Jan van Kesteren	e.vankesteren1@uu.nl	<a href="https://www.uu.nl/medewerkers/EvanKesteren">https://www.uu.nl/medewerkers/EvanKesteren</a>
Prof. Irene Klugkist (senior)	i.klugkist@uu.nl	<a href="https://www.uu.nl/medewerkers/iklugkist">https://www.uu.nl/medewerkers/iklugkist</a>
Dr Rebecca Kuiper (senior)	r.m.kuiper@uu.nl	<a href="https://www.uu.nl/medewerkers/RMKuiper">https://www.uu.nl/medewerkers/RMKuiper</a>
Dr Peter Lugtig (senior)	p.lugtig@uu.nl	<a href="https://www.uu.nl/medewerkers/plugtig">https://www.uu.nl/medewerkers/plugtig</a>
Dr Mirjam Moerbeek (senior)	m.moerbeek@uu.nl	<a href="https://www.uu.nl/medewerkers/MMoerbeek">https://www.uu.nl/medewerkers/MMoerbeek</a>
Dr Daniel Oberski (senior)	d.l.oberski@uu.nl	<a href="https://www.uu.nl/medewerkers/DLOberski">https://www.uu.nl/medewerkers/DLOberski</a>
Dr. (Noémi) Schuurman	n.k.schuurman@uu.nl	<a href="https://www.uu.nl/medewerkers">https://www.uu.nl/medewerkers</a>

(junior)		/NKSchuurman
Dr Bella Struminskaya (junior)	b.struminskaya@uu.nl	<a href="https://www.uu.nl/medewerkers/BStruminskaya">https://www.uu.nl/medewerkers/BStruminskaya</a>
Dr Vera Toepoel (senior)	v.toepoel@uu.nl	<a href="https://www.uu.nl/medewerkers/VToepoel">https://www.uu.nl/medewerkers/VToepoel</a>
Prof. Stef Van Buuren (senior)	s.vanbuuren@uu.nl	<a href="https://www.uu.nl/medewerkers/SvanBuuren">https://www.uu.nl/medewerkers/SvanBuuren</a>
Prof. Peter Van der Heijden (senior)	p.g.m.vanderheijden@uu.nl	<a href="https://www.uu.nl/medewerkers/PGMvanderHeijden">https://www.uu.nl/medewerkers/PGMvanderHeijden</a>
Dr Rens Van de Schoot (senior)	a.g.j.vandeschoot@uu.nl	<a href="https://www.uu.nl/medewerkers/AGJvandeSchoot">https://www.uu.nl/medewerkers/AGJvandeSchoot</a>
Dr Gerko Vink (senior)	g.vink@uu.nl	<a href="https://www.uu.nl/medewerkers/GVink">https://www.uu.nl/medewerkers/GVink</a>
Dr. M. A.J. Zondervan-Zwijenburg	marielle@zondervan.org	<a href="https://marielle.zondervan.org/">https://marielle.zondervan.org/</a>

## Tilburg University

### *Department of Methodology and Statistics*

Name	Email	Website(s)
Dr. Marjan Bakker (junior)	m.bakker_1@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/m-bakker-1">https://www.tilburguniversity.edu/staff/m-bakker-1</a>
Dr. M.A. Bolsinova	m.a.bolsinova@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/m-a-bolsinova?x=0&amp;lan=nl">https://www.tilburguniversity.edu/staff/m-a-bolsinova?x=0&amp;lan=nl</a>
Dr. Bennet Kleinberg	Bennett.Kleinberg@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/bennett-kleinberg">https://www.tilburguniversity.edu/staff/bennett-kleinberg</a>
Dr Kim De Roover (junior)	k.deroover@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/k-deroover">https://www.tilburguniversity.edu/staff/k-deroover</a>
Dr. John Gelissen (senior)	j.p.t.m.gelissen@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/j-p-t-m-gelissen">https://www.tilburguniversity.edu/staff/j-p-t-m-gelissen</a>
Dr. Joran Jongerling	J.Jongerling@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/j-jongerling">https://www.tilburguniversity.edu/staff/j-jongerling</a>
Dr. Maurits Kaptein (junior)	m.c.kaptein@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/m-c-kaptein">https://www.tilburguniversity.edu/staff/m-c-kaptein</a>



