iREDS codebook

Dataset Label	Full Question/Measure	Scale	Notes
Demographics			
LMID	Lab member participant ID		
PIID	PI participant ID		
Pretest	Responses for pretest vs posttest	1 = pretest; 0 = posttest	
RecordedDate	timestamp for completed survey		
Condition	Intervention vs Control condition	1 = intervention; 0 = control	
LabPosition	What is your position within your lab?	1 = Primary Investigator; 2 = Post-doc; 3 = Graduate Student; 4 = Undergraduate student; 5 = Research scientist; 6 = Support staff; 7 = other	
LabPositionOther	Response to 'Other' category for lab position	Open-ended response	
Department	What department are you in?	1 = Biology; 2 = Botany Plant Sciences; 3 = Cell Biology; 4 = Biochemistry; 5 = Chemistry; 6 = Earth Science; 7 = Physics and Astronomy; 8 = Plant Pathology and Microbiology; 9 = Environmental Sciences; 10 = Molecular, cellular and Developmental Biology; 11 = Marine Science; 12 = Ecology, Evolution and Marine Biology; 13 = Environmental Studies; 14 = Biomolecular Sciences; 15 = Engineering; 16 = other	
DepartmentOther	Response to 'Other' category for department	Open-ended response	
Gender	Please tell us your gender.	1 = Male; 0 = Female; 2 = Alternative option; 3 = Prefer not to state	
Ethnicity	Please tell us your race/ethnicity.	1 = White; 2 = Black; 3 = Hispanic; 4 = Asian; 5 = Other; 6 = I prefer not to answer	
EthnicityOther	Response to 'Other' category for ethnicity	Open-ended response	
Lab Practices (LP)			
LPComm_email	Please indicate how your lab regularly communicates with one another: Via email	1 = via email; 0 = not via email	
LPComm_meetings	Please indicate how your lab regularly communicates with one another: In person lab meetings	1 = in person lab meetings; 0 = not in person lab meetings	
LPComm_googledoc	Please indicate how your lab regularly communicates with one another: Comments on google docs	1 = comments on google docs; 0 = not in comments on google docs	
LPComm_videoconf	Please indicate how your lab regularly communicates with one another: Remote meetings via video conferencing	1 = remote meetings via video conferencing; 0 = not remote meetings via video conferencing	
LPComm_phone	Please indicate how your lab regularly communicates with one another: Over the phone	1 = over the phone; 0 = not over the phone	
LPComm_NA	Please indicate how your lab regularly communicates with one another: Not applicable; my lab doesn't communicate very often	1 = not applicable – my lab doesn't communication often; 0 = not NA	
LPComm_inperson	Please indicate how your lab regularly communicates with one another: Casually in person	1 = casually in person; 0 = not causally in person	
LPComm_other	Please indicate how your lab regularly communicates with one another: Other form of communication	1 = other; 0 = not other	
LPComm_otherText	Responses to "Other" for lab practices – communication	Open-ended response	
LPRecord_ind_paper	Please indicate how you record data: Loose-leaf paper	1 = on loose leaf paper; 0 = not on loose leaf paper	
LPRecord_ind_labNotebook	Please indicate how you record data: Lab notebooks and/or binders	1 = in lab notebooks and/or binders; 0 = not in lab notebooks and/or binders	
LPRecord_ind_eNotebook	Please indicate how you record data: eNotebook	1 = in an eNotebook; 0 = not in an eNotebook	
LPRecord_ind_spreadsheets	Please indicate how you record data: Electronic spreadsheets	1 = in electronic spreadsheets; 0 = not in electronic spreadsheets	
LPRecord_ind_other	Please indicate how you record data: Another form of data collection	1 = other form of data collection; 0 = not another form	
LPRecord_ind_NA	Please indicate how you record data: I do not record data	1 = doesn't collect data; 0 = does collect data	

LPRecord_ind_otherText	Responses to “Other” for individual recording data	Open-ended response	
LPRecord_lab_paper	Please indicate how your lab records data: loose leaf paper	1 = on loose-leaf paper; 0 = not on loose-leaf paper	
LPRecord_lab_labNotebook	Please indicate how your lab records data: Lab notebooks and/or binders	1 = in lab notebooks and/or binders; 0 = not in lab notebooks and/or binders	
LPRecord_lab_eNotebook	Please indicate how your lab records data: eNotebook	1 = in an eNotebook; 0 = not in an eNotebook	
LPRecord_lab_spreadsheets	Please indicate how your lab records data: Electronic spreadsheets	1 = in electronic spreadsheets; 0 = not in electronic spreadsheets	
