

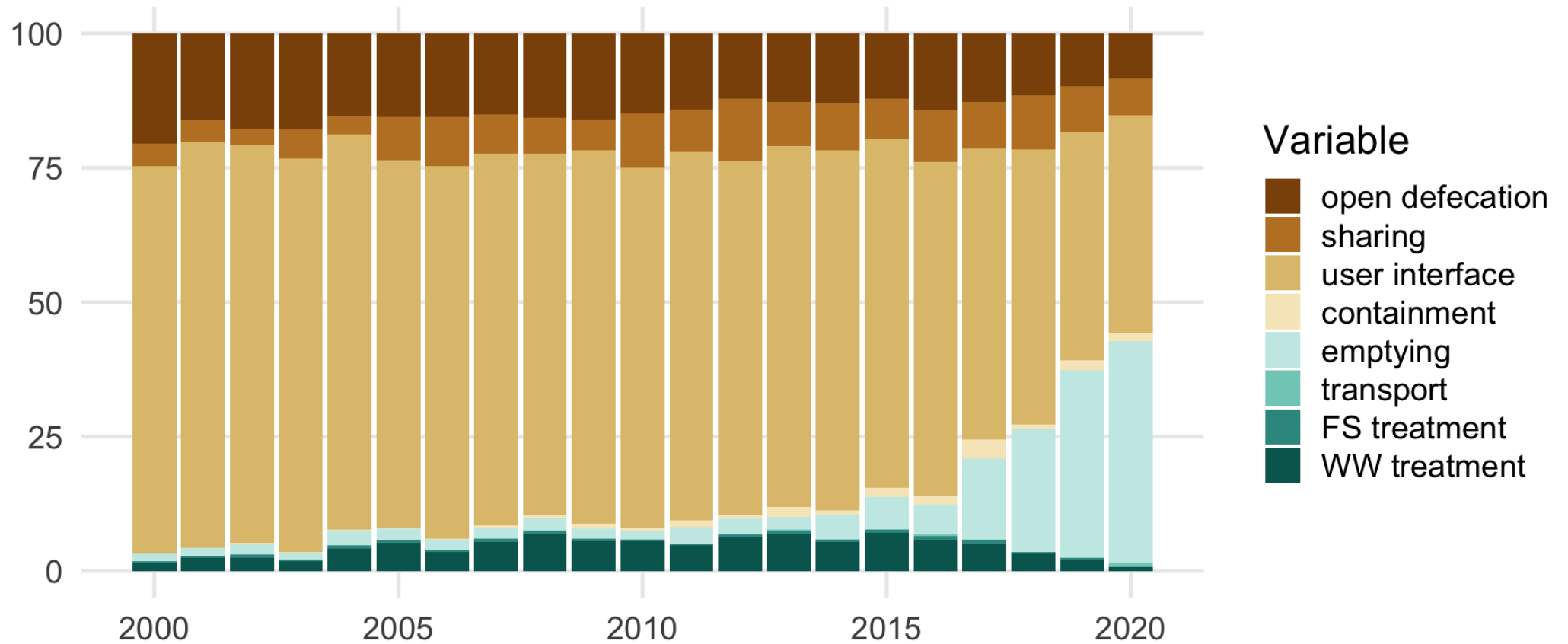
a bunch of data visualisations

created from WHO/UNICEF JMP raw data collection

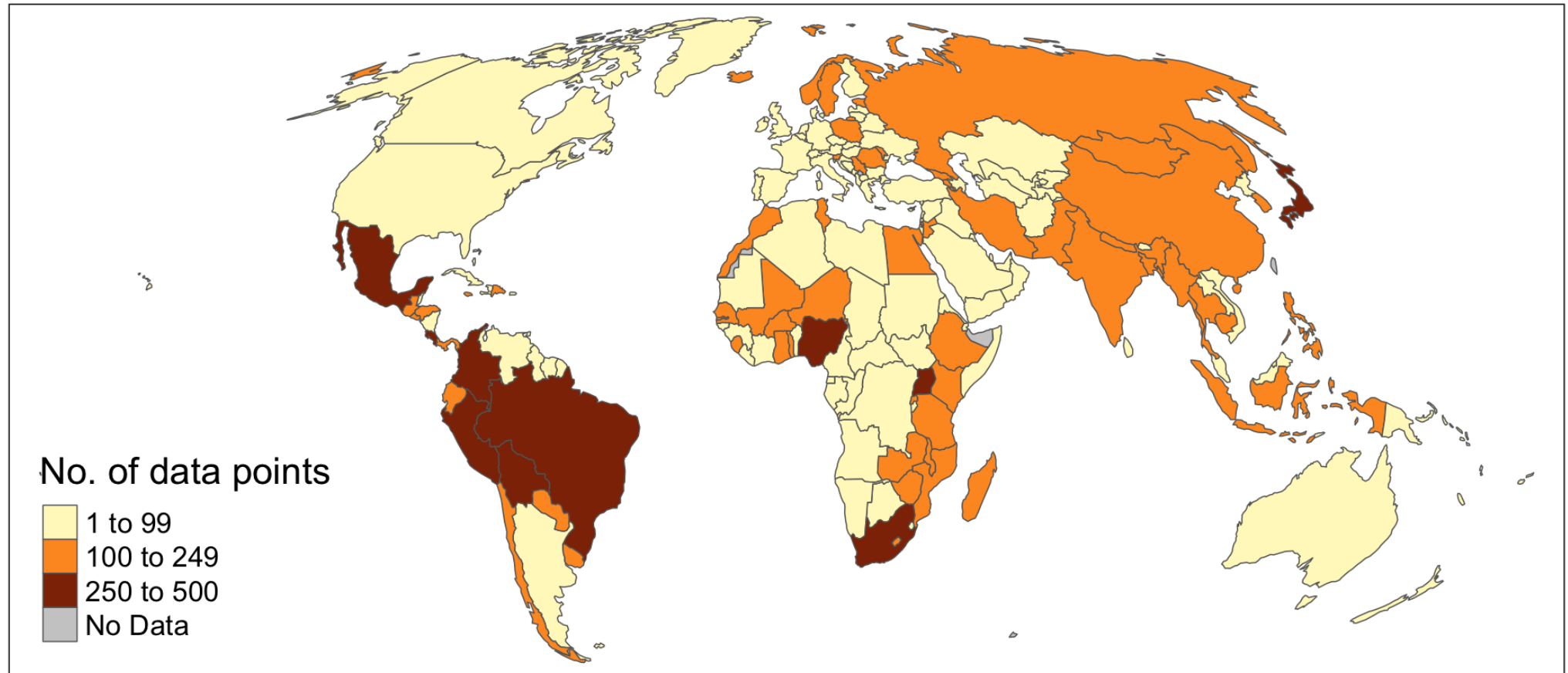