Dr. Kyle Lang (junior)	k.m.Lang@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/k-m-lang">https://www.tilburguniversity.edu/staff/k-m-lang</a>
Dr. Guy Moors (senior)	guy.moors@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/guy-moors">https://www.tilburguniversity.edu/staff/guy-moors</a>
Dr. Joris Mulder (junior)	j.mulder3@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/j-mulder3">https://www.tilburguniversity.edu/staff/j-mulder3</a>
Dr. Michèle Nuijten (junior)	m.b.nuijten@uvt.nl	<a href="https://www.tilburguniversity.edu/staff/m-b-nuijten">https://www.tilburguniversity.edu/staff/m-b-nuijten</a>
Prof. Klaas Sijtsma (senior)	k.sijtsma@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/k-sijtsma">https://www.tilburguniversity.edu/staff/k-sijtsma</a>
Dr. Inga Schwabe (junior)	i.schwabe@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/i-schwabe">https://www.tilburguniversity.edu/staff/i-schwabe</a>
Dr. Jesper Tijmstra (junior)	j.tijmstra@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/j-tijmstra">https://www.tilburguniversity.edu/staff/j-tijmstra</a>
Dr. Robbie Van Aert (junior)	R.C.M.vanAert@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/r-c-m-vanaert">https://www.tilburguniversity.edu/staff/r-c-m-vanaert</a>
Prof. Marcel Van Assen (senior)	m.a.l.m.vanassen@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/nl/medewerkers/m-a-l-m-vanassen">https://www.tilburguniversity.edu/nl/medewerkers/m-a-l-m-vanassen</a>
Dr. Katrijn Van Deun (senior)	k.vandeun@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/k-vandeun">https://www.tilburguniversity.edu/staff/k-vandeun</a>
Prof. Jeroen Vermunt (senior)	j.k.vermunt@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/j-k-vermunt">https://www.tilburguniversity.edu/staff/j-k-vermunt</a>
Prof. Jelte Wicherts (senior)	j.m.wicherts@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/j-m-wicherts">https://www.tilburguniversity.edu/staff/j-m-wicherts</a>
Prof. A.G. (Ton) De Waal	a.g.dewaal@tilburguniversity.edu	<a href="https://www.tilburguniversity.edu/staff/a-g-dewaal">https://www.tilburguniversity.edu/staff/a-g-dewaal</a>

## University of Twente

### *Department of Cognition, Data and Education (Code)*

Name	Email	Website(s)
Dr. ir. Jean-Paul Fox (senior)	g.j.a.fox@utwente.nl	<a href="https://personen.utwente.nl/g.j.a.fox">https://personen.utwente.nl/g.j.a.fox</a>
Dr Stéphanie Van den Berg (senior)	stephanie.vandenberg@utwente.nl	<a href="https://personen.utwente.nl/steph">https://personen.utwente.nl/steph</a>

		<a href="mailto:anie.vandenberg">anie.vandenberg</a>
Prof. dr. in. Bernard Veldkamp (senior)	<a href="mailto:b.p.veldkamp@utwente.nl">b.p.veldkamp@utwente.nl</a>	<a href="https://personen.utwente.nl/b.p.veldkamp">https://personen.utwente.nl/b.p.veldkamp</a>

## Statistics Netherlands (CBS)

Name	Email	Website(s)
Prof. Ton de Waal (senior)	<a href="mailto:t.dewaal@cbs.nl">t.dewaal@cbs.nl</a>	<a href="https://www.tilburguniversity.edu/nl/medewerkers/a-g-dewaal">https://www.tilburguniversity.edu/nl/medewerkers/a-g-dewaal</a>
Prof. Barry Schouten (senior)	<a href="mailto:jg.schouten@cbs.nl">jg.schouten@cbs.nl</a>	<a href="https://www.uu.nl/medewerkers/JGSchouten">https://www.uu.nl/medewerkers/JGSchouten</a>