LPRecord_lab_other	Please indicate how your lab records data: Another form of data collection	1 = other form of data collection; 0 = not another form	
LPRecord_lab_otherText	Responses to “Other” for lab recording data	Open-ended response	
LPShare_lab_cloud	Please indicate how you and your lab typically share data with each other: On cloud storage; such as Dropbox, Box, etc.	1 = on cloud storage; 0 = not on cloud storage	
LPShare_lab_repo	Please indicate how you and your lab typically share data with each other: On a public repository (i.e., the Open Science Framework, GitHub)	1 = public repository; 0 = not in a public repository	
LPShare_lab_email	Please indicate how you and your lab typically share data with each other: Through email	1 = email; 0 = not email	
LPShare_lab_paper	Please indicate how you and your lab typically share data with each other: On paper files	1 = paper files; 0 = not paper files	
LPShare_lab_server	Please indicate how you and your lab typically share data with each other: On a shared server	1 = shared server; 0 = not shared server	
LPShare_lab_googleDrive	Please indicate how you and your lab typically share data with each other: On Google Drive	1 = google drive; 0 = not google drive	
LPShare_lab_thumbDrive	Please indicate how you and your lab typically share data with each other: On a thumb drive	1 = thumb drive; 0 = not a thumb drive	
LPShare_lab_externalDrive	Please indicate how you and your lab typically share data with each other: On a shared external hard drive	1 = external hard drive; 0 = not on an external hard drive	
LPShare_lab_presentations	Please indicate how you and your lab typically share data with each other: Through presentations at lab meetings	1 = presentations in lab; 0 = not on presentations in lab	
LPShare_lab_NA	Please indicate how you and your lab typically share data with each other: Not applicable; my lab doesn’t share data	1 = NA; 0 = not NA	
LPShare_lab_iShare	Please indicate how you and your lab typically share data with each other: iShare	1 = iShare; 0 = not iShare	
LPShare_lab_iLearn	Please indicate how you and your lab typically share data with each other: iLearn	1 = iLearn; 0 = not iLearn	
LPShare_lab_other	Please indicate how you and your lab typically share data with each other: On another form of data sharing	1 = other form; 0 = not other form	
LPShare_lab_otherText	Response to “Other”	Open-ended format	
LPStore_ind_server	Please indicate how you typically store data: Stored server	1 = on stored server; 0 = not on stored server	
LPStore_ind_googleDrive	Please indicate how you typically store data: Google Drive	1 = google drive; 0 = not google drive	
LPStore_ind_thumbDrive	Please indicate how you typically store data: On a thumb drive	1 = thumb drive; 0 = not thumb drive	
LPStore_ind_externalDrive	Please indicate how you typically store data: On a stored external hard drive	1 = external drive; 0 = not external drive	
LPStore_ind_AmazonS3	Please indicate how you typically store data: On Amazon S3	1 = on AS3; 0 = not on AS3	
LPStore_ind_repo	Please indicate how you typically store data: On a public repository (i.e., the Open Science Framework, GitHub)	1 = on public repo; 0 = not on public repo	
LPStore_ind_cloud	Please indicate how you typically store data: On cloud storage such as Dropbox, Box, etc.	1 = cloud storage; 0 = not cloud storage	
LPStore_ind_iStore	Please indicate how you typically store data: iStore	1 = iStore; 0 = not iStore	
LPStore_ind_iLearn	Please indicate how you typically store data: iLearn	1 = iLearn; 0 = not iLearn	
LPStore_ind_labNotebook	Please indicate how you typically store data: Lab notebook	1 = lab notebook; 0 = not lab notebook	
LPStore_ind_other	Please indicate how you typically store data: On another form of data sharing	1 = other form; 0 = not other form	
LPStore_ind_otherText	Response to “Other”	Open-ended format	
LPStore_lab_server	Please indicate how you and your lab store data: Stored server	1 = on stored server; 0 = not on stored server	

LPStore_lab_googleDrive	Please indicate how you and your lab store data: Google Drive	1 = google drive; 0 = not google drive	
LPStore_lab_thumbDrive	Please indicate how you and your lab store data: On a thumb drive	1 = thumb drive; 0 = not thumb drive	
LPStore_lab_externalDrive	Please indicate how you and your lab store data: On a stored external hard drive	1 = external drive; 0 = not external drive	
LPStore_lab_AmazonS3	Please indicate how you and your lab store data: On Amazon S3	1 = on AS3; 0 = not on AS3	
