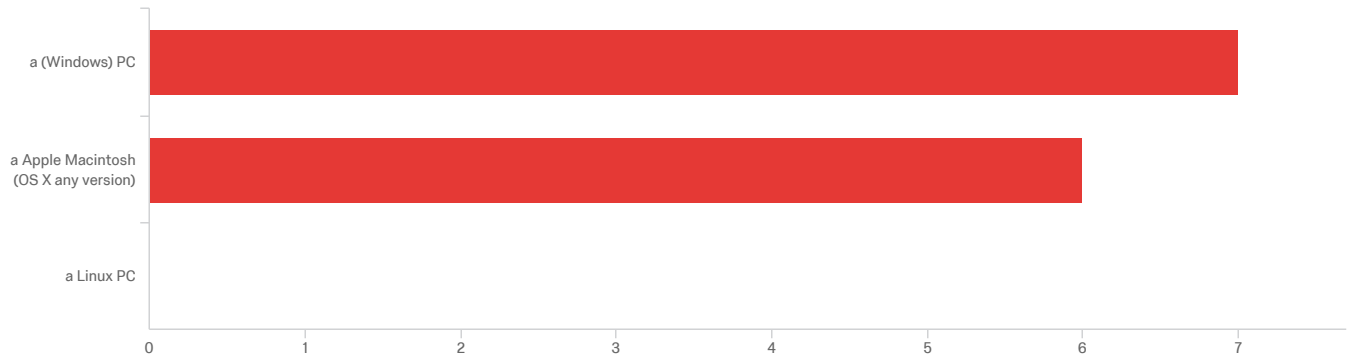


Computing in Economics 2017 results

Computing in Economics Workshop - Knowledge - 2017

August 17, 2018 10:20 PM EDT

Q2 - On your desktop, do you use...