## Psychometric Research Center (Cito), Arnhem

Name	Email	Website(s)
Dr Remco Feskens (senior)	<a href="mailto:remco.feskens@cito.nl">remco.feskens@cito.nl</a>	<a href="https://www.cito.nl/kennis-en-innovatie/psychometrisch-onderzoek-en-dienstverlening/team/remco-feskens">https://www.cito.nl/kennis-en-innovatie/psychometrisch-onderzoek-en-dienstverlening/team/remco-feskens</a>
Dr Marieke van Onna (senior)	<a href="mailto:marieke.vanonna@cito.nl">marieke.vanonna@cito.nl</a>	<a href="https://www.cito.nl/kennis-en-innovatie/psychometrisch-onderzoek-en-dienstverlening/team/marieke-van-onna">https://www.cito.nl/kennis-en-innovatie/psychometrisch-onderzoek-en-dienstverlening/team/marieke-van-onna</a>
Dr Bas Hemker (senior)	<a href="mailto:bas.hemker@cito.nl">bas.hemker@cito.nl</a>	<a href="https://www.cito.nl/kennis-en-innovatie/psychometrisch-onderzoek-en-dienstverlening/team/bas-hemker">https://www.cito.nl/kennis-en-innovatie/psychometrisch-onderzoek-en-dienstverlening/team/bas-hemker</a>
Dr Iris Smits (junior)	<a href="mailto:iris.smits@cito.nl">iris.smits@cito.nl</a>	<a href="https://www.cito.nl/kennis-en-innovatie/psychometrisch-onderzoek-en-dienstverlening/team/iris-smits">https://www.cito.nl/kennis-en-innovatie/psychometrisch-onderzoek-en-dienstverlening/team/iris-smits</a>

## 6.2 Associated Staff members

Name	Email	University	Website(s)
Prof. Conor Dolan (senior)	c.v.dolan@vu.nl	Faculty of Psychology and Education, Dept. Biological, VU University Amsterdam	<a href="https://research.vu.nl/en/persons/cv-dolan">https://research.vu.nl/en/persons/cv-dolan</a>
Dr Sophie Van der Sluis (junior)	sophie.van.der.sluis@cnr.vu.nl	VU University Amsterdam	<a href="https://research.vumc.nl/en/persons/sophia-van-der-sluis">https://research.vumc.nl/en/persons/sophia-van-der-sluis</a>
Dr Yfke Ongena (junior)	y.p.ongena@rug.nl	Centre for Information and Communication Research, Faculty of Arts, University of Groningen	<a href="https://www.rug.nl/staff/y.p.ongena/">https://www.rug.nl/staff/y.p.ongena/</a>
Dr Muirne Paap (junior)	m.c.s.paap@rug.nl	Youth care, Faculty of Behavioural and Social Sciences, University of Groningen	<a href="https://www.rug.nl/staff/m.c.s.paap/research">https://www.rug.nl/staff/m.c.s.paap/research</a>
Dr Wendy Post (senior)	w.j.post@rug.nl	Special Needs Education and Youth Care, Faculty of Behavioural and Social Sciences, University of Groningen	<a href="https://www.rug.nl/staff/m.c.s.paap/research">https://www.rug.nl/staff/m.c.s.paap/research</a>
Dr Matthijs Warrens (junior)	m.j.warrens@rug.nl	Dept. of Education, University of Groningen	<a href="https://www.rug.nl/staff/m.j.warrens/">https://www.rug.nl/staff/m.j.warrens/</a>
Prof. Gerard Van Breukelen (senior)	gerard.vbreukelen@maastrichtuniversity.nl	Methodology and Statistics, Maastricht University	<a href="https://www.maastrichtuniversity.nl/gerard.vbreukelen/research">https://www.maastrichtuniversity.nl/gerard.vbreukelen/research</a>
Dr Math Candel (senior)	math.candel@maastrichtuniversity.nl	Methodology and Statistic Maastricht University	<a href="https://www.maastrichtuniversity.nl/math.candel/research">https://www.maastrichtuniversity.nl/math.candel/research</a>
Dr Shahab Jolani (senior)	s.jolani@maastrichtuniversity.nl	Methodology and Statistics, Maastricht University	<a href="https://www.maastrichtuniversity.nl/s.jolani/research">https://www.maastrichtuniversity.nl/s.jolani/research</a>
Dr Jan Schepers (junior)	jan.schepers@maastrichtuniversity.nl	Methodology and Statistics, Maastricht University	<a href="https://www.maastrichtuniversity.nl/jan.schepers/research">https://www.maastrichtuniversity.nl/jan.schepers/research</a>