LPStore_lab_repo	Please indicate how you and your lab store data: On a public repository (i.e., the Open Science Framework, GitHub)	1 = on public repo; 0 = not on public repo	
LPStore_lab_cloud	Please indicate how you and your lab store data: On cloud storage such as Dropbox, Box, etc.	1 = cloud storage; 0 = not cloud storage	
LPStore_lab_iStore	Please indicate how you and your lab store data: iStore	1 = iStore; 0 = not iStore	
LPStore_lab_iLearn	Please indicate how you and your lab store data: iLearn	1 = iLearn; 0 = not iLearn	
LPStore_lab_labNotebook	Please indicate how you and your lab store data: Lab notebook	1 = lab notebook; 0 = not lab notebook	
LPStore_lab_other	Please indicate how you and your lab store data: On another form of data sharing	1 = other form; 0 = not another form	
LPStore_lab_otherText	Response to "Other"	Open-ended format	
LPArchives_datasets	My lab archives earlier versions of the following (check all that apply): Datasets	1 = checked response; 0 = not checked response	
LPArchives_labMaterials	My lab archives earlier versions of the following (check all that apply): Lab materials	1 = checked response; 0 = not checked response	
LPArchives_manuscriptDrafts	My lab archives earlier versions of the following (check all that apply): Manuscript drafts	1 = checked response; 0 = not checked response	
LPArchives_none	My lab archives earlier versions of the following (check all that apply): None of the above	1 = checked response; 0 = not checked response	
Previous RCR Training (prevRCR)			
prevRCRElements_dataCollection	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Activities related to the collection and handling of data.	1 = checked response; 0 = not checked response	
prevRCRElements_dataArchiving	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Archiving data	1 = checked response; 0 = not checked response	
prevRCRElements_authorship	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Decisions related to who becomes an author and the order of authors	1 = checked response; 0 = not checked response	
prevRCRElements_mentorship	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: A professional relationship between mentors and mentees	1 = checked response; 0 = not checked response	
prevRCRElements_conflictInterest	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Disclosure of financial conflicts and awareness of other biasing conflicts	1 = checked response; 0 = not checked response	
prevRCRElements_researchMisconduct	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Research misconduct: Fabrication of data, falsifying results, and plagiarism	1 = checked response; 0 = not checked response	
prevRCRElements_reviewing	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Review of grants and manuscripts	1 = checked response; 0 = not checked response	
prevRCRElements_collaboration	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: How to work with other researchers	1 = checked response; 0 = not checked response	
prevRCRElements_dissemination	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research)	1 = checked response; 0 = not checked response	

	education? Please check all that apply: Public dissemination of research		
prevRCRElements_responsibleUse	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Responsible use of animals/humans/infectious agents/stem cells in research	1 = checked response; 0 = not checked response	
prevRCRElements_impact	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Awareness of the impact of your research on society	1 = checked response; 0 = not checked response	
prevRCRElements_dataSharing	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Access to and sharing of process and generated data/materials underlying reported results	1 = checked response; 0 = not checked response	
prevRCRElements_timeManagement	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Time management	1 = checked response; 0 = not checked response	
prevRCRElements_stressManagement	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply: Stress management	1 = checked response; 0 = not checked response	
prevRCRElements_other	As you understand it, what are the elements of research ethics/RCR (Responsible Conduct of Research) education? Please check all that apply.: Other	1 = checked response; 0 = not checked response	
prevRCRElements_otherText	Response to "Other" RCR elements	Open-ended response	
