

Online Supplemental Table 4. Survey questions with their responses.

Survey Question	Response Type/Options																																				
1. Your name (optional)	[Free text]																																				
2. The organisation where you work (optional)	[Free text]																																				
3. The industry you work in	<input type="radio"/> HealthCare Provider <input type="radio"/> Academia <input type="radio"/> Technology & Artificial Intelligence <input type="radio"/> Regulation <input type="radio"/> Pharmaceutical Industry <input type="radio"/> Other (please specify) [Free text]																																				
4. How do you make use of health care data in your role?	[Free text]																																				
5. Do you believe these dimensions and rating represented above are useful measures of data utility? Please leave any comments below.	[Free text]																																				
6. Please indicate your thoughts on the importance of each dimension of the data documentation score	<table border="1"> <thead> <tr> <th></th> <th>Useless</th> <th>Not Important</th> <th>Unsure /Impartial</th> <th>Important</th> <th>Very Important</th> </tr> </thead> <tbody> <tr> <td>Document Quality</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Data Dictionary</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Additional Documentation and Support</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Data Model</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Provenance</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>		Useless	Not Important	Unsure /Impartial	Important	Very Important	Document Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Data Dictionary	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Additional Documentation and Support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Data Model	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Provenance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Useless	Not Important	Unsure /Impartial	Important	Very Important																																
Document Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Data Dictionary	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Additional Documentation and Support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Data Model	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Provenance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
7. About the Weighted Data Documentation score: The weighted data documentation score measures the completeness and quality of the metadata describing the dataset. The score, from 0-100, represent the percentage of metadata fields that are complete and meet the quality requirements. The completeness and quality score for each field of the metadata will be "weighted" based on the comparative utility or usefulness of each of the fields contained in the metadata. If you are interested in finding out more about the weighted data documentation score and contributing your thoughts to the weightings, please follow the link to this short (approx 3 mins) supplementary survey: https://www.surveymonkey.co.uk/r/HDRUK_Data_Documentation_Score General thoughts can be left below.	[Free text]																																				
8. Above are other dimensions considered, but not included in this proposed framework. Please include any thoughts or comments below.	[Free text]																																				
9. Do you believe these dimensions and rating represented above are useful measures of data utility? Please leave any comments below.	[Free text]																																				

10. Please indicate the importance of each of the dimensions in the technical quality score	<table border="1"> <thead> <tr> <th></th> <th>Useless</th> <th>Not Important</th> <th>Unsure /Impartial</th> <th>Important</th> <th>Very Important</th> </tr> </thead> <tbody> <tr> <td>Data Quality Management Process</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>		Useless	Not Important	Unsure /Impartial	Important	Very Important	Data Quality Management Process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																								
	Useless	Not Important	Unsure /Impartial	Important	Very Important																																
Data Quality Management Process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
11. In addition to this measure, another project within HDRUK is looking to develop tools to measure datasets against the six quality measures developed by the DAMA UK Working Group (as per above). These will be released at a later stage and incorporated into the overall measurements associated with the data utility framework. Please include any thoughts or comments below.	[Free text]																																				
12. Do you believe these dimensions and rating represented above are useful measures of data utility? Please leave any comments below.	[Free text]																																				
13. Please indicate your thoughts on the importance of this dimension	<table border="1"> <thead> <tr> <th></th> <th>Useless</th> <th>Not Important</th> <th>Unsure /Impartial</th> <th>Important</th> <th>Very Important</th> </tr> </thead> <tbody> <tr> <td>Pathway Coverage</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Length of Follow up</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>		Useless	Not Important	Unsure /Impartial	Important	Very Important	Pathway Coverage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Length of Follow up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																		
	Useless	Not Important	Unsure /Impartial	Important	Very Important																																
Pathway Coverage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Length of Follow up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
14. Above are other dimensions considered, but not included in this proposed framework. Please include any thoughts or comments below.	[Free text]																																				
15. Do you believe these dimensions and rating represented above are useful measures of data utility? Please leave any comments below.	[Free text]																																				
16. Please indicate your thoughts on the importance of these dimensions	<table border="1"> <thead> <tr> <th></th> <th>Useless</th> <th>Not Important</th> <th>Unsure /Impartial</th> <th>Important</th> <th>Very Important</th> </tr> </thead> <tbody> <tr> <td>Allowable uses</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Research Environment</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Format</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Access and Approvals</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Timeliness</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>		Useless	Not Important	Unsure /Impartial	Important	Very Important	Allowable uses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Research Environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Format	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Access and Approvals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Timeliness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Useless	Not Important	Unsure /Impartial	Important	Very Important																																
Allowable uses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Research Environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Format	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Access and Approvals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
Timeliness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																
17. Above are other dimensions considered, but not included in this proposed framework. Please include any thoughts or comments below.	[Free text]																																				
18. Do you believe these dimensions and rating represented above are useful measures of data utility? Please leave any comments below.	[Free text]																																				

19. Please indicate your thoughts on the importance of these dimensions		Useless	Not Important	Unsure /Impartial	Important	Very Important
	Number of Access Requests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Provenance of Access Requests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Current Usage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Linkages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Data Enrichments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20. Any final comments can be added below	[Free text]					
21. OPTIONAL: If you are interested in receiving feedback on the results of the survey, you can leave your email in the box below. Note: your email address will only be used for the purposes of sending through feedback once available.	[Free text]					