Dr Frans Tan (senior),:	frans.tan@maastrichtuniversity.nl	Methodology and Statistics, Maastricht University	<a href="https://stat.mumc.maastrichtuniversity.nl/profile/frans.tan%40maastrichtuniversity.nl">https://stat.mumc.maastrichtuniversity.nl/profile/frans.tan%40maastrichtuniversity.nl</a>
Dr Wolfgang Viechtbauer (senior)	wolfgang.viechtbauer@maastrichtuniversity.nl	Psychiatry & Neuropsychology, Maastricht University	<a href="https://www.wvbauer.com">https://www.wvbauer.com</a>
Prof. Lidia Arends (senior)	arends@fsw.eur.nl	Psychology Institute, Erasmus University Rotterdam	<a href="https://www.eur.nl/people/lidia-arends">https://www.eur.nl/people/lidia-arends</a>
Prof. Patrick Groenen (senior)	groenen@ese.eur.nl	Erasmus School of Economics, Erasmus University Rotterdam	<a href="https://personal.eur.nl/groenen/">https://personal.eur.nl/groenen/</a>
Dr Marike Polak (junior)	polak@fsw.eur.nl	Psychology Institute, Erasmus University Rotterdam	<a href="https://www.eur.nl/people/marike-polak">https://www.eur.nl/people/marike-polak</a>
Dr. Rogier Kievit	rogier.kievit@radboudumc.nl	Donders Institute for Brain, Cognition and Behaviour Radboud University	<a href="https://www.rogierkievit.com/">https://www.rogierkievit.com/</a>
Dr Hilde Tobi (senior)	hilde.tobi@wur.nl	Biometris, Wageningen University	<a href="https://www.wur.nl/nl/personen/hilde-dr.-h-hilde-tobi.htm">https://www.wur.nl/nl/personen/hilde-dr.-h-hilde-tobi.htm</a>

### 6.3 Honorary emeritus members

- ❖ Prof. Martijn Berger, [martijn.berger@maastrichtuniversity.nl](mailto:martijn.berger@maastrichtuniversity.nl)
- ❖ Prof. Jelke Bethlehem, [jelkeb@xs4all.nl](mailto:jelkeb@xs4all.nl)
- ❖ Dr A. (Anne) Boomsma, [a.boomsma@rug.nl](mailto:a.boomsma@rug.nl)
- ❖ Prof. Paul De Boeck, [deboeck.2@osu.edu](mailto:deboeck.2@osu.edu)
- ❖ Prof. Wil Dijkstra, [w.dijkstra@fsw.vu.nl](mailto:w.dijkstra@fsw.vu.nl)
- ❖ Prof. dr. T.J.H.M. Eggen
- ❖ Prof. Paul Eilers, [p.eilers@erasmusmc.nl](mailto:p.eilers@erasmusmc.nl)
- ❖ Prof. Cees Glas, [c.a.w.glas@utwente.nl](mailto:c.a.w.glas@utwente.nl)
- ❖ Prof. Jacques Hagenars, [jacques.a.hagenars@tilburguniversity.edu](mailto:jacques.a.hagenars@tilburguniversity.edu)
- ❖ Prof. Willem Heiser, [heiser@fsw.leidenuniv.nl](mailto:heiser@fsw.leidenuniv.nl)
- ❖ Prof. Joop Hox, [j.hox@uu.nl](mailto:j.hox@uu.nl)
- ❖ Prof.dr. H. Kelderman, [h.kelderman@fsw.leidenuniv.nl](mailto:h.kelderman@fsw.leidenuniv.nl)
- ❖ Prof. Pieter Kroonenberg, [kroonenb@fsw.leidenuniv.nl](mailto:kroonenb@fsw.leidenuniv.nl)

- ❖ Prof. Gideon Mellenbergh, [g.j.mellenbergh@uva.nl](mailto:g.j.mellenbergh@uva.nl)
- ❖ Prof. Robert Mokken, [mokken@science.uva.nl](mailto:mokken@science.uva.nl)
- ❖ Prof. Ab Mooijaart, [mooijaart@fsw.leidenuniv.nl](mailto:mooijaart@fsw.leidenuniv.nl)
- ❖ Prof. Willem Saris, [w.saris@telefonica.net](mailto:w.saris@telefonica.net)
- ❖ Prof. Tom Snijders, [t.a.b.snijders@rug.nl](mailto:t.a.b.snijders@rug.nl)
- ❖ Prof. Jos Ten Berge, [j.m.f.ten.berge@rug.nl](mailto:j.m.f.ten.berge@rug.nl)
- ❖ Prof. Wim Van der Linden, [wim\\_vanderlinden@ctb.com](mailto:wim_vanderlinden@ctb.com)
- ❖ Prof. Hans Van der Zouwen, [j.van.der.zouwen@fsw.vu.nl](mailto:j.van.der.zouwen@fsw.vu.nl)
- ❖ Dr Norman Verhelst, [norman.verhelst@gmail.com](mailto:norman.verhelst@gmail.com)

