

Appendix 1, Questions

Questions to students, (translated from Swedish).

- What subject/program are you studying? (Business, History, Informatics, IT in working life,
1 Pedagogy, Nurses program)
- 2 At what level is the course you are taking? (A, B, C)
- 3 Gender?
- 4 Age?
- 5 How many credit shave you taken?
- I am very experienced in searching the Internet. (Strongly agree, agree, neither...nor, disagree,
6 strongly disagree, don't know)
- 7 I am very experienced in searching the library reference databases. (Strongly agree....)
- 8 Have you received education in information database searching where a librarian was teaching?
- 9 What sort of education? (Lessons, private supervision, helpdesk, other)
- 10 If you answered yes on question 8, was the education of any use when you started searching?
Are you (during the course you are now taking) searching because you have to or are you
11 searching voluntarily?
Question 12-22, 24-32, 34-36 and 38-43 had closed alternatives: Strongly agree, agree, neither...nor, disagree, strongly disagree, don't know. Question 23,33, 37 and 44 were open-ended.
- 12 I will have better grades if I use articles from the library databases. P1
- 13 The paper I'm writing will be of higher quality if use references from the library's databases. P2
- 14 The skill of searching is useful. P3
- 15 The difference between what you find via Google and via the library's databases is not great. P4
- 16 There are seldom relevant articles. P5
- 17 It is more important to spend time on writing than on searching for articles. P6
- 18 There are no articles within the realm of my topic. P7
- 19 I already know what is in the articles. P8
- 20 It is important that articles I use are reviewed. P9
- 21 Teachers exaggerate the importance of scientific articles. P10
- 22 Teachers are not explaining the benefits of using the databases well enough. P11
- 23 Can you tell any other significant benefit of using the library's databases? P12
- 24 It is easy to learn how to search. E1
- 25 It is easy to find relevant articles. E2
- 26 I can decide if a reference is of good quality. E3
- 27 It takes too long time to search for articles. E4
- 28 English articles are difficult. E5
- 29 One reference is enough. E6
- 30 Scientific articles are too hard to understand. E7
- 31 It is hard to find the right articles. E8
- 32 Scientific information is not that important in my subject. E9
- 33 Can you tell any other significant problems about searching gin the library's databases? E10
- I will be appreciated by my class mates if I make efforts to find references in the library's
34 databases. S1
- I will be appreciated by my teachers if I make efforts to find references in the library's databases.
35 S2
- I will be appreciated by my future employers if I make efforts to find references in the library's
36 databases. S3
- Can you tell any other "social" reason to be able to know or not to know how to search in the
37 library's databases? S4
- The university's ICT-recourses are enough to make it possible for me to search the library's
38 databases? F1
- 39 I am good in searching the library's databases. F2

- 40 It is easy to receive help from the library staff when searching the library's databases. F3
It is easy to receive help from teachers and supervisors when searching the library's databases.
- 41 F4
- 42 The help systems in the database systems are good. F5
- 43 It is easy for me to find the databases when I want to search them. F6
- 44 Can you tell any other technical or organisational condition for using the library's databases? F7

Questions to teachers, (translated from Swedish).

