**BeginCLRTI:** Registration date of the DTC belonging to a LRTI diagnosis

**EindCLRTI:** End date of the registration of the DTC belonging to a LRTI diagnosis

**CLRTI:** Variable defining a complicated LRTI, a composite variable consisting of CLRTI\_adm, CLRTI\_death and CLRTI\_cause. (0=No, 1=Yes)

**CLRTI\_adm:** Variable defining if a patient adhered to our inclusion criteria for a complicated LRTI based on an emergency department visit, with pulmonary imaging and subsequent hospital admission within 14- days. (0=No, 1=Yes)

**CLRTI\_death:** Variable defining if a patient adhered to our inclusion criteria for complicated LRTI, based on an emergency department visit, with pulmonary imaging and subsequent mortality within 14- days. (0=No, 1=Yes)

**CLRTI\_cause :** Variable defining if a patient adhered to our inclusion criteria for complicated LRTI, based on the registered cause of death being pneumonia. (0=No, 1=Yes)

**Thirtydaymortality:** Variable for the 30-day mortality, defined as when a patient has died within 30 days of the start of the DTC (BeginCLRTI), or when cause of death is registered as pneumonia (CLRTI\_cause). (0=No, 1=Yes)

**Age:**

1 = 18-49

2 = 50-59

3 = 60-69

4 = 70 – 79

5 = 80+

**Age in multivariable analyses:**

1 = 18 - 49

2 = 50 - 59

3 = 60 - 69

4 = 70 - 79

**Sex:**

1 = Male

2 = Female

**Welvaart =** SES: financial prosperity on household level based on standardized disposable annual income and standardized financial wealth shown in percentiles of the Dutch population ranging from 1% with the 1% lowest financial prosperity and 100% with the 1% highest financial prosperity.

**Welvaart\_quintiles\_reversed: Welvaart categorized into quintiles. If someone belongs to the fifth scale, this means that that person belongs to the lowest 20% of financial household prosperity in the Dutch population.**

1 = 100% - 81% (highest 20% of financial wealth)

2 = 80% - 61%

3 = 60% - 41%

4 = 40% - 21%

5 = 20% - 1% (lowest 20% of financial wealth)

**Migration background:**

1 = the Netherlands

2 = Europe (excluding the Netherlands)

3 = Turkey

4 = Morocco

5 = Suriname

6 = Former Dutch-Caribbean

7 = Indonesia

8 = Other Africa

9 = Other Asia

10 = Other America and Oceania

11 = Middle & Eastern Europe

**Household Composition (huishouden):**

1 = One-person household without children

2 = One parent household with children

3 = Couple without children

4 = Couple with children

5 = More than two-person adult household without children

6 = More than two-person adult household with children

7 = Institutional household

8 = Other household type

**Flu season (seizoen):**

13/14 🡪 First two quartiles of 2014

14/15 🡪 Quartile 3 & 4 of 2014 and quartile 1 & 2 of 2015

15/16 🡪 Quartile 3 & 4 of 2015 and quartile 1 & 2 of 2016

16/17 🡪 Quartile 3 & 4 of 2016 and quartile 1 & 2 of 2017

17/18 🡪 Quartile 3 & 4 of 2017 and quartile 1 & 2 of 2018

18/19 🡪 Quartile 3 & 4 of 2018 and quartile 1 & 2 of 2019

19/20 🡪 Quartile 3 & 4 of 2019

**Quartile of a year (kwartaal):**

1 = 1st of January – 31st of March

2 = 1st of April – 30th of June

3 = 1st of July – 30th of September

4 = 1st of October – 31st of December

**DvsnonD: Dutch vs non-Dutch with largest migrant groups specified**

1 = the Netherlands

2 = Turkey

3 = Morocco

4 = Suriname

5 = Other migration background

**Previous\_CLRTI:** Whether an individual was previously hospitalized with a complicated LRTI (0=No, 1=Yes)

**CLRTI\_in\_past\_year:** Whether an individual was previously hospitalized with a complicated LRTI within the past year (within one year from exposure) (0=No, 1=Yes)

**Years\_since\_last\_CLRTI:** The amount of years since the last complicated LRTI, in whole years.