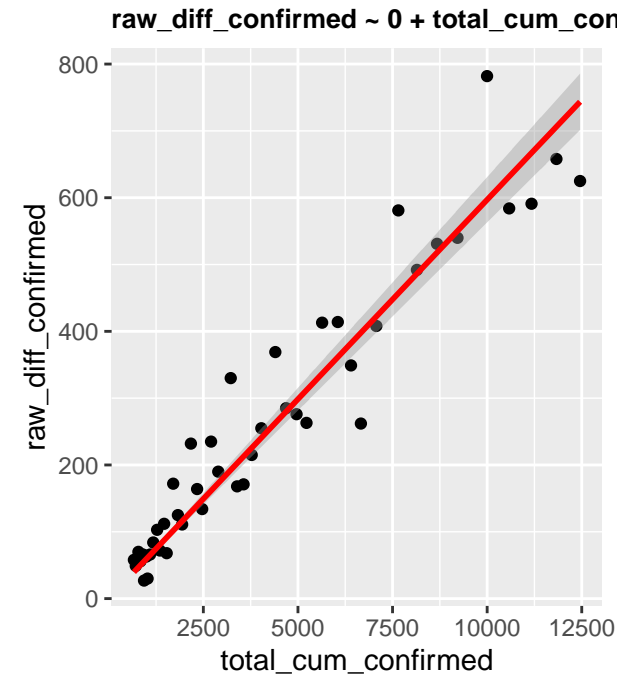
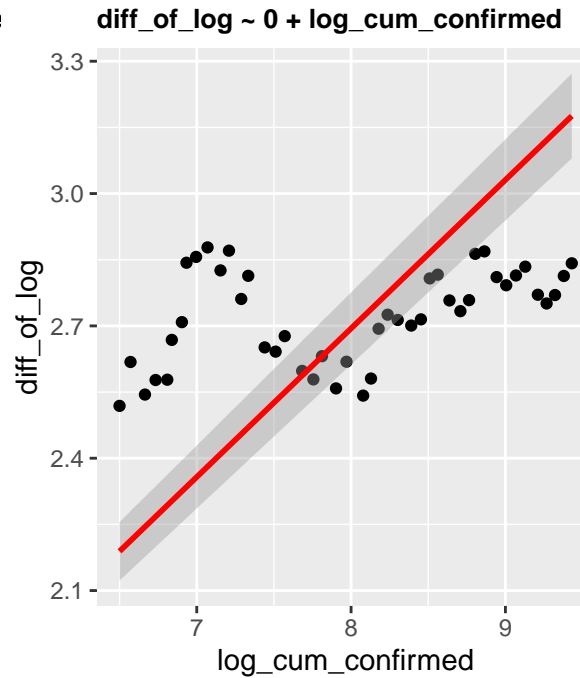
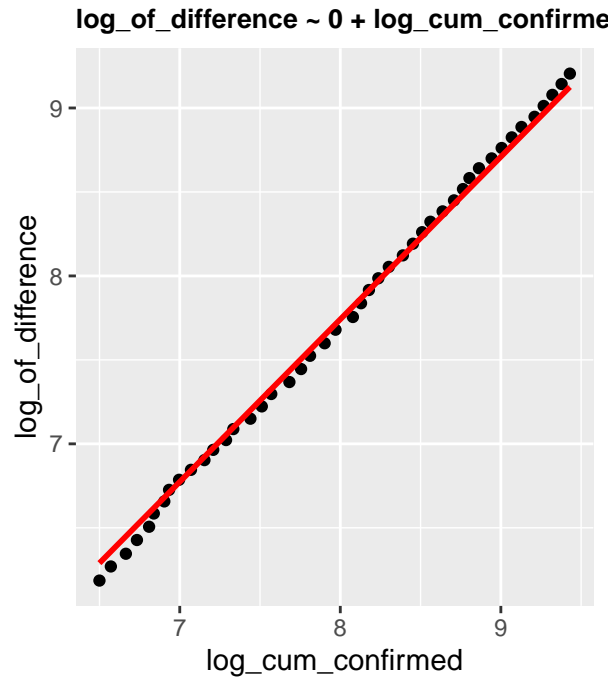


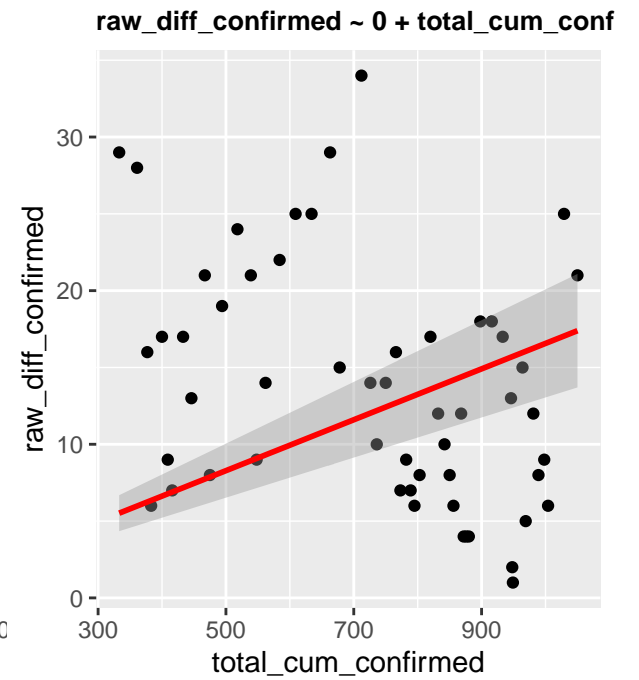
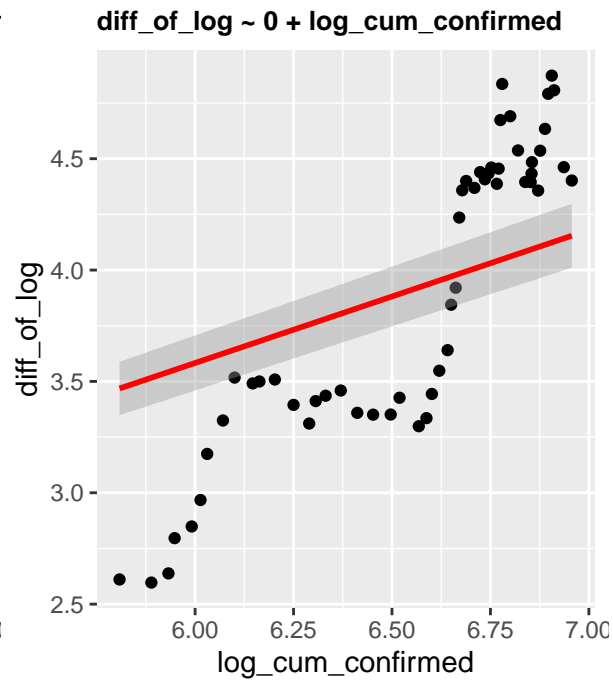
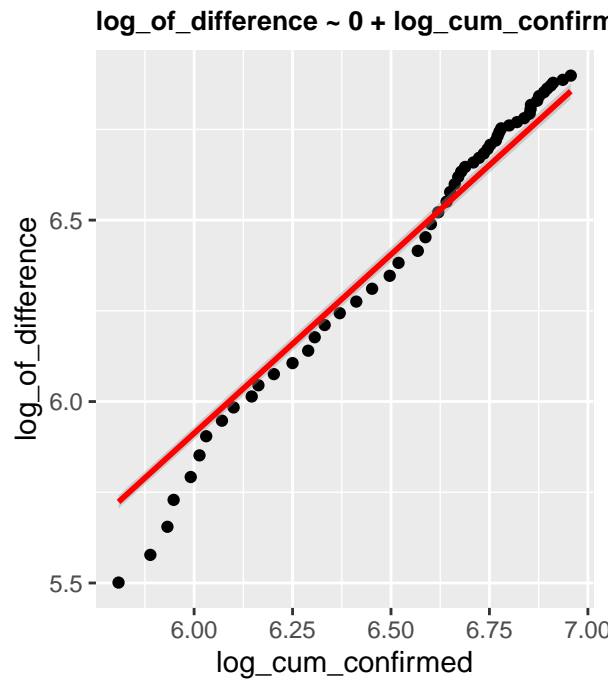
## Afghanistan

|                               | Dependent variable:                               |                                                |                                                |
|-------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.968***<br>(0.001)<br>t = 1,040.394<br>p = 0.000 | 0.337***<br>(0.005)<br>t = 66.547<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                   |                                                | 0.060***<br>(0.002)<br>t = 35.514<br>p = 0.000 |
| R2                            | 1.000                                             | 0.990                                          | 0.966                                          |
| Residual Std. Error (df = 44) | 0.050                                             | 0.273                                          | 61.480                                         |
| F Statistic (df = 1; 44)      | 1,082,420.000*** (p = 0.000)                      | 4,428.535*** (p = 0.000)                       | 1,261.233*** (p = 0.000)                       |



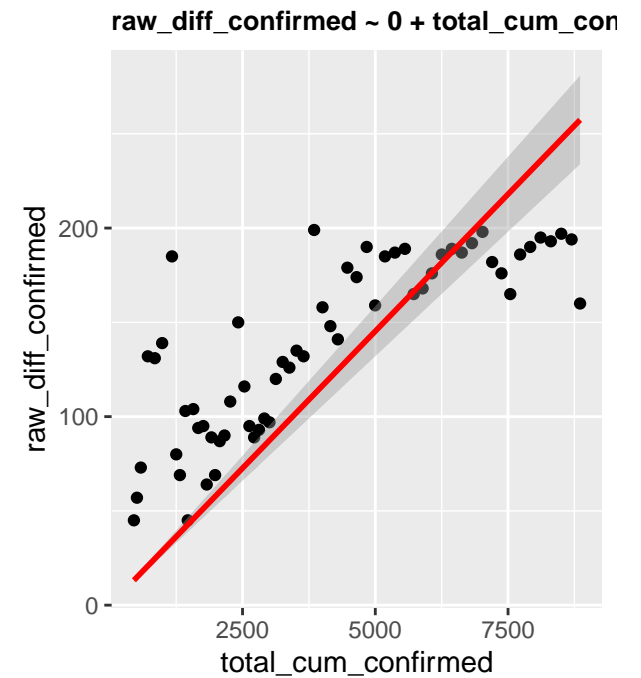
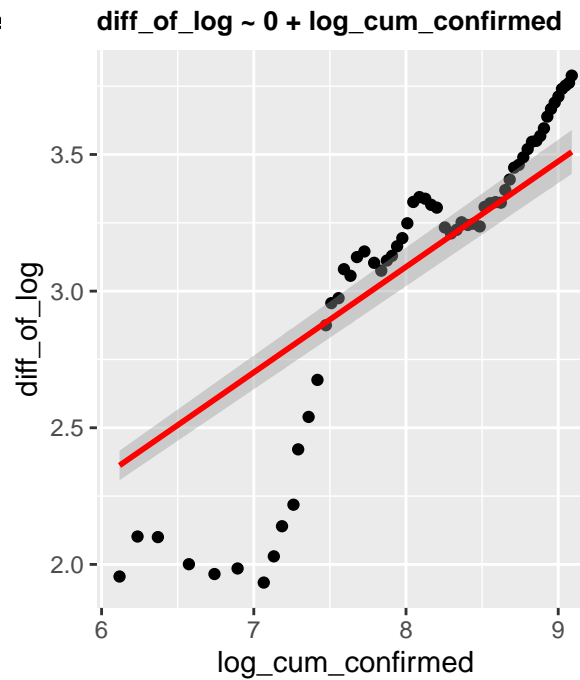
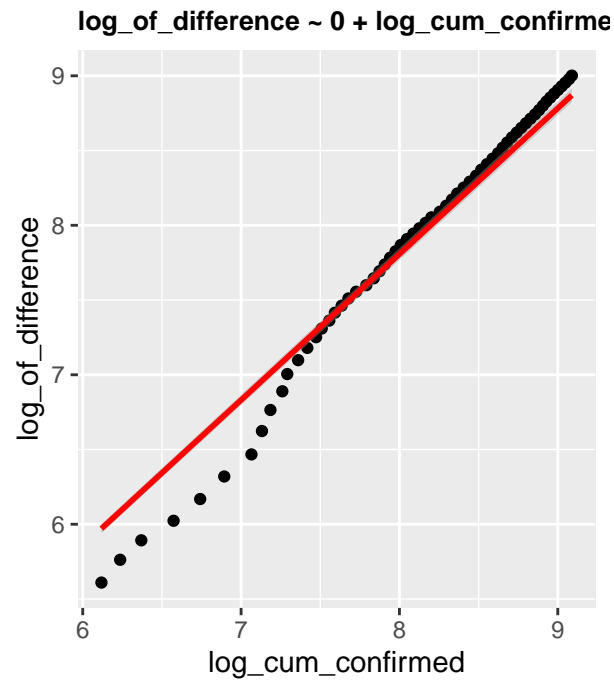
## Albania

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.985***<br>(0.002)<br>t = 645.554<br>p = 0.000 | 0.597***<br>(0.010)<br>t = 58.196<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.017***<br>(0.002)<br>t = 9.446<br>p = 0.000 |
| R2                            | 1.000                                           | 0.985                                          | 0.627                                         |
| Residual Std. Error (df = 53) | 0.073                                           | 0.494                                          | 9.747                                         |
| F Statistic (df = 1; 53)      | 416,740.100*** (p = 0.000)                      | 3,386.743*** (p = 0.000)                       | 89.236*** (p = 0.000)                         |



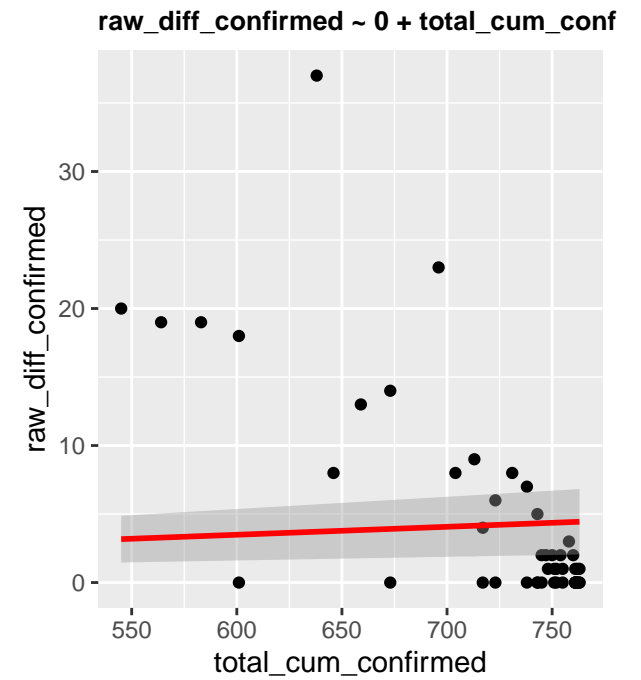
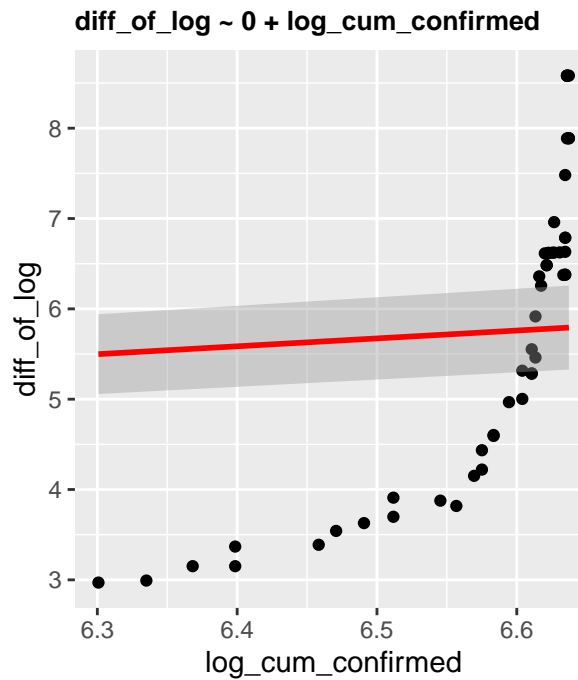
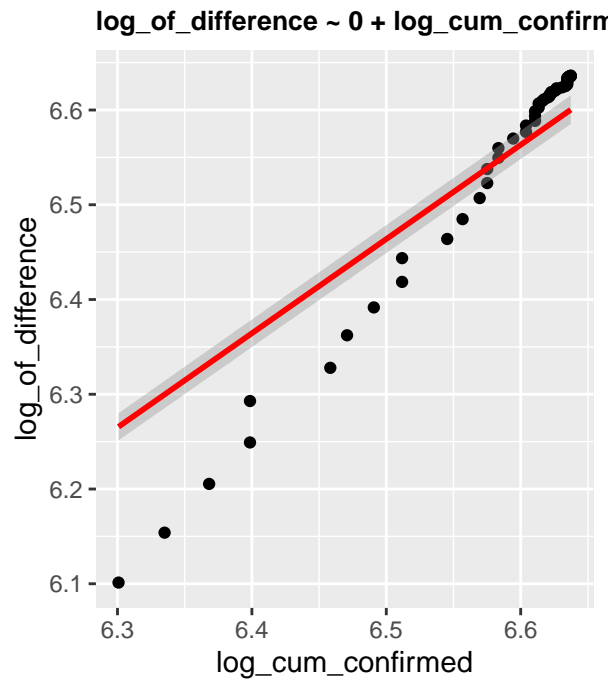
## Algeria

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.976***<br>(0.003)<br>t = 389.453<br>p = 0.000 | 0.386***<br>(0.004)<br>t = 87.562<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.029***<br>(0.001)<br>t = 21.919<br>p = 0.000 |
| R2                            | 1.000                                           | 0.992                                          | 0.889                                          |
| Residual Std. Error (df = 60) | 0.158                                           | 0.279                                          | 49.060                                         |
| F Statistic (df = 1; 60)      | 151,673.900*** (p = 0.000)                      | 7,667.181*** (p = 0.000)                       | 480.422*** (p = 0.000)                         |



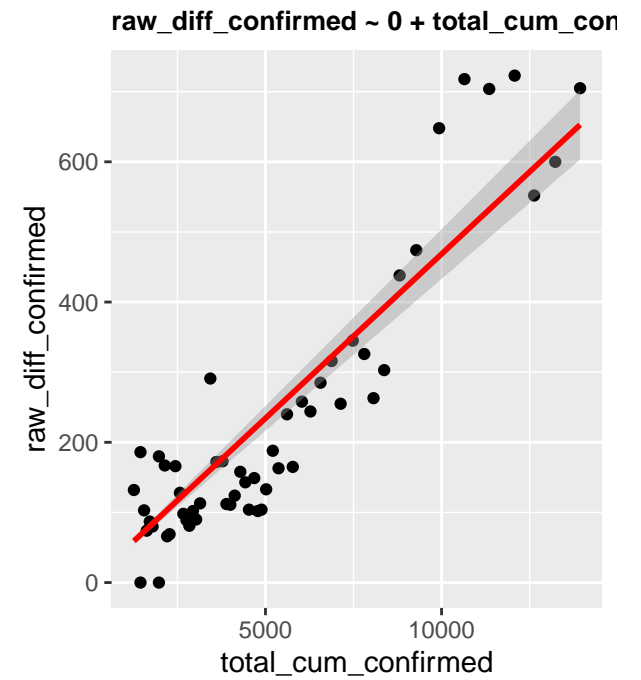
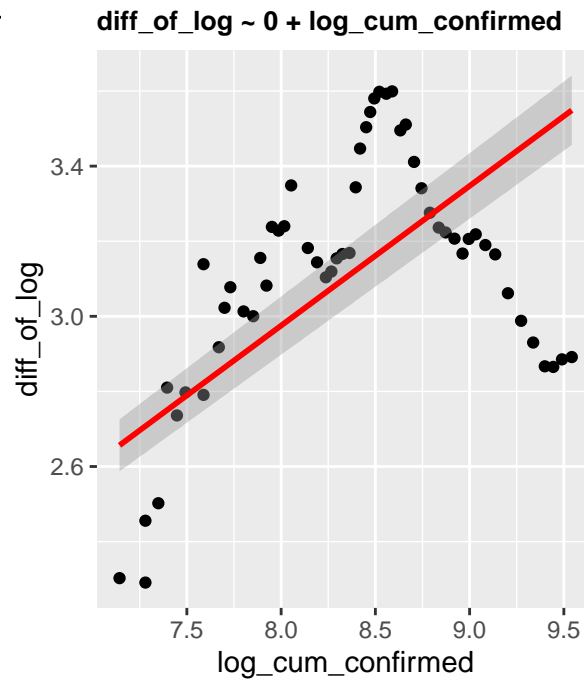
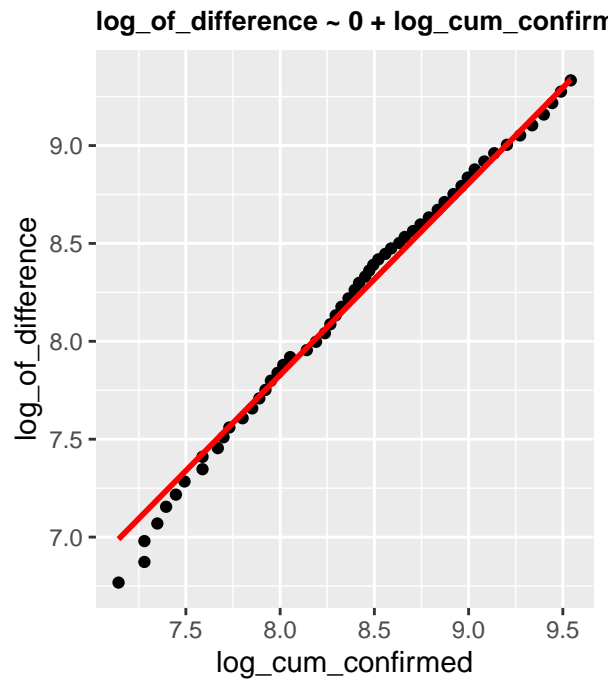
## Andorra

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.994***<br>(0.001)<br>t = 880.071<br>p = 0.000 | 0.873***<br>(0.035)<br>t = 25.028<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.006***<br>(0.002)<br>t = 3.733<br>p = 0.0005 |
| R2                            | 1.000                                           | 0.926                                          | 0.218                                          |
| Residual Std. Error (df = 50) | 0.053                                           | 1.638                                          | 8.051                                          |
| F Statistic (df = 1; 50)      | 774,525.300*** (p = 0.000)                      | 626.376*** (p = 0.000)                         | 13.935*** (p = 0.0005)                         |



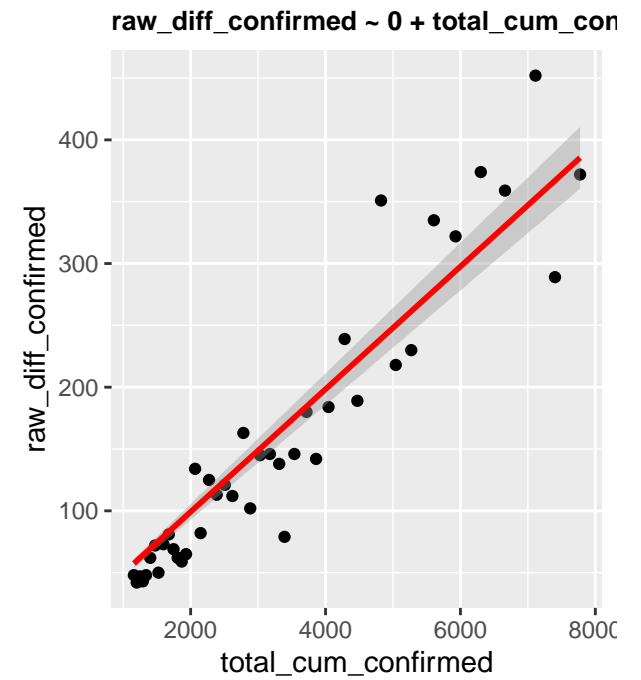
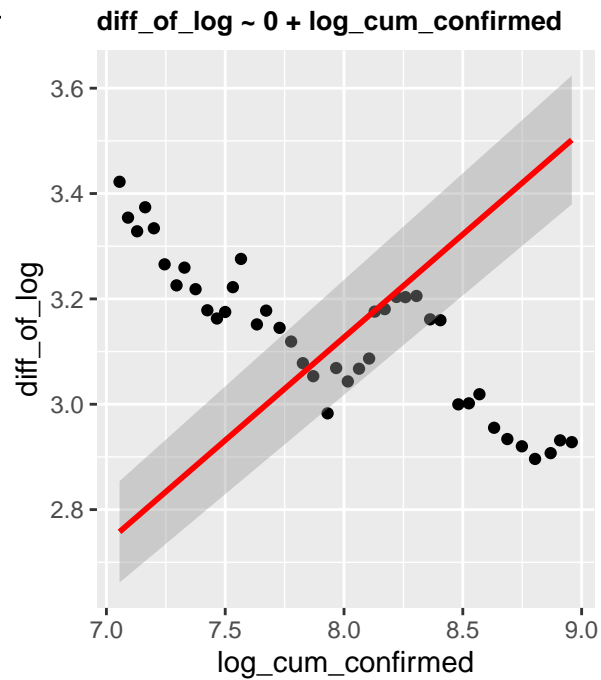
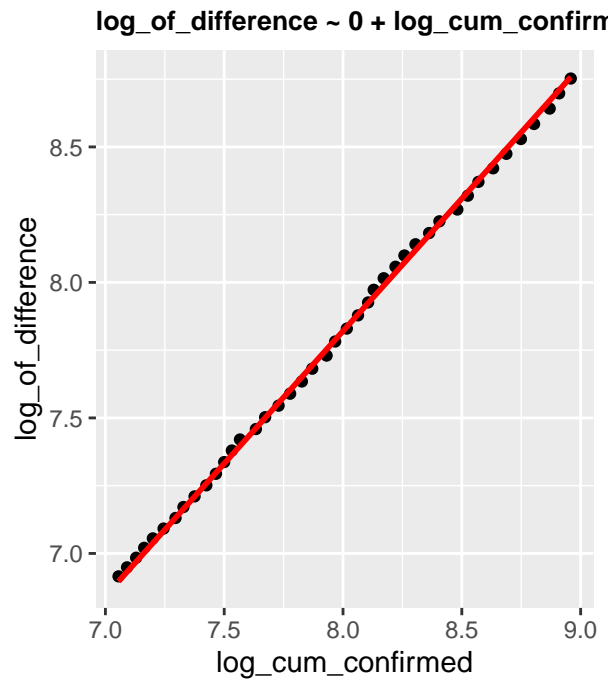
## Argentina

