



Factors influencing job career of Brawijaya University alumni : a perception of alumni survey

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<http://tracerstudy.ub.ac.id>



Background

- The need for continuous tracer study system which can reach the alumni widely and rapidly
- Mapping the graduate profile related to their job and study
- Providing information to the management about the alumni perception to the university

Development Plan

Need of continuous tracer study



2009 – Discussion & design for tracer study system



2010 – Tracer study for Alumni



2011 – Tracer study for stake holder



2012 – 2013 Refining the system & integration





Personal Information

Tracer Study Alumni

Universitas Brawijaya

Home **Daftar** Statistik Logout

Cek Data Alumni

Masukkan NIM

Cek Data Alumni

Kategori Survey

- Informasi Pribadi Responden
- Proses Karir
- Proses Pembelajaran dan Kondisi fasilitas Perkuliahan yang mempengaruhi Jenjang Karir
- Manfaat Proses perkuliahan dari Program Studi
- Pengembangan Kecakapan Hidup (Soft Skill)

I. Informasi Pribadi Responden

Fakultas Matematika dan Ilmu Pengetahuan Alam

-- Pilih Salah Satu --

NIM (selama jadi mahasiswa UB)

01. Nama

02. Umur

03. Jenis Kelamin

-- Pilih Salah Satu --

04. Status Perkawinan

-- Pilih Salah Satu --

06. Alamat Rumah

06a. Kota

Questionnaire Related to the Carrier Process



Kategori Survey

Informasi Pribadi Responden

Proses Karir

Proses Pembelajaran dan Kondisi fasilitas Perkuliahan yang mempengaruhi Jenjang Karir

Manfaat Proses perkuliahan dari Program Studi

Pengembangan Kecakapan Hidup (Soft Skill)

II. Proses Karir

17. Apakah anda sdh bekerja sebelum lulus ?

Ya, di lembaga informal dan sesuai dengan bidang yang ditekuni

18. Bagaimana anda mendapatkan pekerjaan anda yang pertama setelah lulus Universitas Brawijaya ?

Melalui lamaran pada lowongan pekerjaan

19. Kapan anda mulai mencari pekerjaan ?

Sebelum lulus

20. berapa kali anda memasukkan lamaran pekerjaan setelah lulus ?

5 Jumlah Lamaran. Jika anda tidak mencari lowongan pekerjaan mohon diisi dengan angka 0

21. Berapa banyak pekerjaan yang pernah ditawarkan kepada anda ?

3 Jumlah Lowongan. Jika tidak ada lowongan yang pernah ditawarkan mohon diisi dengan angka 0

22. Berapa kali anda pernah mengikuti ujian / wawancara penerimaan pegawai / karyawan ?

4 Jumlah Ujian / Wawancara. Jika anda tidak pernah mengikuti ujian / wawancara mohon diisi dengan angka 0

23. Berapa lama jangka waktu yang anda perlukan hingga memperoleh pekerjaan yang pertama ?

7 Bulan. Jika anda memerlukan waktu kurang dari 15 hari, mohon diisi dengan angka 0.

Questionnaire Related to the Condition affecting Carrier Process



Kategori Survey

Informasi Pribadi Responden

Proses Karir

Proses Pembelajaran dan Kondisi fasilitas Perkuliahan yang mempengaruhi Jenjang Karir

Manfaat Proses perkuliahan dari Program Studi

Pengembangan Kecakapan Hidup (Soft Skill)

III. Proses Pembelajaran dan Kondisi fasilitas Perkuliahan yang mempengaruhi Jenjang Karir

Pilih salah satu jawaban pada form dibawah ini. Keterangan : 5=sangat berpengaruh, 1=tidak berpengaruh

- | | | | | | |
|---|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. Bimbingan/bantuan akademis | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 2. Hubungan dengan staff pengajar | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 3. Kualitas mengajar dari staff pengajar | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 4. Dedikasi dari para staff pengajar | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 5. Kurikulum/silabus/satuan acara perkuliahan | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 6. Perlengkapan laboratorium | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 7. Pengadaan material pengajaran | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 8. Fasilitas Perpustakaan | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 9. Orientasi praktis dalam pengajaran | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 10. Pelatihan di laboratorium | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 11. Praktek di lapangan dan Industri | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |
| 12. Pelayanan administrasi akademik | 5 <input checked="" type="radio"/> | 4 <input type="radio"/> | 3 <input type="radio"/> | 2 <input type="radio"/> | 1 <input type="radio"/> |



Respondent Profiles

- Total data entry
 - 1997 respondents
- Respondents from enrolling year 2003-2006
 - 872 respondent

