



MONITORING WIDENING PARTICIPATION AT THE FACULTY OF FINE AND PERFORMING ARTS

An updated proposal.

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Background

The Faculty of Fine and Performing Arts want to recruit students with a more varied background than is currently the case. Two elements of their background are in focus here: the students' ethnic background, and whether they come from a family with a history of academic studies. The Faculty of Fine and Performing Arts have asked Analysis & Evaluation for help with monitoring the success of their efforts in this area.

General Idea

The basic idea is to use the student registration system, Ladok, and the student application system, NyA, to identify the students that apply to and are registered at the Faculty of Fine and Performing Arts, together with information about their age, sex, programme of study, course, department, subject, etc. Information about these students will then be sent to Statistics Sweden (SCB), who will add information about each student from their systems. (They will also remove the personal identification number, *personnummer*.)

Analysis & Evaluation will receive the files from SCB, process them, produce aggregated statistics, and finally hand these aggregated statistics over to the Faculty of Fine and Performing Arts. The faculty and its departments are responsible for analysing the statistics and for taking any action, as they see fit.

Data

Some selection of students is made (see below), and information about their sex, age, subject, course, programme and department is taken from Ladok/NyA. In relevant cases, information about whether the students have passed their courses or not is included as well (see below).

The following information is added by SCB:

Born in Sweden

This variable has four values:

- Born in Sweden with two parents who are born in Sweden
- Born in Sweden with one parent born in Sweden and one parent born abroad
- Born in Sweden with two parents born abroad
- Born abroad

Parents' Education

There are many types of education, and SCB classifies these into seven groups (the names indicate the highest level of education that the parents have attained):

1. *Förgymnasial utbildning kortare än 9 år* (Less than 9 years in primary and secondary school)
2. *Förgymnasial utbildning 9 år (motsvarande)* (9 years in primary and secondary school)
3. *Gymnasial utbildning högst 2-årig* (4-5 years in secondary school)
4. *Gymnasial utbildning 3 år* (12 years in primary and secondary school)
5. *Eftergymnasial utbildning kortare än 3 år* (Post-secondary education less than 3 years)
6. *Eftergymnasial utbildning 3 år eller längre* (Postsecondary education 3 years or more)
7. *Forskarutbildning* (PhD-level education)

Package 1 – The 2011 and 2014 situation

Purpose

The purpose of this package is to see the recruitment width for the Faculty of Fine and Performing Arts, using the data set that has already been prepared for the university.

Data

The existing dataset includes information about all beginners registered at the University of Gothenburg in 2011 or 2014. Analysis & Evaluation will produce charts and tables for the university, for the Faculty of Fine and Performing Arts, for each of the three departments of that faculty and for the following fourteen subjects¹: *Design, Film, Fri konst, Författande, Konsthantverk, Konstvetenskap, Medieproduktion, Musik, Musikdramatiska scenframställning och gestaltning, Regi, Scen och medier, Utbildningsvetenskap praktisk-estetiska ämnen, Utbildningsvetenskap/didaktik allmänt* and *Översättning och tolkning*.

¹ When a subject is given by more than one department, separate numbers will be calculated. This means that for example *utbildningsvetenskap praktisk-estetiska ämnen* at HDK will be kept separate from *utbildningsvetenskap praktisk-estetiska ämnen* at HSM.

Tabular data

- Number of students
- Country of Origin:
 - Number of students for whom information about background is available
 - Number of students born in Sweden, with at least one parent born in Sweden
 - Number of men for whom information about background is available
 - Number of men born in Sweden, with at least one parent born in Sweden
 - Number of women for whom information about background is available
 - Number of women born in Sweden, with at least one parent born in Sweden
- Parent's income
 - Number of students for whom information about parents' income is available
 - Number of students with low and middle income parents
- Parents' Education
 - Number of students for whom information about parents' education is available
 - Number of students with parents with *gymnasium* as highest level of education
 - Number of men for whom information about parents' education is available
 - Number of men with parents with *gymnasium* as highest level of education
 - Number of women for whom information about parents' education is available
 - Number of women with parents with *gymnasium* as highest level of education

Graphs

Graphs depicting parents' level of education and country of origin; for the university, the Faculty of Fine and Performing Arts, for each of its three departments and for the fourteen subjects listed above (see appendix.)