prevRCR_YesNo	Have you had prior training in research ethics/RCR?	1 = yes; 0 = no	
prevRCR_online	How was that training delivered? Please check all that apply.: Online Tutorial	1 = checked response; 0 = not checked response	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_course	How was that training delivered? Please check all that apply.: Formal coruse	1 = checked response; 0 = not checked response	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_seminarSeries	How was that training delivered? Please check all that apply.: Seminar series	1 = checked response; 0 = not checked response	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_lecture	How was that training delivered? Please check all that apply.: Lecture	1 = checked response; 0 = not checked response	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_brownBag	How was that training delivered? Please check all that apply.: Brown bag lunch	1 = checked response; 0 = not checked response	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_informalConversations	How was that training delivered? Please check all that apply.: Informal conversations	1 = checked response; 0 = not checked response	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_other	How was that training delivered? Please check all that apply.: Other	1 = checked response; 0 = not checked response	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_otherText	Response to "Other" for RCR prior training type	Open-ended response	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_duration	What was the total duration of that training?	1 = up to 2 hours; 2 = 3-5 hours; 3 = 6-10 hours; 4 = 11-15 hours; 5 = more than 15 hours	only delivered if chose 'yes' for RCRpriorTrainingYesNo
prevRCR_timeSince	How long ago was your most recent training?	1 = less than 6 months ago; 2 = 7-12 months ago; 3 = 1-2 years ago; 4 = 3-5 years ago; 5 = more than 5 years ago	only delivered if chose 'yes' for RCRpriorTrainingYesNo
Authorship Policy (AP)			
authorPolicy_YesNo	Does your lab have an established authorship plan governing the assignment and order of authors for manuscripts?	1 = yes; 0 = no	
APInvolved_YesNo	Where you involved in the drafting of the authorship plan?	1 = yes; 0 = no	only delivered if chose 'yes' for authorPolicy_YesNo
AP_understand	To what extent do you understand how your lab's authorship plan works in practice?	1 = I don't understand at all; 2 = I understand very little; 3 = I understand a little; 4 = I understand a lot; 5 = I mostly understand	only delivered if chose 'yes' for authorPolicy_YesNo
AP_agree	To what extent do you agree with the authorship plan in your lab?	1 = Strongly Disagree; 2 = Disagree; 3 = Neither Agree nor Disagree; 4 = Agree; 5 = Strong Agree	only delivered if chose 'yes' for authorPolicy_YesNo

AP_improved	To what extent do you feel your lab's authorship plan could be improved?	1 = It could be completely reworked; 2 = It could be improved a lot; 3 = it could be a little improved; 4 = it could be improved very slightly; 5 = it couldn't be improved at all	only delivered if chose 'yes' for authorPolicy_YesNo
AP_improvedText	If you chose any response that indicates a need for improvement, please explain how you think the plan could be improved.	Open-ended response	only delivered if chose 'yes' for authorPolicy_YesNo and if 'it couldn't be improved at all' was not selected for AP_improved
AP_practiceYesNo	Have you seen the authorship plan put into practice?	1 = yes; 0 = no	only delivered if chose 'yes' for authorPolicy_YesNo
AP_practiceText	If yes, how exactly has it been put in practice?	Open-ended response	only delivered if chose 'yes' for authorPolicy_YesNo and if chose "yes' for AP_practiceYesNo
AP_orderYesNo	Have you ever asked that the authorship order be review based on the authorship plan?	1 = yes; 0 = no	only delivered if chose 'yes' for authorPolicy_YesNo
AP_disagreements	How often are there disagreements in your lab about authorship?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Often; 5 = Very often	
AP_disagreeResolve	Does the authorship plan resolve authorship disagreements in your lab?	1 = Never; 2 = Rarely; 3 = Sometimes; 4 = Occasionally; 5 = Usually	only delivered if chose 'yes' for authorPolicy_YesNo and if 'never' is **not** selected for AP_disagreements
