**Process description for linking data in the context of the RDC data usage:**

Four-digit-ID and year, e.g. 1234-2020 (in case of a missing assignment, the ID will be added by RDC staff)

1. **Which kind of merge is planned?**

|  |  |
| --- | --- |
| [ ]  | Requested data shall be linked with each other |
| [ ]  | Requested data shall be linked with external data |
| [x]  | Both |
|  |  |
|  |  |

1. **a) Which microdata sets from the RDC data supply shall be linked with each other?**

 Please only name products that are not already linked (e.g. microcensus panel) or that are supplied for linkage (e.g. AFiD panel and modules). Pooling of datasets of one or more statistics is not a part of the process description.

| **Consecutive number of linkage** | **Name of statistic** | **Reporting year(s)** | **Key variable(s) for linkage** | **Linkage method\*** | **Way(s) of access** |
| --- | --- | --- | --- | --- | --- |
| 1 | Business register | 2010 | Turnover Tax ID | Record Linkage | Remote execution |
| 1 | Turnover tax statistics | 2010 | Turnover Tax ID | Record Linkage | Remote execution |
|  |  |  |  | Choose an element. | Choose an element. |
|  |  |  |  | Choose an element. | Choose an element. |
|  |  |  |  | Choose an element. | Choose an element. |

**b) Which microdata shall be linked with external data based on which key variables?**

 Please list the external features under item 4

| **Consecutive number of linkage** | **Name of the statistic** | **Reporting years** | **Key feature(s) for linking** | **Linkage method\*** | **Way(s) of access** |
| --- | --- | --- | --- | --- | --- |
| 2 | Microcensus | 2000-2016 | 560UG2: District | Record Linkage | Remote execution |
| 3 | Microcensus | 2000-2016 | EF1: Federal State | Record Linkage | Remote execution |
|  |  |  |  | Choose an element. | Choose an element. |
|  |  |  |  | Choose an element. | Choose an element. |
|  |  |  |  | Choose an element. | Choose an element. |

|  |
| --- |
| **\* Explanations regarding the legal framework of allowed linkage methods** |
| Record Linkage: | Linkage of data based on unique identifiers. Linkage is possible within the legal framework at the individual level ((pseudonymised) IDs) as well as at the aggregated level (territorial units, economic sectors, occupational groups, diagnostic chapters etc.). Linkage at the individual level is usually limited to economic and environmental statistics according to section 13 (a) of the Federal Statistics Law (BStatG). |
| Statistical Matching: | Linkage of data based on similarities. Linkage is possible within the legal framework at the individual level as well as at the aggregated level. |
| Other Matching: | Further linkages at another basis (e.g. by date) |

1. **Please describe the planned linkage as precise as possible.**

**a) Purpose of linkage:**

Please click here to outline the aim/objective of your linkage (content related description)

**b) Technical procedure of linkage:**

Click here to outline every intended linkage (technical description). If a special processing of the RDC product you applied for is necessary (aggregation, harmonizing of the identification variable, pooling etc.) then please describe this as well.

1. **If external variables shall be added (see item 2b):
Please list all external variables with variable names and source reference.**

| **Consecutive number of linkage**(as per the according consecutive no. in item 2b) | **Variable name**(max. 10 characters) | **Description/variable label**(understandable/unique explanation of the variables) | **Source/Link**(complete/transparent reference) |
| --- | --- | --- | --- |
| 2 | ALQ\_KR | Unemployment rate (at district level) | [<http://www.inkar.de/>] -> Arbeitslosigkeit [Unemployment] -> Allgemein [General] |
| 2 | ErwerbsQ | Employment rate | [<http://www.inkar.de/>] -> Beschäftigung und Erwerbstätigkeit [occupation and employment] |
| 2 | EW\_Dichte | Inhabitants per sqkm (population density) | [<http://www.inkar.de/>]-> Siedlungsstruktur [settlement structure] |
| 2 | EW\_85plus | Inhabitants 85 and older (very elderly) | [<http://www.inkar.de/>] -> Bevölkerung [Population] -> Altersstruktur [age structure] |
| 2 | BIPjeEW | Gross domestic product per inhabitant | [[https://www.statistik-bw.de/VGRdL/tbls/?rev=RV2005&lang=de-DE#RV2005KR](https://www.statistik-bw.de/VGRdL/tbls/?rev=RV2005&lang=de-DE%23RV2005KR)] |
| 2 | VfEKjeEW | Available income of private households per inhabitant | [[https://www.statistik-bw.de/VGRdL/tbls/?rev=RV2005&lang=de-DE#RV2005KR](https://www.statistik-bw.de/VGRdL/tbls/?rev=RV2005&lang=de-DE%23RV2005KR)] |
| 3 | ALQ\_BL | Unemployment rate (at level of federal states) | [<http://www.inkar.de/>] -> Arbeitslosigkeit [Unemployment] -> Allgemein [General] |
| 3 | GrusiAlt\_w | Basic security at old age women | [<https://www.destatis.de/DE/ZahlenFakten/GesellschaftStaat/Soziales/Sozialleistungen/Sozialhilfe/>] |
| 3 | GrusiAlt\_m | Basic security at old age men |
| 3 | VPI | Consumer Price Index (2010=100) | [<https://www-genesis.destatis.de/genesis/online/data>, Table 6111-0010] |
| … | … | … | [LINK] |
|  |  |  |  |
|  |  |  |  |

1. **Linkage of RDC microdata and data from the Research Data and Service Centre (RDSC) of the Deutsche Bundesbank using the AFiD-Module CITID as link file.**

| **Consecutive number of linkage** | **RDC data** | **Reporting years** | **Key variable(s) for linkage**(max. 10 characters) | **Linkage with the following RDSC products**  | **Way(s) of access** |
| --- | --- | --- | --- | --- | --- |
| 4 | AFiD-panel Foreign trade statistics  | 2008-2020 | awmus, year | Microdatabase Direct investment (MiDi) | Remote execution |
|  |  |  |  |  |  |
|  |  |  |  |  |  |