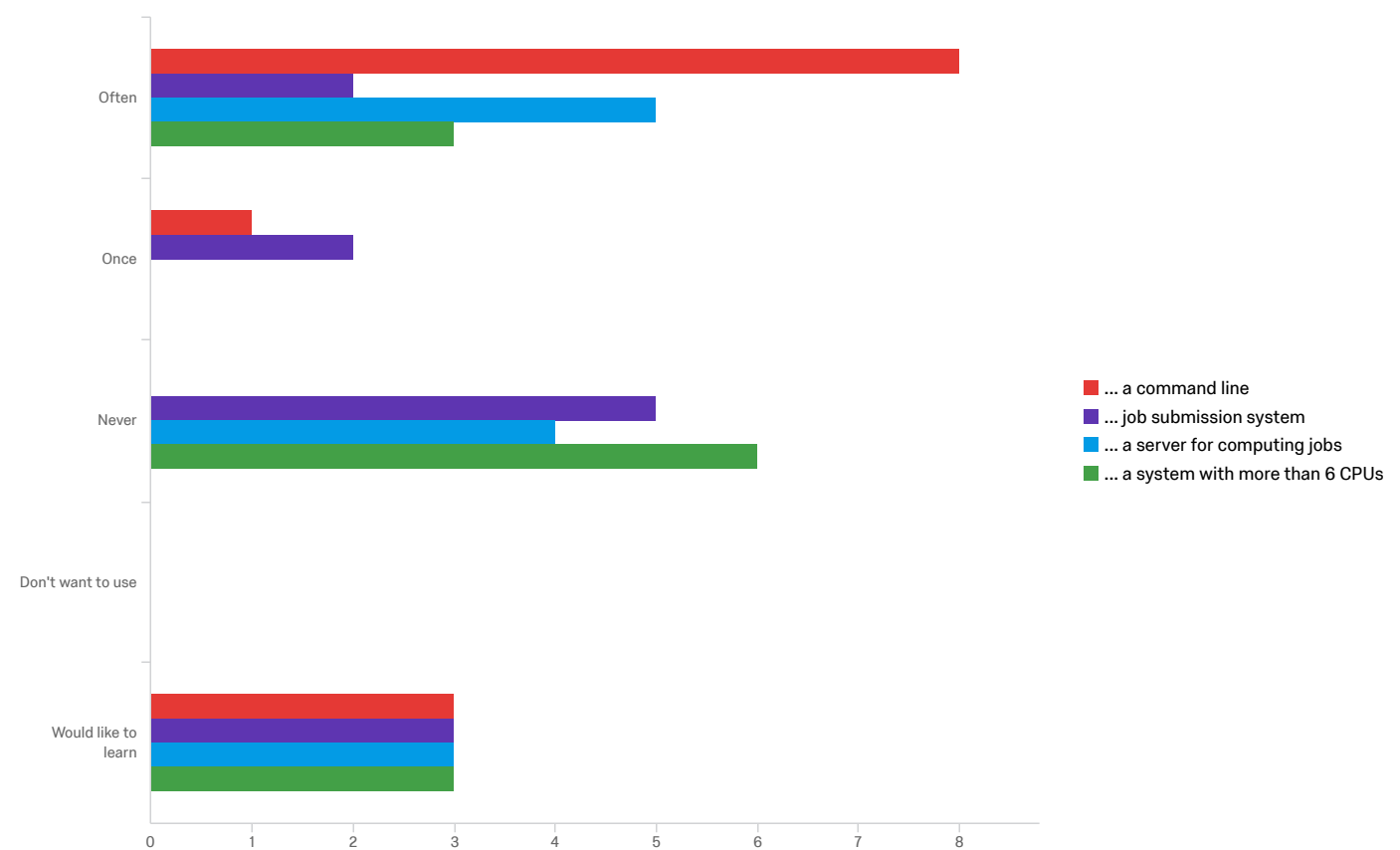


#	Field	Choice Count
1	a (Windows) PC	53.85% 7
2	a Apple Macintosh (OS X any version)	46.15% 6
3	a Linux PC	0.00% 0

13

Showing Rows: 1 - 4 Of 4

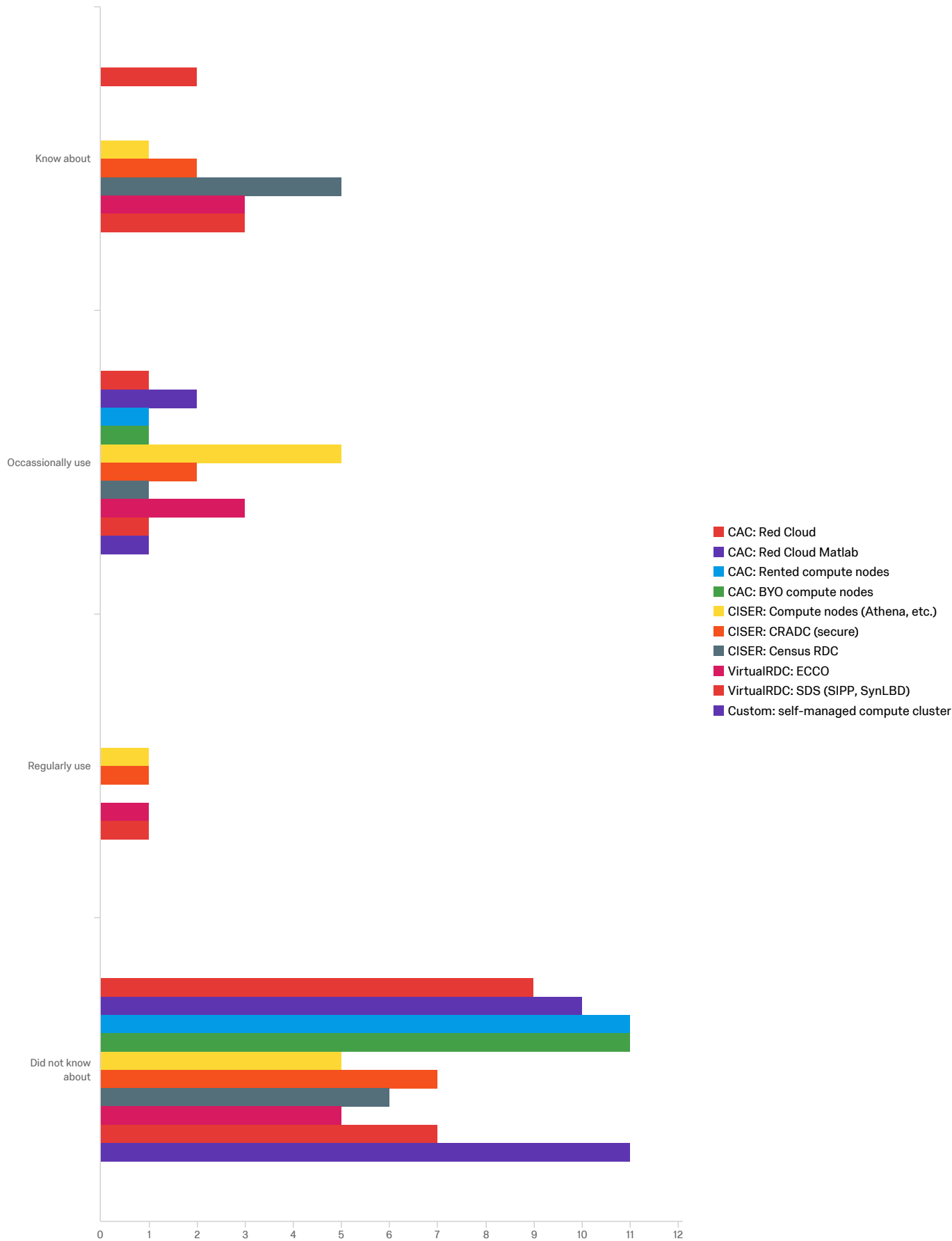
Q13 - Have you ever used ...



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	... a command line	1.00	5.00	2.08	1.71	2.91	12
2	... job submission system	1.00	5.00	3.00	1.35	1.83	12
3	... a server for computing jobs	1.00	5.00	2.67	1.60	2.56	12
4	... a system with more than 6 CPUs	1.00	5.00	3.00	1.41	2.00	12

#	Field	Often	Once	Never	Don't want to use	Would like to learn	Total
1	... a command line	66.67% 8	8.33% 1	0.00% 0	0.00% 0	25.00% 3	12
2	... job submission system	16.67% 2	16.67% 2	41.67% 5	0.00% 0	25.00% 3	12
3	... a server for computing jobs	41.67% 5	0.00% 0	33.33% 4	0.00% 0	25.00% 3	12
4	... a system with more than 6 CPUs	25.00% 3	0.00% 0	50.00% 6	0.00% 0	25.00% 3	12

Q15#1 - What resources at Cornell have you used or would you use at Cornell - Usage



1	CAC: Red Cloud	1.00	4.00	3.33	1.18	1.39	12
2	CAC: Red Cloud Matlab	2.00	4.00	3.67	0.75	0.56	12
3	CAC: Rented compute nodes	2.00	4.00	3.83	0.55	0.31	12
4	CAC: BYO compute nodes	2.00	4.00	3.83	0.55	0.31	12
5	CISER: Compute nodes (Athena, etc.)	1.00	4.00	2.83	1.07	1.14	12
6	CISER: CRADC (secure)	1.00	4.00	3.08	1.19	1.41	12
7	CISER: Census RDC	1.00	4.00	2.58	1.44	2.08	12
8	VirtualRDC: ECCO	1.00	4.00	2.67	1.25	1.56	12
9	VirtualRDC: SDS (SIPP, SynLBD)	1.00	4.00	3.00	1.29	1.67	12
10	Custom: self-managed compute cluster	2.00	4.00	3.83	0.55	0.31	12