AP_disagreeChallenger_lm	How comfortable or uncomfortable do you feel challenging the authorship plan in your lab?	1 = extremely uncomfortable; 2 = a little uncomfortable; 3 = Neither comfortable nor uncomfortable; 4 = a little comfortable; 5 = extremely comfortable	only delivered if chose 'yes' for authorPolicy_YesNo and if 'Primary Investigator' is **not** chosen for LabPosition
AP_disagreeChallenged_pi	How comfortable or uncomfortable do you feel being challenged on the authorship plan?	1 = extremely uncomfortable; 2 = a little uncomfortable; 3 = Neither comfortable nor uncomfortable; 4 = a little comfortable; 5 = extremely comfortable	only delivered if chose 'yes' for authorPolicy_YesNo and if 'Primary Investigator' is chosen for LabPosition
AP_contributionTrackText	How exactly does your lab keep track of each individuals' contributions to a collaborative lab project?	Open-ended response	only delivered if chose 'yes' for authorPolicy_YesNo
AP_understandRationale	Do you understand the rationale for having an authorship plan in your lab?	1 = I don't understand the rationale at all; 2 = I understand very little about the rationale; 3 = I somewhat understand the rationale; 4 = I understand a lot of the rationale; 5 = I mostly understand the rationale	
AP_understandImportance	Do you understand the importance for having an authorship plan in your lab?	1 = I don't understand the importance at all; 2 = I understand very little about the importance; 3 = I somewhat understand the importance; 4 = I understand a lot of the importance; 5 = I mostly understand the importance	
AP_understandImplications	Do you understand the implications for having an authorship plan in your lab?	1 = I don't understand the implications at all; 2 = I understand very little about the implications; 3 = I somewhat understand the implications; 4 = I understand a lot of the implications; 5 = I mostly understand the implications	
Data Management (DM)			
dataManagement_YesNo	Does your lab have aa data management policy?	1 = yes; 0 = no	
DMInvolved_YesNo	Where you involved in the drafting of the data management plan/policy?	1 = yes; 0 = no	only delivered if chose 'yes' for dataManagement_YesNo
DMpractice_YesNo	Do you know how the data management plan/policy works in practice?	1 = yes; 0 = no	only delivered if chose 'yes' for dataManagement_YesNo
DM_improved	To what extent do you feel your lab's data management plan/policy could be improved?	1 = It could be completely reworked; 2 = It could be improved da lot; 3 = it	only delivered if chose 'yes' for dataManagement_YesNo

		could be a little improved; 4 = it could be improved very slightly; 5 = it couldn't be improved at all	
DM_improvedText	If you chose any responses that indicates a need for improvement, please explain how you think the plan/policy could be improved.	Open-ended responses	only delivered if chose 'yes' for dataManagement_YesNo
DM_agree	To what extent do you agree with the data management plan/policy in your lab?	1 = Strongly Disagree; 2 = Disagree; 3 = Neither Agree nor Disagree; 4 = Agree; 5 = Strong Agree	only delivered if chose 'yes' for dataManagement_YesNo
DM_practiceYesNo	Have you seen the data management plan/policy put into practice?	1 = yes; 0 = no	only delivered if chose 'yes' for dataManagement_YesNo
DM_practiceText	If yes, how exactly has it been put in practice?	Open-ended response	only delivered if chose 'yes' for dataManagement_YesNo and if chose "yes' for DM_practiceYesNo
DM_impliment	To what extent do you understand how to implement the data management plan/policy in your own work?	1 = I don't understand at all; 2 = I understand very little; 3 = I understand a little; 4 = I understand a fair amount; 5 = I mostly understand	only delivered if chose 'yes' for dataManagement_YesNo
DM_disagreements	How often are there disagreements in your lab about management?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Often; 5 = Very often	
DM_disagreeResolve	How often does the data management plan/policy resolve data management disagreements in your lab?	1 = Never; 2 = Rarely; 3 = Sometimes; 4 = Occasionally; 5 = Often	only delivered if chose 'yes' for dataManagement_YesNo and if 'never' is **not** selected for DM_disagreements
DM_follow	How compelled do you feel to follow the data management plan/policy?	1 = not compelled at all; 2 = not too compelled; 3 = Somewhat compelled; 4 = Very compelled; 5 = Extremely compelled	only delivered if chose 'yes' for dataManagement_YesNo
DM_disagreeChallenge	How comfortable or uncomfortable do you feel challenging the data management plan/policy?	1 = very uncomfortable; 2 = uncomfortable; 3 = Somewhat comfortable; 4 = comfortable; 5 = very comfortable	only delivered if chose 'yes' for dataManagement_YesNo
