1   Scenario 1

We know the Digital Object Identifier (DOI) of the article, it's hosted at openICPSR:
http://doi.org/10.3886/E100590V1

> *McKinney, Kevin L., Green, Andrew S., Vilhuber, Lars, Abowd, John M., and Abowd, John M. Replication data: Total Error and Variability Measures for QWI and LODES. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2017-12-15. https://doi.org/10.3886/E100590V1*

We note that this dataset, as all current openICPSR datasets, is licensed under a Creative Commons Attribution 4.0 International License.

1.1   DataCite

```
1  <?xml version="1.0" encoding="UTF-8"?>
   <response>
3
   <lst name="responseHeader">
5    <int name="status">0</int>
     <int name="QTime">10</int>
7  </lst>
   <result name="response" numFound="1" start="0">
9    <doc>

10      <str name="datacentre">GESIS.ICPSR - ICPSR</str>

        <str name="doi">10.3886/E100590V1</str>
12      <arr name="creator">
          <str>McKinney, Kevin L.</str>
14        <str>Green, Andrew S.</str>
          <str>Vilhuber, Lars</str>
16        <str>Abowd, John M.</str>
          <str>Abowd, John M.</str>
18      </arr>
        <arr name="title">
20        <str>Replication data: Total Error and Variability Measures
            for QWI and LODES</str>
22      </arr>

        <str name="publisher">ICPSR - Interuniversity Consortium for
24          Political and Social Research</str>
```

Reveals the identity of the `datacentre` or the `publisher`. There is no information on the license under which the object is made available, no copyright holder, or any information on persistence of the data.

1.2 re3data

If one were to successfully lookup ICPSR on re3data [3], we would find `https://www.re3data.org/repository/r3d100010255` [2]. [1] Three types of data access are listed. Furthermore, three data licenses are listed: two `other` and one `copyright`.

Data access (3)	
Type of access to data	closed
Type of access to data	open
Type of access to data	restricted
Data access restriction type(s)	other registration

Data licenses (3)	
DataLicense	other
URL	http://www.icpsr.umich.edu/icpsrweb/membership/support/faqs/2009/01/what-are-icpsrs-terms-of-use
DataLicense	other
URL	http://www.icpsr.umich.edu/files/ICPSR/access/restricted/all.pdf
DataLicense	Copyrights
URL	http://www.icpsr.umich.edu/icpsrweb/content/datamanagement/lifecycle/details.html

We would thus need to query the user about which license, and which access policy, applies to the particular dataset at hand. Note further that re3data makes no mention at all of the CC-BY license, which should, at a minimum, be an option.

1.3 Data publisher website

If instead we ignore the metadata on DataCite and re3data, and we go directly to the landing page indicated by the DOI. The page offers four types of metadata: the in-page metadata, a link to a OAI-PMH record, a link to a DDI 2.5 record, and a link to a DDI 3.1 record.

The webpage itself lacks Dublin Core (DC) metadata fields, but it does have identifiable fields for a license, using the `rel` identifier within the a link field:

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[1]To be more precise: a lookup for the contents of the `datacentre` field yields 0 results. A search for the contents of the `publisher` field yields a wrong result (<odesi>). We applied human judgment.

```
  <div class="well">
2   <p>
      <a rel="license" href="http://creativecommons.org/licenses/by/4.0/"
4        target="_blank">
        <img src="/openicpsr/resources/images/cc.png"
6          alt="Creative_Commons_License"/>
      </a>
8      This work is licensed under a <a rel="license" href="http://creativecommons.
         target="_blank">
10         Creative Commons Attribution 4.0 International License</a>.
   </p>
12   <p>openICPSR data are distributed exactly as they arrived from
         the data depositor. ICPSR has not checked or processed this
14         material. Users should consult the investigator(s) if further
         information is desired.</p>
16 </div>
```

However, no further information about persistence is provided on the page. The openICPSR FAQ contain such information, but do so somewhat obliquely, and do not point to a policy. Browsing the website, one might encounter the "Digital Preservation Policies and Planning at ICPSR" [1], which is not listed on re3data, and lays out the policies.

2 Scenario 2

Restricted access at the Panel Study of Income Dynamics (PSID).

- Access procedures at https://simba.isr.umich.edu/restricted/ProcessReq.aspx - not mentioned anywhere on re3data

- re3data page at https://www.re3data.org/repository/r3d100011131

Note that none of these are versioned, and so do not describe how authors might have accessed the data 5 years ago (e.g., on a disconnected computer in their office - no longer an option, but also not documented as having been an option in the past).

3 Scenario 3

Restricted access at the U.S. Census Bureau.