Lars Schöbitz

Proportion of data points along collected variables

For all countries since 2000

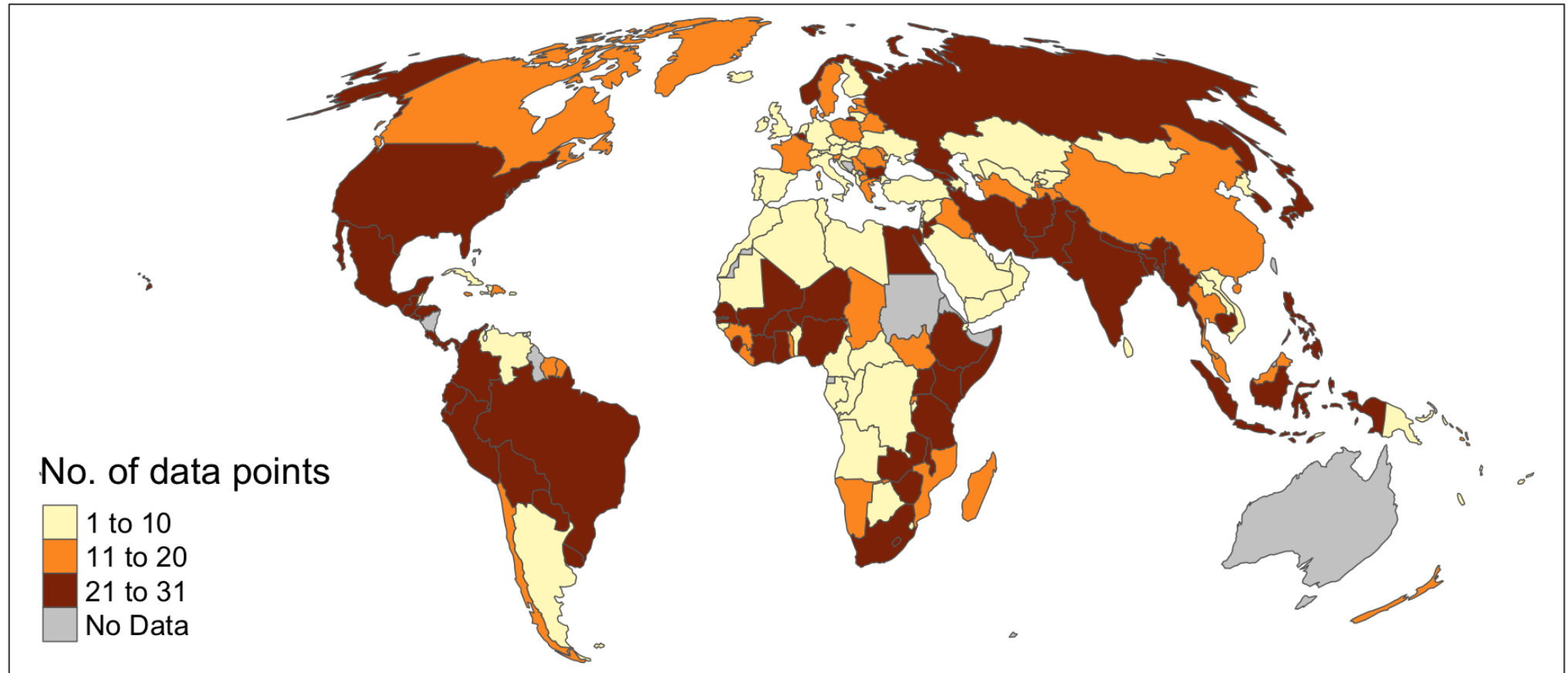