Qno	Question
1	What subject/program are you teaching or supervising at? (Business, History, Informatics, IT in working life, Pedagogy, Nurses program)
2	What is your role? (Course manager, Teacher, Supervisor, Other)
3	I am very experienced in searching the Internet. (Strongly agree, agree, neither...nor, disagree, strongly disagree, don't know)
4	I am very experienced in searching the library reference databases. (Strongly agree....)
12	Students believe they will have better grades if they use articles from the library databases. P1
13	Students believe that the paper they are writing will be of higher quality if they use references from the library's databases. P2
14	Students believe that the skill of searching is useful. P3
15	Students believe that the difference between what they find via Google and via the library's databases is not great. P4
16	Students believe that there are seldom relevant articles. P5
17	Students think that it is more important to spend time on writing than on searching for articles. P6
18	Students believe that there are no articles within the realm of my topic. P7
19	Students think that they already know what is in the articles. P8
20	Students think that it is important that articles they use are reviewed. P9
21	Students think that teachers exaggerate the importance of scientific articles. P10
22	Students think that teachers are not explaining the benefits of using the databases well enough. P11
23	Can you tell any other significant benefit of using the library's databases that students think they have? P12
24	Students think that it is easy to learn how to search. E1
25	Students think that it is easy to find relevant articles. E2
26	Students can decide if a reference is of good quality. E3
27	Students think that it takes too long time to search for articles. E4
28	Students think that English articles are difficult. E5
29	Students think that one reference is enough. E6
30	Students think that scientific articles are too hard to understand. E7
31	Students think that it is hard to find the right articles. E8
32	Students think that "Scientific information is not that important in my subject". E9
33	Can you tell any other problem related to search in the library's data base that you think students experience? E10
34	Students believe that they will be appreciated by their class mates if they make efforts to find references in the library's databases. S1
35	Students believe that they will be appreciated by their teachers if they make efforts to find references in the library's databases. S2
36	Students believe that they will be appreciated by their future employers if they make efforts to find references in the library's databases. S3

37	Can you tell any other "social" reason that affects students' wish to be able to know or not to know how to search in the library's databases? S4
38	The university's ICT-recourses are enough to make it possible for students to search the library's databases? F1
39	Students are skilled in searching the library's databases. F2
40	It is easy for students to receive help from the library staff when searching the library's databases. F3
41	It is easy for students to receive help from teachers and supervisors when searching the library's databases. F4
42	The help systems in the database systems are good. F5
43	It is easy for students to find the databases when they want to search them. F6
44	Can you tell any other technical or organisational condition that affects students' use of the library's databases? F7

Appendix 2, Difference between students' experiences and teachers' apprehensions.

Qno	No2	Type	Students	Teachers	Diff	Adjust diff	Students inverted	Teachers inverted
12	P1	pro	4 [3}	3,5	0,5	0,5	4 [3}	3,5
13	P2	pro	4	4	0	0	4	4
14	P3	pro	4	3	1	1	4	3
15	P4	con	2	4	-2	2	4	2
16	P5	con	2	3	-1	1	4	3
17	P6	con	3	4	-1	1	3	2
18	P7	con	2	4	-2	2	4	2
19	P8	con	2	2	0	0	4	4
20	P9	pro	4	4	0	0	4	4
21	P10	con	3	3	0	0	3	3
22	P11	con	3	2	1	-1	3	4
23								
24	E1	pro	4	3	1	1	4	3
25	E2	pro	3	2	1	1	3	2
26	E3	pro	3	2	1	1	3	2
27	E4	con	4	4,5	-0,5	0,5	2	2
28	E5	con	4	5	-1	1	2	1
29	E6	con	2	3,5	-1,5	1,5	4	3
30	E7	con	3	4	-1	1	3	2
31	E8	con	4	4,5	-0,5	0,5	2	2
32	E9	con	2	3	-1	1	4	3
33								
34	S1	pro	3	2,5	0,5	0,5	3	3
35	S2	pro	4	4	0	0	4	4
36	S3	pro	3	3	0	0	3	3
37								
38	F1	pro	4	4	0	0	4	4
39	F2	pro	3	2	1	1	3	2
40	F3	pro	4	4	0	0	4	4
41	F4	pro	3	3,5	-0,5	-0,5	3	3
42	F5	pro	3	4	-1	-1	3	4
43	F6	pro	4	4	0	0	4	4
44								

Appendix 3, Key factors

Q	Gender		Age				Exp. Internet				Exp. databases				Level			Credits				Volunt							
	Fem	Male	Diff	Adj	19-24	24-55	Diff	Adj	5-4	2-1	Diff	Adj	5-4	2-1	Diff	Adj	A	B	C	Diff	Adj	0-117	>117	Diff	Adj	Yes	No	Diff	Adj
P1	3,5	4	-1	-1	3	4	-1	-1	3,5	3	0,5	0,5	4	3	1	1	4	4	3	1	1	4	3	1	1	3,5	4	-1	-1
P2	4	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4	4	4	0	0	4	4	0	0	4	4	0	0
P3	4	4	0	0	4	4	0	0	4	4	0	0	5	4	1	1	4	4,5	4	0	0	4	4	0	0	5	4	1	1
P4	2	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2	2	2	0	0	2	2	0	0	2	2	0	0
P5	2	2	0	0	2	2	0	0	2	2	0	0	2	2,5	-1	0,5	2	2	2	0	0	2	2	0	0	2	2	0	0
P6	3	3	0	0	3	3	0	0	3	3	0	0	3	3	0	0	3	2,5	3	0	0	3	3	0	0	3	3	0	0
P7	2	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2	2	2	0	0	2	2	0	0	2	2	0	0
P8	2	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2	2	2	0	0	2	2	0	0	2	2	0	0
P9	4	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4	4	4	0	0	4	4	0	0	4	4	0	0
P10	3	2	1	-1	3	2	1	-1	2	3	-1	1	2	3	-1	1	3	2	2	1	-1	3	2	1	-1	2	3	-1	1
P11	3	3	0	0	3	3	0	0	3	2,5	0,5	-1	3	3	0	0	3	3	3	0	0	3	3	0	0	3	3	0	0
E1	4	4	0	0	4	4	0	0	4	2	2	2	4	3	1	1	4	4	4	0	0	4	4	0	0	4	4	0	0
E2	2	3,5	-2	-2	2	3	-1	-1	3	2	1	1	3	2	1	1	2	3	3	-1	-1	2,5	3	-1	-1	3	2	1	1
E3	3	3,5	-1	-1	3	3	0	0	3	3	0	0	3	3	0	0	3	3	3	0	0	3	3	0	0	4	3	1	1
E4	4	3,5	0,5	-1	4	3,5	0,5	-1	3	4	-1	1	3	4	-1	1	4	3,5	3	1	-1	4	4	0	0	3	4	-1	1
E5	4	3	1	-1	4	4	0	0	3	4	-1	1	3	4	-1	1	4	4	3	1	-1	4	4	0	0	3	4	-1	1
E6	2	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2	2	2	0	0	2	2	0	0	2	2	0	0
E7	3	3	0	0	3	3	0	0	3	3	0	0	2,5	3	-1	0,5	3	3	3	0	0	3	3	0	0	3	3	0	0
E8	4	3	1	-1	4	4	0	0	4	4	0	0	3,5	4	-1	0,5	4	3,5	4	0	0	4	4	0	0	4	4	0	0
E9	1	2	-1	1	2	1,5	0,5	-1	2	1	1	-1	2	1	1	-1	1	2	2	-1	1	1	2	-1	1	2	1	1	-1
S1	3	3	0	0	3	3	0	0	3	3	0	0	2	3	-1	-1	3	3	3	0	0	3	3	0	0	3	3	0	0
S2	4	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4	4	4	0	0	4	4	0	0	4	4	0	0
S3	3	3	0	0	3	3	0	0	3	2	1	1	3	3	0	0	3	3	3	0	0	3	3	0	0	3	3	0	0
F1	4	3,5	0,5	0,5	4	3	1	1	4	4	0	0	4	3	1	1	4	3	3,5	0,5	0,5	4	4	0	0	4	3	1	1
F2	3	4	-1	-1	3	3	0	0	3	2	1	1	3	3	0	0	3	3	3	0	0	3	3	0	0	3	3	0	0
F3	4	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4	4	4	0	0	4	4	0	0	4	4	0	0
F4	3	3	0	0	3	2	1	1	3	2	1	1	3	2	1	1	3	3	2	1	1	3	2,5	0,5	0,5	3	3	0	0
F5	3	3	0	0	3	3	0	0	3	3	0	0	3	3	0	0	3	3	3	0	0	3	3	0	0	3	3	0	0
F6	4	3	1	1	4	3,5	0,5	0,5	4	4	0	0	4	4	0	0	4	3	4	0	0	4	4	0	0	4	3	1	1