

Stakeholder Analysis - Data Champions Forum May 2018

Stakeholder	Why RDM is of value to this stakeholder	Objection by this stakeholder	Response to this objection
PhD students	<p>Example: Protection against loss of work eg: on a stolen laptop</p> <ul style="list-style-type: none"> ● Keep their work safe, organised, documented: ● Be more efficient. ● Ease of reference when writing up ● Ensures data is backed up. ● Can demonstrate their skill sin RDM. ● Can demonstrate their skill in ethically managing sensitive data ● Can build a reputation of being organised. ● Can get their work published quickly. ● Other people could easily navigate and reuse it. 	<ol style="list-style-type: none"> 1. I don't have time for this! My PhD is too short to deal with this additional work. As long as I produce publications and a thesis I will be fine. 2. I know my own data and can navigate it it without any problems. 3. I know my data, you don't. 4. Time cost: Backing up 5. Monetary cost: Have to pay for service base,need to buy my own external hard drive 6. I don't understand data management. 7. It is my own project. I am the only one doing this research and I'm happy with it. Why should I do anything differently? 	<ol style="list-style-type: none"> 1. Publishers will require data deposition. Also, will you be able to access the correct file later on? 2. You may know your data now, but not in 6 months time after working on different chapters. 3. But someone else might need to access it. 4. In the long run it will save you time. Just book yourself some time regularly to do this. 5. X 6. X 7. X
PostDocs	<ul style="list-style-type: none"> ● Can write data management plans for grants more effectively. 	<ol style="list-style-type: none"> 1. My CV needs publications not a data management plan. 	<ol style="list-style-type: none"> 1. Better data management leads to quicker and more

		<ol style="list-style-type: none"> 2. I am being employed to do research, not manage data! 3. I know my data and I am an intelligent human being. I don't need this. 	<p>publications. Funders now give credit for things other than publications. Funders also require it.</p> <ol style="list-style-type: none"> 2. Research is data. If you do not manage it, you will not know if you have got the information to adequately answer your research question! 3. X
Early Career Researchers	<ul style="list-style-type: none"> ● Easier collaboration with others. ● Recovery of lost data. ● Reproducibility. ● Contribution to new ideas. ● Easier publication and funding. ● Additional publication: data journals. 	<ol style="list-style-type: none"> 1. I don't have time for this - it is too demanding and I have so many other things to do. 2. I don't know where to start. It seems too complex and don't have any help. 3. I don't know how to store or share data. 4. I don't want to share my data. This dataset will provide the basis for my entire career. It is nobody's business but mine. People can read my papers if they want to know about this data. 5. I have a good memory. No need to record everything. 6. Lack of time. 7. I have not had enough experience of RDM so I am a bit unsure about its benefit. 8. Unwilling to share data. 	<ol style="list-style-type: none"> 1. Good RDM saves time. 2. Ask DCs or the data team for help. 3. Not knowing is not a reason for not doing. You will feel much better once your data is in many places. 4. Firstly, RDM isn't just about data sharing - you can do selfish RDM to benefit yourself. Secondly, research should be testable, repeatable - open data helps data integrity and rigorous scientific method. 5. But what if you are not here to ask? 6. You will save time in the end because you don't have to search for everything. Consider it an investment. Make it a habit like tidying

			<p>your room.</p> <p>7. X</p> <p>8. X</p>
Principal Investigators	<ul style="list-style-type: none"> ● Long-term retention of data. ● Reproducibility. ● Reverting to data to check for problems in old papers. ● Request for data sharing. ● Compliance with funding agencies. ● Minimising repeating work. ● Ability to do meta-analysis / sharing with other labs for larger-scale study. ● Journal requirements. 	<ol style="list-style-type: none"> 1. It is a waste of time for a highly trained person as you! You are a very expensive workforce and the tax money is just being used to pay you for doing copies of work that is interesting only for you and maximum six other people. 2. Stop giving me more admin to do. 3. My data can't be shared as it is clinical/personal information. 4. The data files are binary and can be read only by a program that no one else has. 5. Time 6. Cost 7. Fear of scooping 8. The data files 	<ol style="list-style-type: none"> 1. It will be of interest not only to me but my whole team (which is more than 6 people). It will ultimately improve the quality of our data and the research output - better papers, better grants, better REF result. 2. Delegate - use central services. 3. Anonymise it. Separate out PIDs from data. 4. X 5. X 6. X 7. X 8. X
Undergraduate students	<ul style="list-style-type: none"> ● Personal benefit of organised data. Reduced risk of loss or theft of data that might directly influence final grades/examination scores. ● Contributes to the data security of the research group they might be a temporary member of. 	<ol style="list-style-type: none"> 1. I am only a temporary member of my research group so it is not my problem. 2. I just don't have the time to think about that, I just want to get my degree. 3. I am very careful with my laptop, it is all backed up in the cloud so I am not worried. 	<ol style="list-style-type: none"> 1. But other people might use that data. 2. Corrections and repeating might take more time before you get your degree. Your reputation as a scientific and responsible person. 3. Sensible data!!! If you get hacked...

		4. I am an undergraduate. I don't do research!	4. X
Masters students	<ul style="list-style-type: none"> • Funders require it if you are engaged in research. • Good foundation for further studies. • Good foundation for becoming an academic. • Speed & efficiency: time is precious to waste time looking for files. • Protection against loss of data. 	<ol style="list-style-type: none"> 1. I work with personal/sensitive data so I couldn't possibly put it anywhere but my desk drawer (or at least that's what my superior says). 2. I don't have any data. 	<ol style="list-style-type: none"> 1. It is unsafe to store such data in your desk drawer. It could be stolen or it could be forgotten as soon as you leave. 2. Are you sure you don't have any data?.Also, other people have data and you need to ensure that it is safe if you use it.
University Administration	<ul style="list-style-type: none"> • Data organization. • Improvements upon Excel spreadsheet • Presenting data better. 	<ol style="list-style-type: none"> 1. It takes too much time. 2. Excel is easy to use and everyone has it. 3. I bet is is expensive. 4. They might have to learn new things and not use their old practices. 5. Shouldn't you spend your time collecting data to publishing? 6. They do not want to be subjected to new procedures. 7. What's wrong with excel? 8. I can't learn new computer programmes. 9. I have done it this way for years. 	<ol style="list-style-type: none"> 1. It is time well spent. Saved in the long run. 2. Excel has limited scope and capacity. 3. It is money well invested. 4. It saves time, it is a good investment, it is a fundamental aspect of research. 5. X 6. X 7. X 8. X 9. X
University committee structure	<ul style="list-style-type: none"> • Better understanding of the issues in RDM. • Unification of best practice across 	<ol style="list-style-type: none"> 1. What is the benefit to me? 2. Cost in terms of time and money 	<ol style="list-style-type: none"> 1. (depends on committee!) Consider the risk to the university of lost data, plus

	the University.	3. Waste of my time	the time and money wasted trying to get lost data back. 2. X 3. X
Vice Chancellor		1. Costs 2. Makes research slower (too much red tape) 3. Is it necessary? 4. Isn't it the funders' job?	1. Legal protection - ethics/data privacy laws. More efficient use of data resources. 2. X 3. X 4. X
Funders	<ul style="list-style-type: none"> • Reproducibility and proof of work. • Value for money by not re-acquiring the same data. 	1. I don't want my money to fund somebody else's work. 2. Only a Professor in X will be able to understand my data anyway. 3. Data Management plans take too long to write! 4. They would not acknowledge my funding. 5. Experiments are irreproducible anyway, why care managing data? 6. It is not novel to store and manage data.	1. The dataset will be released under a license that requires appropriate acknowledgement = re-use will increase impact, visibility of what you have funded, your organisation. 2. There should be many professors in your field and if there is proper RDM in place you are likely to increase value for money because others will build on work you have funded already. 3. It will take much longer to recover lost data/troubleshoot. 4. X 5. Individual studies can be merged in meta analysis to increase significance. 6. Then don't take our money.

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