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.979***<br>(0.001)<br>t = 916.159<br>p = 0.000 | 0.372***<br>(0.005)<br>t = 77.031<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.047***<br>(0.002)<br>t = 26.537<br>p = 0.000 |
| R2                            | 1.000                                           | 0.991                                          | 0.929                                          |
| Residual Std. Error (df = 54) | 0.066                                           | 0.300                                          | 81.125                                         |
| F Statistic (df = 1; 54)      | 839,346.500*** (p = 0.000)                      | 5,933.764*** (p = 0.000)                       | 704.186*** (p = 0.000)                         |



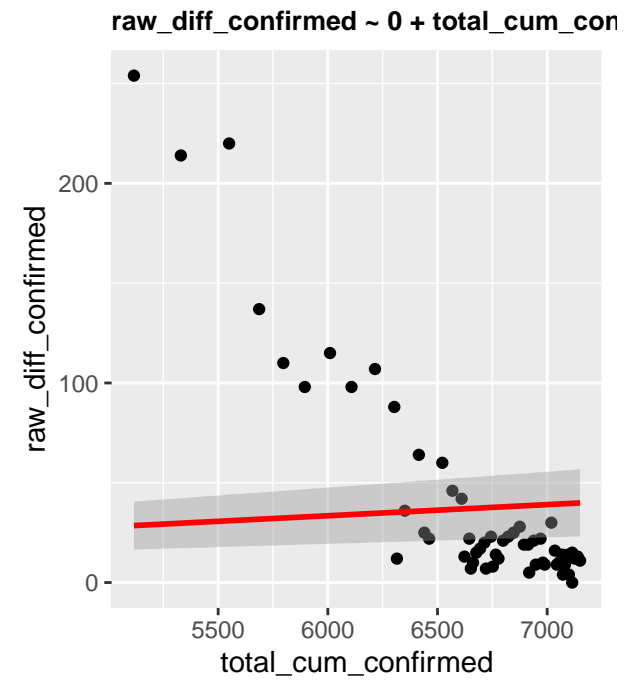
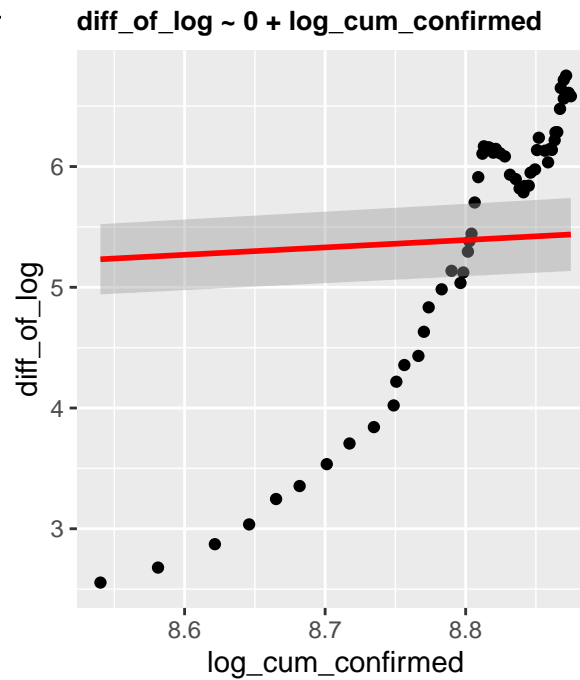
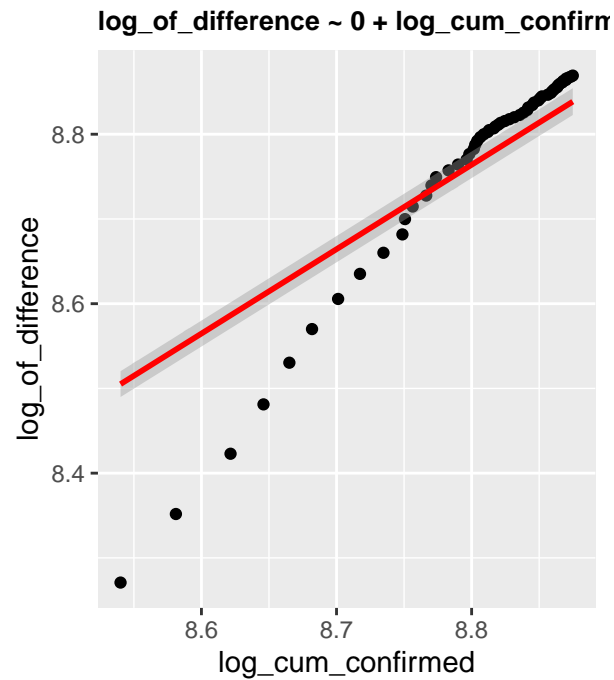
## Armenia

|                               | Dependent variable:                                |                                                |                                                |
|-------------------------------|----------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                           | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.978***<br>(0.0003)<br>t = 3,152.357<br>p = 0.000 | 0.391***<br>(0.007)<br>t = 57.861<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                    |                                                | 0.050***<br>(0.002)<br>t = 31.269<br>p = 0.000 |
| R2                            | 1.000                                              | 0.988                                          | 0.960                                          |
| Residual Std. Error (df = 41) | 0.016                                              | 0.349                                          | 39.259                                         |
| F Statistic (df = 1; 41)      | 9,937,352.000*** (p = 0.000)                       | 3,347.843*** (p = 0.000)                       | 977.720*** (p = 0.000)                         |



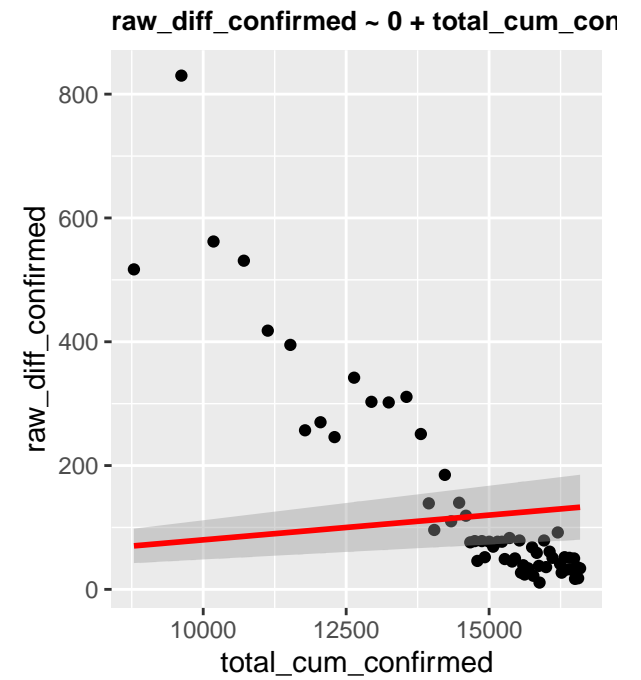
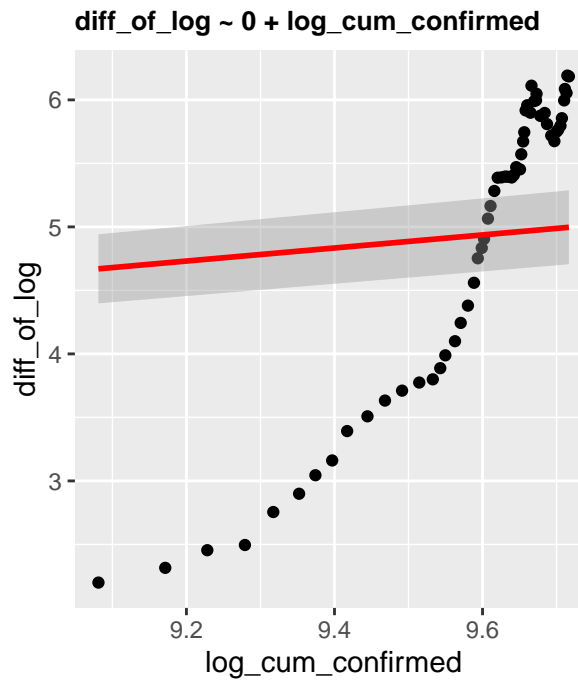
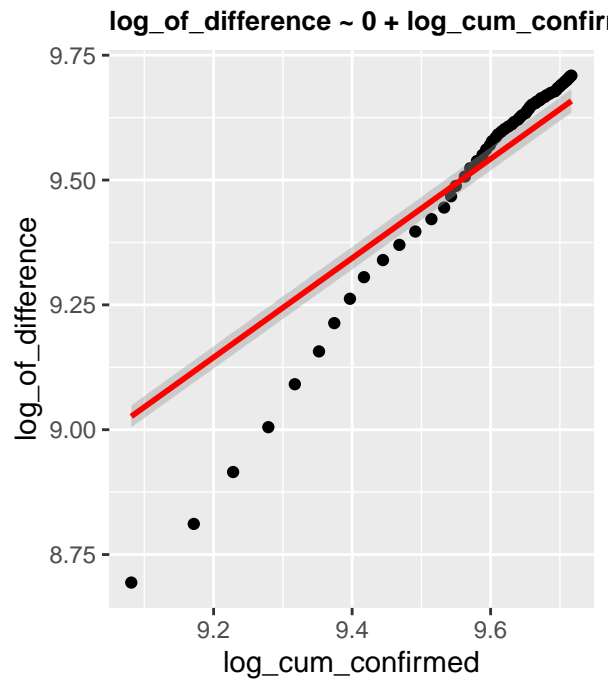
## Australia

|                               | Dependent variable:                               |                                                |                                                 |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.996***<br>(0.001)<br>t = 1,120.172<br>p = 0.000 | 0.613***<br>(0.017)<br>t = 36.096<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                   |                                                | 0.006***<br>(0.001)<br>t = 4.766<br>p = 0.00002 |
| R2                            | 1.000                                             | 0.959                                          | 0.292                                           |
| Residual Std. Error (df = 55) | 0.059                                             | 1.118                                          | 58.377                                          |
| F Statistic (df = 1; 55)      | 1,254,786.000*** (p = 0.000)                      | 1,302.911*** (p = 0.000)                       | 22.715*** (p = 0.00002)                         |



## Austria

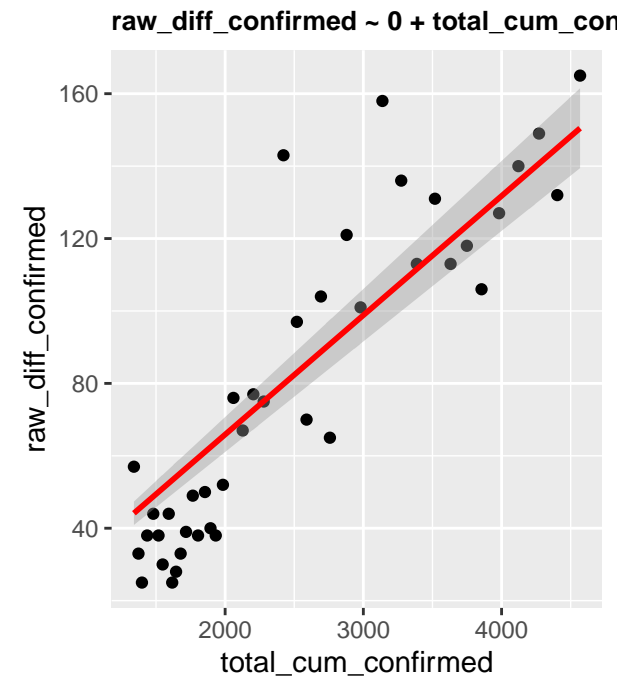
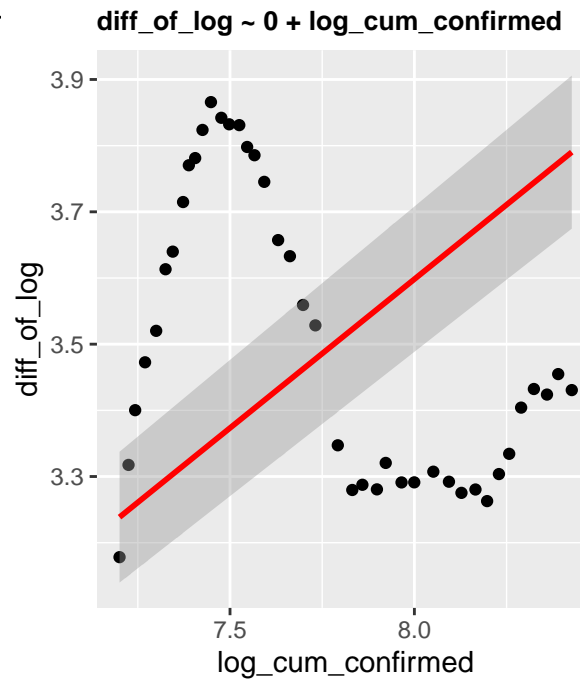
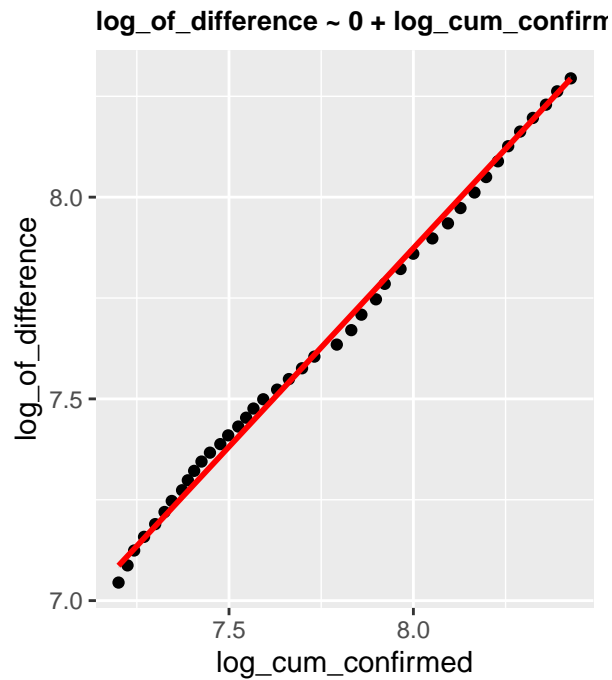
|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.994***<br>(0.001)<br>t = 824.369<br>p = 0.000 | 0.514***<br>(0.015)<br>t = 34.359<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.008***<br>(0.002)<br>t = 5.059<br>p = 0.00001 |
| R2                            | 1.000                                           | 0.952                                          | 0.303                                           |
| Residual Std. Error (df = 59) | 0.090                                           | 1.111                                          | 180.972                                         |
| F Statistic (df = 1; 59)      | 679,584.100*** (p = 0.000)                      | 1,180.533*** (p = 0.000)                       | 25.594*** (p = 0.00001)                         |





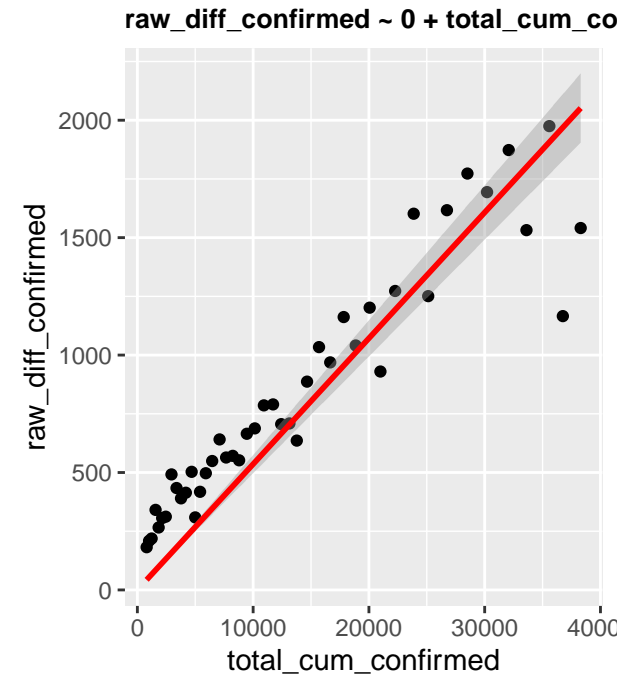
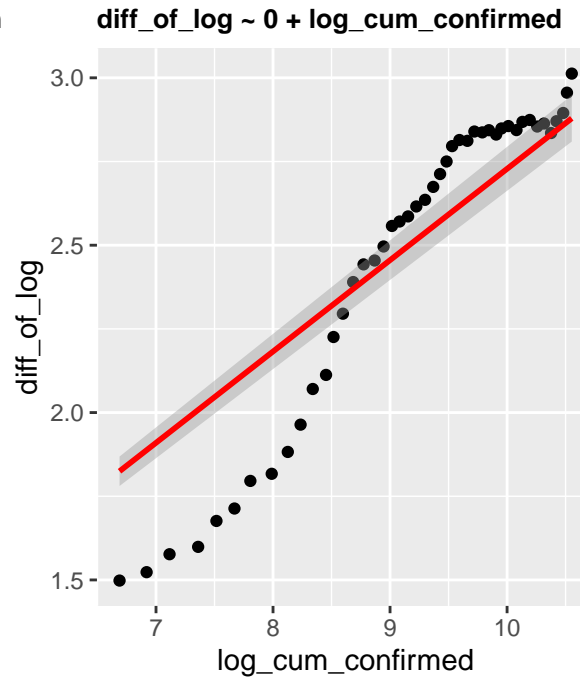
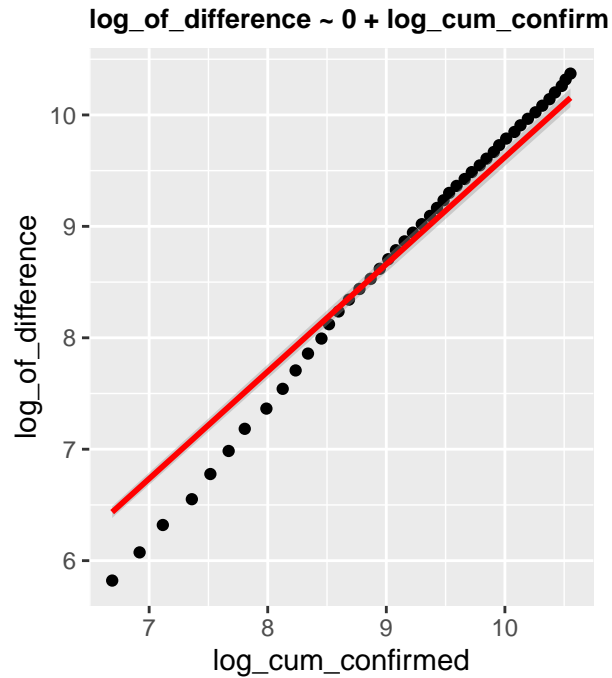
## Azerbaijan

|                               | Dependent variable:                                |                                                |                                                |
|-------------------------------|----------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                           | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.984***<br>(0.0005)<br>t = 2,158.542<br>p = 0.000 | 0.450***<br>(0.007)<br>t = 66.227<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                    |                                                | 0.033***<br>(0.001)<br>t = 27.582<br>p = 0.000 |
| R2                            | 1.000                                              | 0.991                                          | 0.950                                          |
| Residual Std. Error (df = 40) | 0.023                                              | 0.338                                          | 20.578                                         |
| F Statistic (df = 1; 40)      | 4,659,305.000*** (p = 0.000)                       | 4,386.075*** (p = 0.000)                       | 760.746*** (p = 0.000)                         |



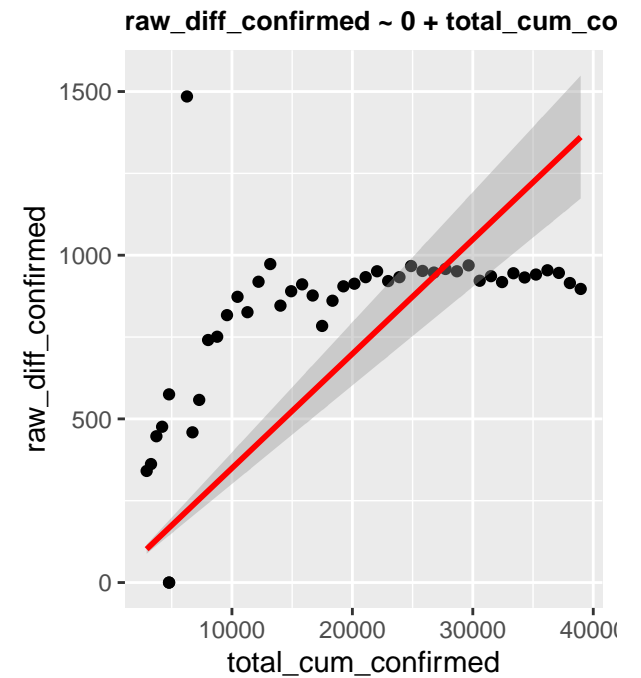
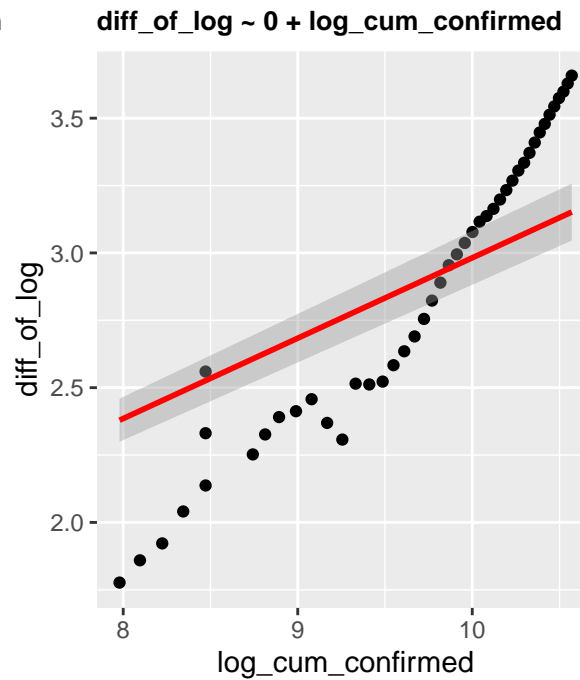
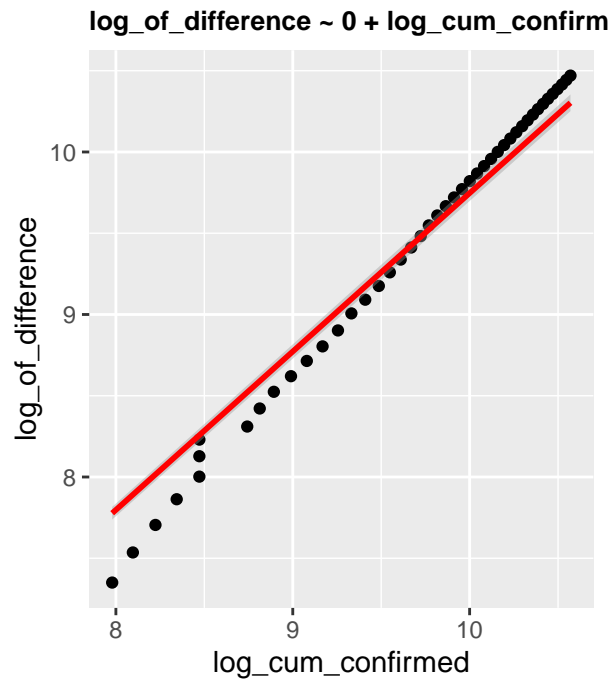
## Bangladesh

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.962***<br>(0.004)<br>t = 246.445<br>p = 0.000 | 0.273***<br>(0.003)<br>t = 83.669<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.054***<br>(0.002)<br>t = 28.122<br>p = 0.000 |
| R2                            | 0.999                                           | 0.994                                          | 0.947                                          |
| Residual Std. Error (df = 44) | 0.240                                           | 0.201                                          | 226.048                                        |
| F Statistic (df = 1; 44)      | 60,735.160*** (p = 0.000)                       | 7,000.425*** (p = 0.000)                       | 790.863*** (p = 0.000)                         |



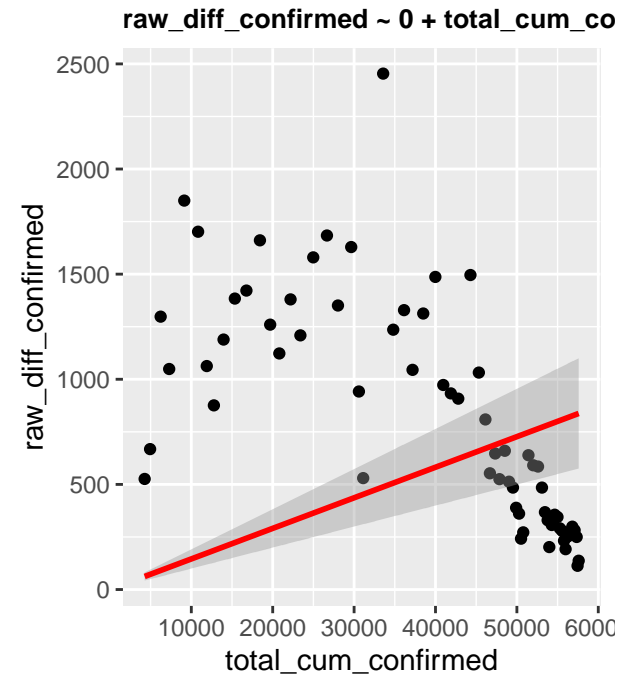
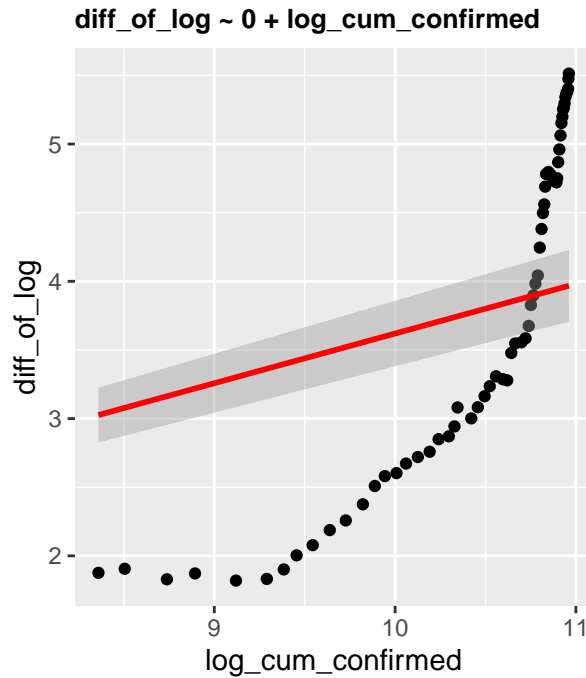
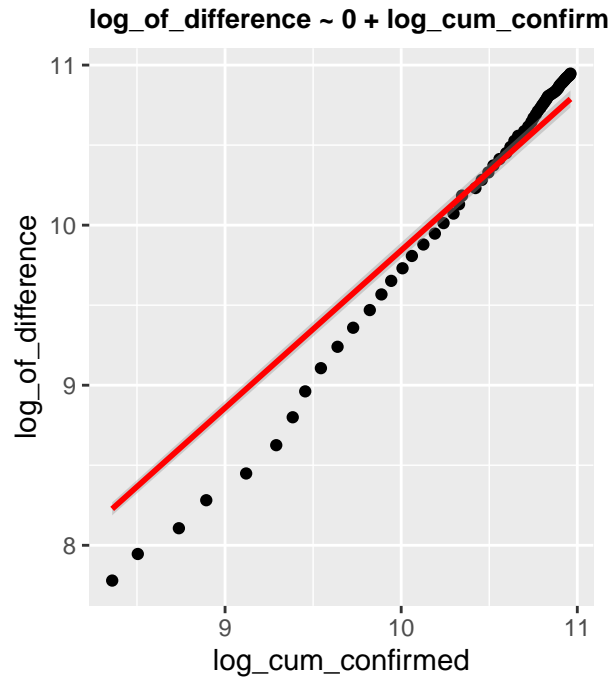
## Belarus

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.975***<br>(0.002)<br>t = 403.998<br>p = 0.000 | 0.298***<br>(0.005)<br>t = 60.110<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.035***<br>(0.002)<br>t = 14.608<br>p = 0.000 |
| R2                            | 1.000                                           | 0.988                                          | 0.829                                          |
| Residual Std. Error (df = 44) | 0.156                                           | 0.321                                          | 355.434                                        |
| F Statistic (df = 1; 44)      | 163,214.200*** (p = 0.000)                      | 3,613.191*** (p = 0.000)                       | 213.407*** (p = 0.000)                         |



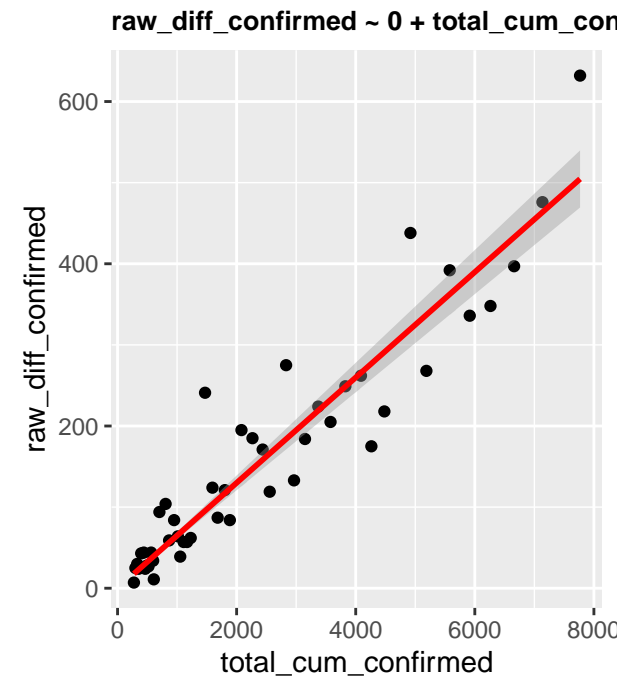
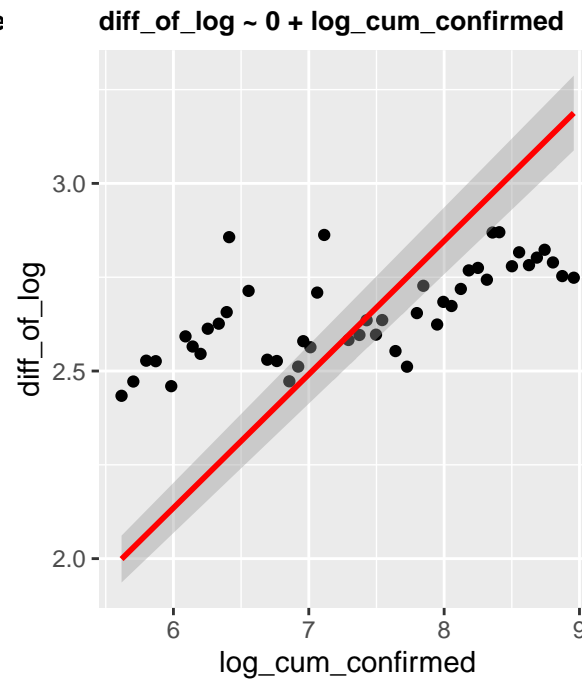
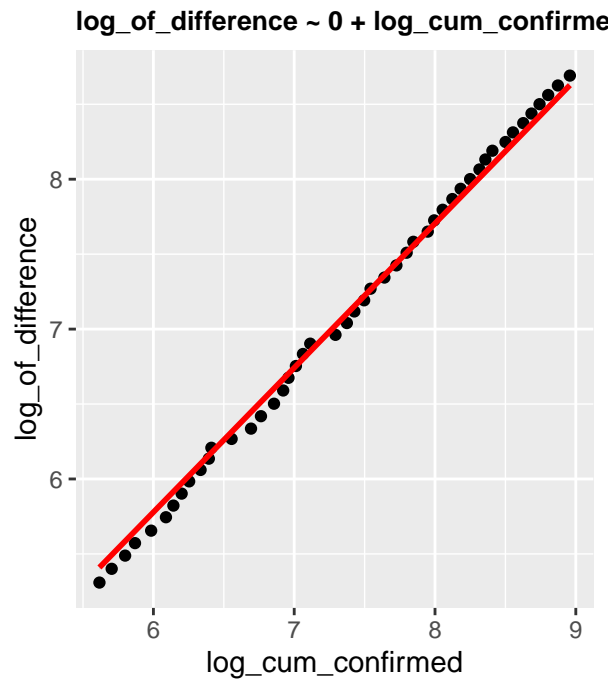
## Belgium

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference                               | diff_of_log                                    | raw_diff_confirmed                              |
|                               | (1)                                             | (2)                                            | (3)                                             |
| log_cum_confirmed             | 0.984***<br>(0.002)<br>t = 406.861<br>p = 0.000 | 0.362***<br>(0.012)<br>t = 30.349<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.015***<br>(0.002)<br>t = 6.381<br>p = 0.00000 |
| R2                            | 1.000                                           | 0.935                                          | 0.389                                           |
| Residual Std. Error (df = 64) | 0.203                                           | 1.002                                          | 775.248                                         |
| F Statistic (df = 1; 64)      | 165,535.600*** (p = 0.000)                      | 921.036*** (p = 0.000)                         | 40.717*** (p = 0.00000)                         |



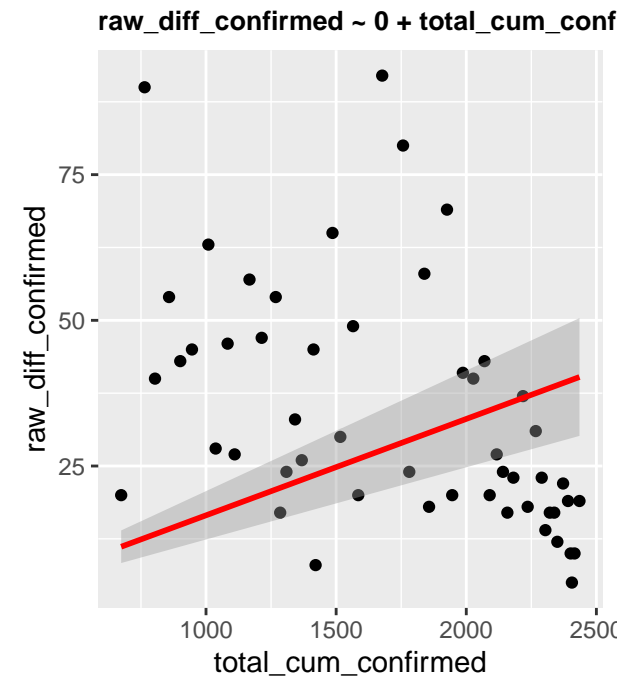
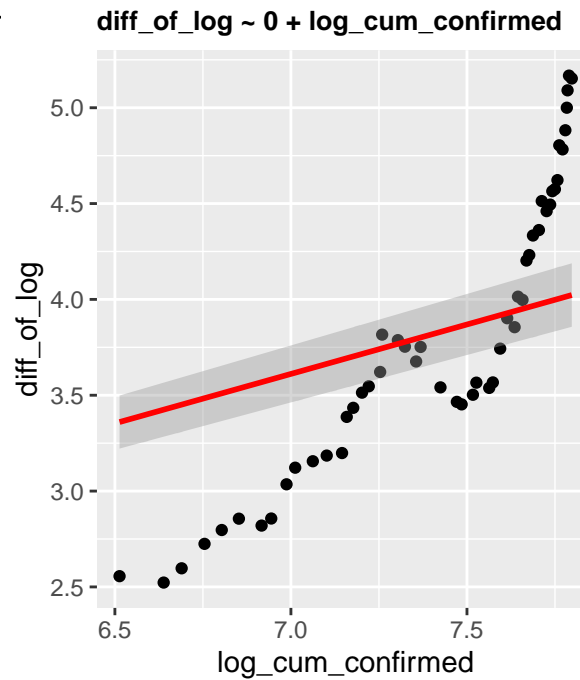
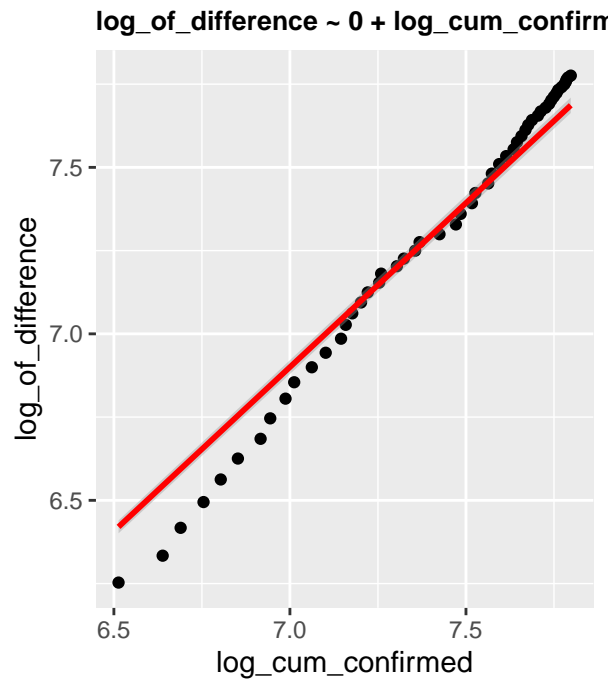
## Bolivia

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.963***<br>(0.001)<br>t = 735.045<br>p = 0.000 | 0.356***<br>(0.006)<br>t = 64.334<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.065***<br>(0.002)<br>t = 28.871<br>p = 0.000 |
| R2                            | 1.000                                           | 0.989                                          | 0.948                                          |
| Residual Std. Error (df = 46) | 0.067                                           | 0.282                                          | 49.314                                         |
| F Statistic (df = 1; 46)      | 540,291.600*** (p = 0.000)                      | 4,138.868*** (p = 0.000)                       | 833.512*** (p = 0.000)                         |



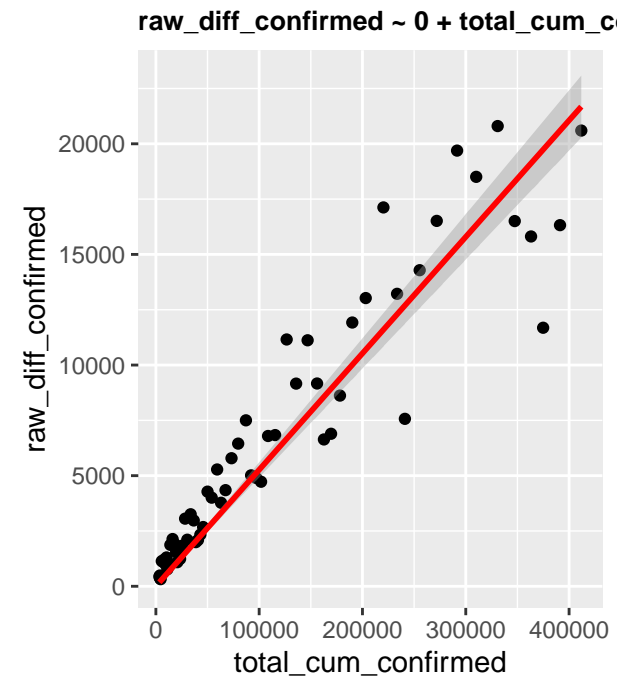
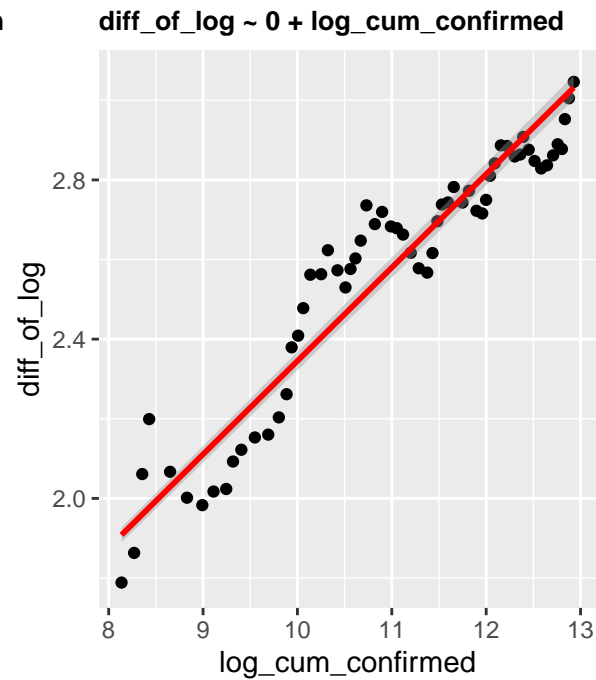
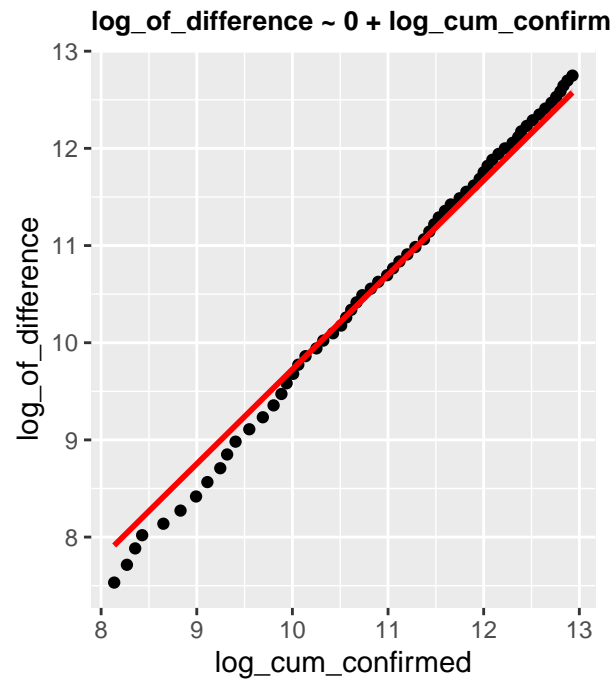
## Bosnia and Herzegovina

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.986***<br>(0.001)<br>t = 664.427<br>p = 0.000 | 0.516***<br>(0.011)<br>t = 48.773<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.017***<br>(0.002)<br>t = 8.000<br>p = 0.000 |
| R2                            | 1.000                                           | 0.979                                          | 0.557                                         |
| Residual Std. Error (df = 51) | 0.079                                           | 0.564                                          | 26.862                                        |
| F Statistic (df = 1; 51)      | 441,463.500*** (p = 0.000)                      | 2,378.833*** (p = 0.000)                       | 64.001*** (p = 0.000)                         |



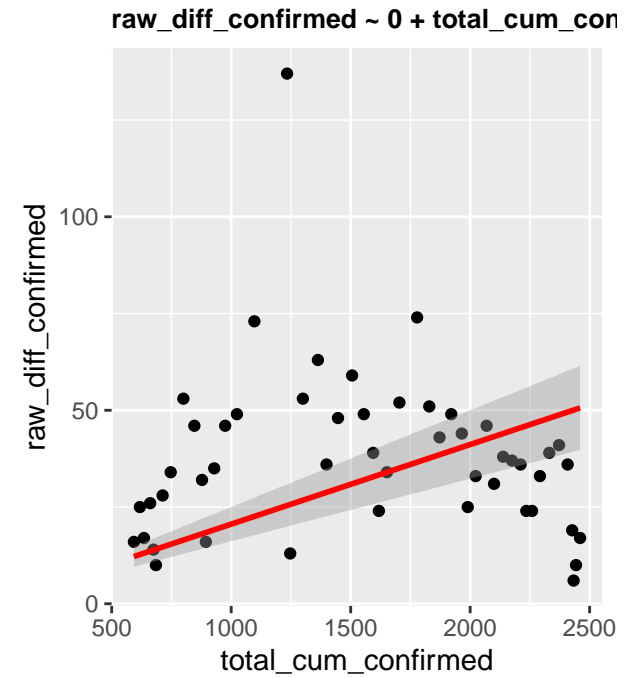
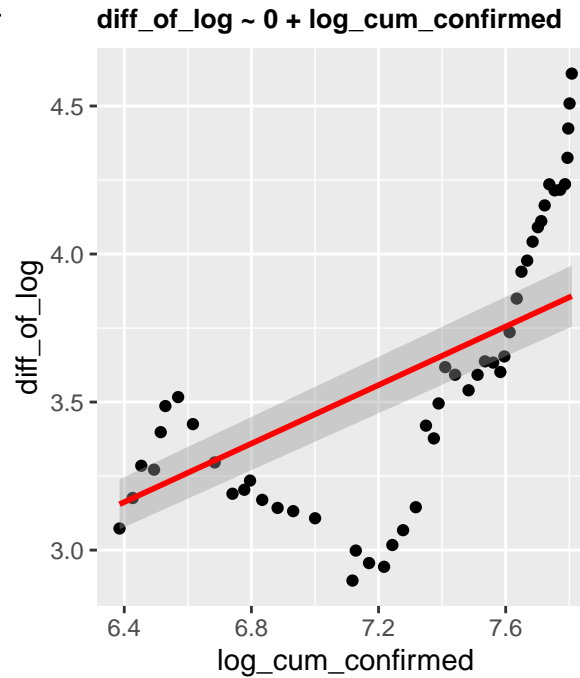
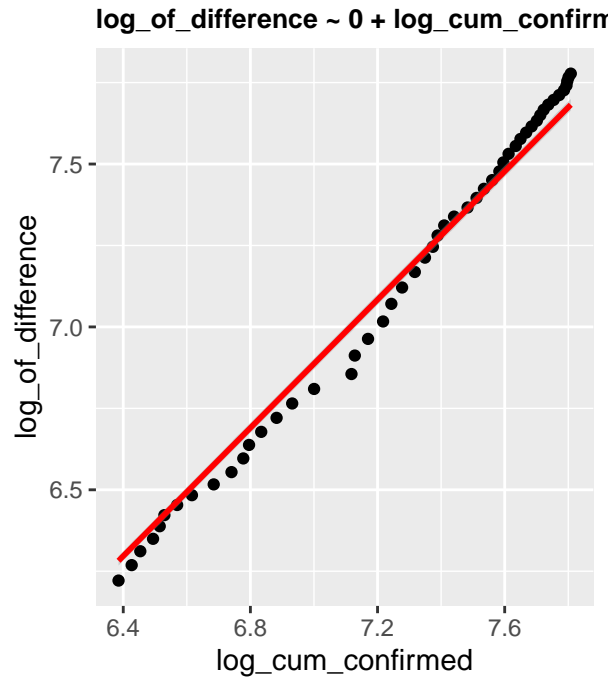
## Brazil

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.973***<br>(0.002)<br>t = 573.022<br>p = 0.000 | 0.235***<br>(0.001)<br>t = 202.218<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.053***<br>(0.002)<br>t = 30.894<br>p = 0.000 |
| R2                            | 1.000                                           | 0.999                                           | 0.940                                          |
| Residual Std. Error (df = 61) | 0.147                                           | 0.101                                           | 2,193.558                                      |
| F Statistic (df = 1; 61)      | 328,354.100*** (p = 0.000)                      | 40,892.100*** (p = 0.000)                       | 954.466*** (p = 0.000)                         |



## Bulgaria

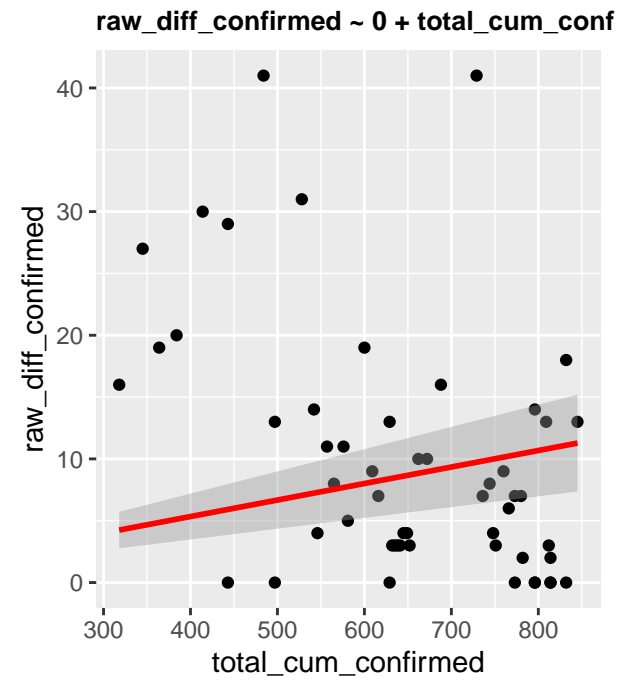
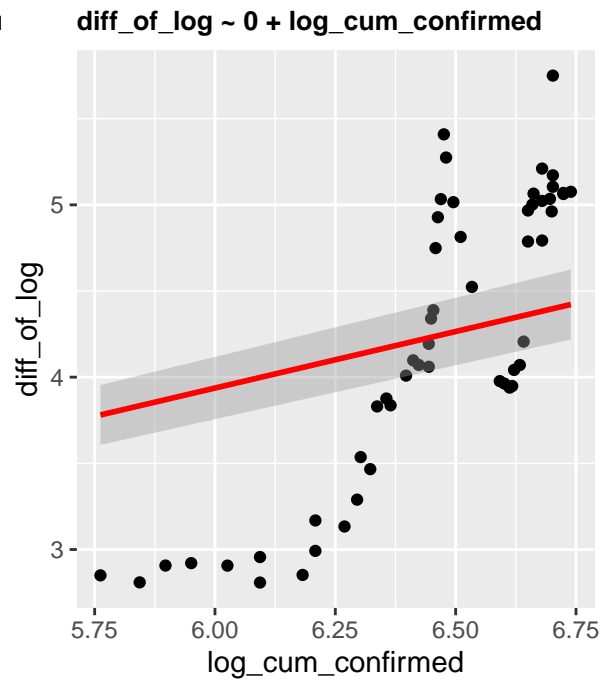
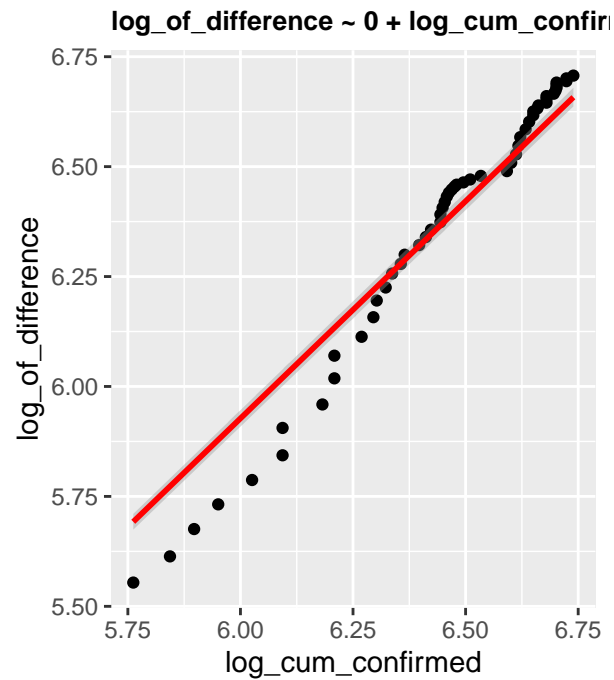
|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.984***<br>(0.001)<br>t = 861.195<br>p = 0.000 | 0.494***<br>(0.007)<br>t = 75.092<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.021***<br>(0.002)<br>t = 9.363<br>p = 0.000 |
| R2                            | 1.000                                           | 0.991                                          | 0.641                                         |
| Residual Std. Error (df = 49) | 0.059                                           | 0.338                                          | 26.114                                        |
| F Statistic (df = 1; 49)      | 741,656.300*** (p = 0.000)                      | 5,638.770*** (p = 0.000)                       | 87.668*** (p = 0.000)                         |





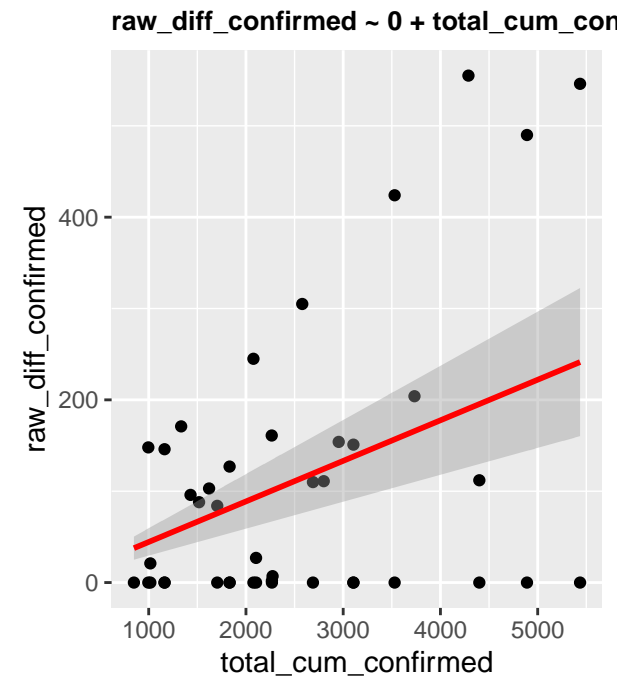
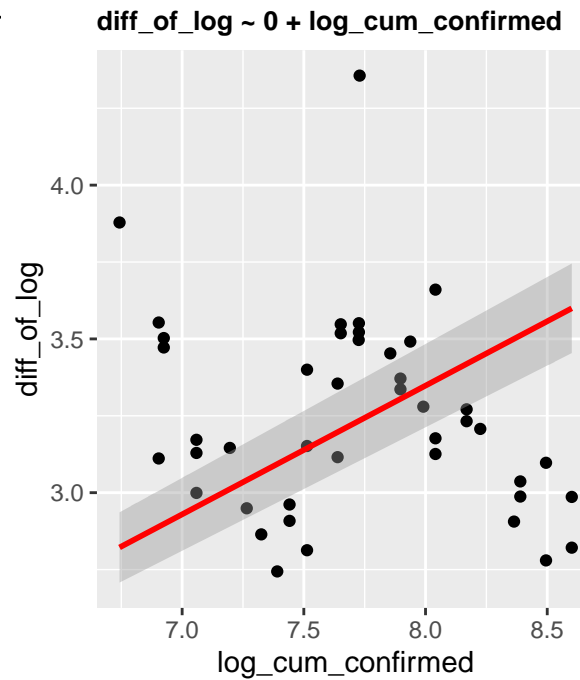
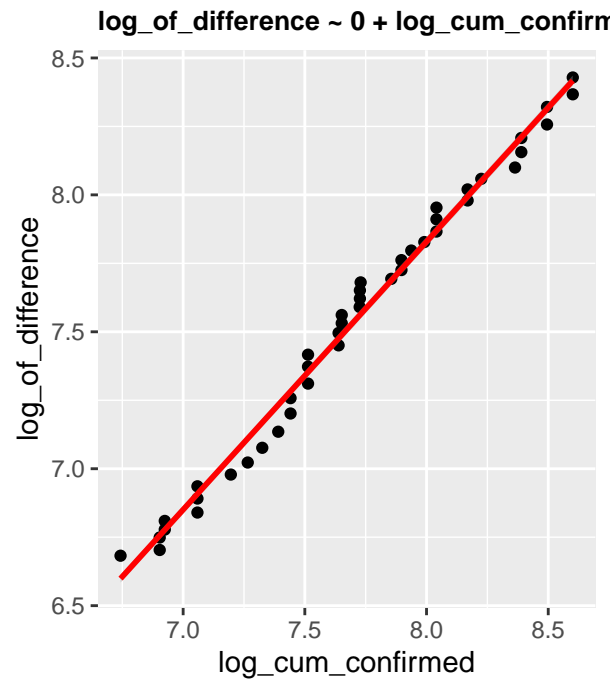
## Burkina Faso

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.988***<br>(0.002)<br>t = 637.188<br>p = 0.000 | 0.656***<br>(0.015)<br>t = 43.704<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.013***<br>(0.002)<br>t = 5.779<br>p = 0.00000 |
| R2                            | 1.000                                           | 0.973                                          | 0.387                                           |
| Residual Std. Error (df = 53) | 0.073                                           | 0.712                                          | 11.255                                          |
| F Statistic (df = 1; 53)      | 406,008.900*** (p = 0.000)                      | 1,910.054*** (p = 0.000)                       | 33.393*** (p = 0.00000)                         |



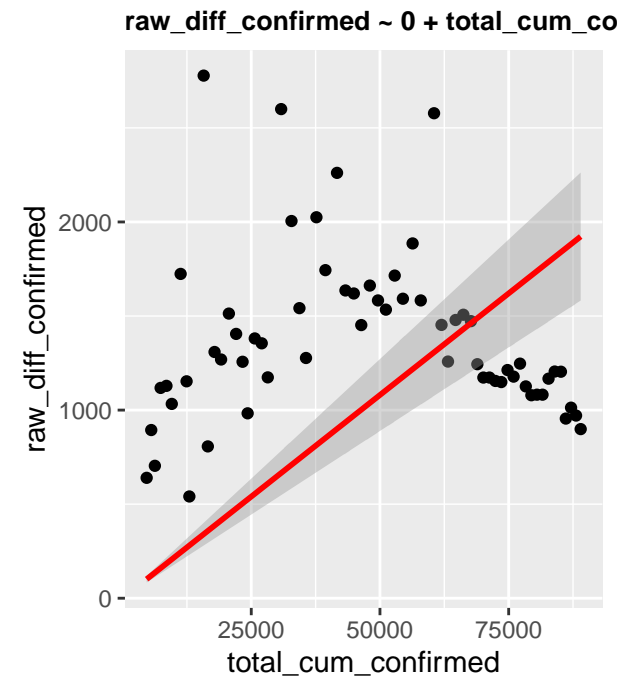
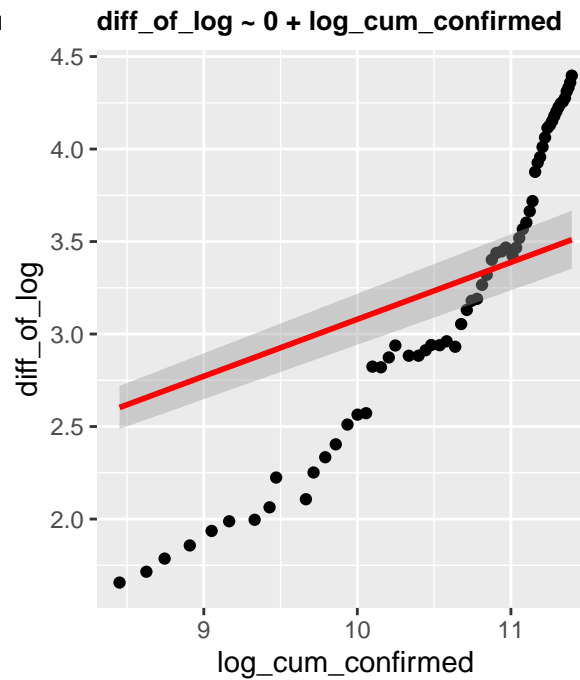
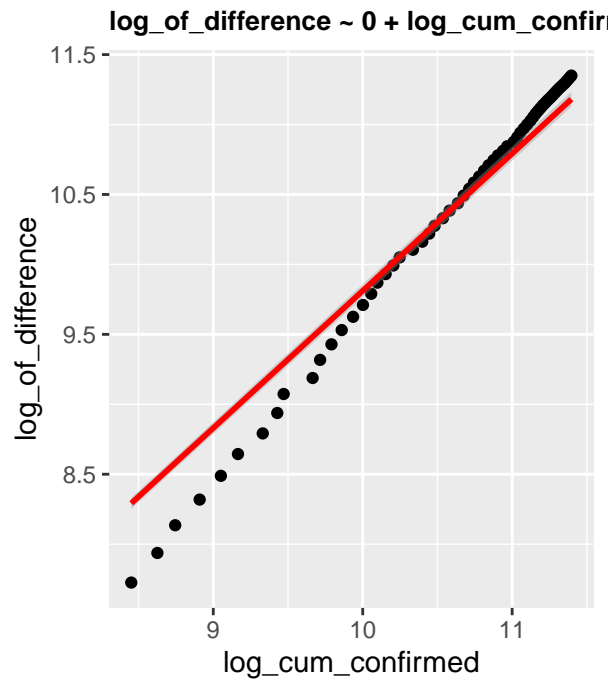
## Cameroon

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.979***<br>(0.001)<br>t = 918.719<br>p = 0.000 | 0.419***<br>(0.008)<br>t = 49.890<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.044***<br>(0.007)<br>t = 6.009<br>p = 0.00000 |
| R2                            | 1.000                                           | 0.983                                          | 0.462                                           |
| Residual Std. Error (df = 42) | 0.054                                           | 0.425                                          | 136.460                                         |
| F Statistic (df = 1; 42)      | 844,044.600*** (p = 0.000)                      | 2,488.965*** (p = 0.000)                       | 36.111*** (p = 0.00000)                         |



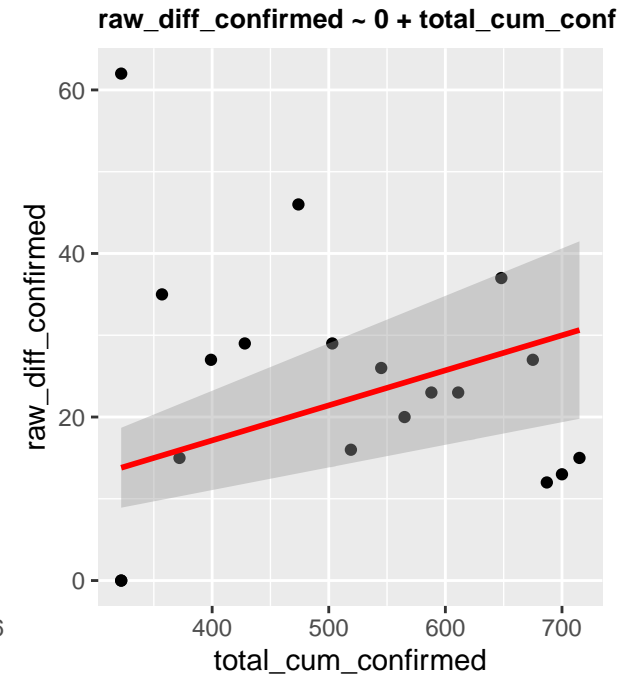
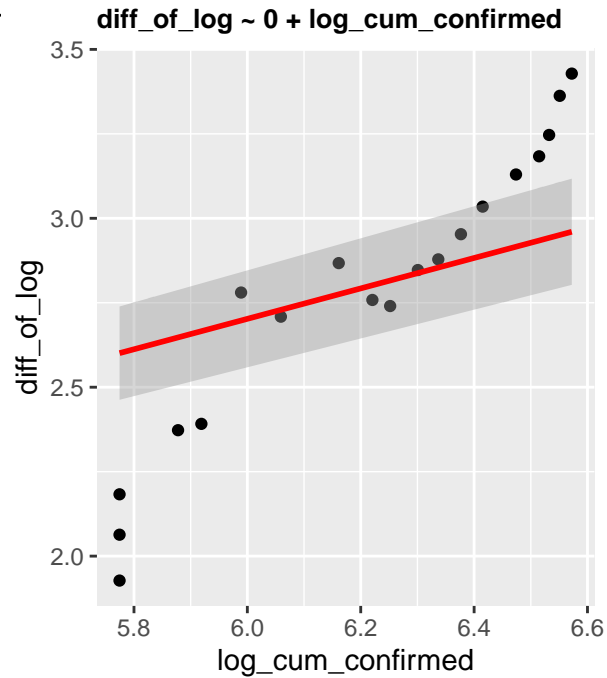
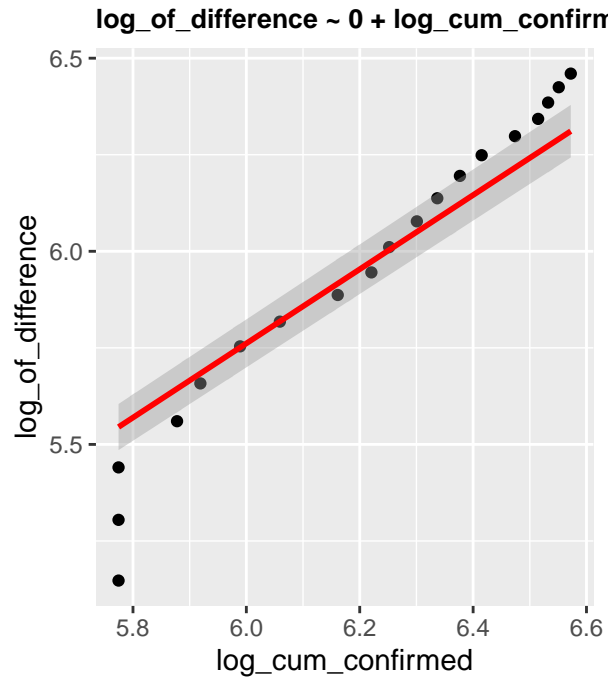
## Canada

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.981***<br>(0.002)<br>t = 422.281<br>p = 0.000 | 0.308***<br>(0.007)<br>t = 44.741<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.022***<br>(0.002)<br>t = 11.300<br>p = 0.000 |
| R2                            | 1.000                                           | 0.970                                          | 0.677                                          |
| Residual Std. Error (df = 61) | 0.193                                           | 0.573                                          | 824.224                                        |
| F Statistic (df = 1; 61)      | 178,321.500*** (p = 0.000)                      | 2,001.774*** (p = 0.000)                       | 127.693*** (p = 0.000)                         |



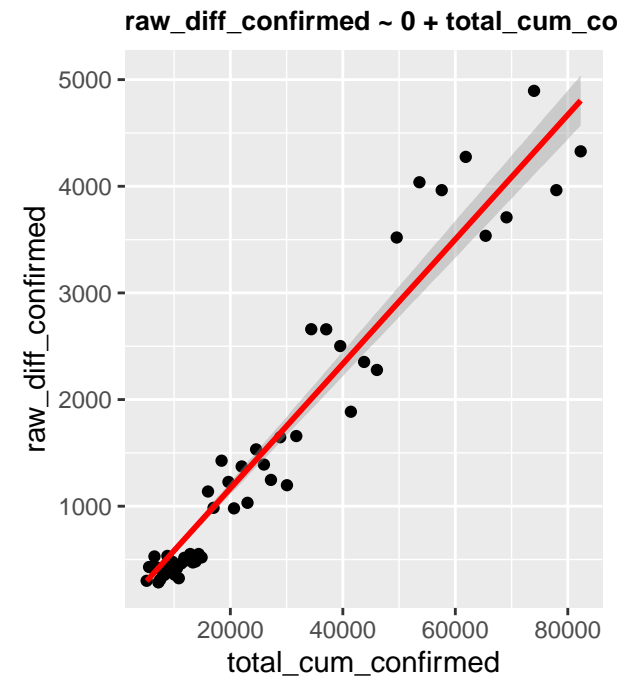
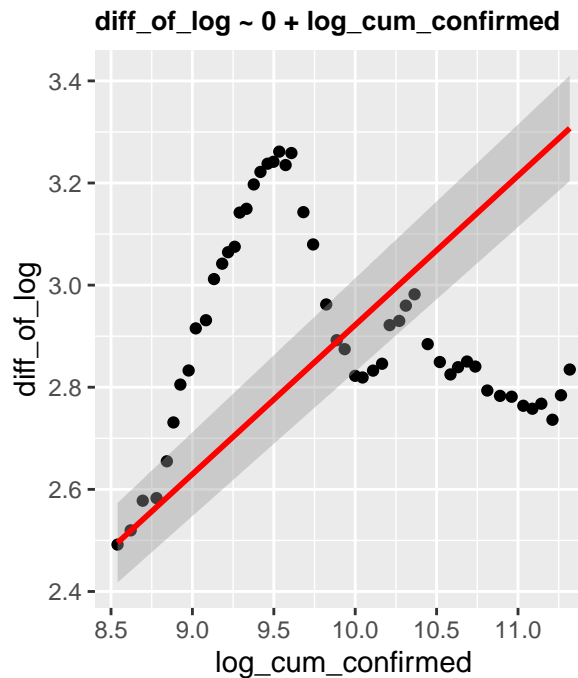
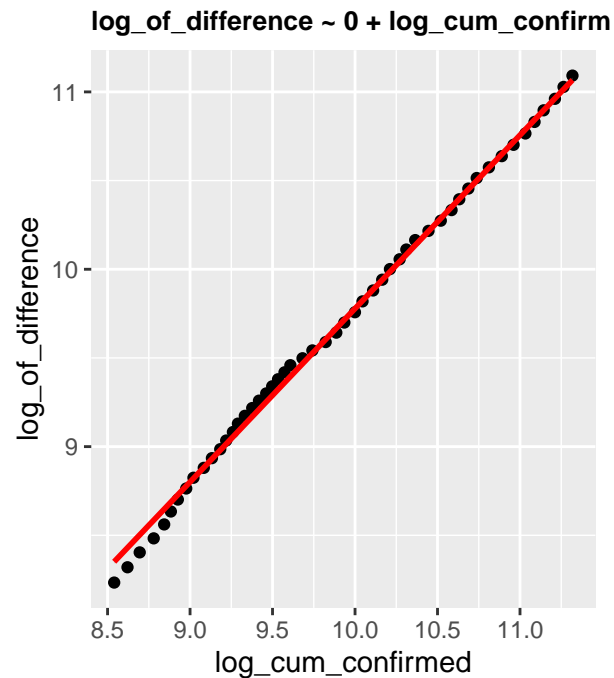
## Chad

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.960***<br>(0.005)<br>t = 195.010<br>p = 0.000 | 0.450***<br>(0.011)<br>t = 39.571<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.043***<br>(0.007)<br>t = 5.931<br>p = 0.00002 |
| R2                            | 1.000                                           | 0.989                                          | 0.662                                           |
| Residual Std. Error (df = 18) | 0.133                                           | 0.308                                          | 16.709                                          |
| F Statistic (df = 1; 18)      | 38,028.960*** (p = 0.000)                       | 1,565.846*** (p = 0.000)                       | 35.179*** (p = 0.00002)                         |



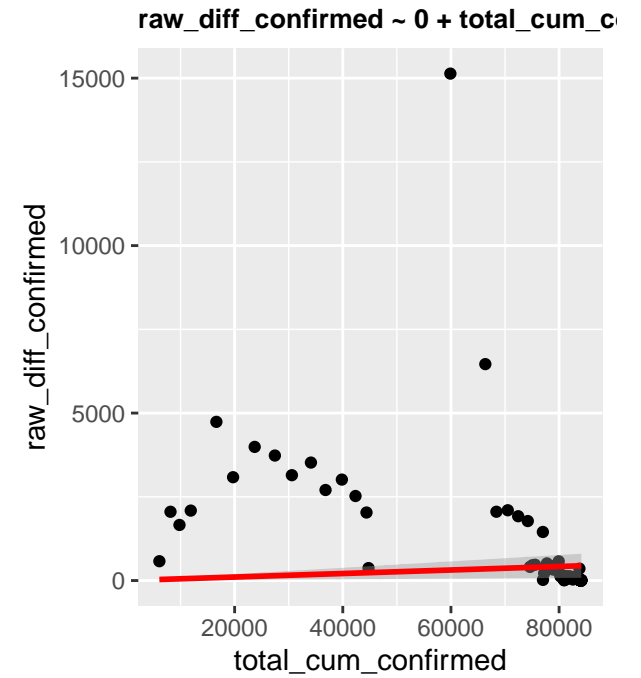
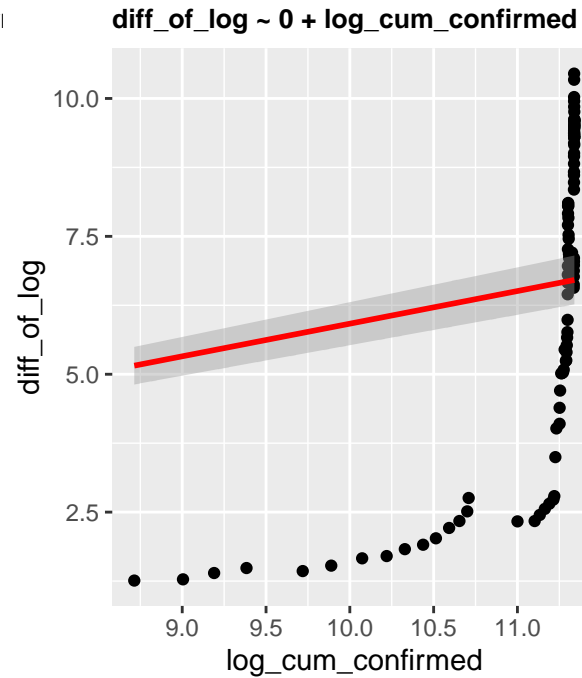
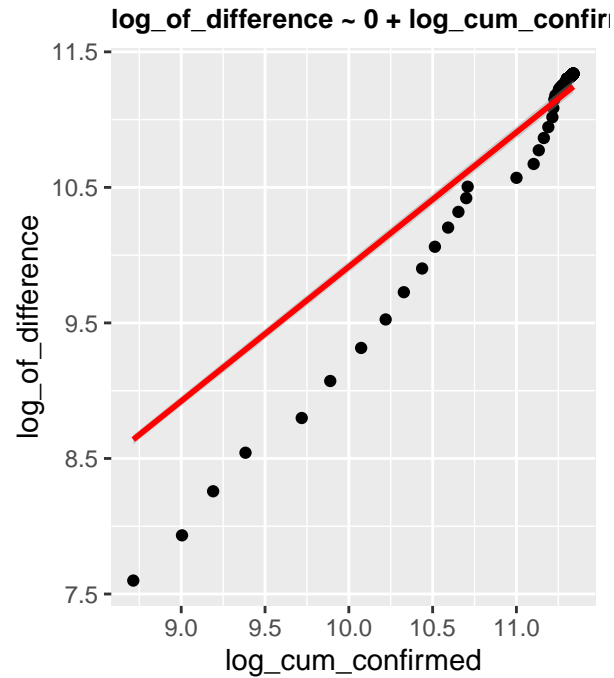
## Chile

| Dependent variable:           |                                                   |                                                |                                                |
|-------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.978***<br>(0.001)<br>t = 1,624.268<br>p = 0.000 | 0.292***<br>(0.005)<br>t = 64.318<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                   |                                                | 0.058***<br>(0.001)<br>t = 41.168<br>p = 0.000 |
| R2                            | 1.000                                             | 0.988                                          | 0.971                                          |
| Residual Std. Error (df = 50) | 0.043                                             | 0.322                                          | 346.149                                        |
| F Statistic (df = 1; 50)      | 2,638,246.000*** (p = 0.000)                      | 4,136.839*** (p = 0.000)                       | 1,694.821*** (p = 0.000)                       |



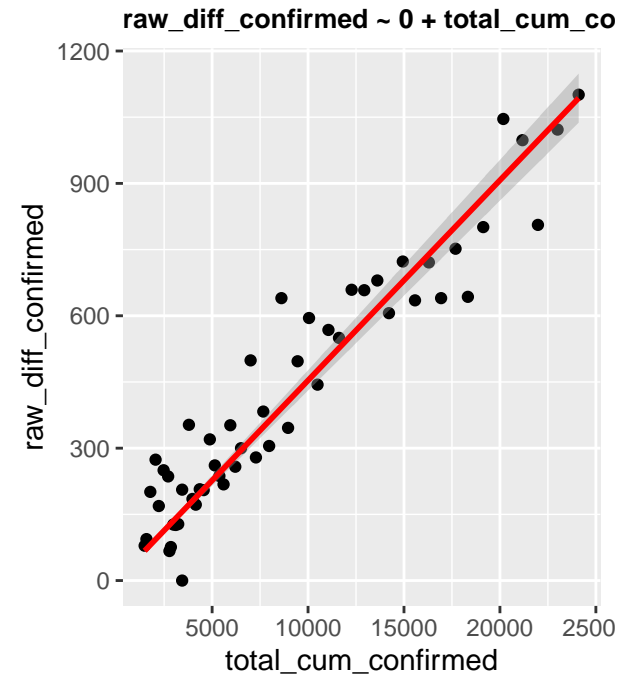
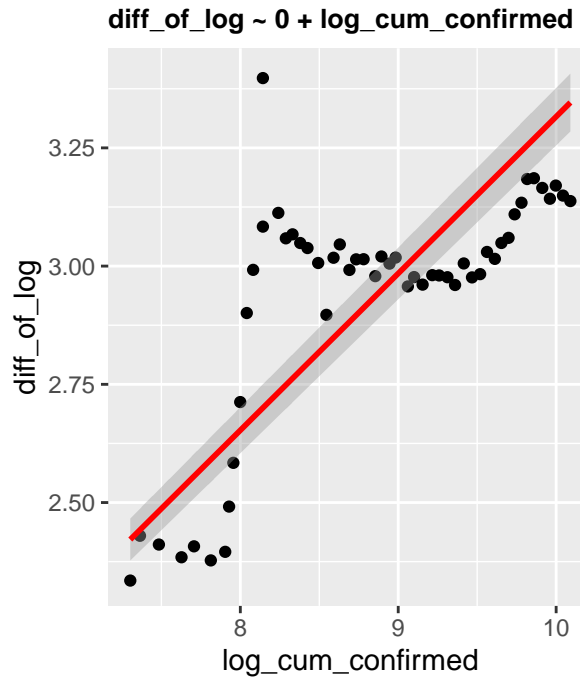
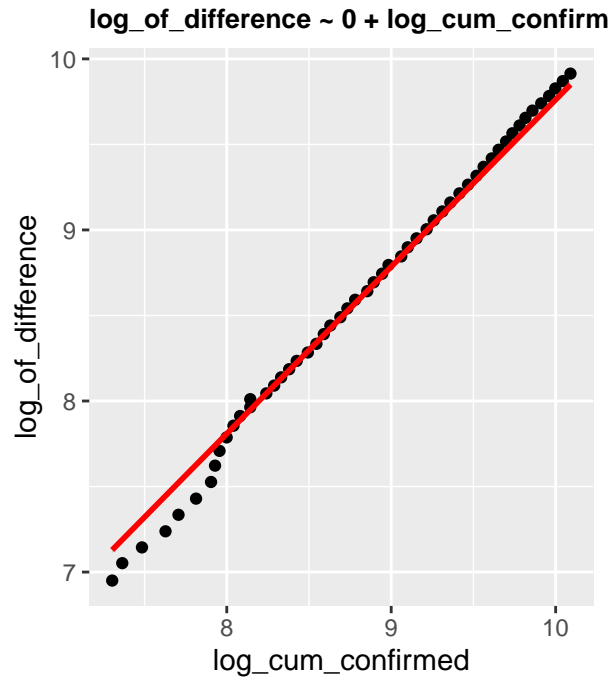
## China

|                                | Dependent variable:                             |                                                |                                              |
|--------------------------------|-------------------------------------------------|------------------------------------------------|----------------------------------------------|
|                                | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                    |
| log_cum_confirmed              | 0.991***<br>(0.002)<br>t = 485.518<br>p = 0.000 | 0.592***<br>(0.020)<br>t = 30.040<br>p = 0.000 |                                              |
| total_cum_confirmed            |                                                 |                                                | 0.005**<br>(0.002)<br>t = 2.431<br>p = 0.017 |
| R2                             | 0.999                                           | 0.883                                          | 0.047                                        |
| Residual Std. Error (df = 119) | 0.250                                           | 2.407                                          | 1,819.885                                    |
| F Statistic (df = 1; 119)      | 235,728.200*** (p = 0.000)                      | 902.418*** (p = 0.000)                         | 5.910** (p = 0.017)                          |



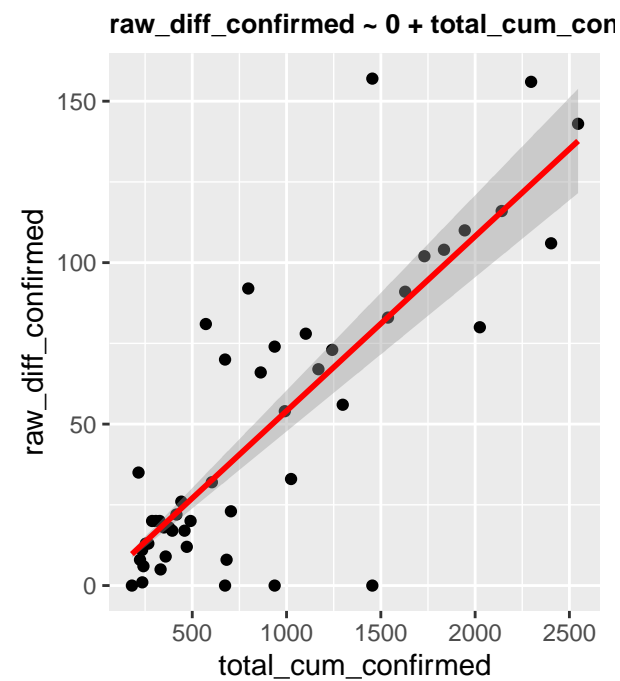
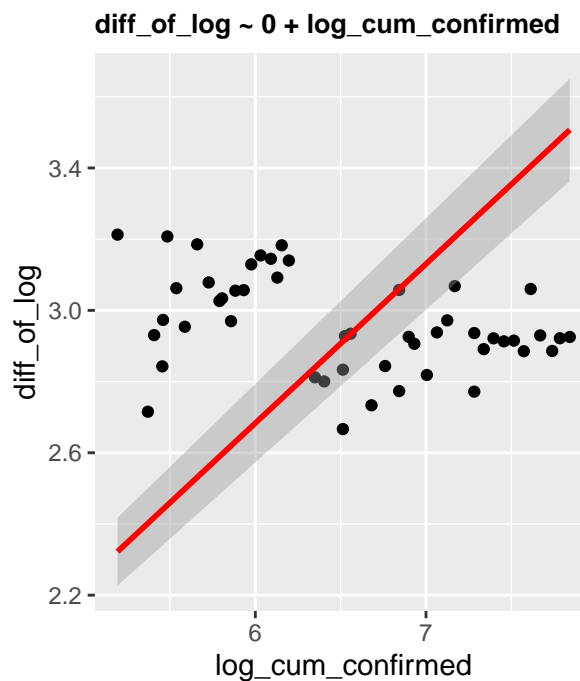
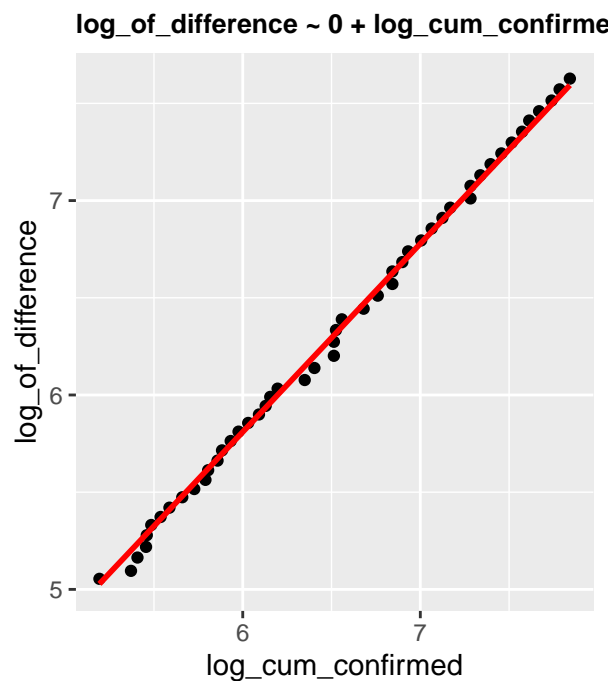
## Colombia

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.976***<br>(0.001)<br>t = 823.422<br>p = 0.000 | 0.332***<br>(0.003)<br>t = 109.690<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.045***<br>(0.001)<br>t = 39.464<br>p = 0.000 |
| R2                            | 1.000                                           | 0.996                                           | 0.968                                          |
| Residual Std. Error (df = 52) | 0.076                                           | 0.195                                           | 92.917                                         |
| F Statistic (df = 1; 52)      | 678,024.000*** (p = 0.000)                      | 12,031.840*** (p = 0.000)                       | 1,557.408*** (p = 0.000)                       |



## Congo (Kinshasa)

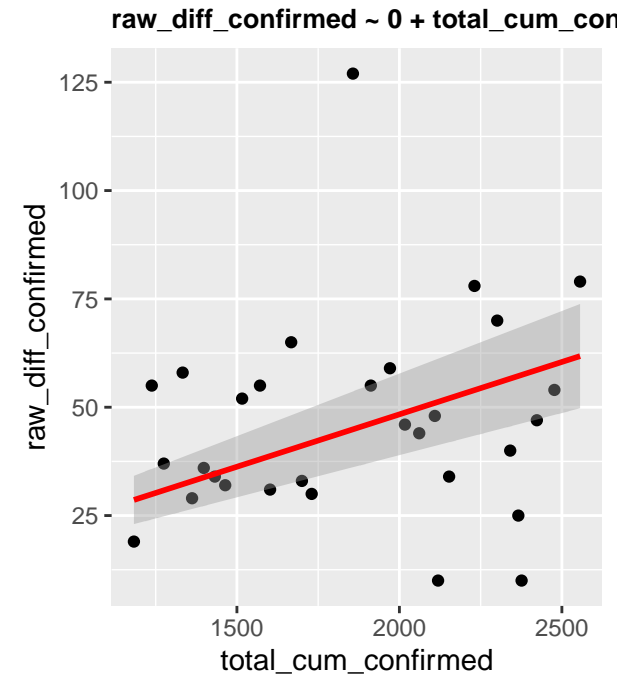
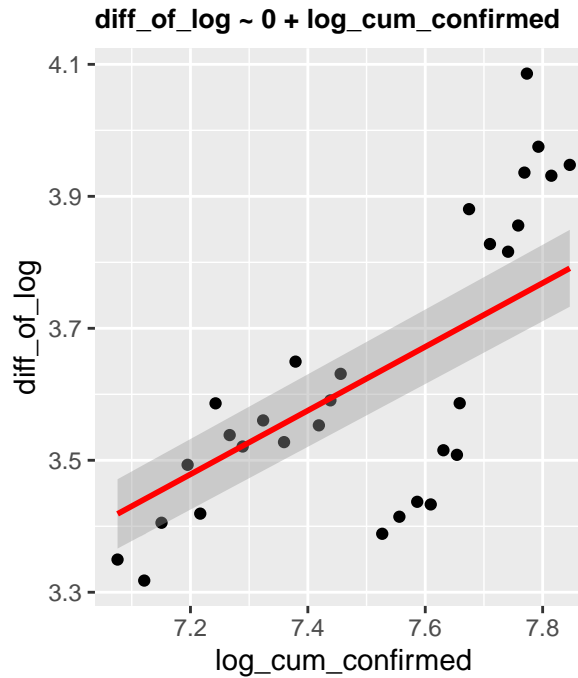
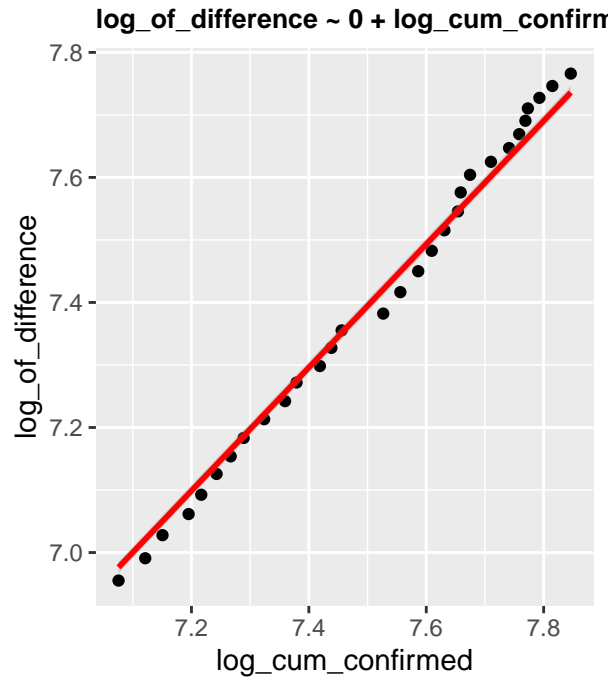
|                               | Dependent variable:                               |                                                |                                                |
|-------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.968***<br>(0.001)<br>t = 1,180.813<br>p = 0.000 | 0.447***<br>(0.009)<br>t = 48.979<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                   |                                                | 0.054***<br>(0.003)<br>t = 17.145<br>p = 0.000 |
| R2                            | 1.000                                             | 0.980                                          | 0.860                                          |
| Residual Std. Error (df = 48) | 0.038                                             | 0.420                                          | 24.749                                         |
| F Statistic (df = 1; 48)      | 1,394,319.000*** (p = 0.000)                      | 2,398.930*** (p = 0.000)                       | 293.960*** (p = 0.000)                         |





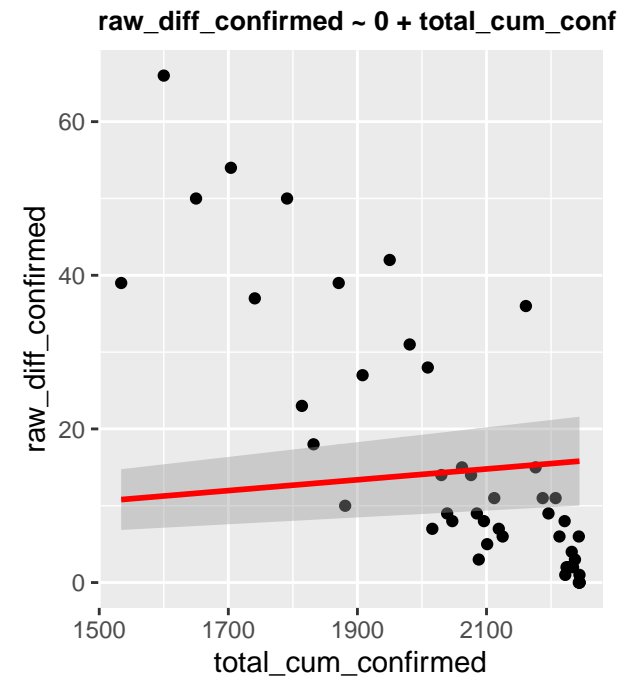
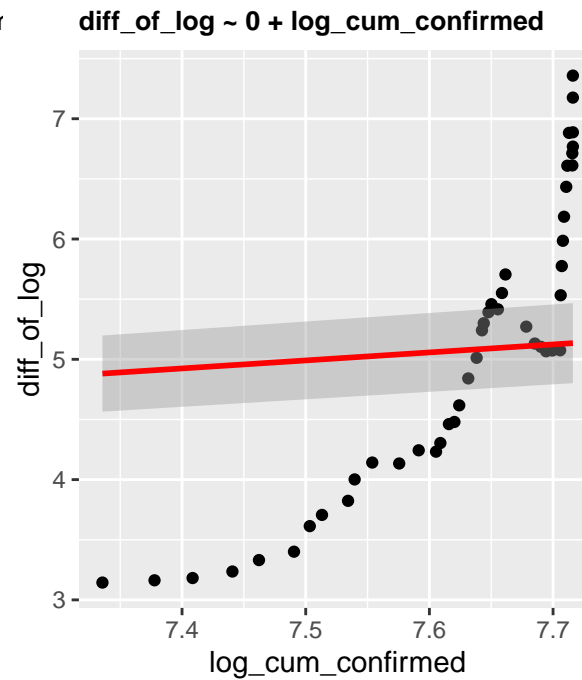
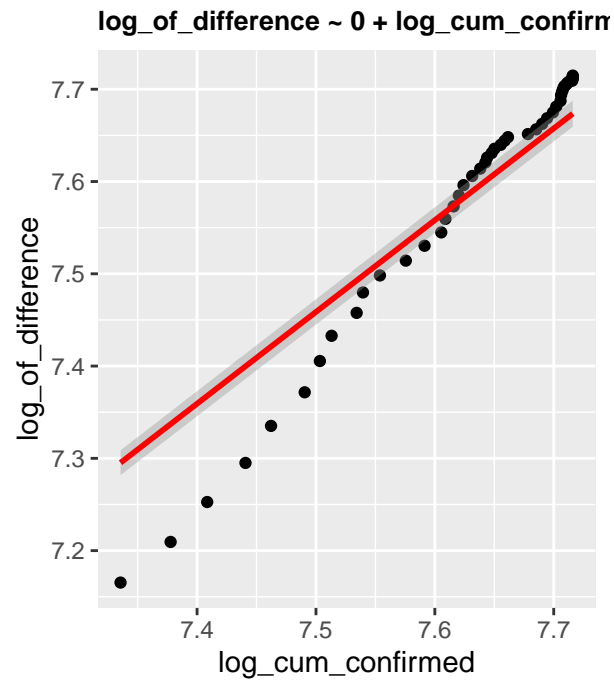
## Cote d'Ivoire

|                               | Dependent variable:                               |                                                 |                                                |
|-------------------------------|---------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.986***<br>(0.001)<br>t = 1,575.775<br>p = 0.000 | 0.483***<br>(0.004)<br>t = 133.109<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                   |                                                 | 0.024***<br>(0.002)<br>t = 10.509<br>p = 0.000 |
| R2                            | 1.000                                             | 0.998                                           | 0.792                                          |
| Residual Std. Error (df = 29) | 0.026                                             | 0.149                                           | 23.992                                         |
| F Statistic (df = 1; 29)      | 2,483,066.000*** (p = 0.000)                      | 17,717.910*** (p = 0.000)                       | 110.441*** (p = 0.000)                         |



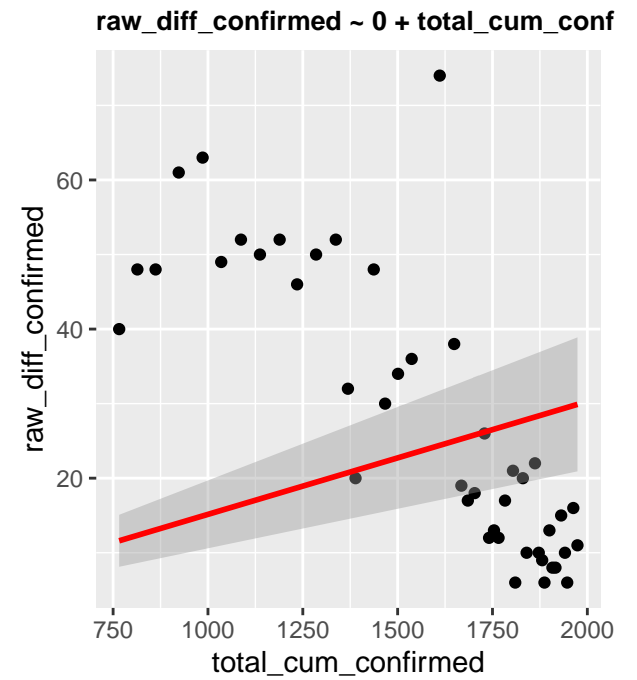
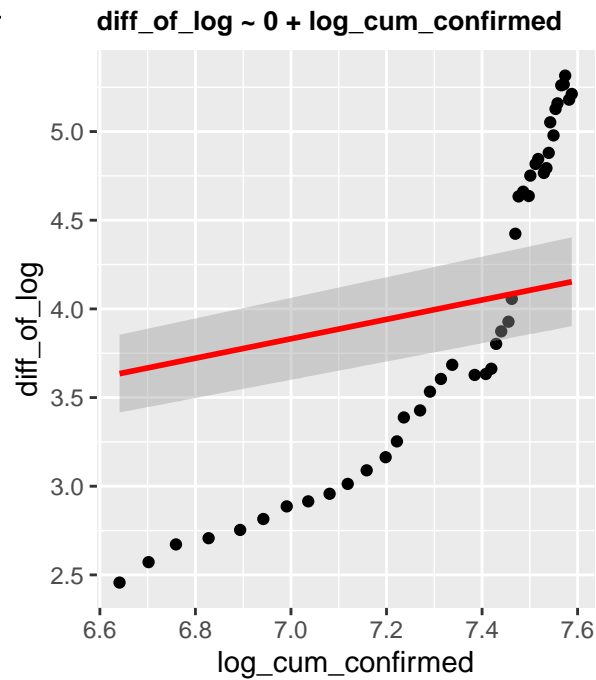
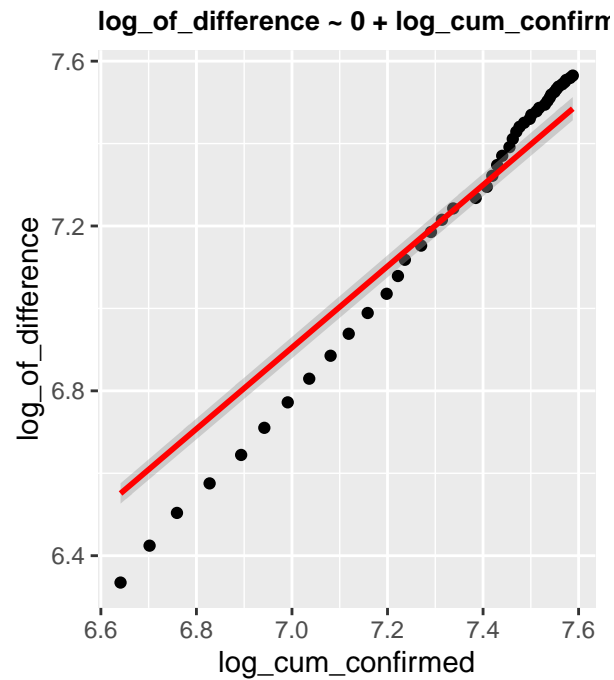
## Croatia

|                               | Dependent variable:                               |                                                |                                                 |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.994***<br>(0.001)<br>t = 1,092.580<br>p = 0.000 | 0.665***<br>(0.021)<br>t = 31.060<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                   |                                                | 0.007***<br>(0.001)<br>t = 5.497<br>p = 0.00001 |
| R2                            | 1.000                                             | 0.954                                          | 0.396                                           |
| Residual Std. Error (df = 46) | 0.048                                             | 1.120                                          | 18.145                                          |
| F Statistic (df = 1; 46)      | 1,193,730.000*** (p = 0.000)                      | 964.702*** (p = 0.000)                         | 30.217*** (p = 0.00001)                         |



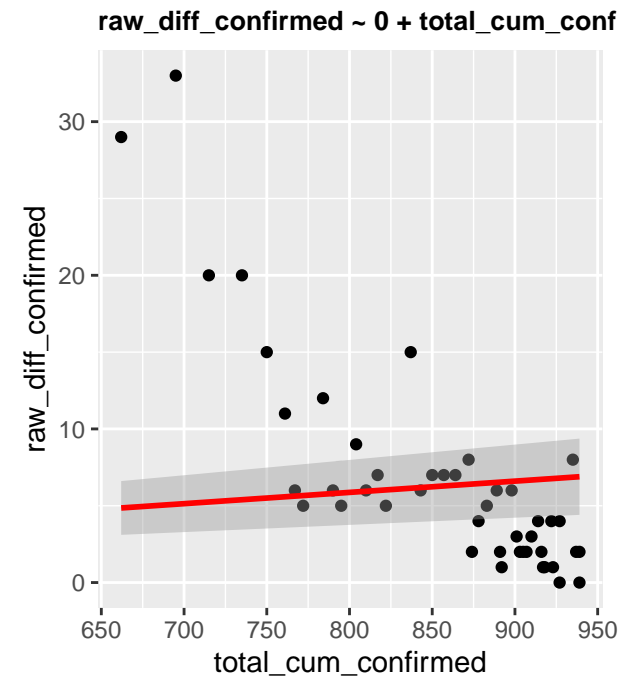
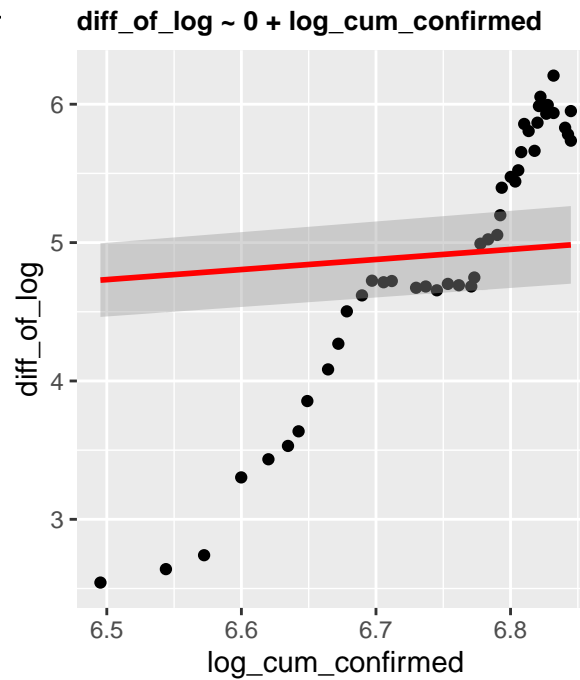
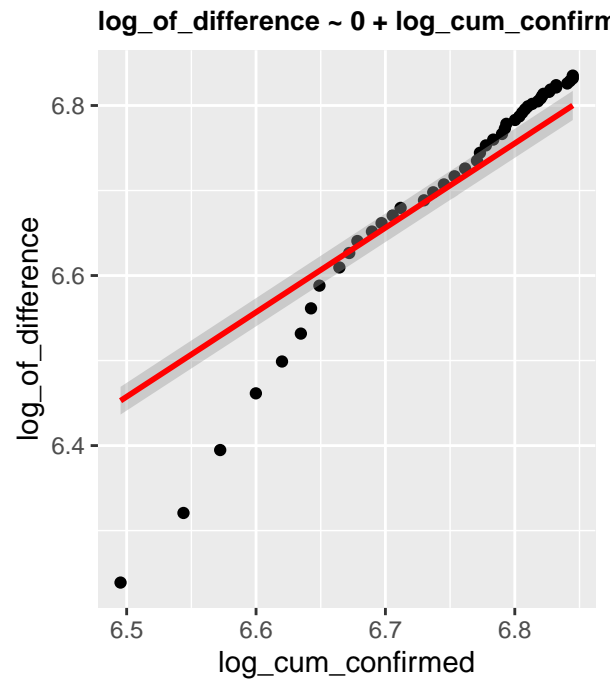
## Cuba

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.986***<br>(0.002)<br>t = 535.657<br>p = 0.000 | 0.547***<br>(0.016)<br>t = 33.455<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.015***<br>(0.002)<br>t = 6.711<br>p = 0.00000 |
| R2                            | 1.000                                           | 0.963                                          | 0.512                                           |
| Residual Std. Error (df = 43) | 0.089                                           | 0.795                                          | 23.983                                          |
| F Statistic (df = 1; 43)      | 286,928.000*** (p = 0.000)                      | 1,119.266*** (p = 0.000)                       | 45.035*** (p = 0.00000)                         |



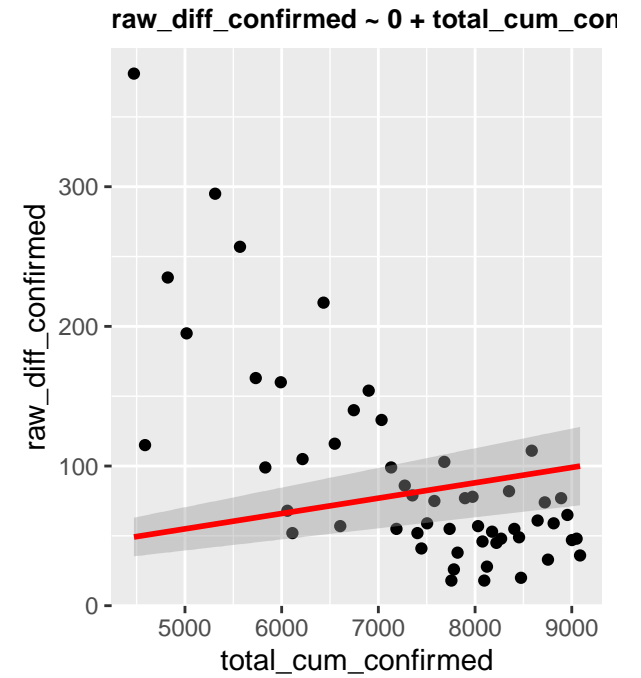
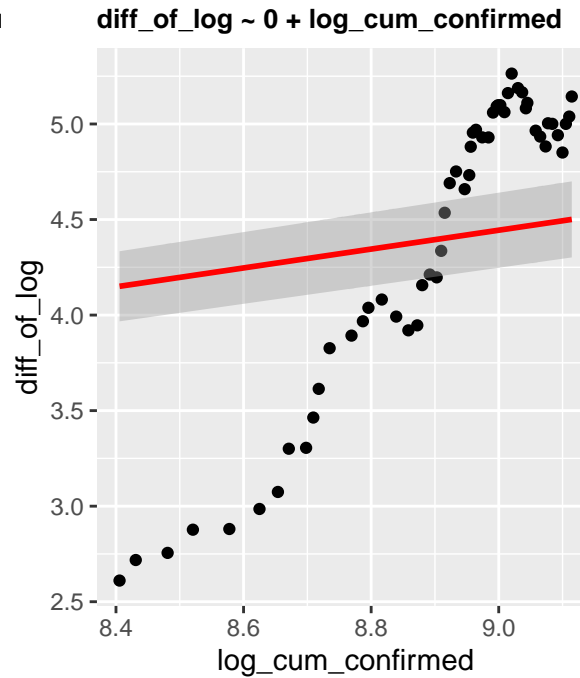
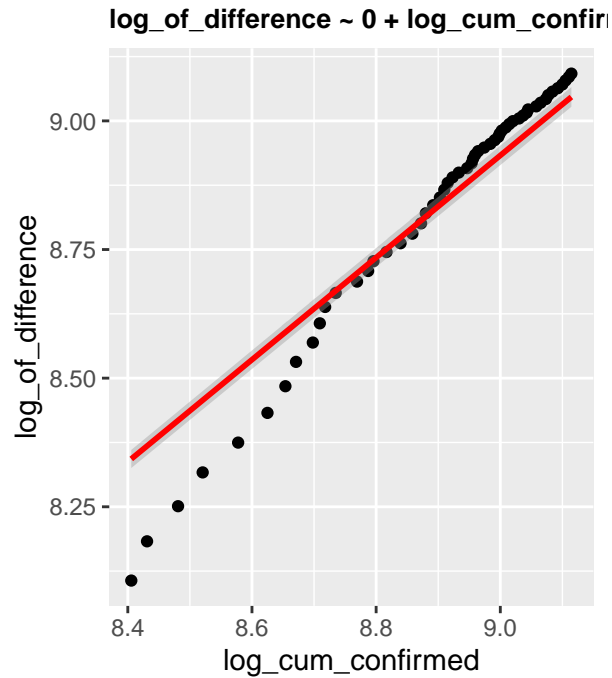
## Cyprus

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.993***<br>(0.001)<br>t = 797.432<br>p = 0.000 | 0.728***<br>(0.020)<br>t = 35.811<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.007***<br>(0.001)<br>t = 5.592<br>p = 0.00001 |
| R2                            | 1.000                                           | 0.967                                          | 0.415                                           |
| Residual Std. Error (df = 44) | 0.056                                           | 0.920                                          | 7.544                                           |
| F Statistic (df = 1; 44)      | 635,897.700*** (p = 0.000)                      | 1,282.420*** (p = 0.000)                       | 31.275*** (p = 0.00001)                         |



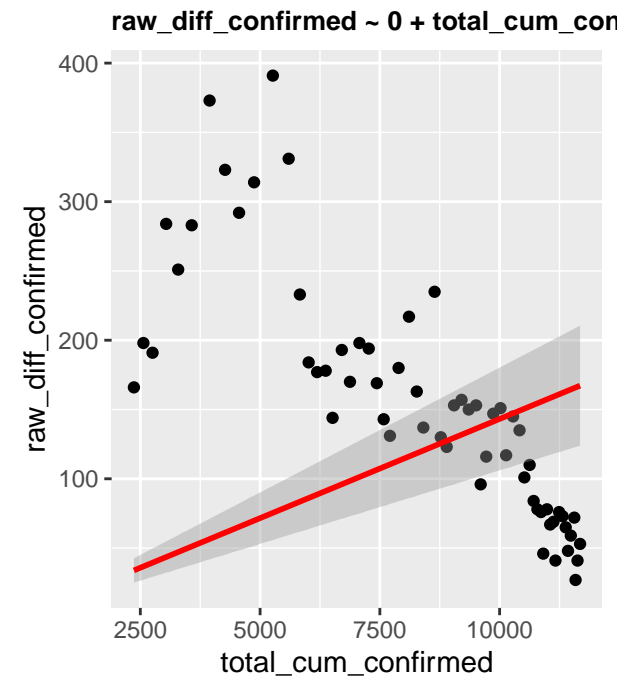
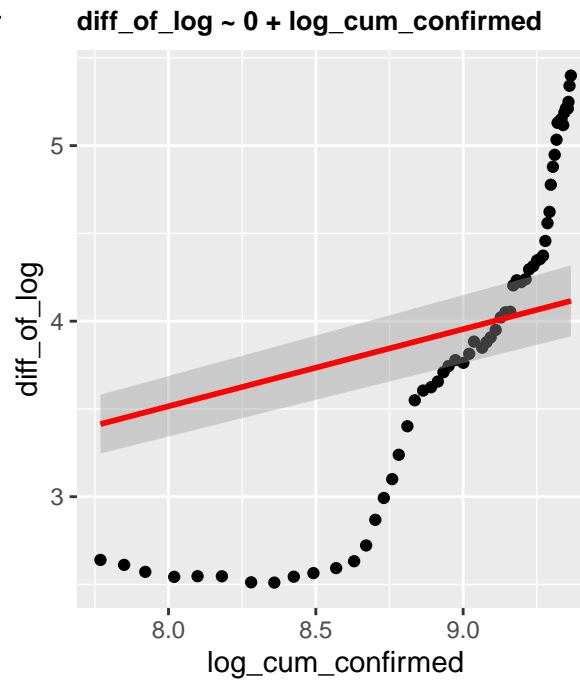
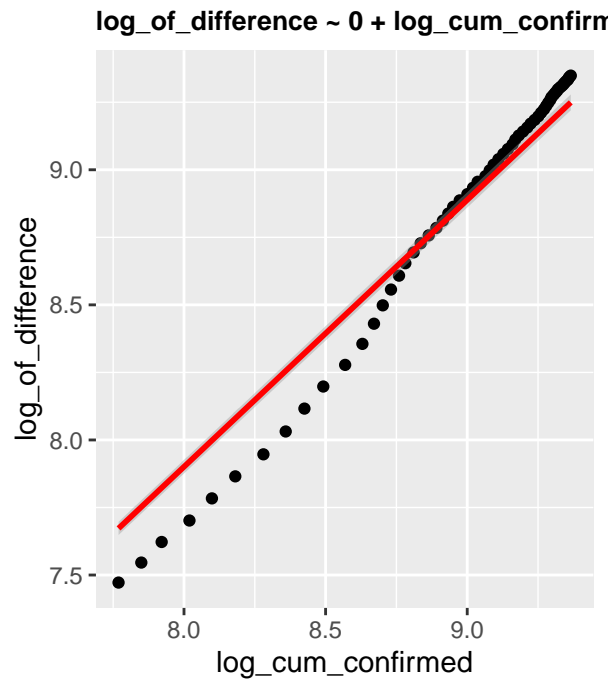
## Czechia

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference                               | diff_of_log                                    | raw_diff_confirmed                            |
|                               | (1)                                             | (2)                                            | (3)                                           |
| log_cum_confirmed             | 0.993***<br>(0.001)<br>t = 950.053<br>p = 0.000 | 0.494***<br>(0.011)<br>t = 45.380<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.011***<br>(0.002)<br>t = 7.145<br>p = 0.000 |
| R2                            | 1.000                                           | 0.975                                          | 0.491                                         |
| Residual Std. Error (df = 53) | 0.068                                           | 0.711                                          | 84.677                                        |
| F Statistic (df = 1; 53)      | 902,600.000*** (p = 0.000)                      | 2,059.363*** (p = 0.000)                       | 51.053*** (p = 0.000)                         |



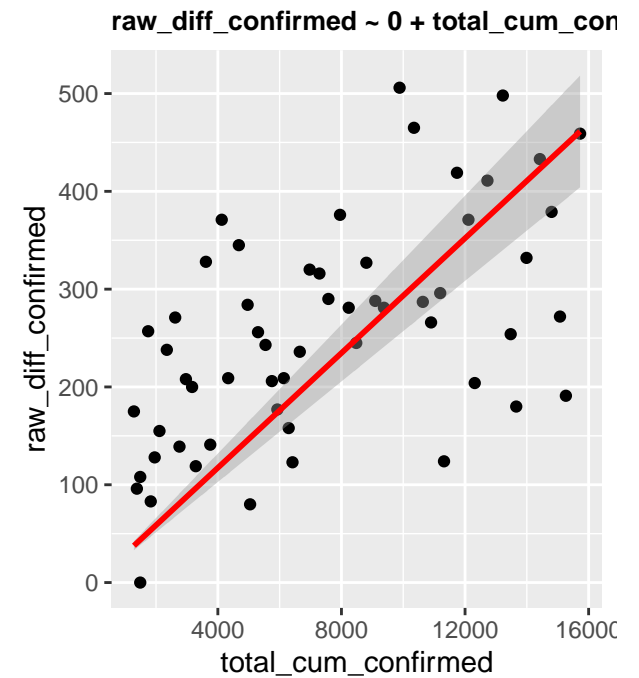
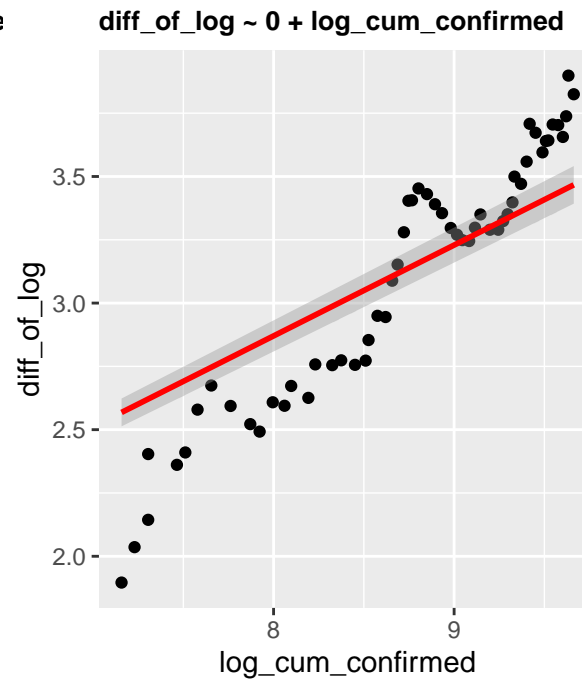
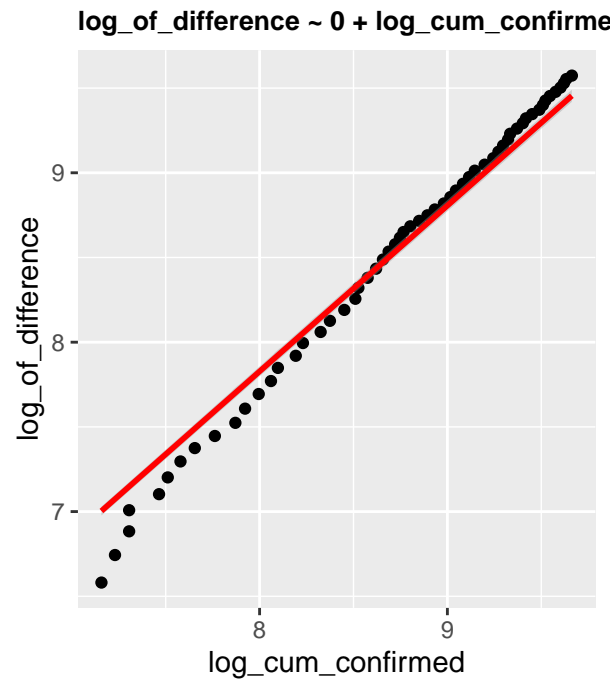
## Denmark

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.988***<br>(0.002)<br>t = 628.171<br>p = 0.000 | 0.439***<br>(0.011)<br>t = 40.822<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.014***<br>(0.002)<br>t = 7.729<br>p = 0.000 |
| R2                            | 1.000                                           | 0.965                                          | 0.499                                         |
| Residual Std. Error (df = 60) | 0.110                                           | 0.753                                          | 126.493                                       |
| F Statistic (df = 1; 60)      | 394,599.300*** (p = 0.000)                      | 1,666.454*** (p = 0.000)                       | 59.731*** (p = 0.000)                         |



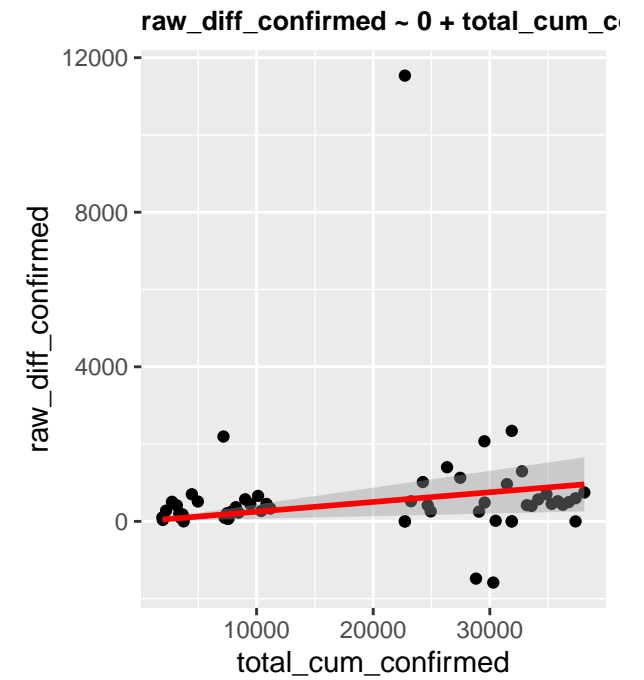
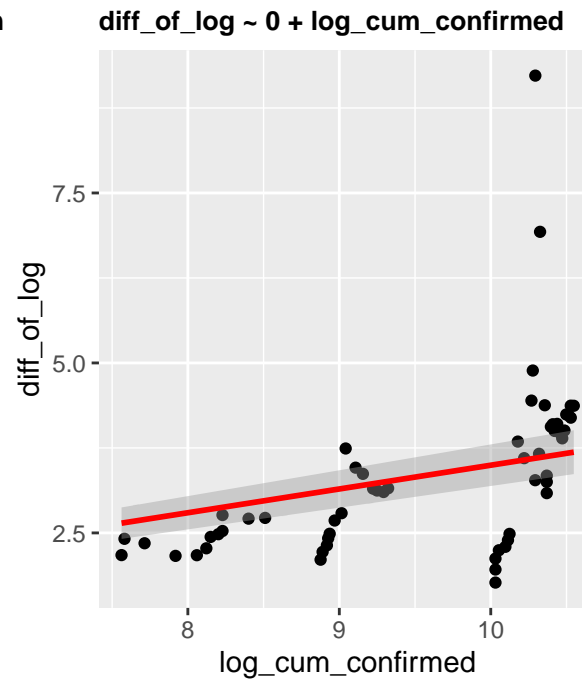
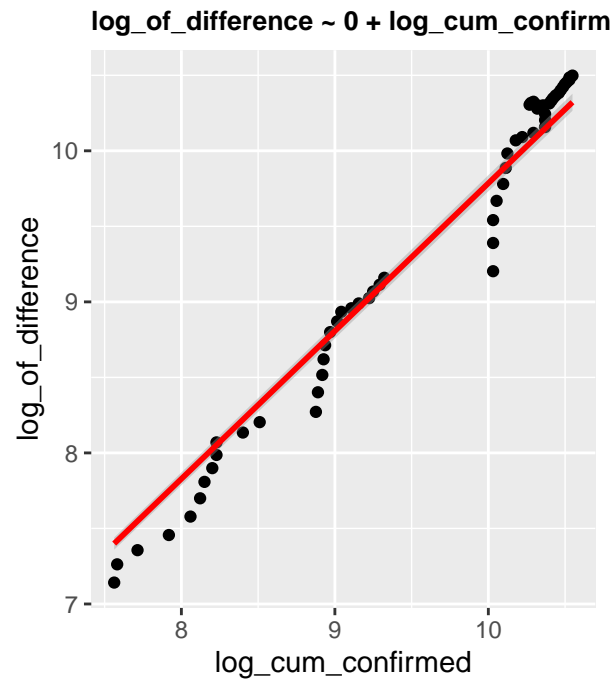
## Dominican Republic

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.978***<br>(0.002)<br>t = 531.556<br>p = 0.000 | 0.359***<br>(0.004)<br>t = 93.576<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.029***<br>(0.002)<br>t = 16.179<br>p = 0.000 |
| R2                            | 1.000                                           | 0.994                                          | 0.824                                          |
| Residual Std. Error (df = 56) | 0.121                                           | 0.253                                          | 118.467                                        |
| F Statistic (df = 1; 56)      | 282,551.700*** (p = 0.000)                      | 8,756.403*** (p = 0.000)                       | 261.750*** (p = 0.000)                         |



## Ecuador

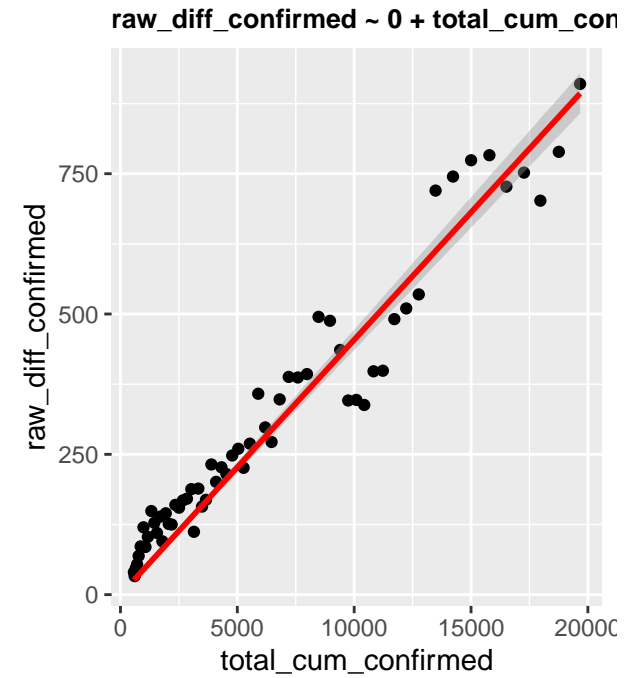
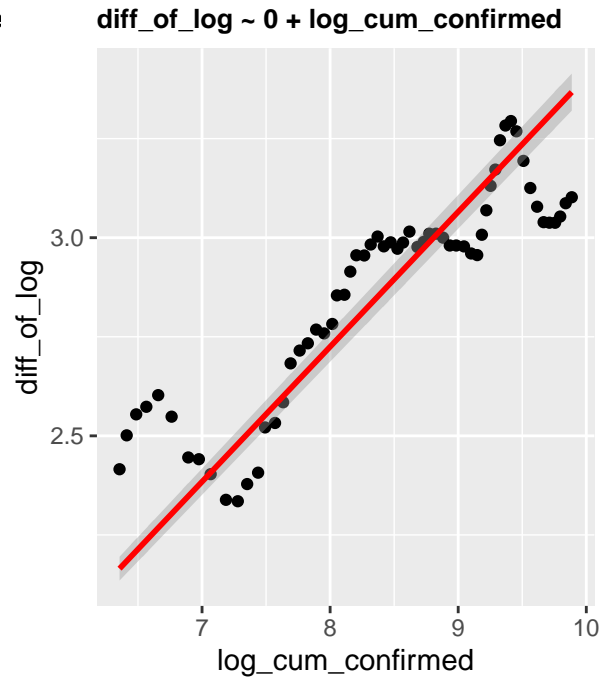
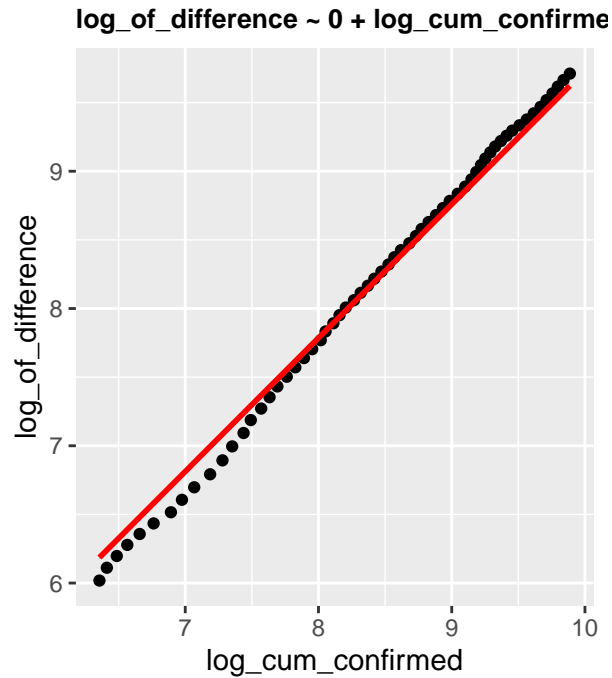
|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.979***<br>(0.003)<br>t = 366.425<br>p = 0.000 | 0.350***<br>(0.015)<br>t = 22.898<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.025***<br>(0.009)<br>t = 2.736<br>p = 0.009 |
| R2                            | 1.000                                           | 0.903                                          | 0.118                                         |
| Residual Std. Error (df = 56) | 0.193                                           | 1.104                                          | 1,617.552                                     |
| F Statistic (df = 1; 56)      | 134,267.100*** (p = 0.000)                      | 524.305*** (p = 0.000)                         | 7.485*** (p = 0.009)                          |





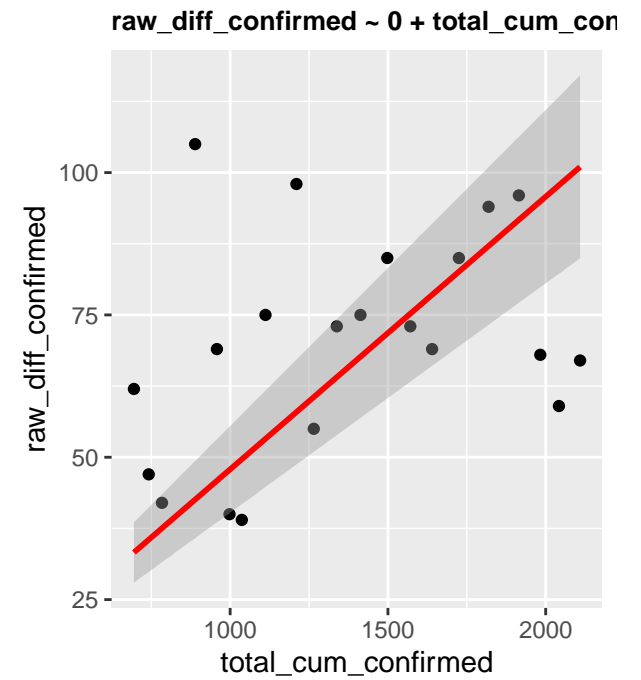
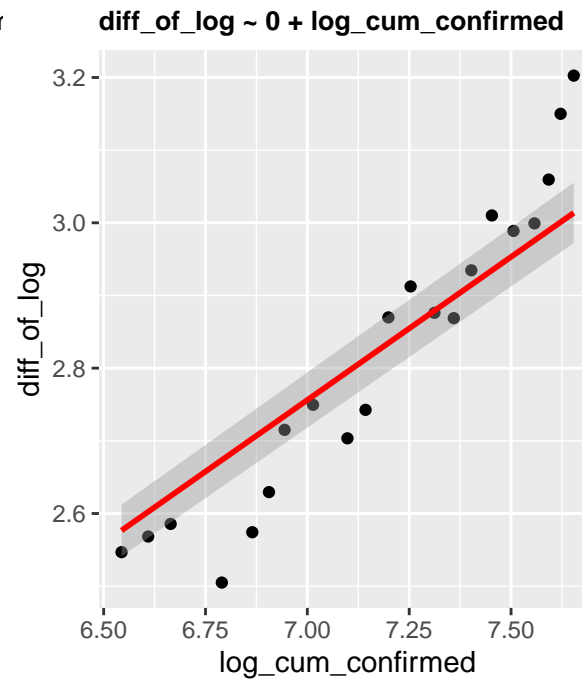
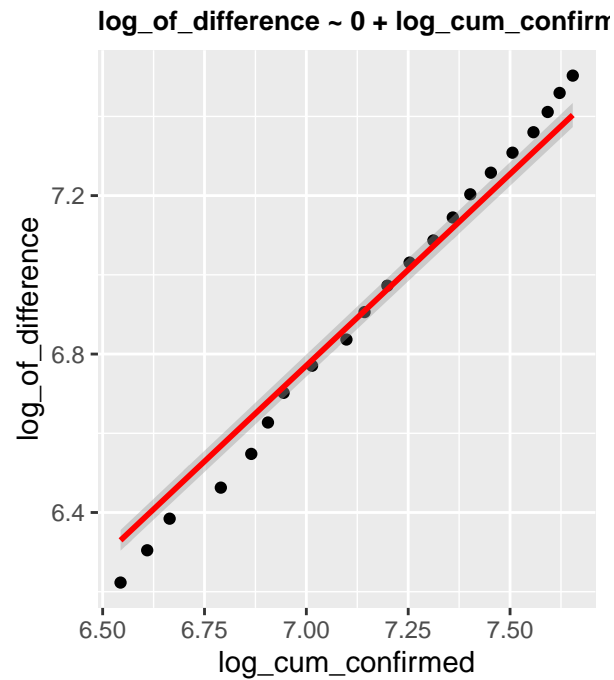
## Egypt

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.973***<br>(0.001)<br>t = 697.789<br>p = 0.000 | 0.341***<br>(0.002)<br>t = 144.009<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.045***<br>(0.001)<br>t = 50.451<br>p = 0.000 |
| R2                            | 1.000                                           | 0.997                                           | 0.977                                          |
| Residual Std. Error (df = 60) | 0.092                                           | 0.156                                           | 59.407                                         |
| F Statistic (df = 1; 60)      | 486,909.300*** (p = 0.000)                      | 20,738.530*** (p = 0.000)                       | 2,545.327*** (p = 0.000)                       |