## 7 Scientific awards and grants

### 7.1 Awards and grants honored to IOPS staff members

#### 7.1.1 Scientific awards

#### 7.1.2 NWO Grants

<b>NWO Veni, Vidi, Vici grants</b>				
These are part of the NWO Innovational Research Incentives Scheme (Vernieuwingsimpuls)				
Name	Grant	Project	Period	Budget
Ravenzwaaij, D. van University of Groningen	Back to Bayesics: Solving the Reproducibility Crisis in Biomedicine	Vidi	Nov. 2018 – nov. 2023	€ 800.000
Oberski, D.L., Utrecht University	Advancing social science with valid measures derived from incidental data	Vidi	Dec. 2019 - Dec 2024	€800.000
Schoot, A.G.J. van de, Utrecht University	Experts, their prior knowledge, and the issue of limited data	Vidi	Jan. 2016 - Jan. 2021	€800.000,-
Lissa, C.J. van, Utrecht University	Predicting emotional development in adolescence	Veni	Jan. 2020 - Jan. 2024	€250.000
De Roover, K., Tilburg University	Cluster-based methods for validly comparing structural equation models	Vidi	Sept. 2021-Sept. 2026	€800.000,-
Mulder, J., Tilburg University	Statistical Modeling of Dynamic Social Network Using Relational Event Histories	Vidi	2018-2022	€800.000
Nuijten, M., Tilburg University	The Four-Step Robustness Check: Assessing and Improving Robustness of Psychological Science	Veni	Jan. 2021 - Jan. 2024	€250.000
Van Deun, K., Tilburg University	Big Data in Social Sciences Statistical Methods for	Vidi	Sept. 2017-Sept. 2022	€800.000

	multi-source high-dimensional data			
Marsman, M. University of Amsterdam	The Psychometrics of Learning	Veni	2018-2022	250.000
Haaf, J. University of Amsterdam	Same or Different? Modeling Individual Differences in Cognitive Tasks	Veni	17-10-2021 - 16-6-2025	€ 245.072
Jak, S. University of Amsterdam	One size fits all? New ways for meta-analysis	Veni	2017-2022	€250.000
Jorgensen, T. University of Amsterdam	Evolving models for dyadic network data to represent and test complex theories	Veni	2019-2022	€250.000
Jak, S. University of Amsterdam	No data left behind. Meta-analytic SEM	Vidi	2022-2027	€800.000

<b>NWO Research Talent grants</b>				
NWO Research Talent is a responsive mode funding scheme, which offers talented and ambitious young researchers a platform to pursue a scientific career and carry out high-quality PhD research				
Name	Project	PhD student	Period	Budget
Timmerman, M.E & Albers, C.J. University of Groningen	Dynamic clustering: Classifying people through ecological momentary assessment	Anja Ernst	2017-2021	€224.201
Kaptein, M.C., Mulder, J., Tilburg University	Making the most of clinical trails: Increasing efficiency using novel Bayesian methods for information sharing within and between trails	PhD Student Xynthia Kavelaars	2018-2022	
Vermunt, J.K., De Roover, K. Tilburg University	Understanding between- and within-person differences in experience sampling measurements	PhD student Leonie Vogelsmeier	2017-2021	€224.000

	using mixture factor analysis			
Vermunt, J.K., Van Deun, K., Tilburg University	Identifying Group Differences in Large-Scale Multi-block Data	PhD student Shuai Yuan	2017-2021	€224.201
Wagenmakers, Eric-Jan, Visser, I, Raijmakers, M.E.J.	Inferring cognitive strategies from eye-movement sequences: A Bayesian model-based	S. Kucharsky, PhD student	2019-2024	€225.850

**NWO Aspasia grants**  
**With the Aspasia grants, NWO stimulates the promotion of female researchers in higher ranking**