- 2 charts for 'born in Sweden' (one for university, faculty and departments and one for the fourteen subjects)
- 2 charts for 'parents' level of education' (one for university, faculty and departments and one for the fourteen subjects)

Costs

Action	Performed by	Estimated cost
Producing tables and charts	Analysis & Evaluation	12,000 SEK
Presenting the statistics to the faculty and the departments. 4 presentations.	Analysis & Evaluation	6,000 SEK
	<i>Total:</i>	<i>18,000 SEK</i>

Package 2 – Registration and Success Rate

Purpose

The purpose of this package is to continuously monitor the participation width of the students at the faculty. It includes background information about all beginners at the faculty, for each semester (see Table 1).

Data

For a given semester, all students who are beginners¹ at the University of Gothenburg and registered at the Faculty of Fine and Performing Arts will be included in the data set. Information about these students will be extracted from Ladok by Analysis & Evaluation and supplemented by SCB as described above. Analysis & Evaluation will produce the aggregated statistics (as described in package 1) and present them to the Faculty of Fine and Performing Arts. (The data for each individual remain at Analysis & Evaluation.)

Timeline

It is likely that it will take several years for the recruitment pattern of the faculty to change, and so data should be obtained for each semester from now onwards. Since the administration necessary to obtain the data is significant, the data will be produced once every two years, but each time it will cover the previous four semesters. This way a fine-grained time series will be produced, at a comparably low cost. Table 1 shows the detailed timeline.

It is also of interest to see how students of different backgrounds fare at the university: Do they pass their courses or not? However, it takes a few semesters before that information is available, and in order not to stall the monitoring of recruitment, ‘double querying’ is used. This means that each group of students (beginners in a certain semester) are sent to SCB twice: the first time when they have been identified as beginners and

¹ This means that the semester in question is the first semester when the student is registered at this university.

information about their results is not available, and the second time two years later, when information about their results **is** available. The number of students included in each batch to SCB does not seem to make much difference to the price, so this ‘double querying’ does not increase the cost, at least not in any substantial way.

The responsibility for initiating the procurement of data every two years lies with the Faculty of Fine and Performing Arts. Analysis & Evaluation ensures that the statistics are computed in the same way each time.

Analysis & Evaluation has already bought data for 2014, which means that the Faculty of Fine and Performing Arts need to initiate an update at the beginning of 2017, covering the four semesters of 2015 and 2016 as well as “double querying” for the two semesters of 2014.

Table 1: Timeline for obtaining data.

Time	Action
(Now	Aggregated statistics for 2014 are produced by Analysis & Evaluation and given to the Faculty. See package 1.)
Spring 2017	Aggregated statistics for the four semesters of 2015 and 2016 are produced. This does not include information about whether the students passed their courses or not. Aggregated statistics for the two semesters of 2014 are also produced, and this <i>does</i> include information about whether the students passed their courses or not.
Spring 2019	Aggregated statistics for the four semesters of 2017 and 2018 are produced. This does not include information about whether the students passed their courses or not. Aggregated statistics for the four semesters of 2015 and 2016 are also produced, and this <i>does</i> include information about whether the students passed their courses or not.
Spring 2021	Aggregated statistics for the four semesters of 2019 and 2020 are produced. This does not include information about whether the students passed their courses or not. Aggregated statistics for the four semesters of 2017 and 2018 are also produced, and this <i>does</i> include information about whether the students passed their courses or not.
Etc.	

Cost

The estimations made here are based on the costs for the work done in 2015. Analyses & Evaluation cannot guarantee that the costs will stay the same in the future. Furthermore, Analysis & Evaluation has to charge by the hour, and the costs listed in Table 2 are based on *estimates* of how many hours will be needed, which means they are not fixed.

Table 2: The estimated biennial costs associated with this proposal.

Action	Performed by	Estimated
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		cost
Extracting lists of students from Ladok and sending them to SCB.	Analysis & Evaluation	12,000 SEK
Supplementing the lists with the specified information	SCB	55,000 SEK
Receiving the lists from SCB, processing them, and producing statistics.	Analysis & Evaluation	47,000 SEK
Presenting the statistics to the faculty and the departments. 4 presentations.	Analysis & Evaluation	6,000 SEK
<i>Total:</i>		<i>120,000 SEK</i>

Package 3 – Applications vs. Registrations

Purpose

The purpose of this package is to get a snapshot view of the difference between the people that apply to the faculty and the ones that are accepted (registered).

Data

For a given semester, all individuals who apply to the Faculty of Fine and Performing Arts and who have not been registered at the University of Gothenburg before are included in the population. Information about these individuals will be extracted from NyA and Ladok by Analysis & Evaluation and supplemented by SCB as described above. This information will include whether the individuals also register at the university, or if they only apply.

Since this definition includes individuals who are never registered as students at the University of Gothenburg, the legal space for the university to obtain information about their background is smaller. SCB cannot send lists back to us with information per individual, but can only send back aggregated statistics. Because of this we have to decide what statistics we want to see in advance. Table 3 describes this.

Table 3: Aggregated information returned from SCB.

	Applicants	First-hand applicants	Accepted applicants	Registered applicants
Total no. of individuals				
No. of individuals for whom information about background is				

available				
No. of individuals born in Sweden with at least one parent born in Sweden				
No. of individuals for whom information about parents' education is available				
No. of individuals with at least one parent with post-secondary education				

The information in Table 3 is given for the faculty and for each department (four tables). It is not given for each programme.

Cost

The estimations made here are based on the costs for the work done in 2015. A more detailed estimate can be obtained from SCB before the order is placed. Furthermore, Analysis & Evaluation has to charge by the hour, and the costs listed in Table 4 are based on *estimates* of how many hours will be needed, which means they are not fixed.

Table 4: The estimated costs associated with this proposal.

Action	Performed by	Estimated cost
Extracting lists of students from Ladok and NyA and sending them to SCB.	Analysis & Evaluation	24,000 SEK
Supplementing the lists with the specified information and calculating aggregated statistics	SCB	35,000 SEK
Preparing data for presentation	Analysis & Evaluation	6,000 SEK
Presenting the statistics to the faculty and the departments. 4 presentations.	Analysis & Evaluation	6,000 SEK
	<i>Total:</i>	<i>71,000 SEK</i>

Total Cost and Time Frame

The total cost of the three packages is 89,000 SEK for 2016, and 120,000 SEK for 2017 and every second year after that. The amounts are estimates, and Analysis & Evaluation will bill the Faculty of Fine and Performing Arts for the time actually spent. Analysis & Evaluation are responsible for monitoring the time spent and alerting the Faculty of Fine

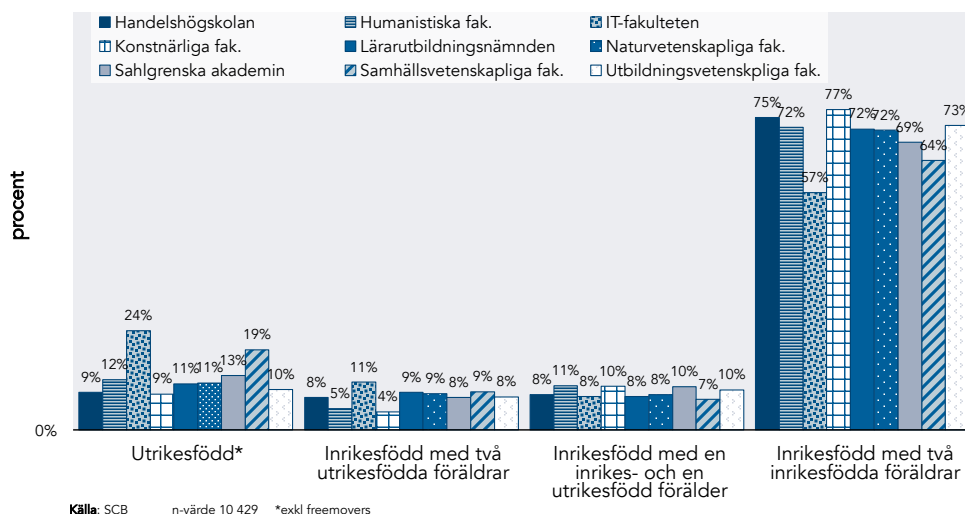
and Performing Arts without delay if it seems that the costs are going to deviate considerably from the estimates given here.

Package 1 can be delivered by 1 September 2016, and package 3 by 1 December 2016, with reservations for delays at SCB. The first version of package 2 can be delivered by 15 April 2017.

Appendix 1

Examples of the graph types that are produced in package 1.

Studerande vid Göteborgs universitet med utbildningsstart 2014;
Bakgrund, fördelat på fakultet



Studerande vid Göteborgs universitet med utbildningsstart 2014;
Föräldrarnas utbildningsnivå, fördelat på fakultet