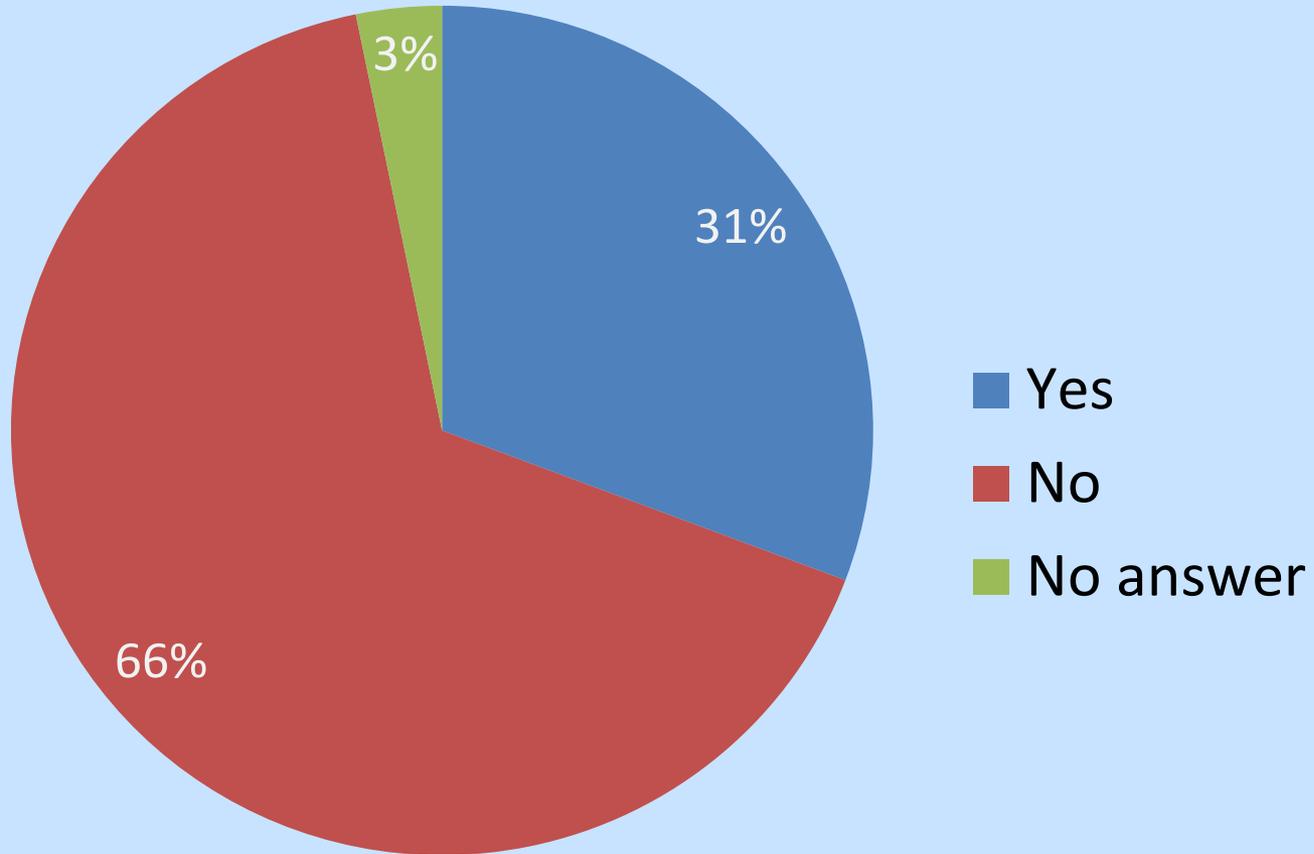


Cross Correlation of variables

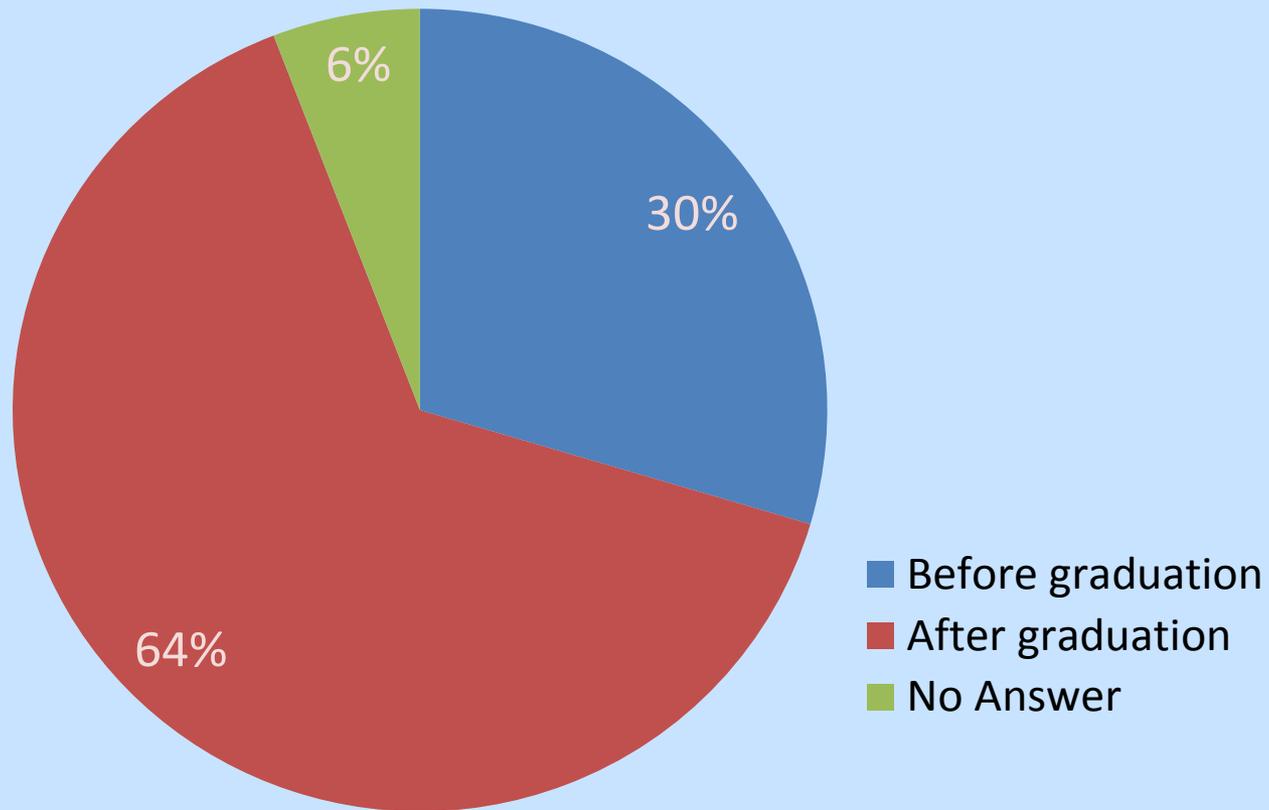
		A	B	C	D	E	F
Quality of teaching	A	1.0000					
Library	B	0.5075	1.0000				
Physical infrastructure	C	0.4368	0.5355	1.0000			
Work experience	D	0.4303	0.4520	0.3735	1.0000		
Co-curricula	E	0.4468	0.4358	0.4489	0.5142	1.0000	
Extra curricula	F	0.3386	0.3890	0.3811	0.4383	0.7190	1.0000