JMP raw data collection - Total number of data points since 2000



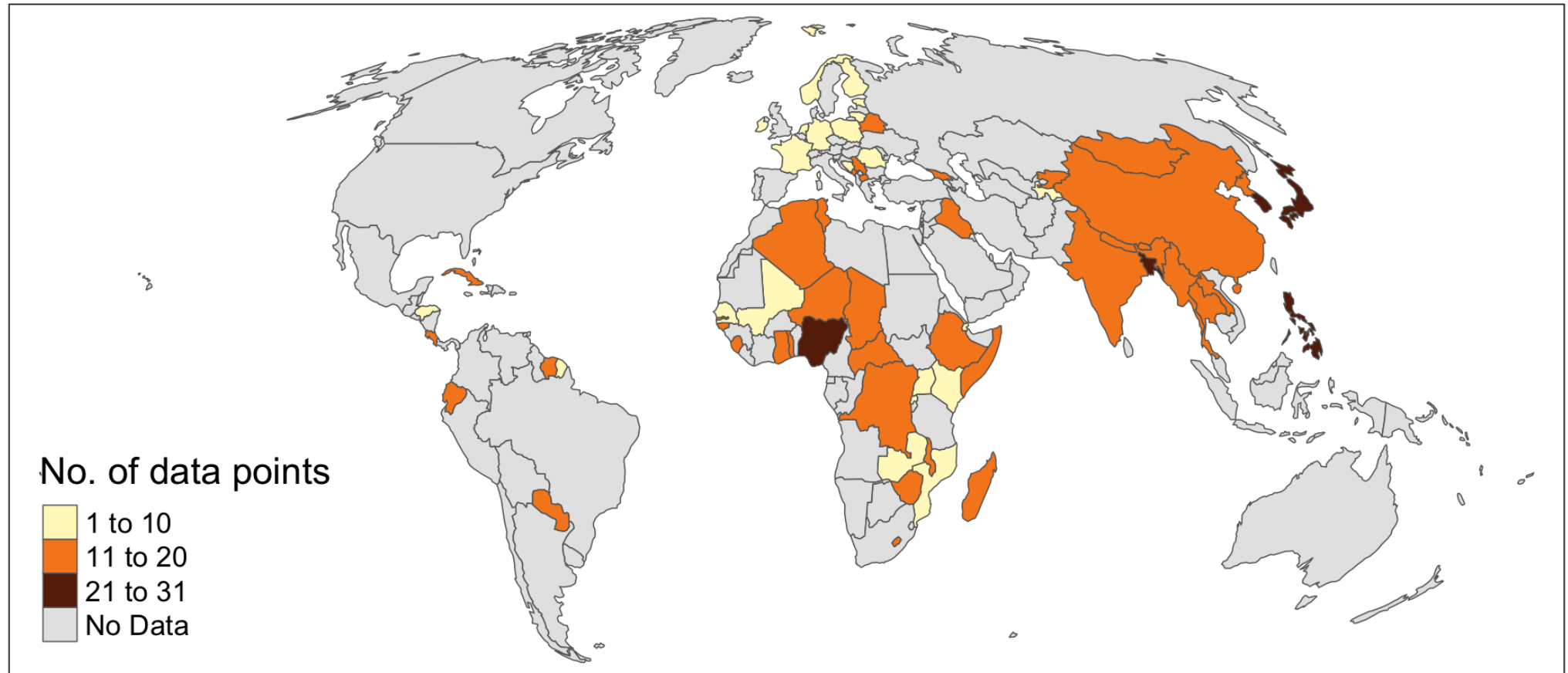
| country | n |
|--------------|-----|
| Peru | 412 |
| Mexico | 392 |
| Colombia | 364 |
| Nigeria | 332 |
| Brazil | 304 |
| Costa Rica | 302 |
| South Africa | 301 |
| Japan | 278 |
| Uganda | 265 |
| Bolivia | 256 |