Name	Project	Period	Budget

**NWO - other grants**

Name	Project	Period	Budget
Hojtink, H., Utrecht University	PI in NWO Gravity Grant: Individual development: Why some children thrive and others don't	2012-2022	€540.000
Hamaker, E.L., Utrecht University	Graviation CID: How to study causes and their effects in developmental processes.	2019-2024	€236.000
Maartje Raijmakers, UvA	Anticiperen op diversiteit in interesse voor het presenteren van duivelse dilemma's	2021	€50.000
Kleinberg, B. Mozes, M (university college London)	NWO funding for Open Science	2021	€50.000
Wicherts, J. Klein, R., Hartgerink, C.	NWO Open Science Fund	2021	€50.000



Cucchiarini, Veldkamp, Strik, Feskens, Keuning, Swart	NWO Open Competition 2020 SGW	2021	€750.000
---	-------------------------------	------	----------

### 7.1.3 International grants

Name	Project	Period	Budget
Hamaker, E.L., Utrecht University	ERC Consolidator	2020-2025	€2.000.000
Marsman, M. University of Amsterdam	ERC Starting Grant - Bayesian P-Nets: A New Bayesian Foundation for Psychometric Network Modelling	2022-2027	1.500.000
Mulder, J., Tilburg University	ERC Starting Grant	2018-2023	€1.500.000
Wicherts, J.M., Tilburg University	European Research Council (ERC)	2017-2022	€2.000.000
Jansen, B.R.J., Stevenson, C., Maas, H. L.J. van der, UvA	COVID-19 Education Challenge, Jacob's foundation	2021-2022	€ 94.052

### 7.1.4 Other grants

Name	Project	Period	Budget
Sukpan, C., Utrecht University	Inequality-constrained model selection (for dynamical models)	2019-2022	€220.000
Heijden, P.G.M. van der, Utrecht University	Applied Data Science	2017-2021	€200.000
Heijden, P.G.M. van der, Utrecht University	Applied Data Science	2018-2022	€1.400.000
Cai, M., Utrecht University	PhD project	2018-2022	€220.000
Qi, Q., Utrecht University	PhD-project	2019-2023	€220.000

Tang, D., Utrecht University	PhD-project	2020-2024	€220.000
Sayed, K., Utrecht University	PhD-project	2020-2024	€220.000
Wu, S., Utrecht University	PhD-project	2017-2021	€220.000
Moazeni, M. + Aarts, E., Utrecht University	Health Holland	2020-2024	€250.000
Schoot, A.G.J. van de, Utrecht University	ZonMw-NWA	2020-2025	€35.333
Oberski, D.O. & Lugtig P.J., Utrecht University	ODISSEI	2020-2024	€808.000
Sijtsma, K., Vera Lizcano, J.C., Van Deun, K., Tilburg University	Data science grant (Tilburg University) PhD	2018-2022	
Bolsinova, M., Tilburg University	Spencer Foundation and the National Academy of Education (USA)	Jan. 2020 - July 2021	USD 35.000
Schwabe, I., Ghering, K., Butterbrod, E. Verhaak, Sitskoorn, M. Tilburg University, Verhaak, E., (ETZ), Rutten, G.J. (ETZ),	HSRI seed funding beurs (10.000 Euro)	???	€10.000
Van Deun, K., Kleinberg, B. , De Vries, E.	HSRI funding for a PhD Project	Jan 2021-Jan 2024	
Klein, R., Tilburg University	SIPS Commendation		
Ceulemans E., Adolf J. (FWO)	Het bepalen van de vereiste steekproefgrootte voor intensieve longitudinale onderzoeksopzetten.	01/10/2021 - 31/12/2024	€449.135,78
Tuerlinckx F., Kuppens P., Vandaele T., Germeys I.	“m-Path: Een op experience sampling gebaseerde tool voor blended care.”	01/10/2020 - 30/09/2023	€414.969
Ceulemans E.	EOS: Biobehavioral triadic dynamics of stress resilience in families	01/01/2022 - 31/12/2025	€606.149
Kuppens P.	H2020: e-Coach-applicatie voor de preventie van obesitas bij kinderen	01/01/2021 - 31/12/2021	€18.489
Kuppens P., Ceulemans	iBOF-21-090 - RECONNECT: Emotionele	01/01/2021 -	€1.6m

E., Gomes de Mesquita B.	verbinding over levensdomeinen heen	31/12/2021	
Mestdagh M. (FWO)	Postdoc	01/10/2020 - 30/09/2023	
Dejonckheere E. (FWO)	Postdoc	01/10/2020 - 30/09/2023	
Everaert J. (FWO)	Postdoc	01/10/2021 - 30/09/2024	
Kuppens P., Lazarus G. MSCA (ERC)	Personalized Prediction and Intervention for Behavioral Avoidance and Maladaptive Affective States	01/10/2020 - 30/09/2023	
Tuerlinckx, F. (co-promotor) (2019)	Higher Education Learning Platform for Quantitative Thinking (Erasmus +)	1/09/2019 – 31/08/2022	€30.186,64
Tuerlinckx, F., Van Mechelen, I., Kuppens, P., Ceulemans, E., & Vanpaemel, W.	Ontsporing van het affectieve systeem: Meting, vroegtijdige detectie en onderliggende mechanismen excellentielabel	1/10/2019 – 30/09/2023	€142.240
Tuerlinckx, F., Van Mechelen, I., Kuppens, P., Ceulemans, E., & Vanpaemel, W.	Ontsporing van het affectieve systeem: Meting, vroegtijdige detectie en onderliggende mechanismen	1/10/2019 – 30/09/2023	€1.422.400
Van Mechelen I., Tuerlinckx F., Kuppens P., Ceulemans E., Vanpaemel W.	Ontsporing van het affectieve systeem: Meting, vroegtijdige detectie en onderliggende Mechanismen	1/10/2019- 30/09/2023	€1.422.400
Schouten, B., CBS	Eurostat project @HBS2 voor onderzoek naar push-to-app strategies en semi-automated processing of receipts in de household budget survey.	1/3/2021-30-6-2022	
Haaf, J., Bazin, P-L., Hoogeveen, S. University of Amsterdam	Amsterdam Brain and Cognition Talent grant (postdoc)	2021-2022	€124.987
N.J.B. Mangin, C.J. Albers, M.E. Timmerman	SURF Stimuleringsregeling Open en Online Onderwijs: EPIFFANI	2021-2023	€29.250,-

## 7.2 Awards and grants honored to IOPS phd students

### 7.2.1 Scientific awards

Name	Award	Date
Wouter van Loon	PhD publication Award	

### 7.2.2 Grants

## 8. Finances

### 8.1 Financial statement 2021

#### Receipts

The participating institutes of Leiden University, University of Amsterdam, VU University of Amsterdam, University of Groningen, University of Twente, Tilburg University, Utrecht University, Statistics Netherlands (CBS), and Cito Arnhem contributed financially according to the number of their PhD students that participated in IOPS on 1 July 2021. The participation fee for 2021 was € 700 per PhD student. KU University of Leuven pays an annual flat fee of €3.000 for participation in IOPS. Associated institutes with PhD students in the IOPS Graduate School, participated on the same terms.

Apart from the above mentioned annual contributions, no other funds are available for the IOPS Interuniversity Graduate School.

This resulted in a credit balance for the year 2021 of € 6.596,74

### 8.2 Summary of receipts and expenditures in 2021

Receipts		Expenditures		
		Salaries IOPS office		
		Secretary, 0,4 fte	26.726,47	
Contribution participating institutions	41.300,00	Salary director 0,1fte	18.768,94	
		Other personel costs		
		Subtotal		45.495,41
		Printed matter	0,42	
		Laptopregeling	570,00	
		Representation costs	1.000,86	
		Webhosting	230,05	
		Best Paper Award	600,00	
Subtotal Receipts	41.300,00	Subtotal		2.401,33
Negative financial outcome	6.596,74			

2021				
Total receipts	47.896,74	Total expenditures		47.896,74

### 8.3 Balance sheet 2021

IOPS Own Funds 2020
---------------------

Debet	Euro	Credit	Euro
Own Funds 31-12-2021	48.697,76	Own Funds 01-01-2021	55.294,50
		Results 2021	-6.596,74
Total Debet	48.697,76	Total Credit	48.697,76

## 9 Appendix 1: Contact details of IOPS institutes

### 9.1.1 Participating Institutes

University	Department	Address - contact	E-mail
Leiden University Faculty of Social and Behavioural Sciences			
	Methodology and Statistics Unit Institute of Psychology	P.O. Box 9555, 2300 RB Leiden Secretary: Ingrid Penning	secre.psy.ms@fsw.leidenuniv.nl
	Education and Child Studies Institute of Education	P.O. Box 9555, 2300 RB Leiden Secretary: Esther Peelen	peelene@fsw.leidenuniv.nl
	Statistical Science for the Life and Behavioral Sciences Mathematical Institute	P.O. Box 9512, 2300 RA Leiden Michelle Krens	
University of Amsterdam Faculty of Social and Behavioural Sciences			
	Psychological Methods Department of Psychology	Nieuwe Achtergracht 129-B   Postbus 15906, 1001 NK Amsterdam Secretary: Lilian Heijmans	mlsecretariaat-fmg@uva.nl
	Developmental Psychology Department of Psychology	Postbus 15916, 1001 NK Amsterdam Secretary: Helma Kruijk	opsecretariaat-fmg@uva.nl
	Work and Organizational Psychology Department of Psychology	Nieuwe Achtergracht 129 B, Amsterdam Postbus 15919 Secretary: Jeannette van den Akker	aosecretariaat-fmg@uva.nl
	Methods and Statistics Department of Child Development and Education	Nieuwe Achtergracht 127, Amsterdam Postbus 15906 Secretary: Margreet Bijlmer	secretariaat-pow-fmg@uva.nl
University of Groningen Faculty of Behavioural and Social Sciences			
	Psychometrics and Statistics Department of Psychology	Grote Kruisstraat 2/1, 9712 TS Groningen	j.m.baan@rug.nl

		Secretary: Hanny Baan	
	Theoretical Sociology Department of Sociology	Grote Kruisstraat 2/1, 9712 TS Groningen Secretary: Josse van Geffen	j.van.geffen@rug.nl
	Department of education	Secretary: Stephanie Muller	stephanie.muller@rug.nl
University of Twente Faculty Behavioural, Management and Social Science (BMS)			
	Department of Research Methodology, Measurement and Data Analysis (OMD)	P.O. Box 217, 7500 AE Enschede Secretary: Ellen Hofstede & Jasmine van der Weerd	e.f.b.hofstede@utwente.nl j.n.vanderweerd@utwente.nl
Tilburg University Tilburg School of Social and Behavioral Sciences			
	Methodology and Statistics	P.O. Box 90153, 5000 LE Tilburg Secretary: Anne-Marie van der Heijden	a.m.j.heijden@uvt.nl
Utrecht University Faculty of Social and Behavioural Sciences			
	Methodology and Statistics	Padualaan 14, 3584 CH Utrecht P.O. Box 80.140, 3508 TC Utrecht Secretary: Chantal Molnár-van Velde	c.molnar@uu.nl
KU Leuven, University of Leuven, Belgium Faculty of Psychology and Educational Sciences			
	Research Group of Quantitative Psychology and Individual Differences	Tiensestraat 102 box 3713, B-3000 Leuven, Belgium Secretary: Nathalie Humblet	nathalie.humblet@kuleuven.b e
Statistics Netherlands (CBS), Den Haag			
		P.O. Box 24500, 2490 AH Den Haag Ton de Waal	t.dewaal@cbs.nl



Psychometric Research Center (Cito), Arnhem		
	P.O. Box 1034, 6801 MG Arnhem Secretary: Eline Veerman	Eline.Veerman@cito.nl

## 9.1.2 Cooperating institutes

<b>University of Groningen</b> Faculty of Behavioural and Social Sciences	
Department of Education	Grote Rozenstraat 38, 9712 TJ Groningen
<b>VU University Amsterdam</b> Faculty of Psychology and Education	
Department of Clinical Psychology	Van der Boechorststraat 1, 1081 BT Amsterdam
Department of Biological Psychology	Van der Boechorststraat 1, 1081 BT Amsterdam
<b>Maastricht University</b> Faculty of Health, Medicine and Life Sciences & Faculty of Psychology & Neuroscience	
Department of Methodology and Statistics	P.O. Box 616, 6200 MD Maastricht
<b>Erasmus University Rotterdam</b>	
Department of Econometrics	P.O. Box 1738, 3000 DR Rotterdam
Department of Psychology, Education & Child Studies	P.O. Box 1738, 3000 DR Rotterdam
<b>Wageningen University</b>	
Biometrics	P.O. Box 8130, 6700 EW, Wageningen