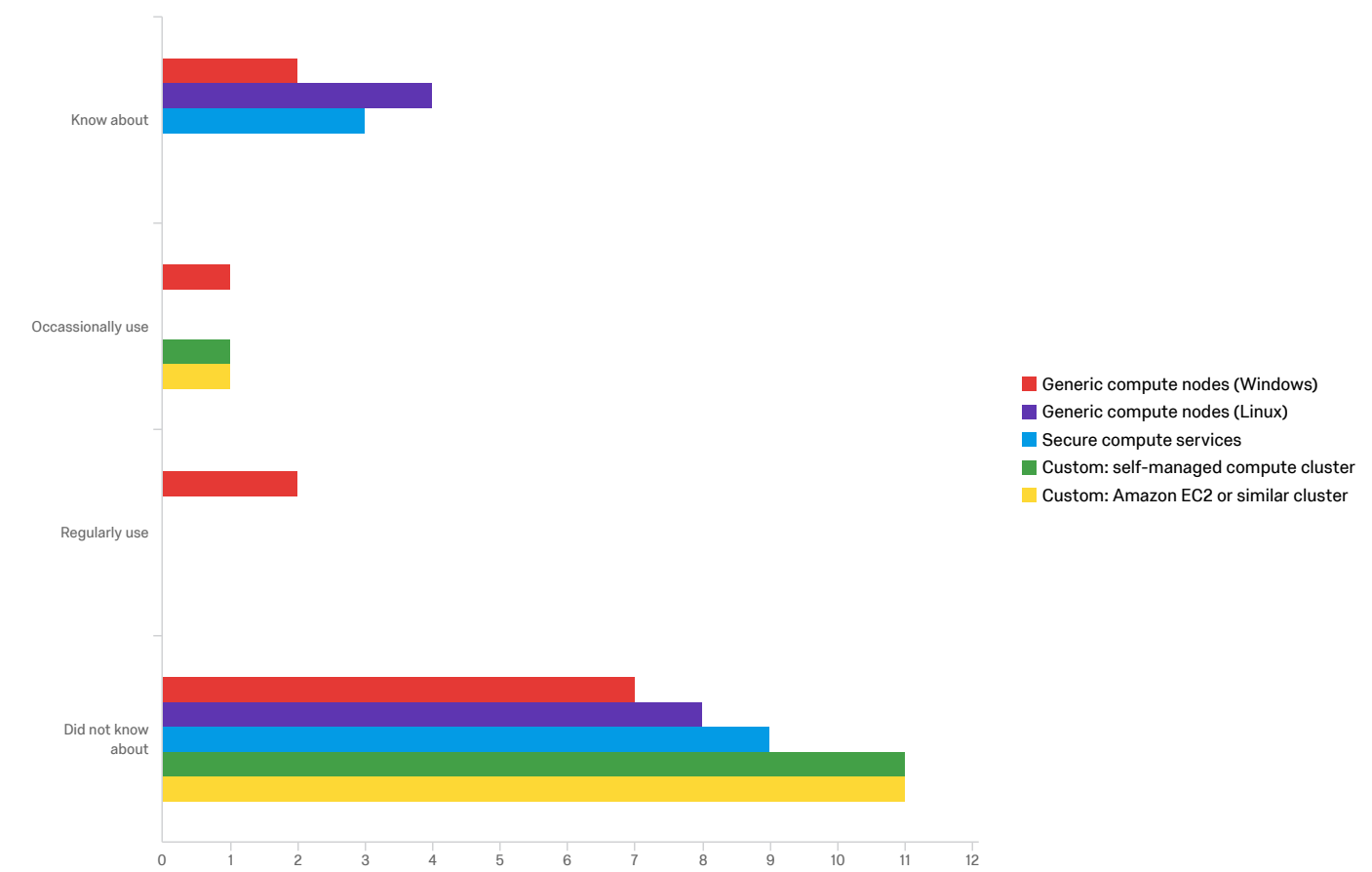
#	Field	Know about		Occassionally use		Regularly use		Did not know about		Total
1	CAC: Red Cloud	16.67%	2	8.33%	1	0.00%	0	75.00%	9	12
2	CAC: Red Cloud Matlab	0.00%	0	16.67%	2	0.00%	0	83.33%	10	12
3	CAC: Rented compute nodes	0.00%	0	8.33%	1	0.00%	0	91.67%	11	12
4	CAC: BYO compute nodes	0.00%	0	8.33%	1	0.00%	0	91.67%	11	12
5	CISER: Compute nodes (Athena, etc.)	8.33%	1	41.67%	5	8.33%	1	41.67%	5	12
6	CISER: CRADC (secure)	16.67%	2	16.67%	2	8.33%	1	58.33%	7	12
7	CISER: Census RDC	41.67%	5	8.33%	1	0.00%	0	50.00%	6	12
8	VirtualRDC: ECCO	25.00%	3	25.00%	3	8.33%	1	41.67%	5	12
9	VirtualRDC: SDS (SIPP, SynLBD)	25.00%	3	8.33%	1	8.33%	1	58.33%	7	12
10	Custom: self-managed compute cluster	0.00%	0	8.33%	1	0.00%	0	91.67%	11	12