DM_personalPolicyText	What is your personal data management policy?	Open-ended response	
DM_understandRationale	Do you understand the rationale for having a data management plan/policy in your lab?	1 = I don't understand the rationale at all; 2 = I understand very little about the rationale; 3 = I somewhat understand the rationale; 4 = I understand a lot of the rationale; 5 = I mostly understand the rationale	
DM_understandImportance	Do you understand the importance for having a data management plan/policy in your lab?	1 = I don't understand the importance at all; 2 = I understand very little about the importance; 3 = I somewhat understand the importance; 4 = I understand a lot of the importance; 5 = I mostly understand the importance	
DM_understandImplications	Do you understand the implications for having a data management plan/policy in your lab?	1 = I don't understand the implications at all; 2 = I understand very little about the implications; 3 = I somewhat understand the implications; 4 = I understand a lot of the implications; 5 = I mostly understand the implications	
Lab Dynamics (labDyn)			
labDyn_enjoyLab	Do you enjoy working in your lab?	1 = No enjoyment at all; 2 = Not too much enjoyment; 3 = A little enjoyment; 4 = A good deal of enjoyment; 5 = A lot of enjoyment	
labDyn_workLab	How would you rate your understanding of how your work fits with your lab's larger project(s)?	1 = Very bad, 2 = Bad; 3 = Fair; 4 = Very good; 5 = Excellent	only delivered when labPosition is **not** 'primary investigator'
labDyn_workCreative	Do you get to exercise your creative abilities while working in your lab?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	

labDyn_peersResearch	Do you enjoy hearing about your peers' research?	1 = Not at all; 2 = Not too much; 3 = A little; 4 = A fair amount; 5 = A lot	only delivered when labPosition is **not** 'primary investigator'
labDyn_disagreeValid	If there was a disagreement about research practices, would lab members in your lab make reasonable points and try to make valid arguments?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	only delivered if chose did **not** choose 'yes' to genRCR_disagreements
labDyn_disagreements	How often are there disagreements in your lab about research practices?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Often; 5 = Very Often	
labDyn_researchComplicated	How much of the research in your lab is so complicated that you don't understand what is going on?	1 = Nothing; 2 = Very little of the research; 3 = Some of the research; 4 = A fair amount of the research; 5 = Everything	only delivered when labPosition is **not** 'primary investigator'
labDyn_respectUnderg	In my experience, PIs treat undergrads in my lab fairly and respectfully.	1 = Strongly Disagree; 2 = Disagree; 3 = Neither Agree nor Disagree; 4 = Agree; 5 = Strongly Agree; 6 = NA	only delivered when labPosition is **not** 'primary investigator'
labDyn_respectGrad	In my experience, PIs treat grad students in my lab fairly and respectfully.	1 = Strongly Disagree; 2 = Disagree; 3 = Neither Agree nor Disagree; 4 = Agree; 5 = Strongly Agree; 6 = NA	only delivered when labPosition is **not** 'primary investigator'
labDyn_respectPostdoc	In my experience, PIs treat post docs in my lab fairly and respectfully.	1 = Strongly Disagree; 2 = Disagree; 3 = Neither Agree nor Disagree; 4 = Agree; 5 = Strongly Agree; 6 = NA	only delivered when labPosition is **not** 'primary investigator'
labDyn_discussRespect	When discussing research with your lab, do lab members listen to one another respectfully and courteously?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
labDyn_discussUnderstand	When discussing research with your lab, do lab members seem to hear and understand your views?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
labDyn_researchOpinions	How important is it to you to hold strong opinions about research projects in your lab?	1 = Not important at all; 2 = Not too important; 3 = Somewhat important; 4 = Very important; 5 = Extremely important	
Conflict resolution relating to RCR (conflRCR)			
conflRCR_personalViews	Would you take it personally when someone disagrees with your views on ethical best practices?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