Respondents fill each question independently

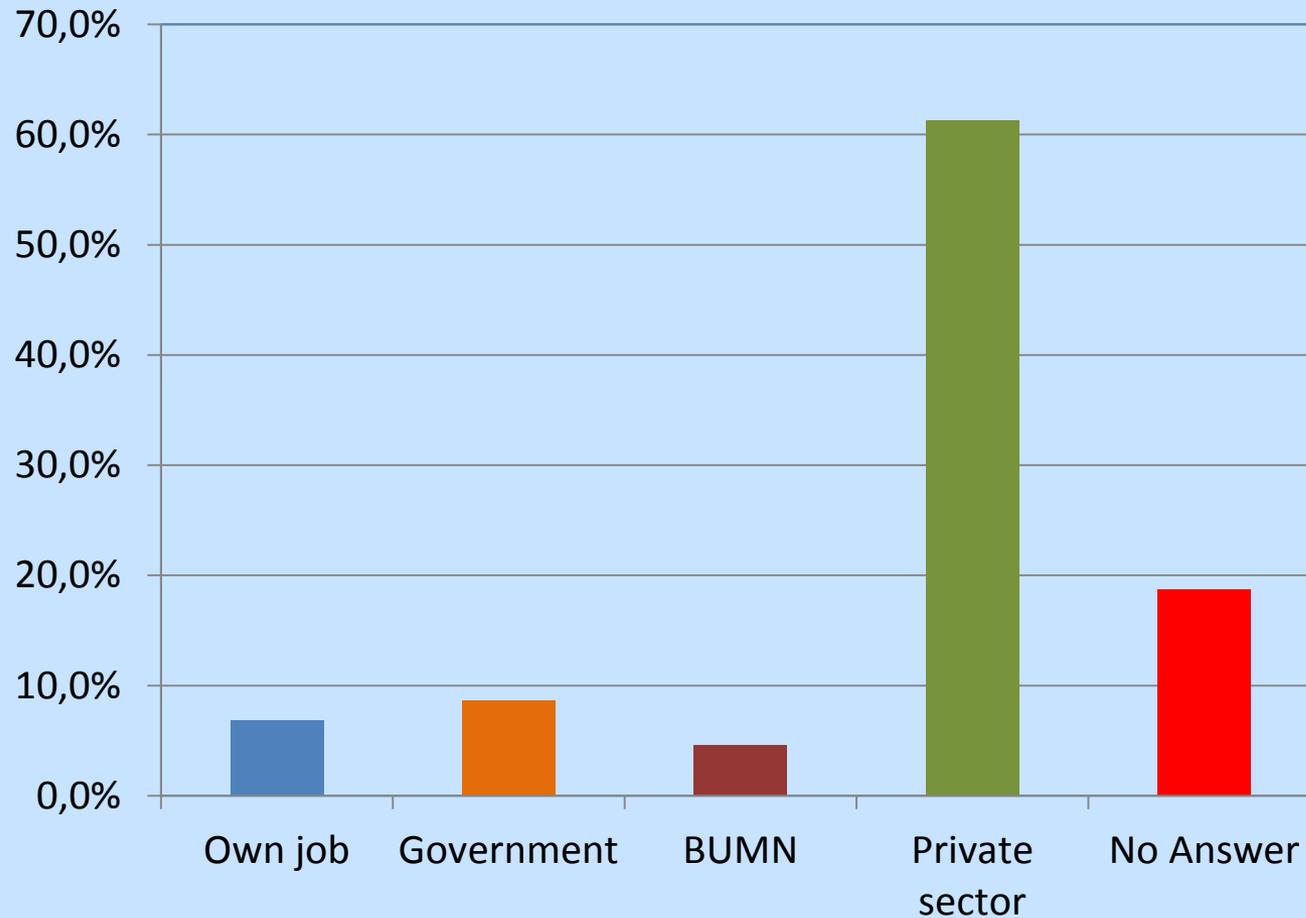
Did they work during their study ?



When did they start to get a “permanent job” ?



Job Types



BUMN: Government Commercial Sector

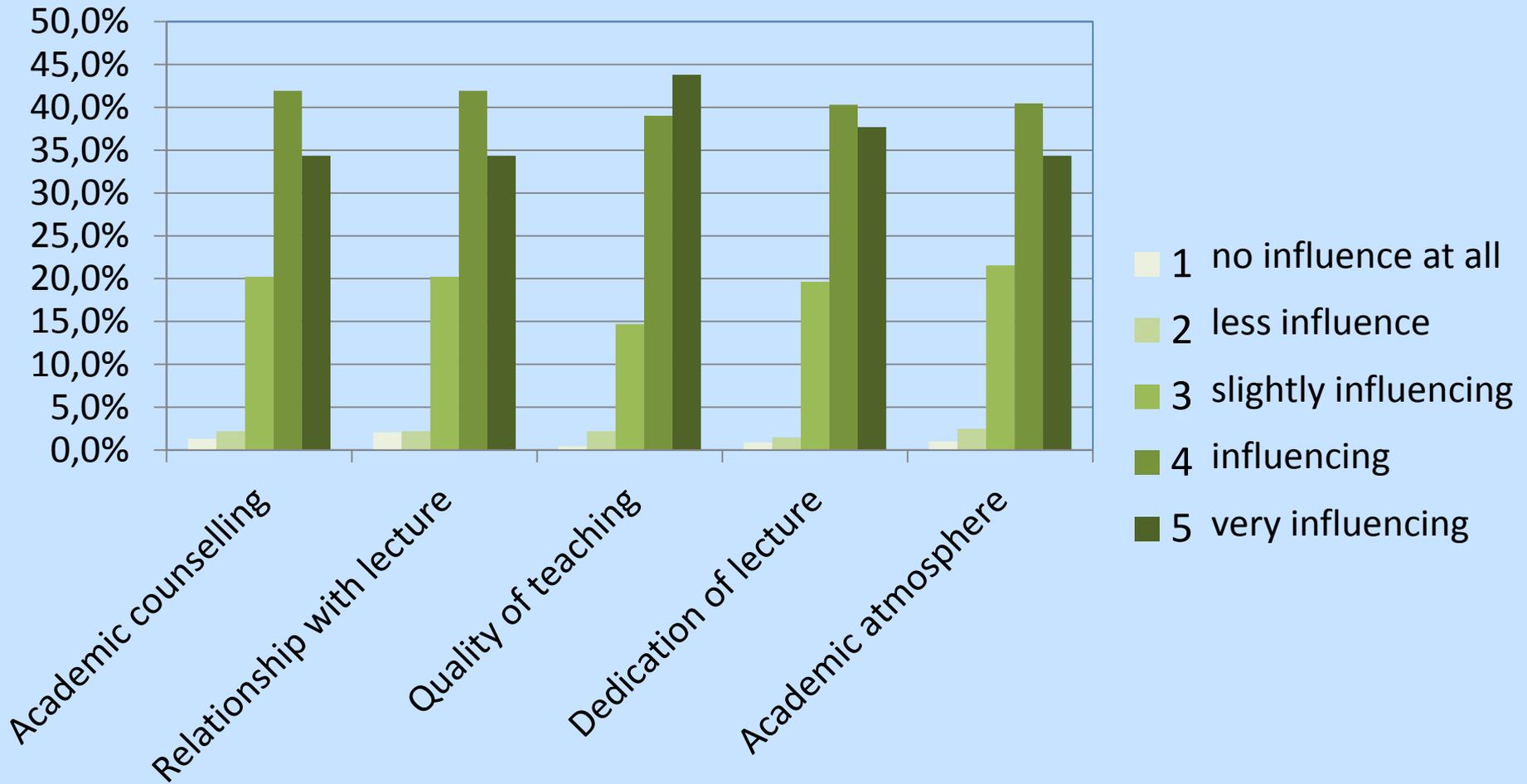


WHAT IS THE MOST SIGNIFICANT FACTORS AFFECTING ALUMNI CAREER



Role of Lecturer on alumni career

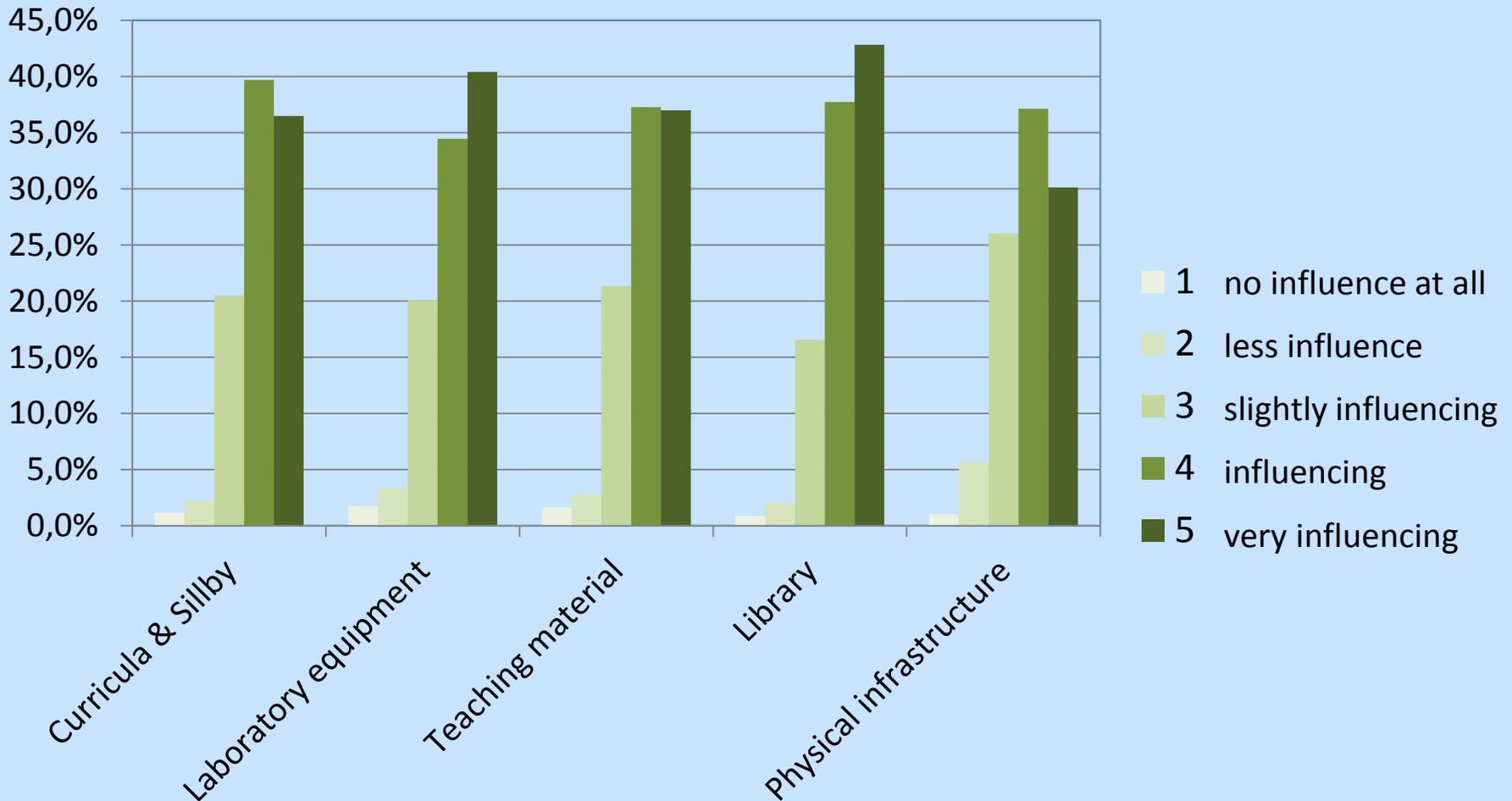
Role of Lecturer is important to support alumni career





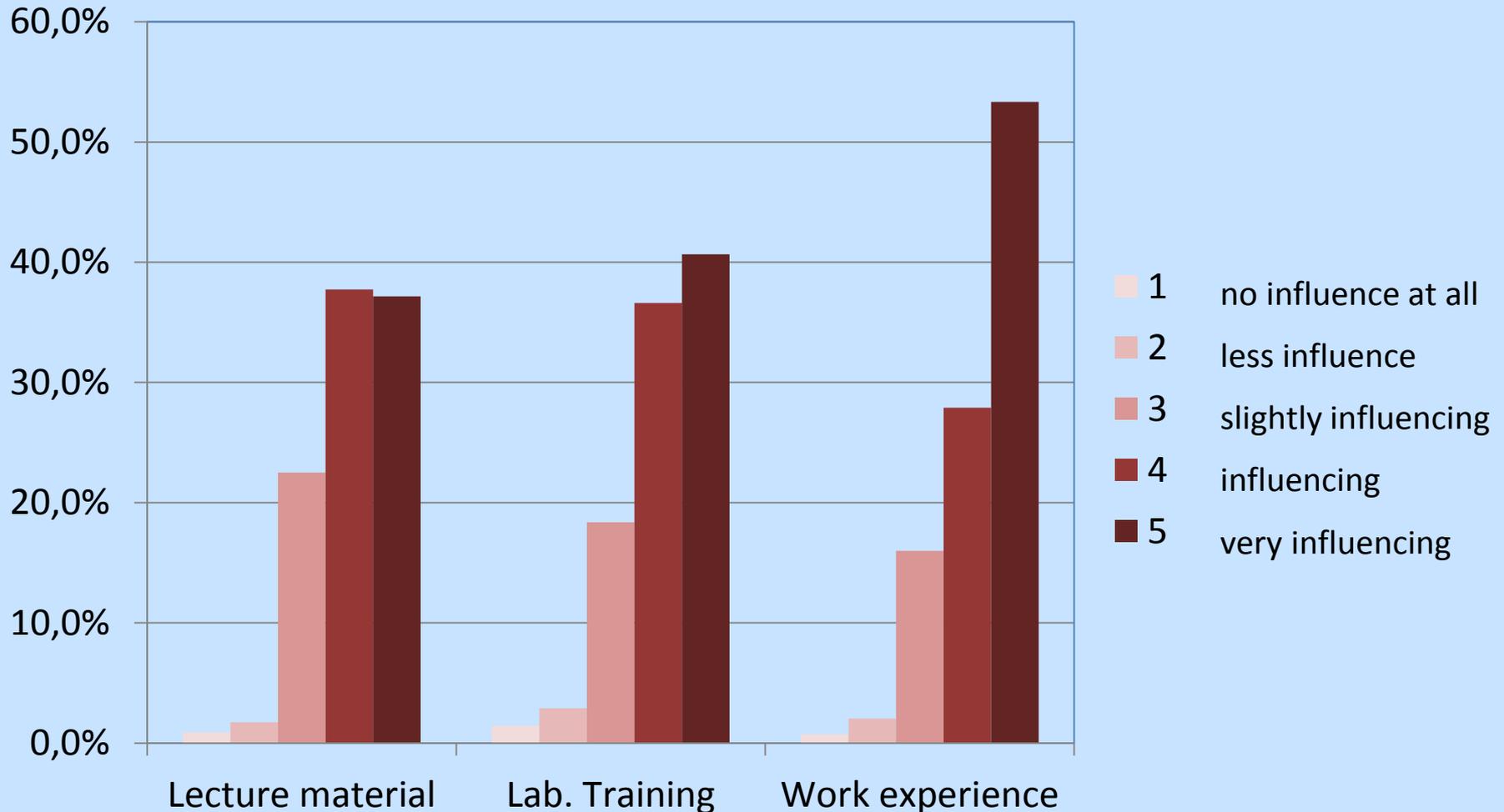
Infrastructure

Library and laboratory are more importance than other physical infrastructure to support alumni career.





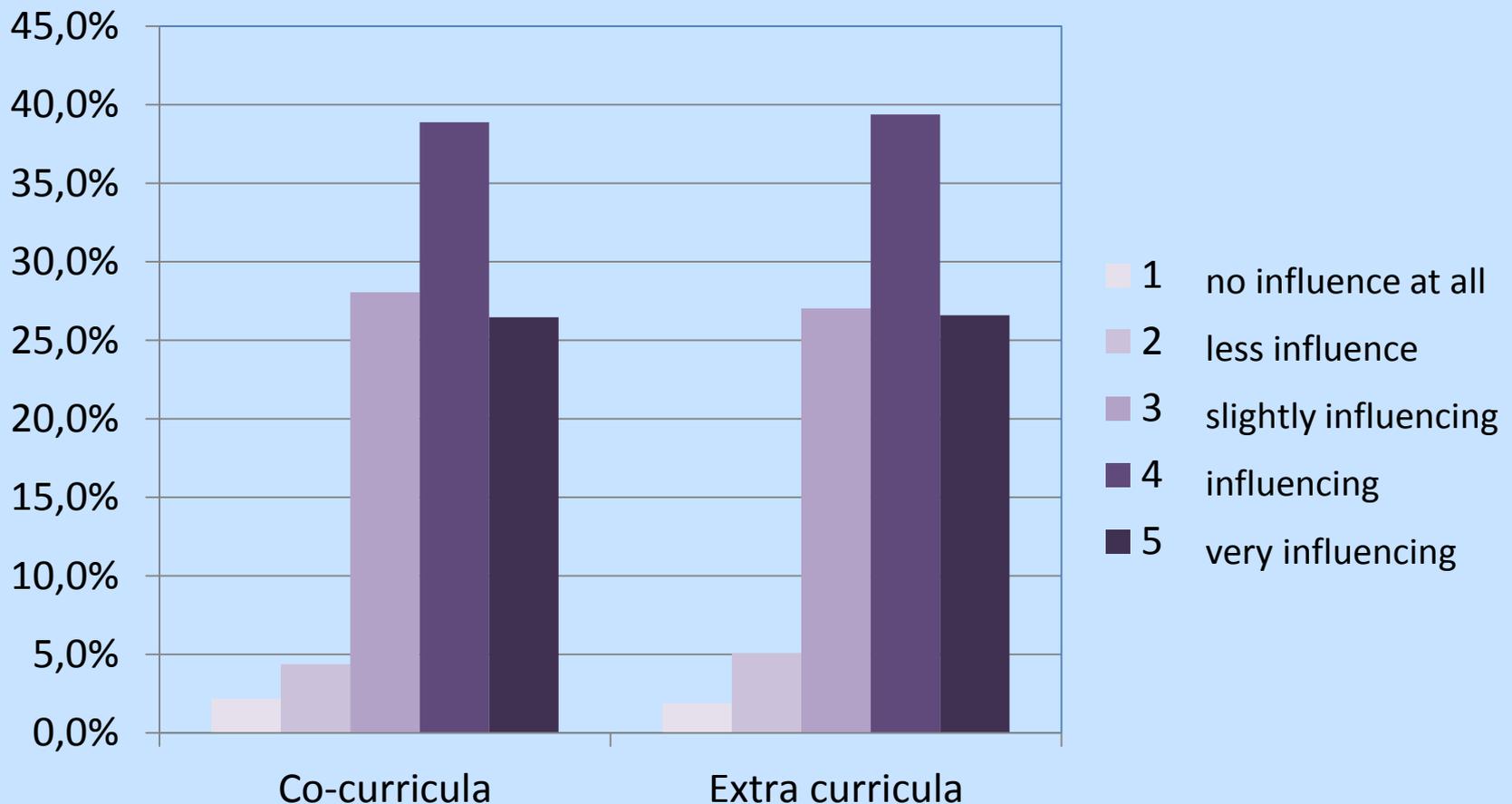
Academic competence is important to support alumni career





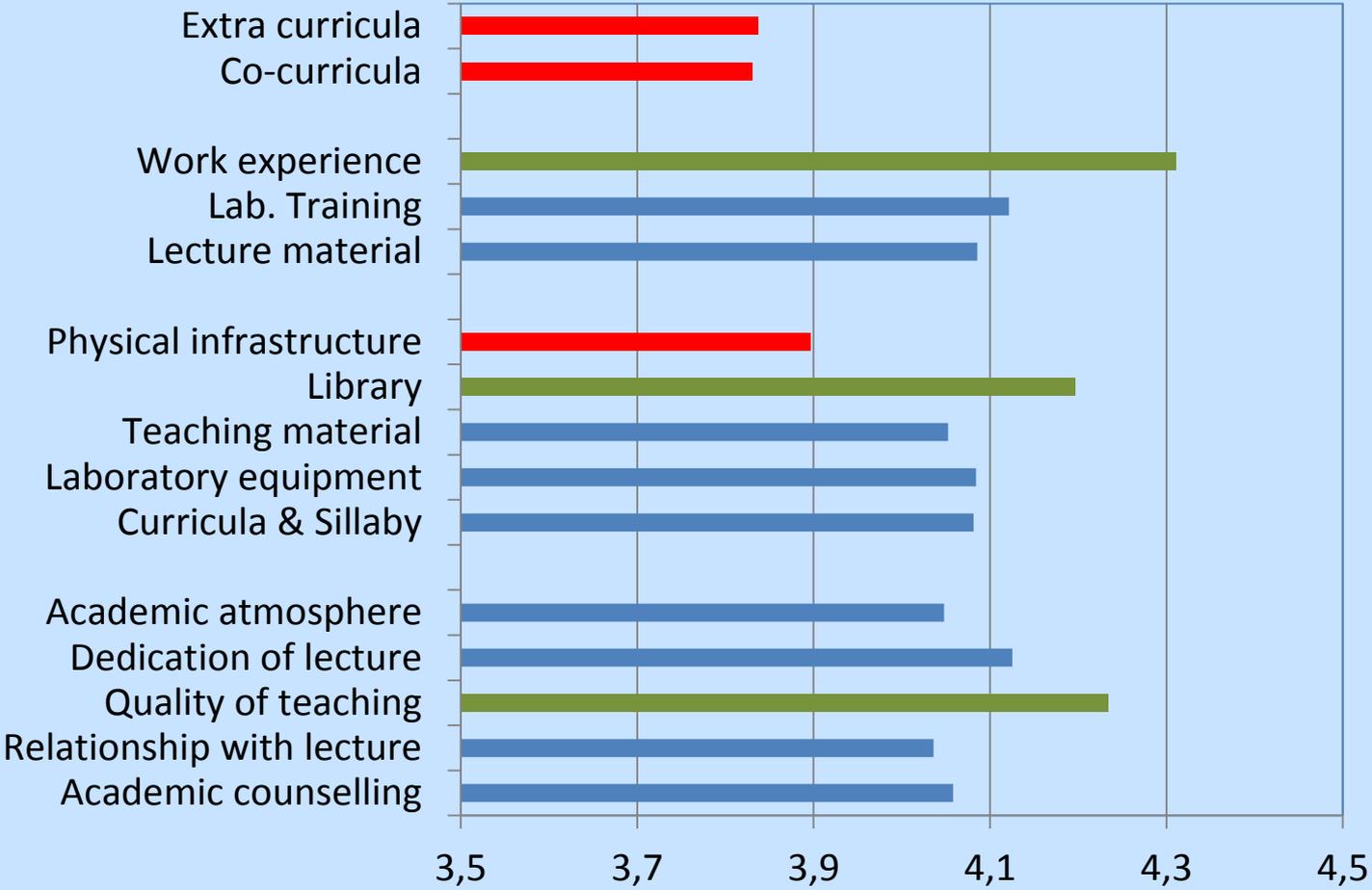
Extra & Co-Curricula

Academic and non-academic activities are important to achieve alumni competence





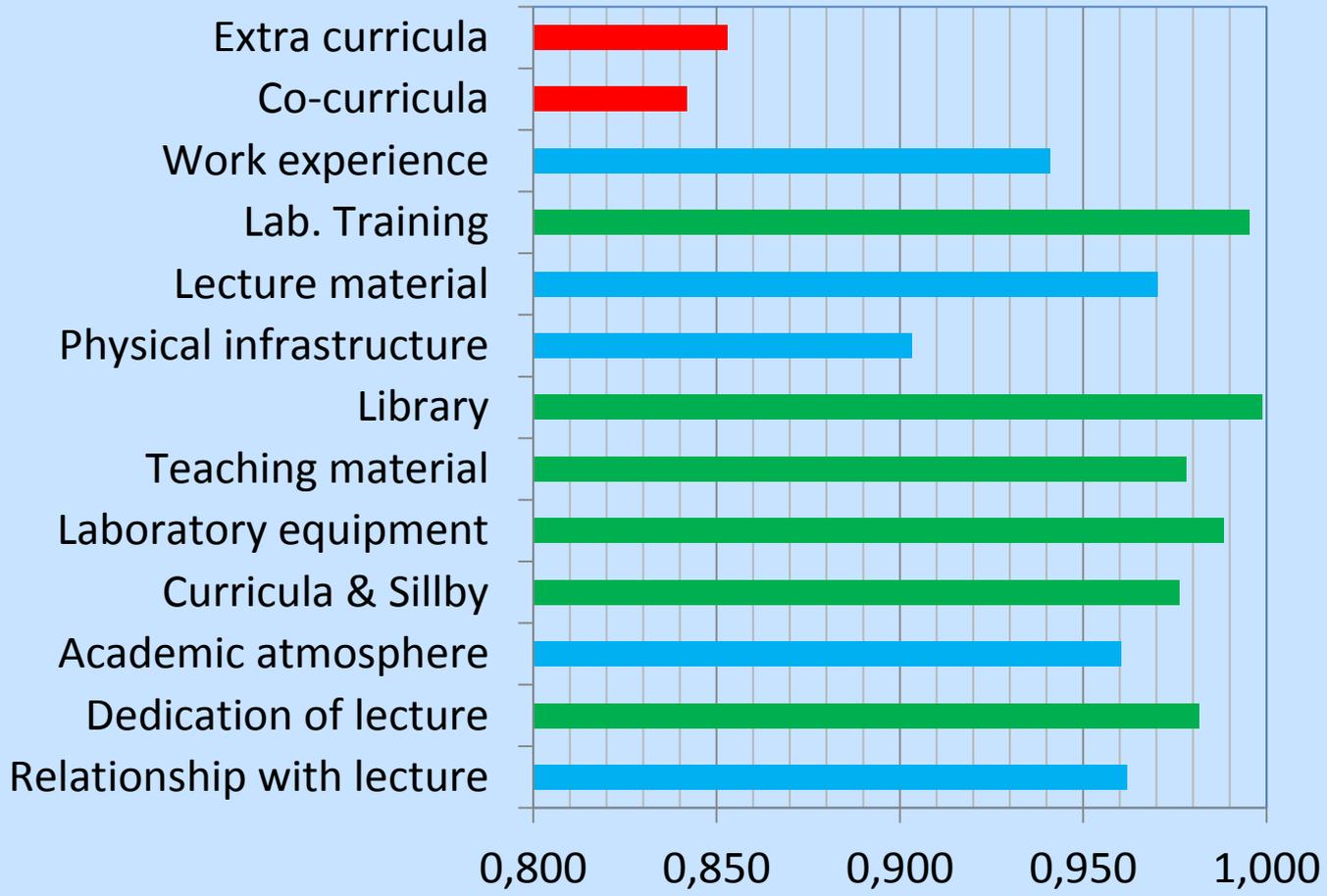
Overall Score (out of 5)



Academic activity is regarded more influencing than non-academic activity to support alumni career



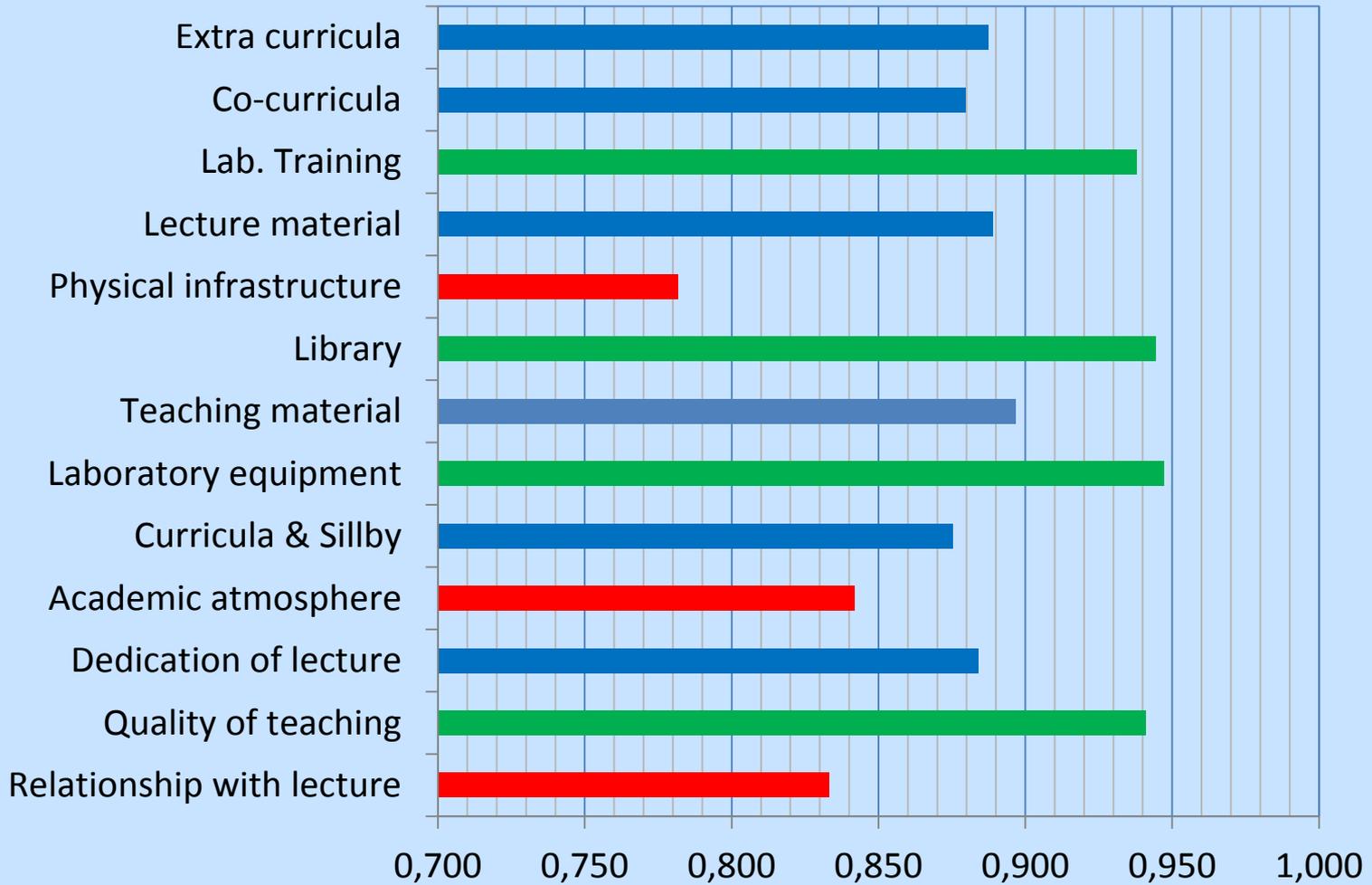
Perception of respondent on teaching quality and its correlation with other variables



For the overall score there are strong correlation between academic components with teaching quality to support alumni career



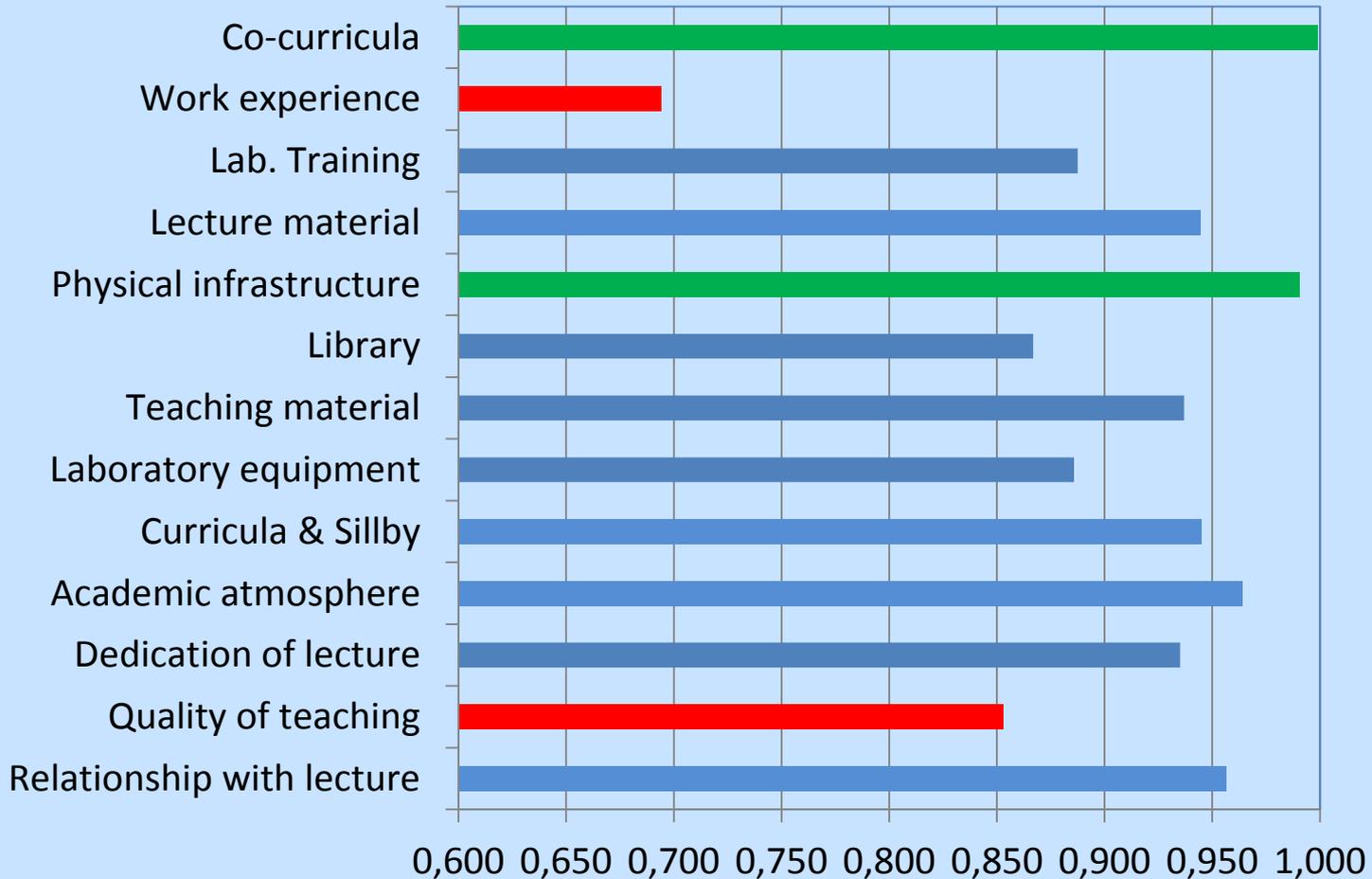
Perception of respondent on work experience and its correlation with other variables



Physical infrastructure in campus is least correlated to the work experience to support alumni career



Perception of respondent on extra-curricula and its correlation with other variables

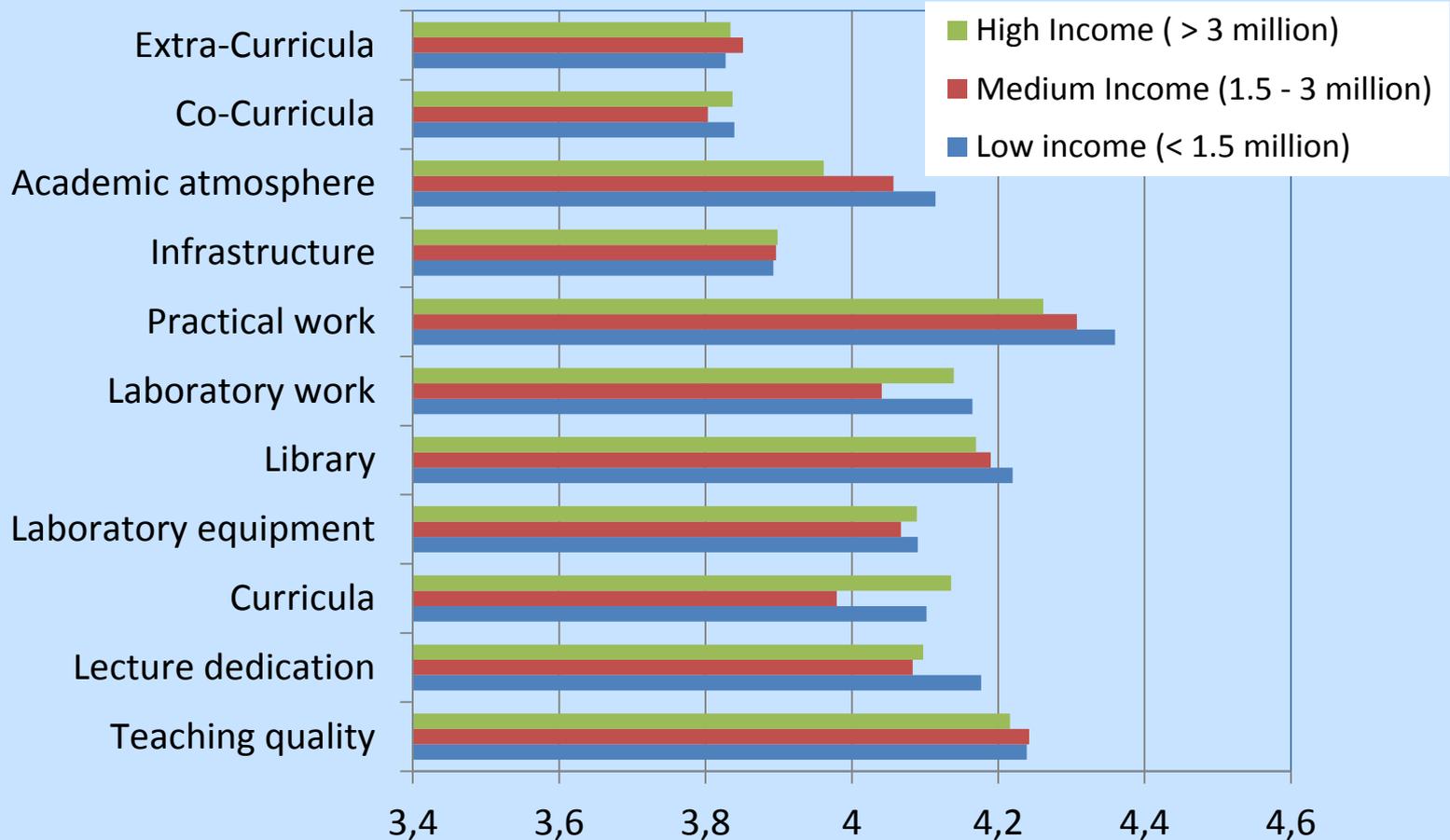


Extra-curricula activity is less correlated to the factor (*work experience & quality of teaching*) which mostly support alumni career

Overall Score Grouped by Alumni Income



Brawijaya University



There is unequivocal perception on the alumni career regardless of current income



Concluding Remarks

- Most influencing factors to the alumni career are:
 - Work experiences
 - Learning Quality
 - Library & laboratory infrastructures
- There was a strong indication that our current academic activities are regarded by the alumni have been on the right track to support graduate career and this leads to the importance of maintaining such activities.
- Nevertheless, as we have a new IQF's law, reconstruction of learning outcomes and its compliance warrant immediate action to support the alumni career.

Thanks You



Brawijaya University