Showing Rows: 1 - 10 Of 10

Q11 - If not one of the above at Cornell, describe your compute solution

If not one of the above at Cornell, describe your compute solution

Q17#1 - What resources elsewhere have you used? - Usage



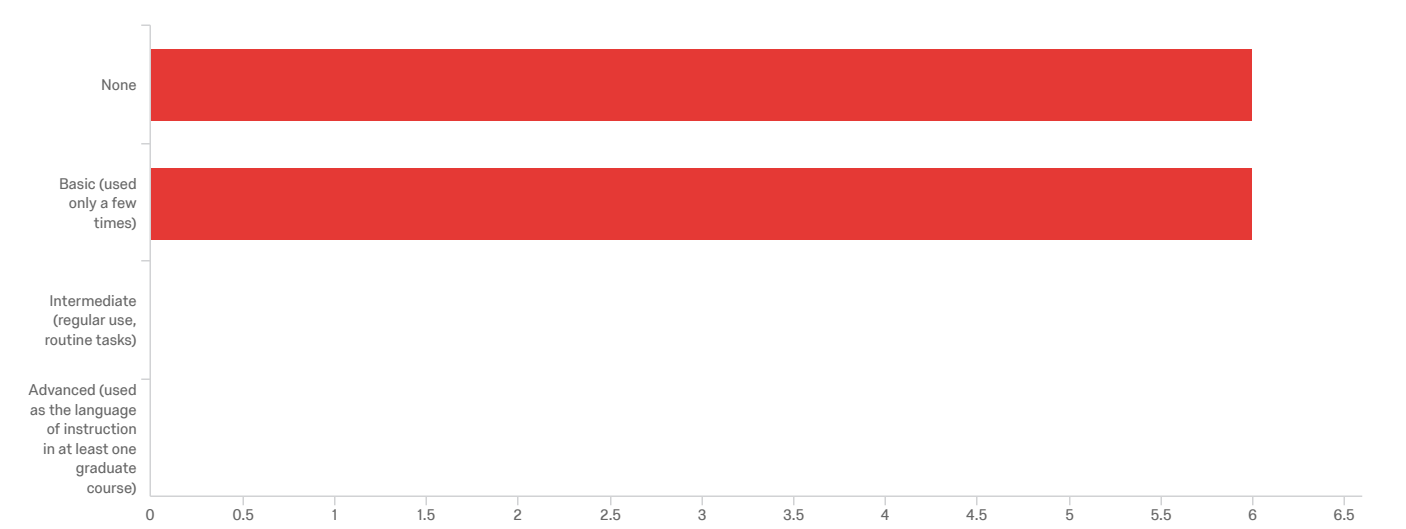
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Generic compute nodes (Windows)	1.00	4.00	3.17	1.14	1.31	12
2	Generic compute nodes (Linux)	1.00	4.00	3.00	1.41	2.00	12
3	Secure compute services	1.00	4.00	3.25	1.30	1.69	12
4	Custom: self-managed compute cluster	2.00	4.00	3.83	0.55	0.31	12
5	Custom: Amazon EC2 or similar cluster	2.00	4.00	3.83	0.55	0.31	12

#	Field	Know about		Occasionally use		Regularly use		Did not know about		Total
1	Generic compute nodes (Windows)	16.67%	2	8.33%	1	16.67%	2	58.33%	7	12
2	Generic compute nodes (Linux)	33.33%	4	0.00%	0	0.00%	0	66.67%	8	12
3	Secure compute services	25.00%	3	0.00%	0	0.00%	0	75.00%	9	12
4	Custom: self-managed compute cluster	0.00%	0	8.33%	1	0.00%	0	91.67%	11	12

5	Custom: Amazon EC2 or similar cluster	0.00% 0	8.33% 1	0.00% 0	91.67% 11	12
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Showing Rows: 1 - 5 Of 5

Q20 - High-level programming competency (C and variants, Fortran, etc.)

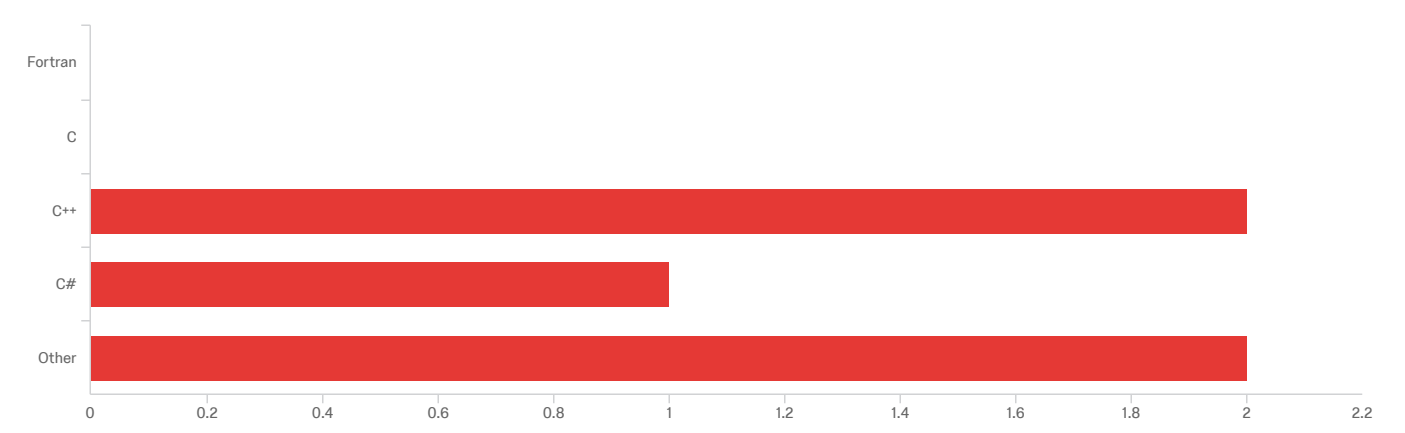


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	High-level programming competency (C and variants, Fortran, etc.)	1.00	2.00	1.50	0.50	0.25	12

#	Field	Choice Count
1	None	50.00% 6
2	Basic (used only a few times)	50.00% 6
3	Intermediate (regular use, routine tasks)	0.00% 0
4	Advanced (used as the language of instruction in at least one graduate course)	0.00% 0
		12