JMP raw data collection - Number of data points for 'user interface' since 2015



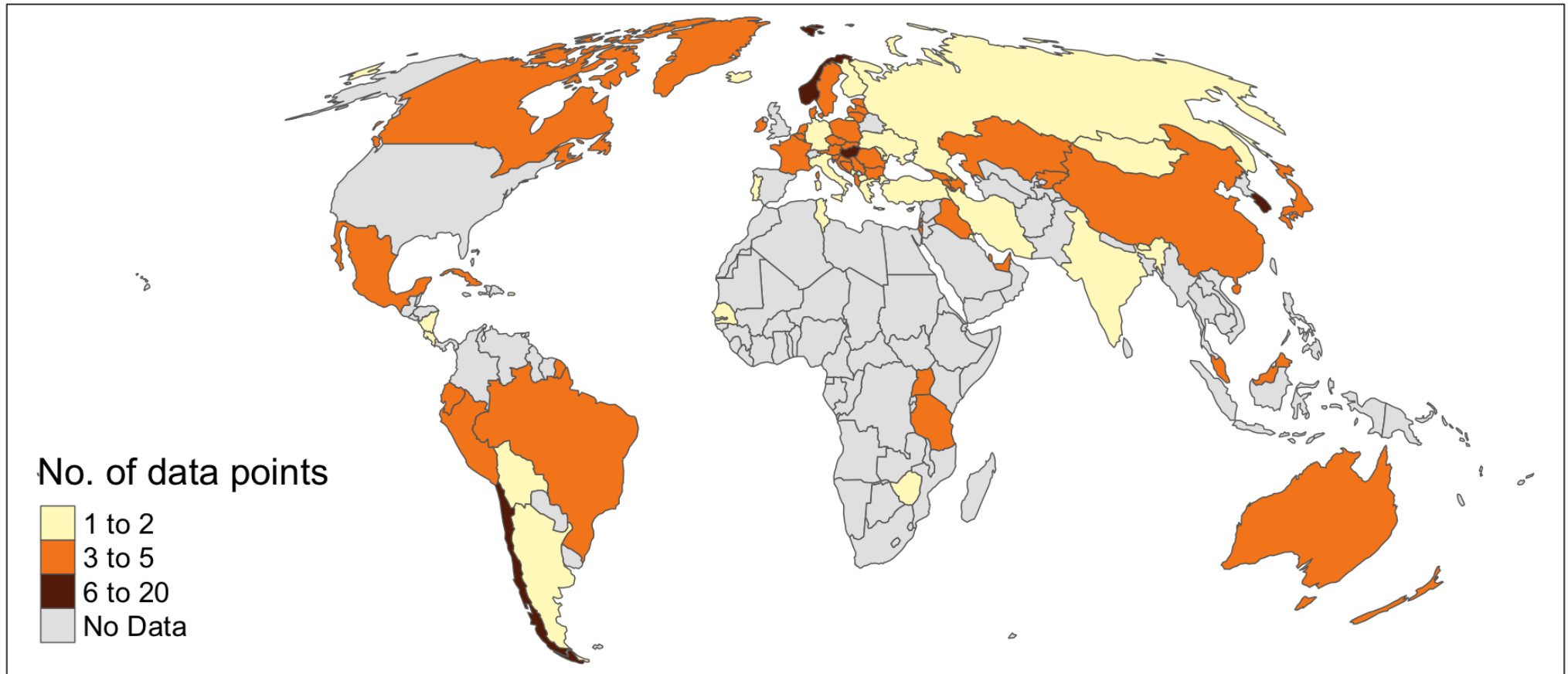
| country | n |
|--------------|-----|
| Peru | 101 |
| Colombia | 96 |
| Nigeria | 80 |
| Mexico | 79 |
| Ghana | 62 |
| Uganda | 62 |
| Costa Rica | 56 |
| Guatemala | 56 |
| South Africa | 52 |
| Bolivia | 48 |

JMP raw data collection - Number of data points for 'emptying' since 2015



| country | n |
|------------------|----------|
| Philippines | 62 |
| Nigeria | 48 |
| Bangladesh | 40 |
| Japan | 40 |
| South Korea | 32 |
| Ethiopia | 20 |
| Niger | 20 |
| Belarus | 16 |
| China | 16 |
| Congo - Kinshasa | 16 |

JMP raw data collection - Number of data points for 'wastewater treatment' since 2015



| country | n |
|---------------------|----|
| Chile | 14 |
| Hong Kong SAR China | 10 |
| South Korea | 8 |
| Macao SAR China | 8 |
| Mauritius | 8 |
| Norway | 8 |
| Hungary | 6 |
| Armenia | 5 |
| Belgium | 5 |
| Brazil | 5 |

JMP raw data collection - Number of data points for 'faecal sludge' since 2015



| country | n |
|-------------|---|
| South Korea | 8 |
| Lithuania | 5 |
| Norway | 5 |
| Japan | 3 |
| Poland | 3 |
| Bhutan | 2 |
| Austria | 1 |
| Finland | 1 |
| Iceland | 1 |

Thanks!

Data source: washdata.org R Package Development:

<https://github.com/larnsce/washr> Slides - source code:

<https://github.com/larnsce/washr/blob/master/doc/slides/slides-jmp-raw-data-package.qmd> Slides - PDF download: