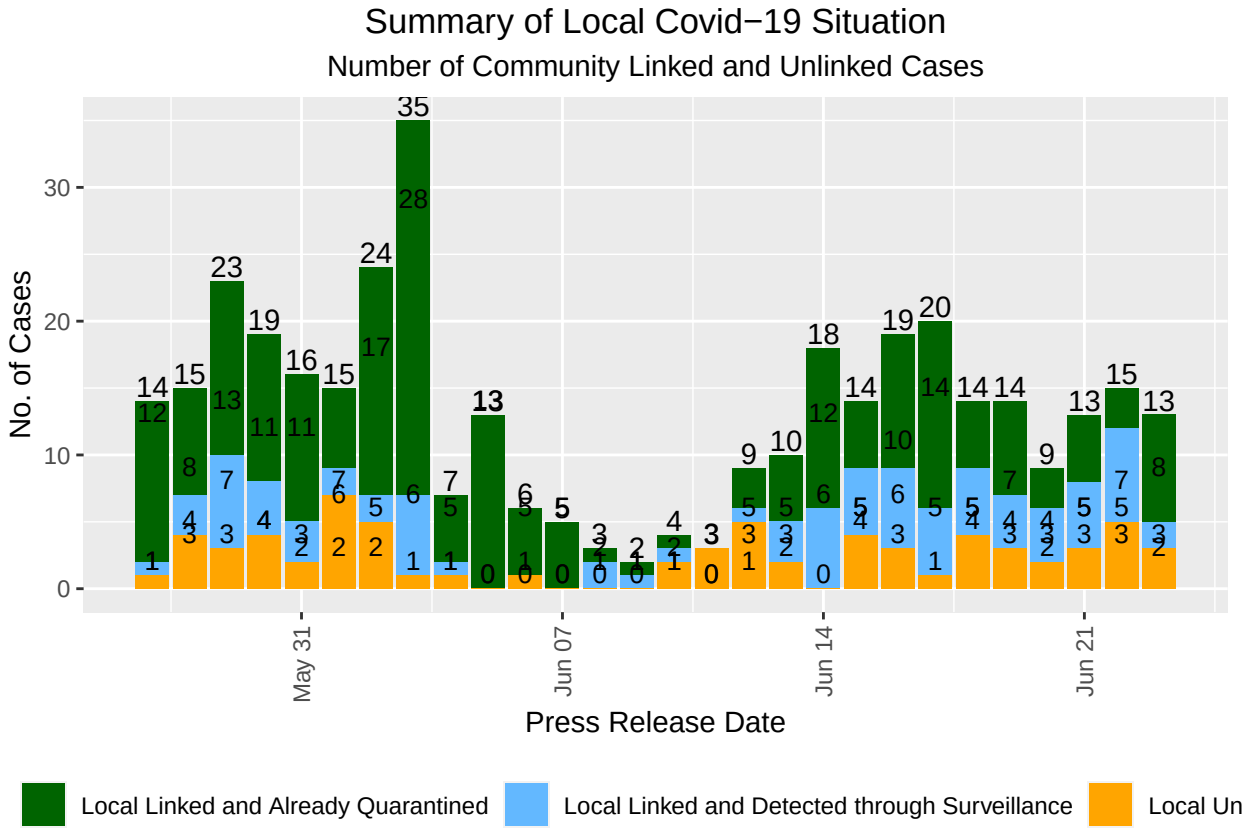
Tutorial 9 Worksheet AY 21/22 Sem 1

Covid case count

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
## v tibble  3.1.4     v dplyr   1.0.7
## v tidyr   1.1.3     v stringr 1.4.0
## v readr   2.0.1     v forcats 0.5.1
## v purrr   0.3.4
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## Rows: 28 Columns: 4
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (1): Date
## dbl (3): Quarantined, Surveillance, Unlinked
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```



Covid case deaths

```
## Rows: 185 Columns: 5
```

```
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (3): continent, location, date
## dbl (2): total_cases, total_deaths
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

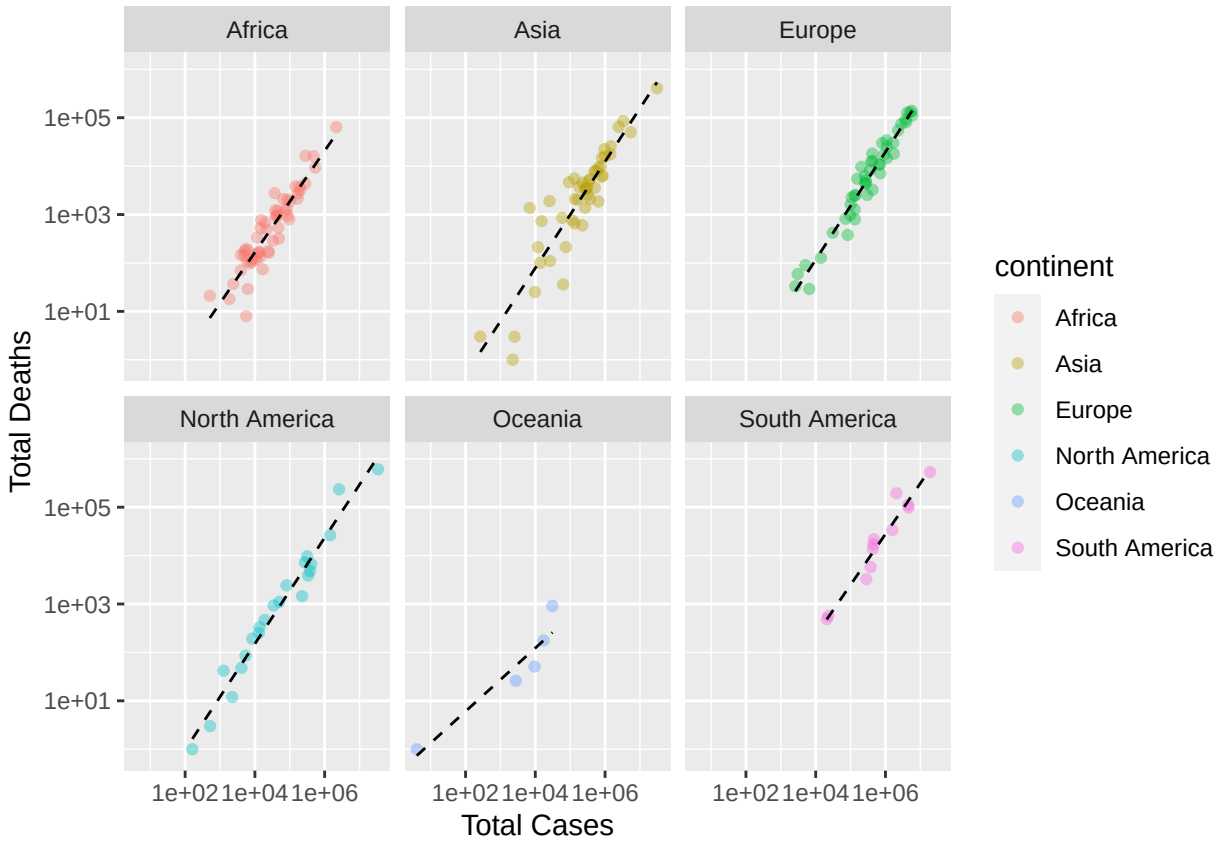
```
## # A tibble: 185 x 5
##    continent     location            date     total_cases total_deaths
##    <chr>         <chr>               <chr>          <dbl>        <dbl>
##  1 Asia          Afghanistan         9/7/2021      131586         5561
##  2 Europe        Albania             9/7/2021      132580         2456
##  3 Africa        Algeria             9/7/2021      144483         3811
##  4 Europe        Andorra             9/7/2021       14075          127
##  5 Africa        Angola              9/7/2021       39791          928
##  6 North America Antigua and Barbuda 9/7/2021        1266           42
##  7 South America Argentina           9/7/2021     4627537        98148
##  8 Asia          Armenia             9/7/2021      226135         4540
##  9 Oceania       Australia           9/7/2021       31015          910
## 10 Europe        Austria             9/7/2021      651291        10722
## # ... with 175 more rows
```

```
## Scale for 'x' is already present. Adding another scale for 'x', which will
## replace the existing scale.
```

```
## Scale for 'y' is already present. Adding another scale for 'y', which will
## replace the existing scale.
```

```
## Warning: Ignoring unknown parameters: outlier.shape
```

```
## `geom_smooth()` using formula 'y ~ x'
```


Africa
Asia
Europe
North America
Oceania
South America
Total Deaths
1e+05
1e+03
1e+01
1e+02
1e+04
1e+06
Total Cases
continent
Africa
Asia
Europe
North America
Oceania
South America