conflRCR_standGround	In the lab, would you stand your ground even if everyone else disagrees with you?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
conflRCR_justifyBelief	I am uncomfortable justifying my beliefs about ethical best practices to someone who disagrees with me.	1 = Strongly Disagree; 2 = Disagree; 3 = Neither Agree nor Disagree; 4 = Agree; 5 = Strongly Agree	
conflRCR_comfortableTalk	How comfortable or uncomfortable would you feel talking about your positions on ethical best research practices, even to someone who may disagree with you?	1 = Extremely uncomfortable; 2 = a little uncomfortable; 3 = Neither comfortable or uncomfortable; 4 = A little comfortable; 5 = Extremely comfortable	
conflRCR_remainNeutral	When discussing research within your lab, do you prefer to remain neutral about complex issues?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
conflRCR_understandOthers	How well would you be able to understand others' points of view in disagreements about ethical issues?	1 = Completely unable; 2 = A little unable; 3 = Somewhat able; 4 = Very able; 5 = Completely able	
conflRCR_Uncomfortable	Would disagreements about research practices make you feel uncomfortable?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
conflRCR_goAlong	When you're participating in discussions, do you go along with what the majority decides is best, even if it is not what you believe personally?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
conflRCR_howOften	How often does your research team schedule time to discuss ethical best research practices?	1 = Daily; 2 = Weekly; 3 = Monthly; 4 = Quarterly; 5 = Less than once a year; 6 = Yearly; 7 = Never	
Training RCR (trainRCR)			
trainRCR_qualityUderg	How would you rate the quality of the current education and training opportunities in ethical research practices for undergraduate students at your research institution?	1 = Very bad; 2 = bad; 3 = fair; 4 = good; 5 = very good; 6 = I don't know; 7 = NA	
trainRCR_qualityGrad	How would you rate the quality of the current education and training opportunities in ethical research practices for graduate students at your research institution?	1 = Very bad; 2 = bad; 3 = fair; 4 = good; 5 = very good; 6 = I don't know; 7 = NA	

trainRCR_qualityPostdoc	How would you rate the quality of the current education and training opportunities in ethical research practices for post-docs at your research institution?	1 = very bad; 2 = bad; 3 = fair; 4 = good; 5 = very good; 6 = I don't know; 7 = NA	
trainRCR_encouraged	To what extent does your supervisor or colleagues encourage you to seek out education and training in ethical best research practices?	1 = Completed discouraged; 2 = Discouraged a little; 3 = Neither discouraged or encouraged; 4 = Encouraged a little; 5 = Completely encouraged	
trainRCR_deptActive_underg	In your opinion, how pro-active is your department currently in training undergraduate students in ethical research practices?	1= Not active at all; 2 = Not too active; 3 = Somewhat active; 4 = Very active; 5 = Extremely active; 6 = I don't know; 7 = N/A	
trainRCR_deptActive_grad	In your opinion, how pro-active is your department currently in training graduate students in ethical research practices?	1= Not active at all; 2 = Not too active; 3 = Somewhat active; 4 = Very active; 5 = Extremely active; 6 = I don't know; 7 = N/A	
trainRCR_deptActive_postdoc	In your opinion, how pro-active is your department currently in training postdocs in ethical research practices?	1= Not active at all; 2 = Not too active; 3 = Somewhat active; 4 = Very active; 5 = Extremely active; 6 = I don't know; 7 = N/A	
General RCR (genRCR)			
genRCR_convoResponsibility	To what extent do you agree that seeking out others in your lab to discuss ethical research practices in your responsibility as a scientist?	1 = Strongly Disagree; 2 = Disagree; 3 = Neither Agree nor Disagree; 4 = Agree; 5 = Strongly Agree	
genRCR_relevant	How relevant to your area of work is learning about ethical research practices?	1 = Completely irrelevant; 2 = A little irrelevant; 3 = Somewhat relevant; 4 = A little relevant; 5 = Completely relevant	
genRCR_profDev_underg	In your opinion, how important to undergraduates' professional development is learning about ethical research best practice?	1 = Not important at all; 2 = Not too important; 3 = Very important; 4 = Extremely important; 5 = NA	