Showing Rows: 1 - 5 Of 5

Q30 - List the high-level programming languages you have used



#	Field	Choice Count
1	Fortran	0.00% 0
2	C	0.00% 0
3	C++	40.00% 2
4	C#	20.00% 1
5	Other	40.00% 2
		5

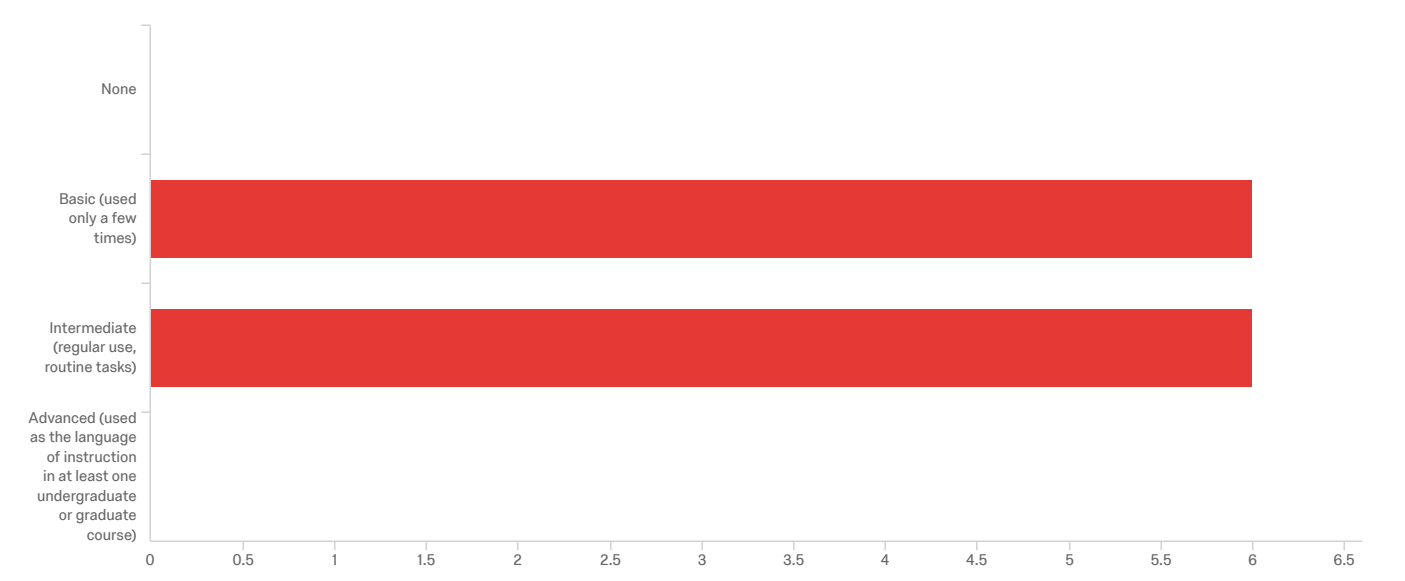
Showing Rows: 1 - 6 Of 6

Other

Other
Python
R

Showing Records: 1 - 2 Of 2

Q24 - Matlab Programming competency

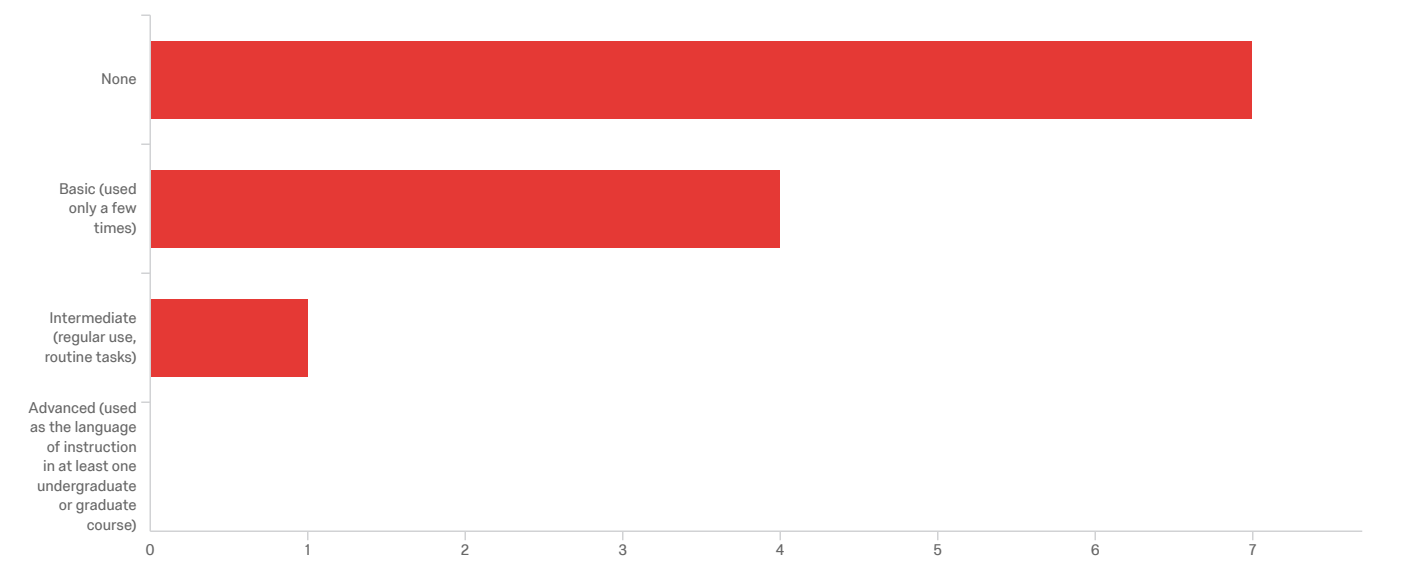


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Matlab Programming competency	2.00	3.00	2.50	0.50	0.25	12

#	Field	Choice Count
1	None	0.00% 0
2	Basic (used only a few times)	50.00% 6
3	Intermediate (regular use, routine tasks)	50.00% 6
4	Advanced (used as the language of instruction in at least one undergraduate or graduate course)	0.00% 0