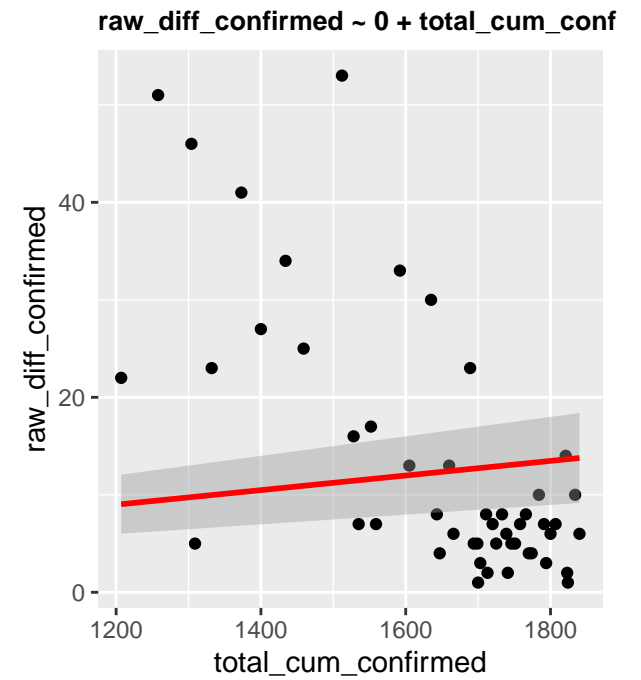
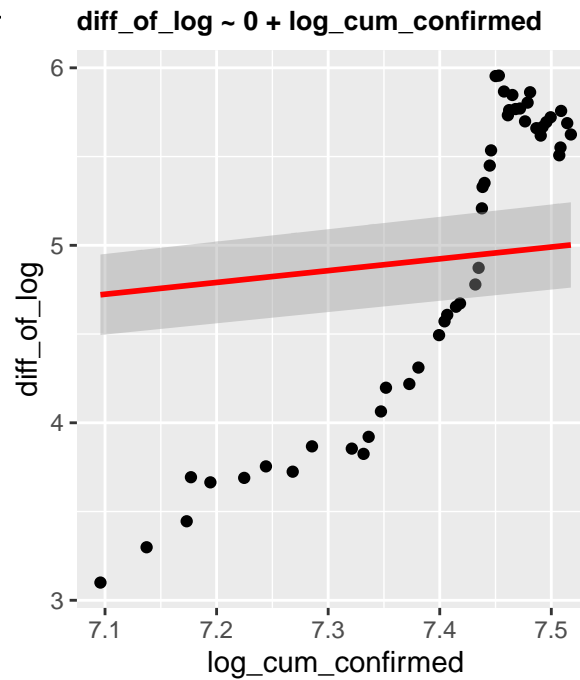
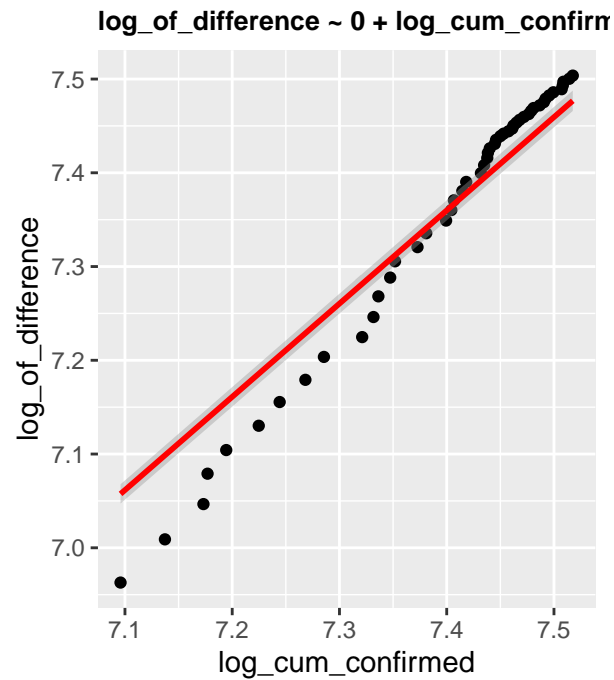
## El Salvador

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.967***<br>(0.002)<br>t = 506.554<br>p = 0.000 | 0.394***<br>(0.003)<br>t = 151.412<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.048***<br>(0.004)<br>t = 13.127<br>p = 0.000 |
| R2                            | 1.000                                           | 0.999                                           | 0.896                                          |
| Residual Std. Error (df = 20) | 0.063                                           | 0.085                                           | 24.036                                         |
| F Statistic (df = 1; 20)      | 256,596.500*** (p = 0.000)                      | 22,925.620*** (p = 0.000)                       | 172.330*** (p = 0.000)                         |



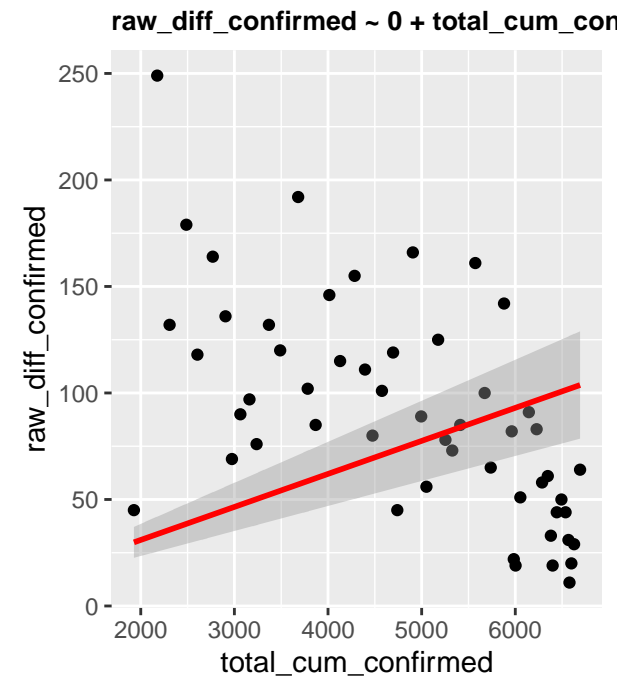
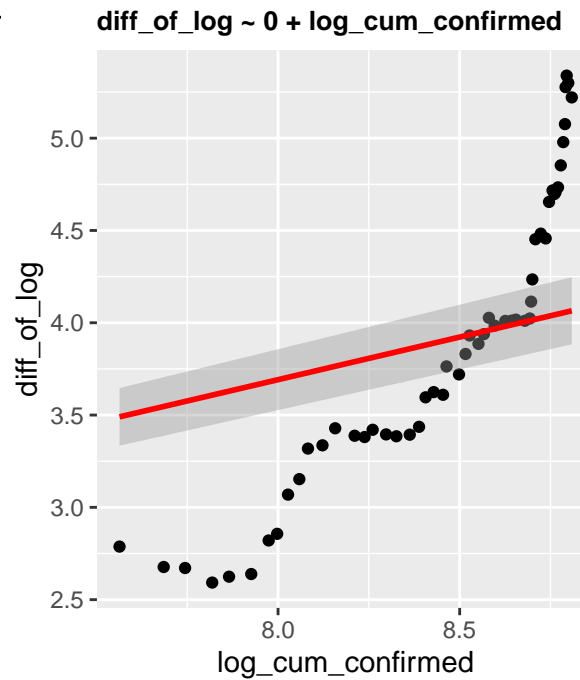
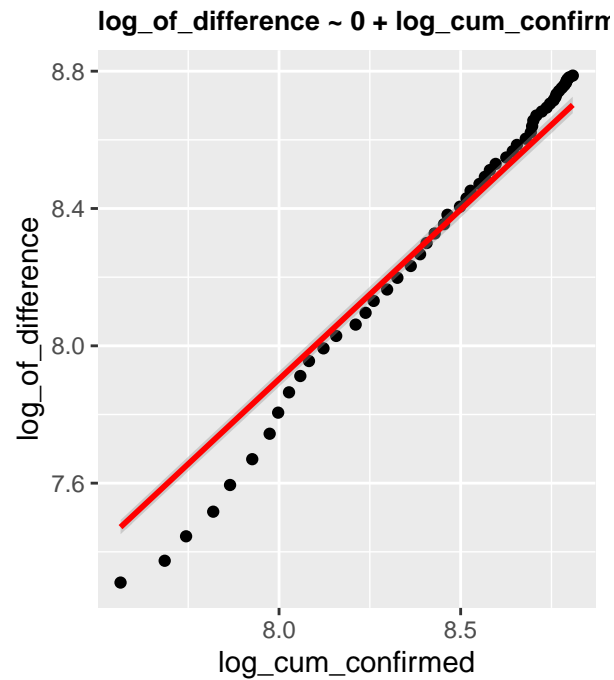
## Estonia

|                               | Dependent variable:                               |                                                |                                                 |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.995***<br>(0.001)<br>t = 1,381.534<br>p = 0.000 | 0.665***<br>(0.016)<br>t = 41.840<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                   |                                                | 0.007***<br>(0.001)<br>t = 6.002<br>p = 0.00000 |
| R2                            | 1.000                                             | 0.973                                          | 0.429                                           |
| Residual Std. Error (df = 48) | 0.037                                             | 0.824                                          | 14.411                                          |
| F Statistic (df = 1; 48)      | 1,908,636.000*** (p = 0.000)                      | 1,750.578*** (p = 0.000)                       | 36.030*** (p = 0.00000)                         |



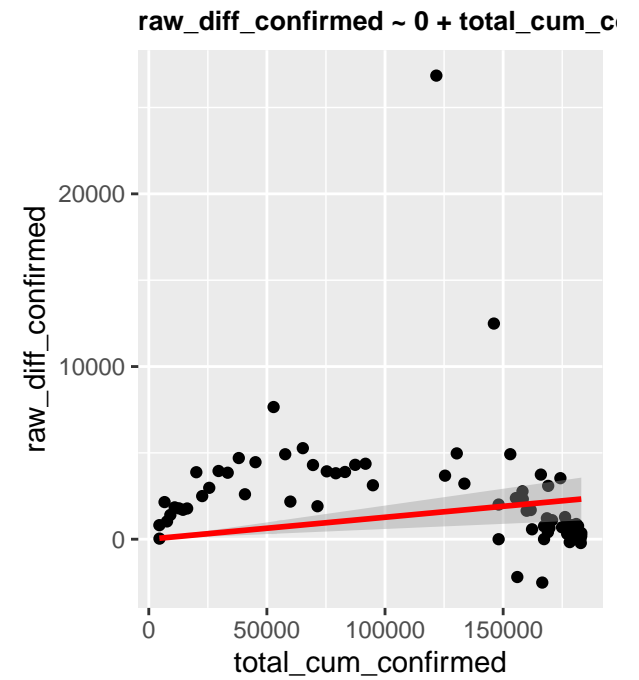
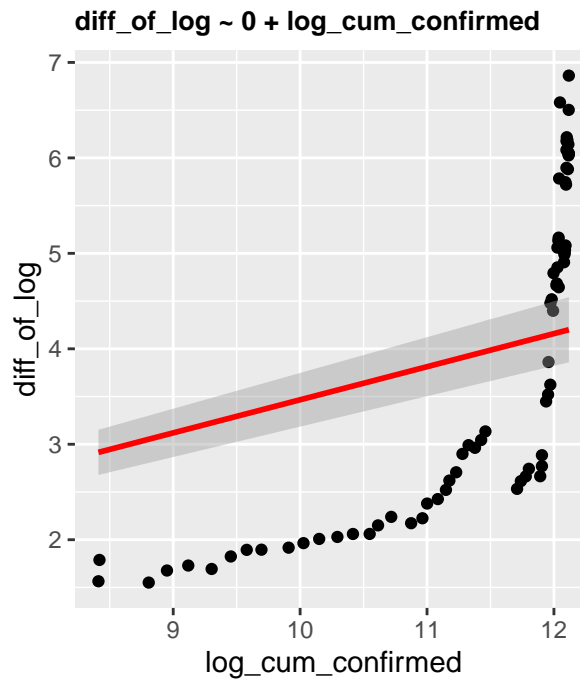
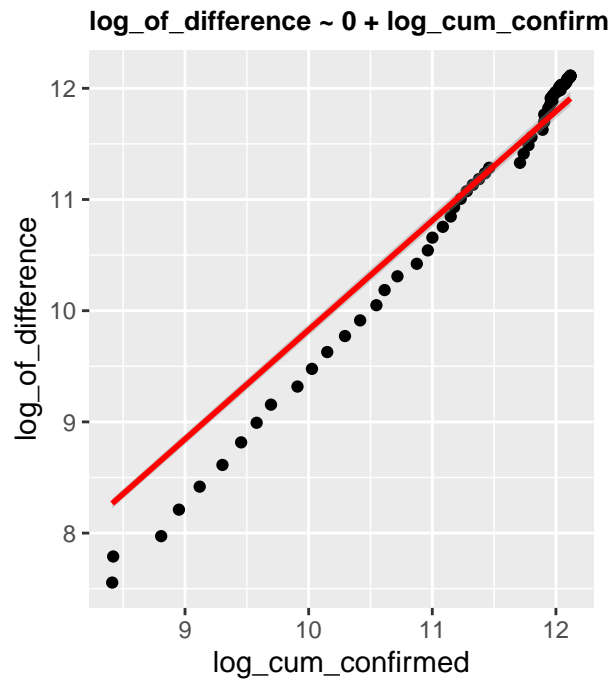
## Finland

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.988***<br>(0.001)<br>t = 724.967<br>p = 0.000 | 0.461***<br>(0.010)<br>t = 44.920<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.016***<br>(0.002)<br>t = 8.266<br>p = 0.000 |
| R2                            | 1.000                                           | 0.975                                          | 0.568                                         |
| Residual Std. Error (df = 52) | 0.084                                           | 0.631                                          | 68.869                                        |
| F Statistic (df = 1; 52)      | 525,577.400*** (p = 0.000)                      | 2,017.811*** (p = 0.000)                       | 68.326*** (p = 0.000)                         |



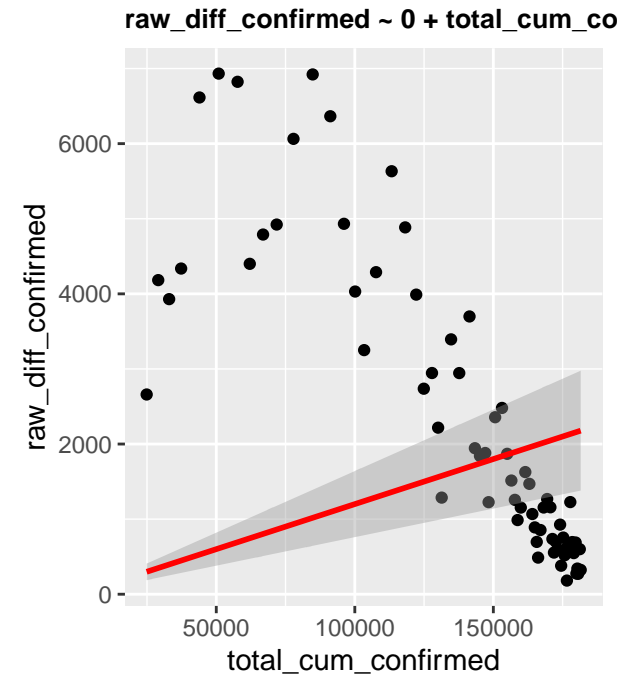
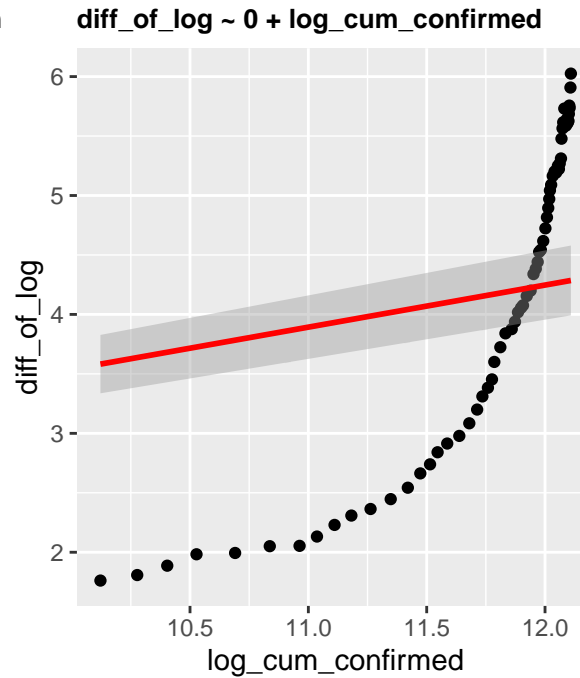
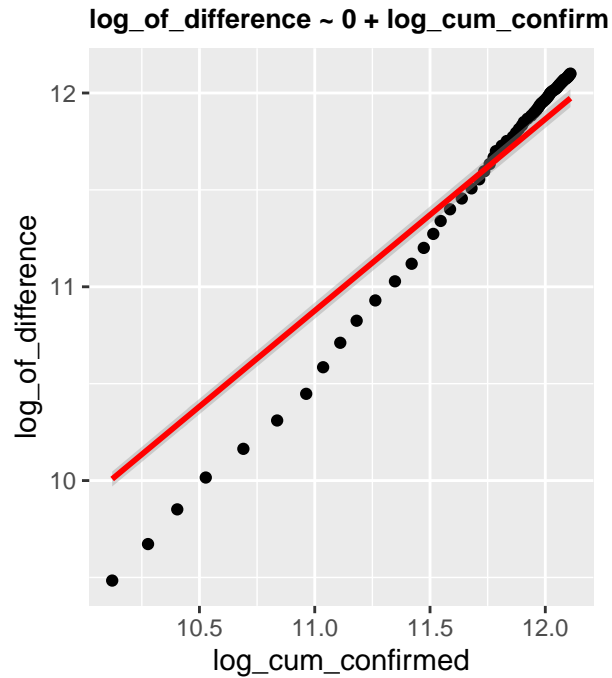
## France

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.983***<br>(0.003)<br>t = 369.743<br>p = 0.000 | 0.347***<br>(0.014)<br>t = 24.561<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.013***<br>(0.003)<br>t = 3.736<br>p = 0.0004 |
| R2                            | 0.999                                           | 0.891                                          | 0.159                                          |
| Residual Std. Error (df = 74) | 0.262                                           | 1.393                                          | 3,984.908                                      |
| F Statistic (df = 1; 74)      | 136,710.300*** (p = 0.000)                      | 603.229*** (p = 0.000)                         | 13.955*** (p = 0.0004)                         |



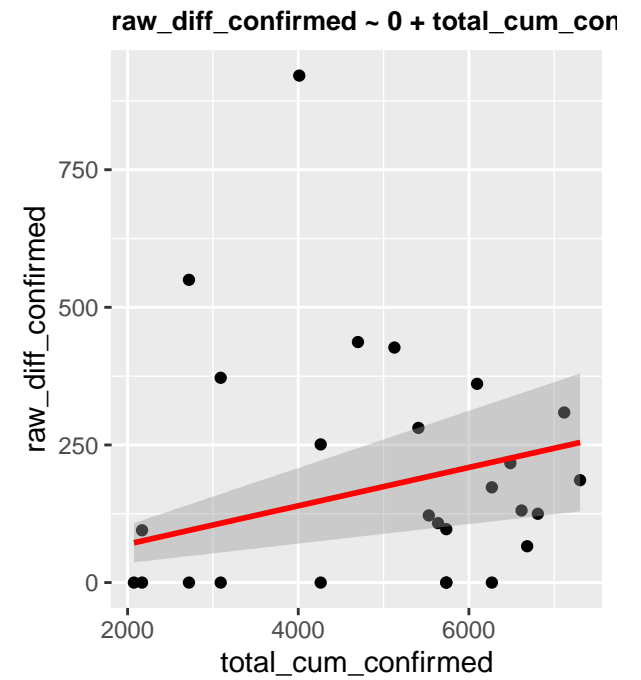
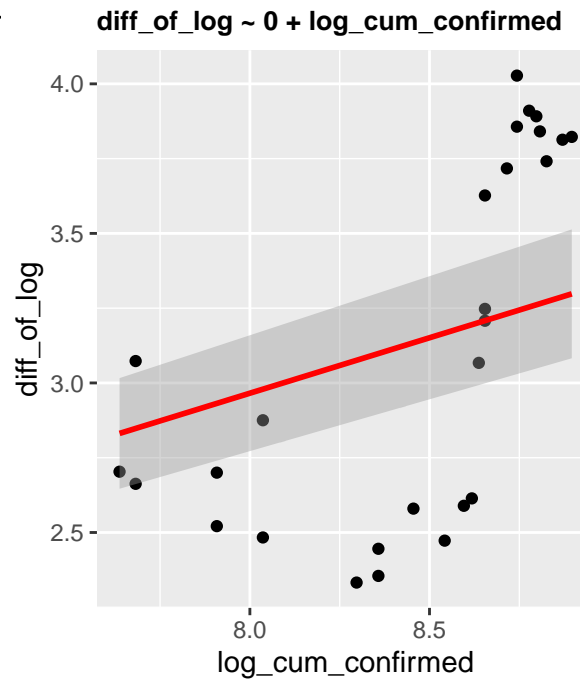
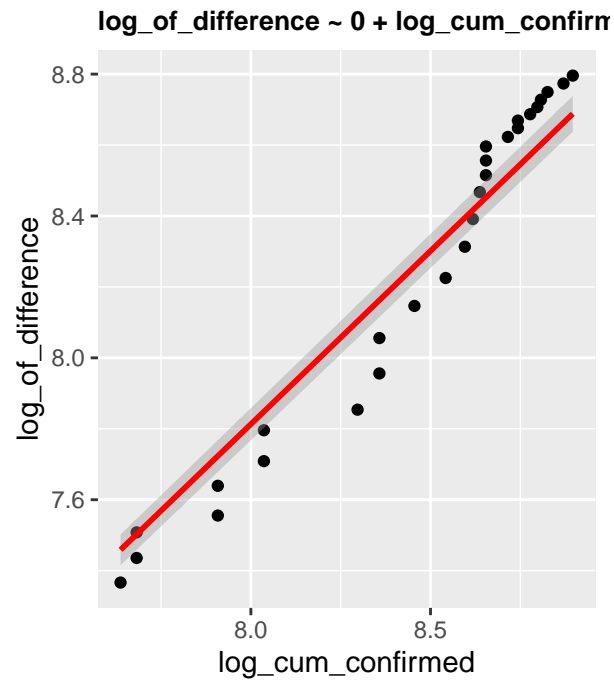
## Germany

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.989***<br>(0.002)<br>t = 519.192<br>p = 0.000 | 0.354***<br>(0.012)<br>t = 29.130<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.012***<br>(0.002)<br>t = 5.448<br>p = 0.00000 |
| R2                            | 1.000                                           | 0.928                                          | 0.310                                           |
| Residual Std. Error (df = 66) | 0.183                                           | 1.167                                          | 2,586.657                                       |
| F Statistic (df = 1; 66)      | 269,560.600*** (p = 0.000)                      | 848.585*** (p = 0.000)                         | 29.679*** (p = 0.00000)                         |



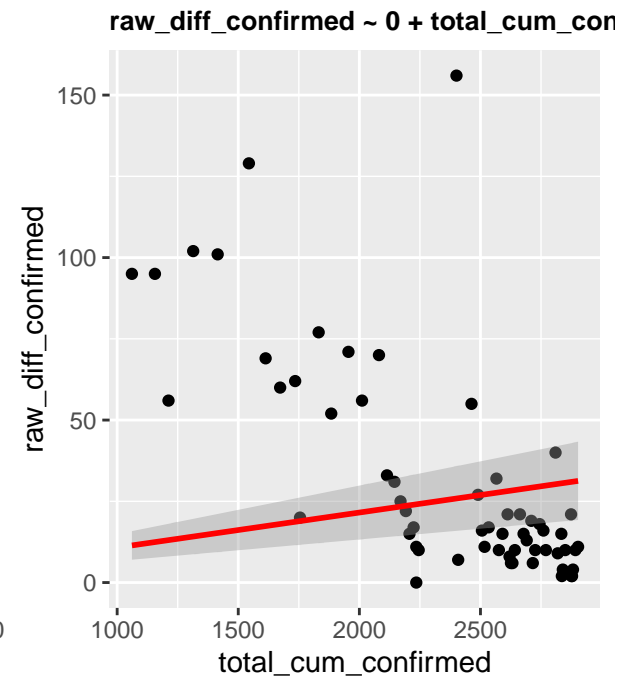
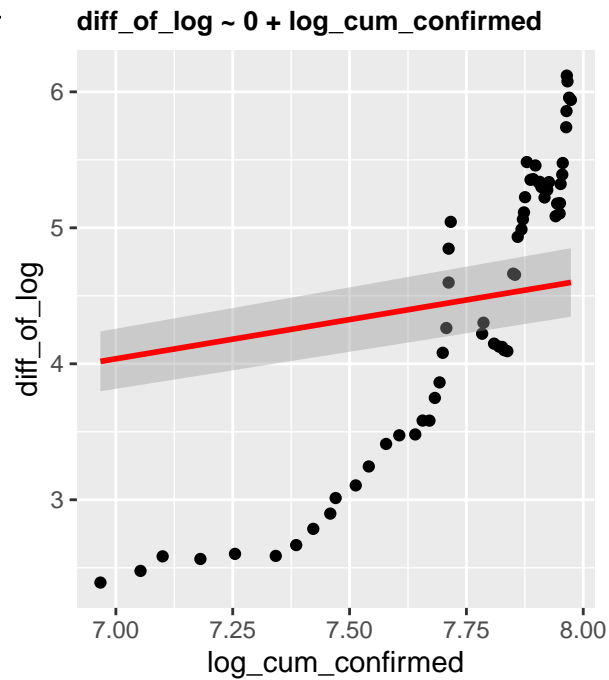
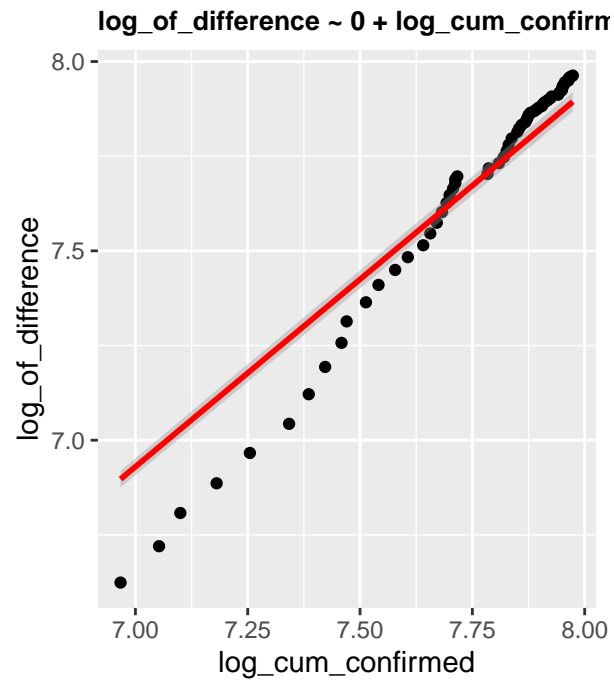
## Ghana