genRCR_profDev_grad	In your opinion, how important to graduate students' professional development is learning about ethical research best practice?	1 = Not important at all; 2 = Not too important; 3 = Very important; 4 = Extremely important; 5 = NA	
genRCR_prof_Dev_postdoc	In your opinion, how important to post-docs' professional development is learning about ethical research best practice?	1 = Not important at all; 2 = Not too important; 3 = Very important; 4 = Extremely important; 5 = NA	
genRCR_opinionsQuantity	How many things related to ethical research practices would you say you have opinions about?	1 = None at all; 2 = Very few; 3 = A fair amount; 4 = A lot; 5 = Almost everything	
genRCR_coworkersCare	How much would you say your lab co-workers care about what you think regarding research projects in your lab?	1 = They don't care at all; 2 = They mostly don't care; 3 = They care a little; 4 = They care most of the time; 5 = They always care	only delivered when labPosition is **not** 'primary investigator'
genRCR_coworkersPractice	How confident are you that your lab co-workers will use ethical research practices when conducting research?	1 = Not confident at all; 2 = Not too confident; 3 = Somewhat confident; 4 = Very confident; 5 = Extremely confident	
genRCR_facultyDiscussions	How committed are faculty in your department to regular discussions with students about ethical research practices?	1 = Not committed at all; 2 = Not too committed; 3 = Somewhat committed; 4 = Very committed; 5 = Extremely committed; 6 = I don't know	
genRCR_challengeInformed	How informed are you about challenges students encounter regarding ethical research practices?	1 = not informed at all; 2 = not too informed; 3 = somewhat informed; 4 = Very informed; 5 = Extremely informed	
genRCR_importantArchive_dataset	How important to your lab is archiving records of earlier version of datasets?	1 = Not at all important; 2 = Not too important; 3 = Somewhat important; 4 = Very important; 5 = Extremely important	
genRCR_importantArchive_manuscript	How important to your lab is archiving records of earlier version of manuscript drafts?	1 = Not at all important; 2 = Not too important; 3 = Somewhat important; 4 = Very important; 5 = Extremely important	

genRCR_importantArchive_materials	How important to your lab is archiving records of earlier version of lab materials?	1 = Not at all important; 2 = Not too important; 3 = Somewhat important; 4 = Very important; 5 = Extremely important	
genRCR_Ecopies	How worthwhile is it to maintain electronic copies of lab materials and methods?	1 = Not worthwhile at all; 2 = Not too worthwhile; 3 = Somewhat worthwhile; 4 = Very worthwhile; 5 = Extremely worthwhile	
genRCR_openData_YesNo	Is making data publicly available regarded as standard practice in your lab?	1 = Yes; 0 = No	
genRCR_contribuSystem_YesNo	Does your lab have a system for maintaining records of individual contributions to a lab project?	1 = Yes; 0 = No	
genRCR_discussChangedViews	Have you changed your views about ethical research practices based on discussion within your lab?	1 = My views haven't changed at all; 2 = My views have changed too much: 3 = My views have changed a little; 4 = My views have changed a fair amount; 5 = My views have changed a lot	
genRCR_discussDominate	When discussing research with your lab, does everyone have a real opportunity to speak with no one inappropriately dominating the discussions?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always; 6 = NA	
genRCR_specialSkills	How often does the research conducted in your lab call for specialized skills and knowledge that you don't fully understand?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
genRCR_contributionSystemText	How exactly does your lab keep track of individual contribution to a lab project?	Open-ended response	
genRCR_discussDeptResp	To what extent do you agree that seeking others in your department to discuss ethical research practice is your responsibility as a scientist?	1 = Strongly Disagree; 2 = Disagree; 3 = Neither Agree nor Disagree; 4 = Agree; 5 = Strongly Agree	
genRCR_discussOtherLabs	Do you have discussions with members of other labs regarding ethical research practices?	1 = Never; 2 = Rarely; 3 = Occasionally; 4 = Usually; 5 = Always	
genRCR_openMat_YesNo	Is making materials publicly available as a part of the publication process regarded as standard practice in your lab?	1 = Yes; 0 = No	
surveyFeedback	Please provide any comments or suggestions you may have regarding this survey.	Open-ended response	