12

Q26 - Python Programming competency

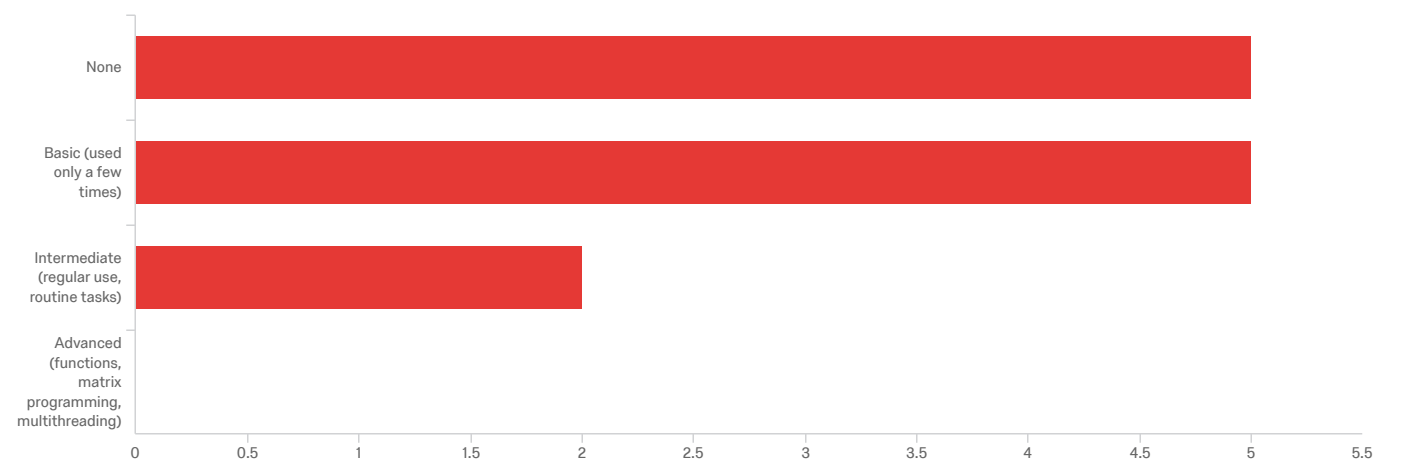


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Python Programming competency	1.00	3.00	1.50	0.65	0.42	12

#	Field	Choice Count
1	None	58.33% 7
2	Basic (used only a few times)	33.33% 4
3	Intermediate (regular use, routine tasks)	8.33% 1
4	Advanced (used as the language of instruction in at least one undergraduate or graduate course)	0.00% 0

12

Q28 - R Programming competency

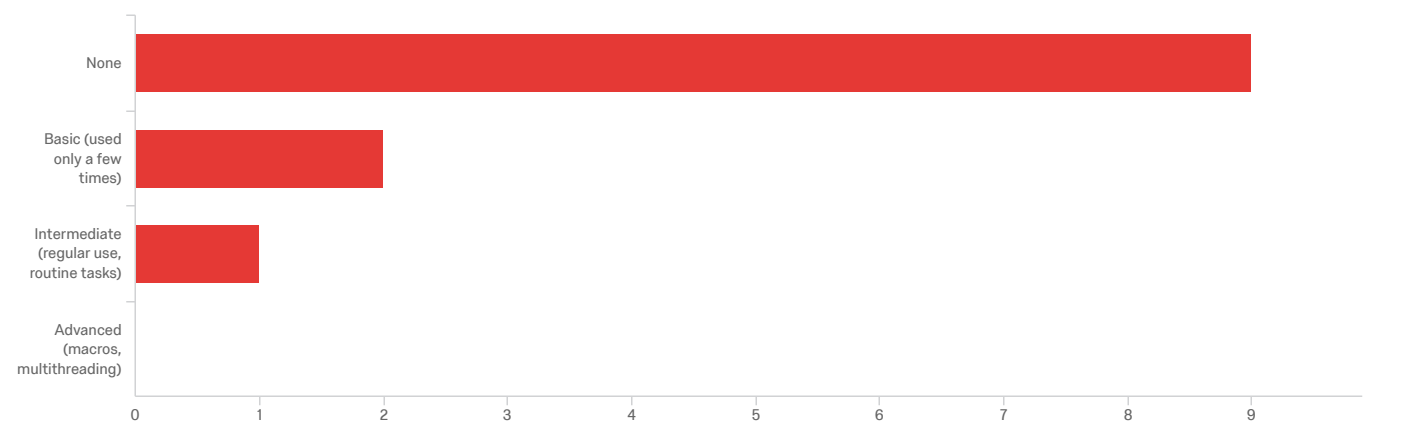


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	R Programming competency	1.00	3.00	1.75	0.72	0.52	12

#	Field	Choice Count
1	None	41.67% 5
2	Basic (used only a few times)	41.67% 5
3	Intermediate (regular use, routine tasks)	16.67% 2
4	Advanced (functions, matrix programming, multithreading)	0.00% 0
		12

Showing Rows: 1 - 5 Of 5

Q30 - SAS Programming competency

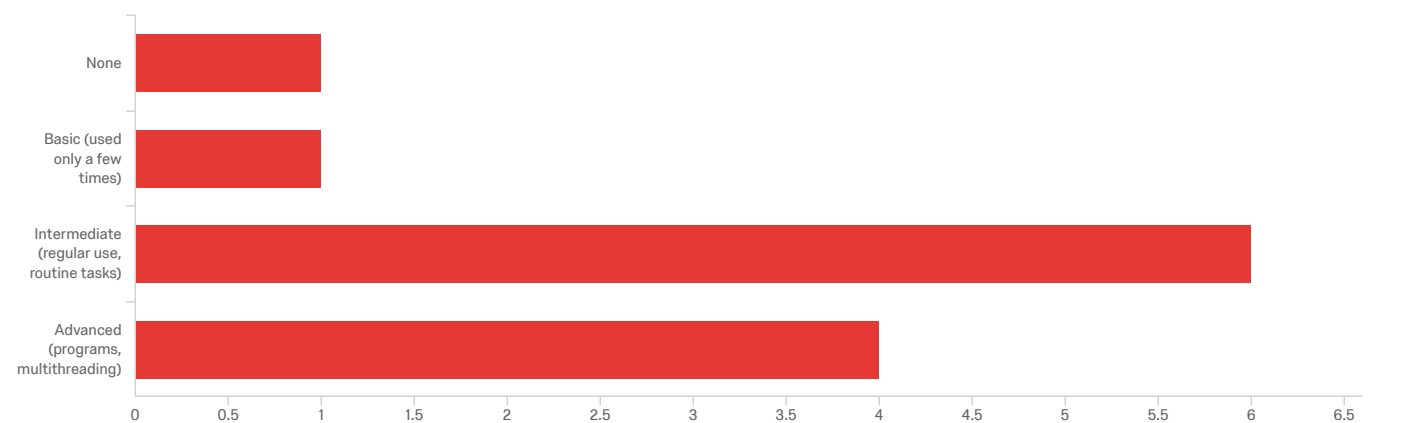


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	SAS Programming competency	1.00	3.00	1.33	0.62	0.39	12

#	Field	Choice Count
1	None	75.00% 9
2	Basic (used only a few times)	16.67% 2
3	Intermediate (regular use, routine tasks)	8.33% 1
4	Advanced (macros, multithreading)	0.00% 0
		12

Showing Rows: 1 - 5 Of 5

Q34 - Stata Programming competency

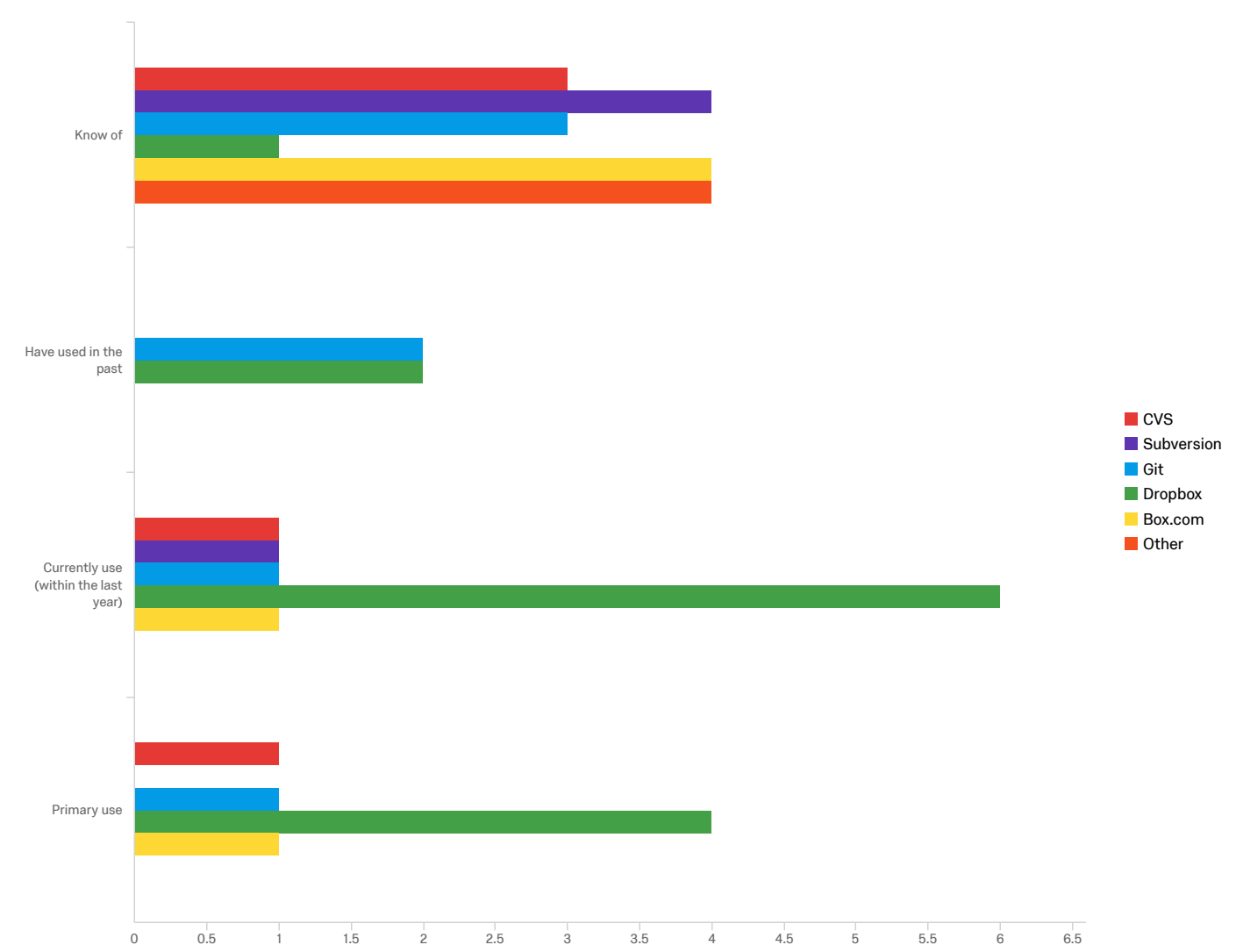


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Stata Programming competency	1.00	4.00	3.08	0.86	0.74	12

#	Field	Choice Count
1	None	8.33% 1
2	Basic (used only a few times)	8.33% 1
3	Intermediate (regular use, routine tasks)	50.00% 6
4	Advanced (programs, multithreading)	33.33% 4
		12

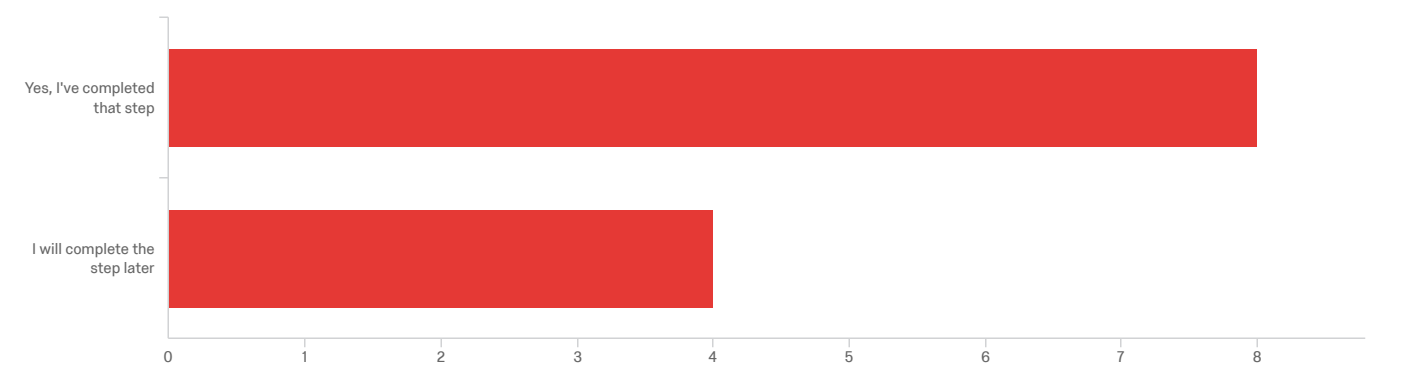
Showing Rows: 1 - 5 Of 5

Q37 - Have you ever used a versioning system (of any type, including explicitly leveraging versioning filesystems)? Do you currently use one?



#	Field	Know of		Have used in the past		Currently use (within the last year)		Primary use		Total
1	CVS	60.00%	3	0.00%	0	20.00%	1	20.00%	1	5
2	Subversion	80.00%	4	0.00%	0	20.00%	1	0.00%	0	5
3	Git	42.86%	3	28.57%	2	14.29%	1	14.29%	1	7
4	Dropbox	7.69%	1	15.38%	2	46.15%	6	30.77%	4	13
5	Box.com	66.67%	4	0.00%	0	16.67%	1	16.67%	1	6
6	Other	100.00%	4	0.00%	0	0.00%	0	0.00%	0	4

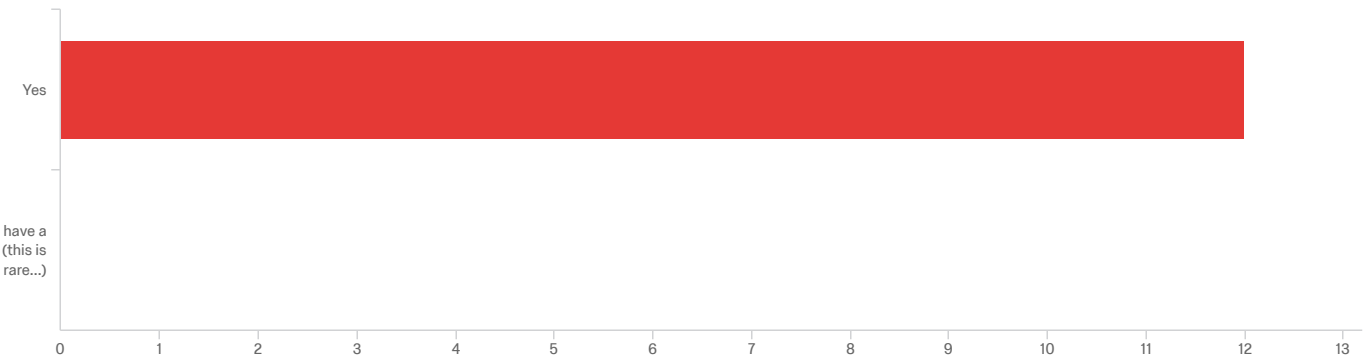
Q31 - You should have requested an account on ECCO, by going through the process at <http://www2.vrdc.cornell.edu/news/ecco/step-1-requesting-an-ecco-account/>. You should select a generic "Economics Graduate Student" account, not a class-specific account - you will be keeping this account as long as you are a student (or as long as ECCO exists).



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	You should have requested an account on ECCO, by going through the process at http://www2.vrdc.cornell.edu/news/ecco/step-1-requesting-an-ecco-account/ . You should select a generic "Economics Graduate Student" account, not a class-specific account - you will be keeping this account as long as you are a student (or as long as ECCO exists).	1.00	2.00	1.33	0.47	0.22	12

#	Field	Choice Count
1	Yes, I've completed that step	66.67% 8
2	I will complete the step later	33.33% 4
		12

Q32 - Don't forget to bring your laptop to the workshop

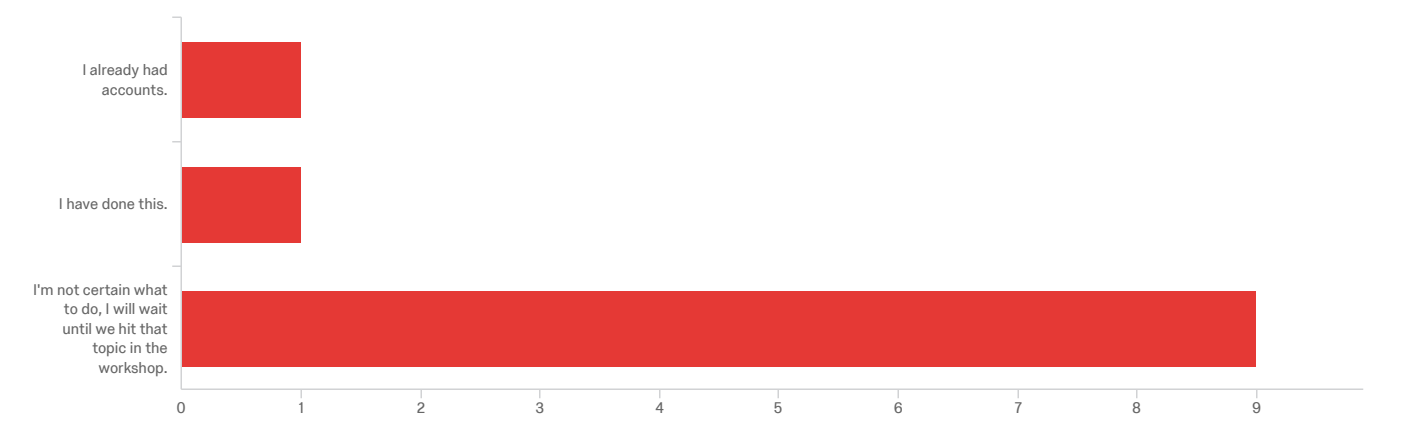


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Don't forget to bring your laptop to the workshop	1.00	1.00	1.00	0.00	0.00	12

#	Field	Choice Count
1	Yes	100.00% 12
2	I don't have a laptop (this is rare...)	0.00% 0
		12

Showing Rows: 1 - 3 Of 3

Q34 - (Optional) Get an account on a Git and/or Subversion service (GitHub, Bitbucket, Cornell Forge)



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	(Optional) Get an account on a Git and/or Subversion service (GitHub, Bitbucket, Cornell Forge)	1.00	3.00	2.73	0.62	0.38	11

#	Field	Choice Count
1	I already had accounts.	9.09% 1
2	I have done this.	9.09% 1
3	I'm not certain what to do, I will wait until we hit that topic in the workshop.	81.82% 9
		11

Showing Rows: 1 - 4 Of 4

End of Report