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.977***<br>(0.003)<br>t = 354.323<br>p = 0.000 | 0.371***<br>(0.012)<br>t = 31.470<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.035***<br>(0.008)<br>t = 4.178<br>p = 0.0003 |
| R2                            | 1.000                                           | 0.974                                          | 0.402                                          |
| Residual Std. Error (df = 26) | 0.121                                           | 0.517                                          | 226.232                                        |
| F Statistic (df = 1; 26)      | 125,544.900*** (p = 0.000)                      | 990.386*** (p = 0.000)                         | 17.452*** (p = 0.0003)                         |



## Greece

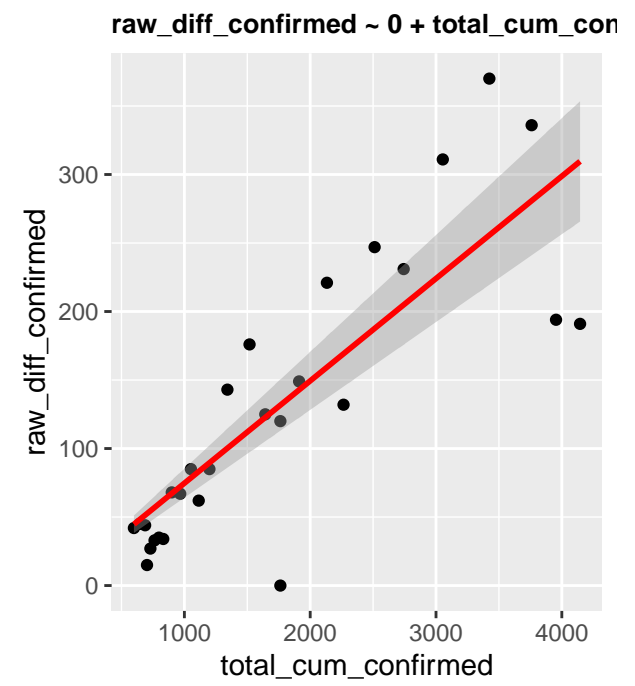
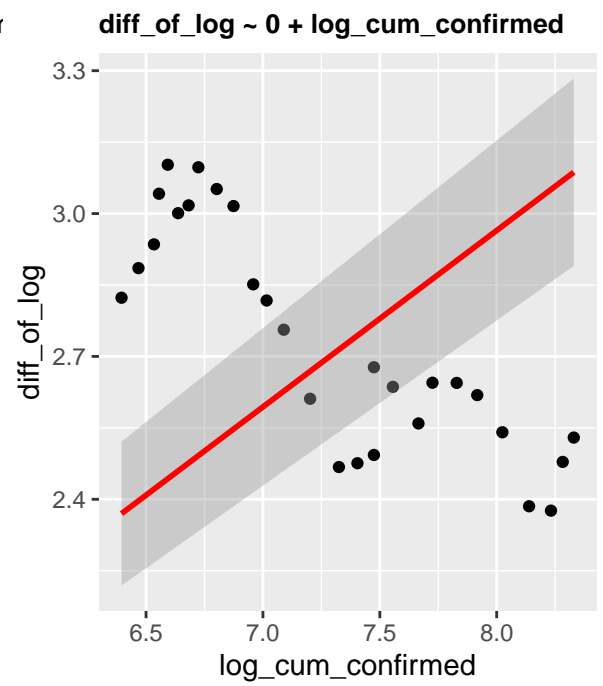
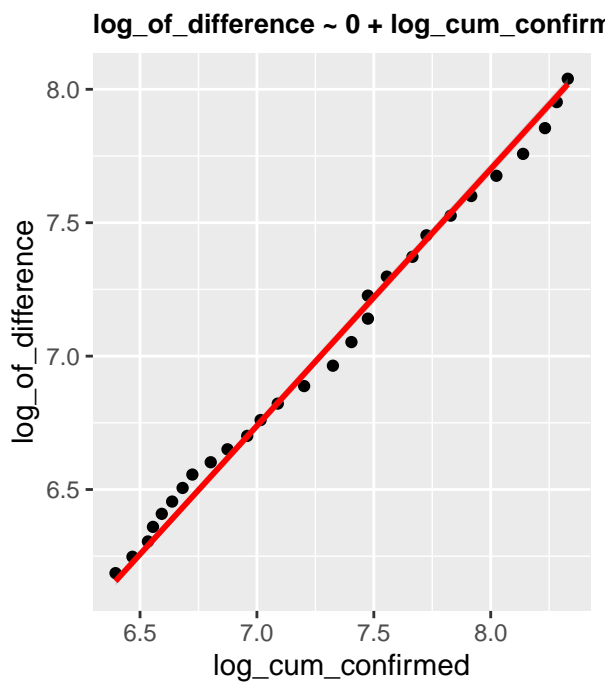
|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.990***<br>(0.002)<br>t = 618.542<br>p = 0.000 | 0.577***<br>(0.016)<br>t = 36.506<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.011***<br>(0.002)<br>t = 5.201<br>p = 0.00001 |
| R2                            | 1.000                                           | 0.957                                          | 0.311                                           |
| Residual Std. Error (df = 60) | 0.097                                           | 0.955                                          | 38.972                                          |
| F Statistic (df = 1; 60)      | 382,593.700*** (p = 0.000)                      | 1,332.683*** (p = 0.000)                       | 27.045*** (p = 0.00001)                         |





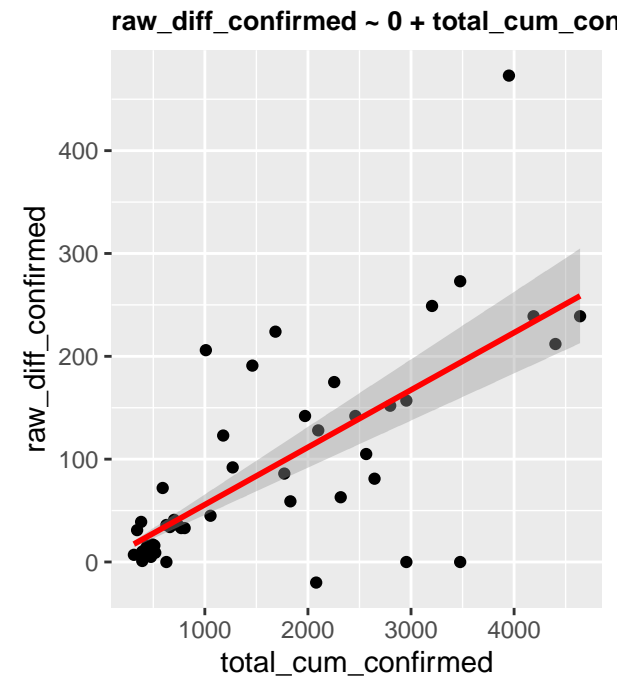
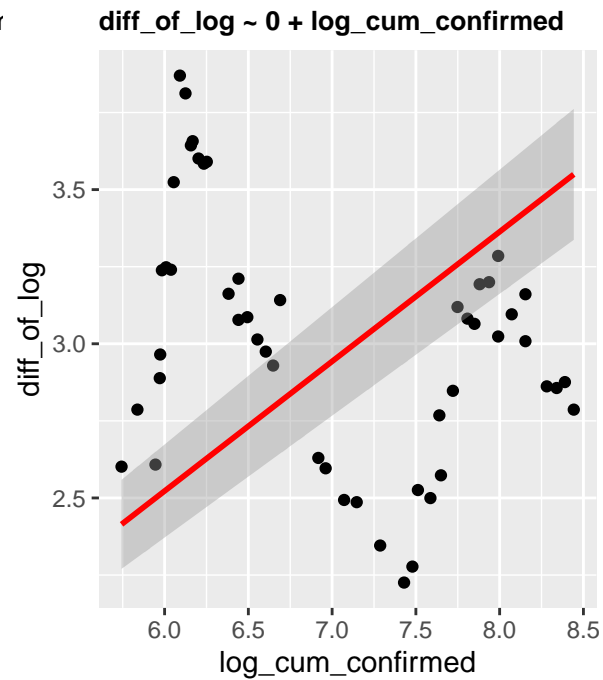
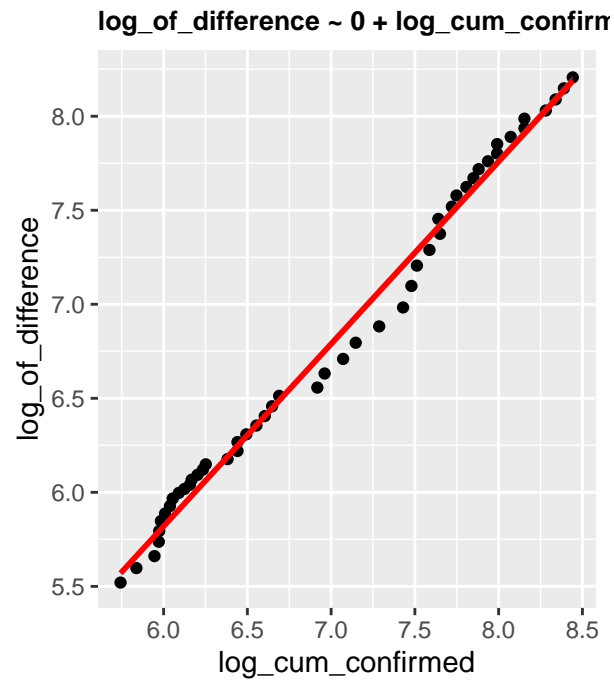
# Guatemala

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.963***<br>(0.001)<br>t = 767.570<br>p = 0.000 | 0.371***<br>(0.012)<br>t = 32.191<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.075***<br>(0.005)<br>t = 14.479<br>p = 0.000 |
| R2                            | 1.000                                           | 0.975                                          | 0.886                                          |
| Residual Std. Error (df = 27) | 0.048                                           | 0.445                                          | 56.014                                         |
| F Statistic (df = 1; 27)      | 589,164.300*** (p = 0.000)                      | 1,036.241*** (p = 0.000)                       | 209.641*** (p = 0.000)                         |



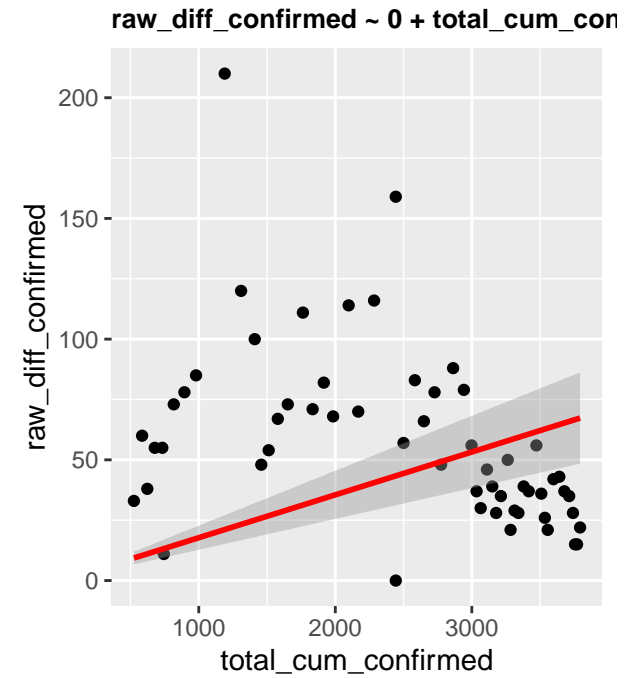
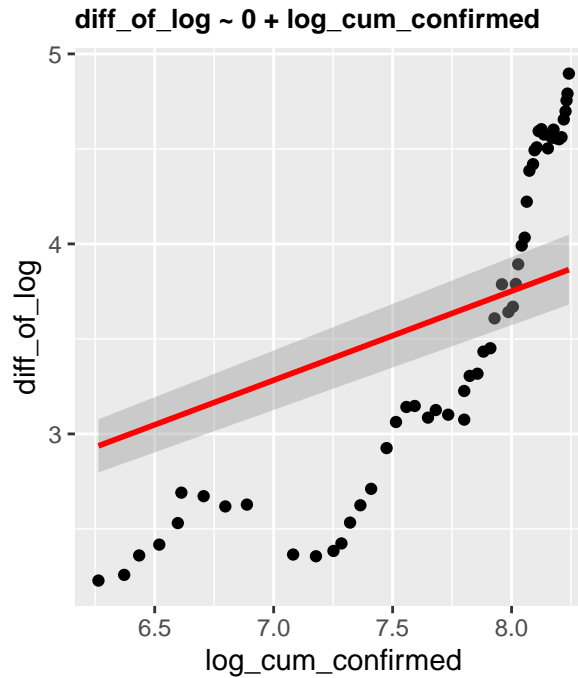
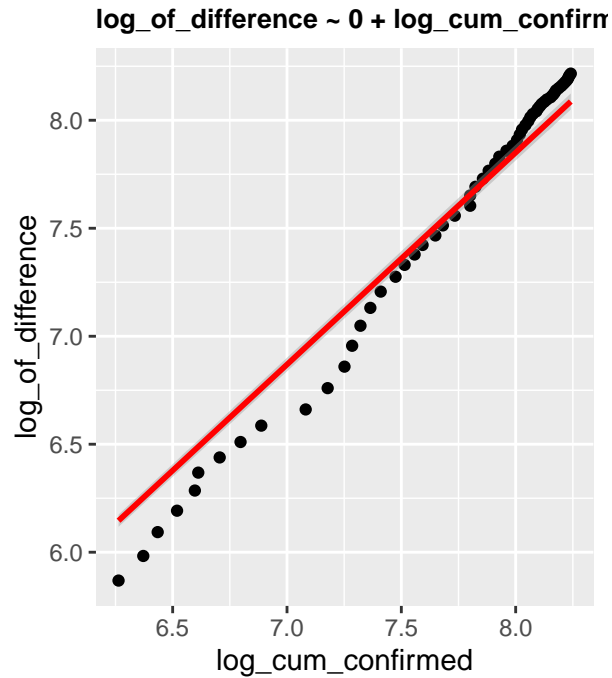
## Honduras

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.970***<br>(0.002)<br>t = 586.900<br>p = 0.000 | 0.420***<br>(0.013)<br>t = 33.596<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.056***<br>(0.005)<br>t = 11.323<br>p = 0.000 |
| R2                            | 1.000                                           | 0.958                                          | 0.724                                          |
| Residual Std. Error (df = 49) | 0.083                                           | 0.625                                          | 69.627                                         |
| F Statistic (df = 1; 49)      | 344,451.400*** (p = 0.000)                      | 1,128.669*** (p = 0.000)                       | 128.222*** (p = 0.000)                         |



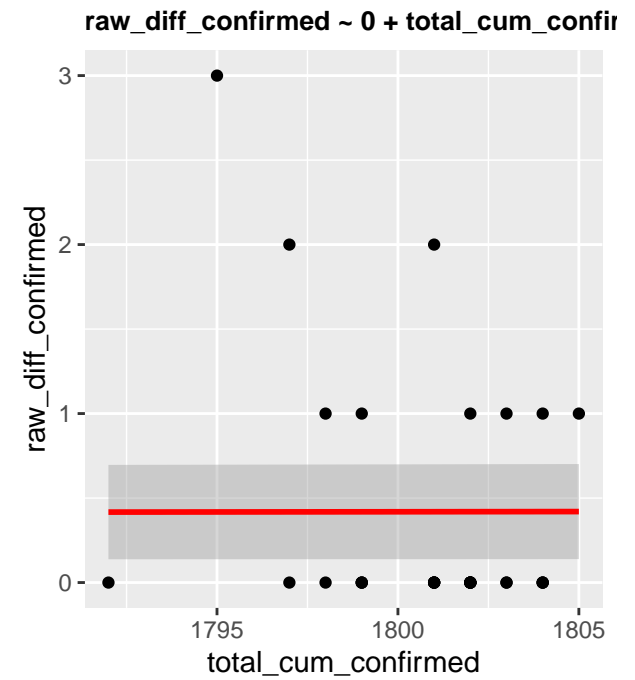
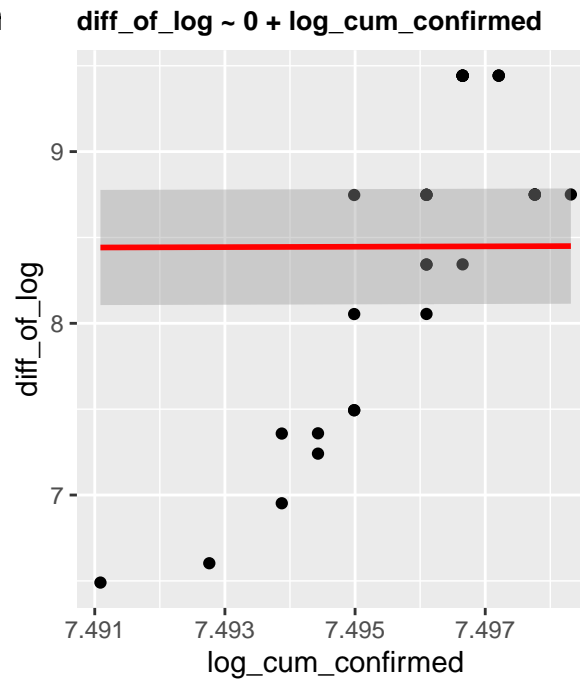
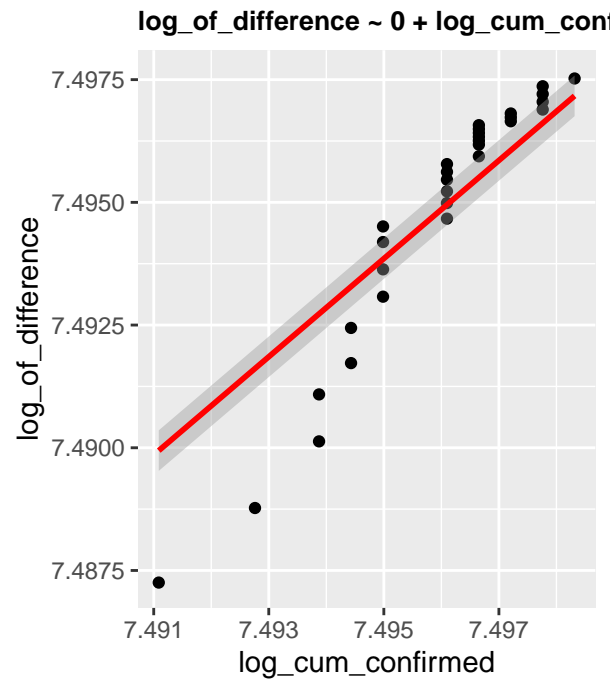
## Hungary

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.981***<br>(0.002)<br>t = 433.328<br>p = 0.000 | 0.469***<br>(0.011)<br>t = 42.065<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.018***<br>(0.002)<br>t = 7.134<br>p = 0.000 |
| R2                            | 1.000                                           | 0.969                                          | 0.476                                         |
| Residual Std. Error (df = 56) | 0.132                                           | 0.648                                          | 50.135                                        |
| F Statistic (df = 1; 56)      | 187,772.900*** (p = 0.000)                      | 1,769.422*** (p = 0.000)                       | 50.890*** (p = 0.000)                         |



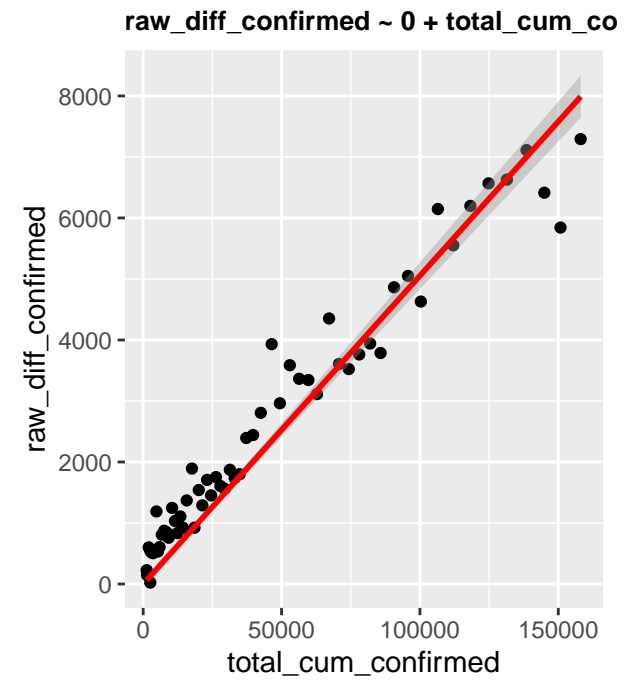
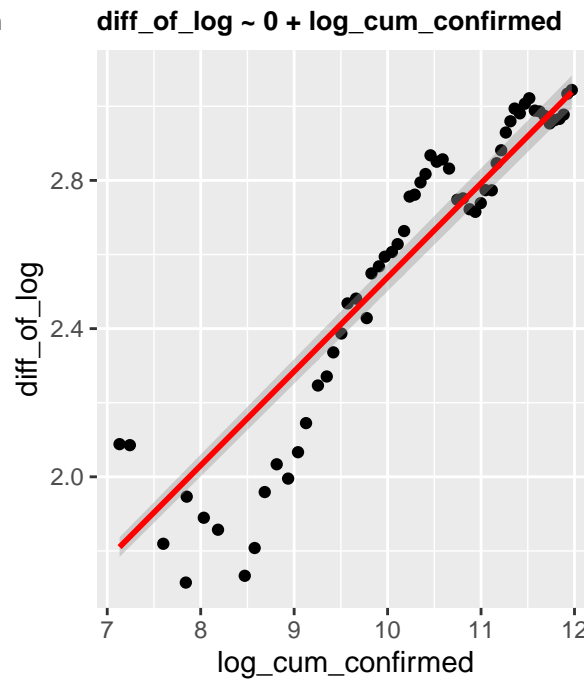
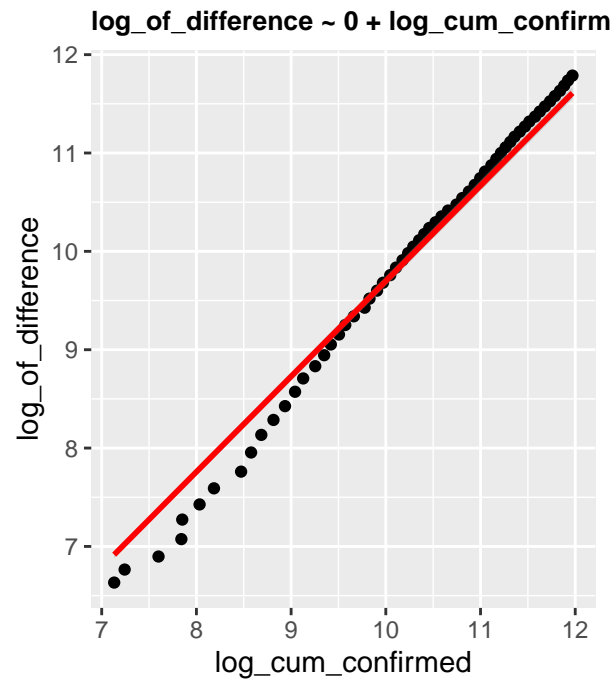
## Iceland

|                               | Dependent variable:                                  |                                                |                                                 |
|-------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                             | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 1.000***<br>(0.00003)<br>t = 37,019.350<br>p = 0.000 | 1.127***<br>(0.022)<br>t = 51.415<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                      |                                                | 0.0002***<br>(0.0001)<br>t = 3.050<br>p = 0.005 |
| R2                            | 1.000                                                | 0.989                                          | 0.237                                           |
| Residual Std. Error (df = 30) | 0.001                                                | 0.915                                          | 0.765                                           |
| F Statistic (df = 1; 30)      | 1,370,432,489.000*** (p = 0.000)                     | 2,643.524*** (p = 0.000)                       | 9.301*** (p = 0.005)                            |



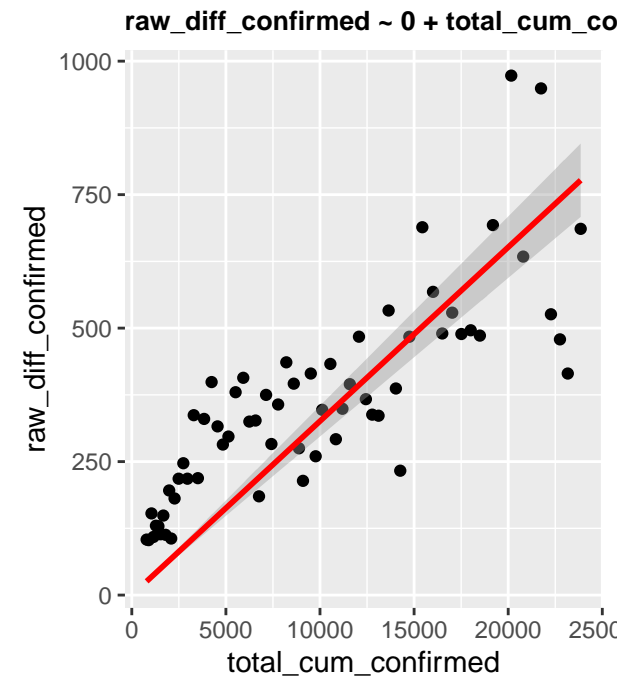
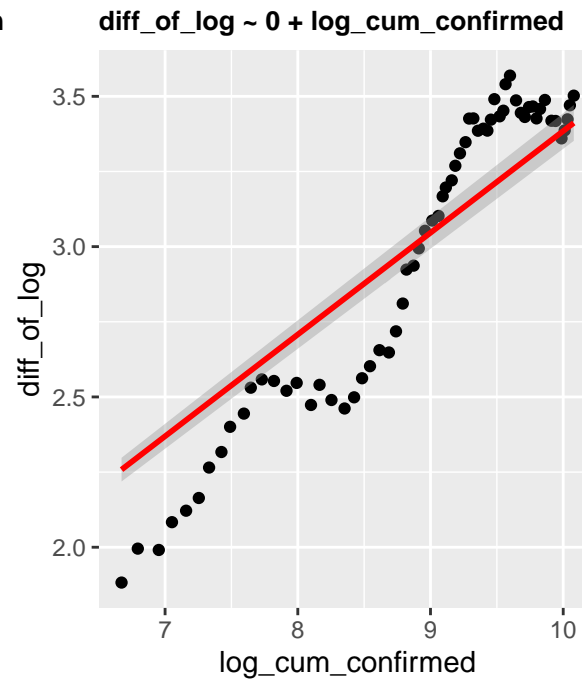
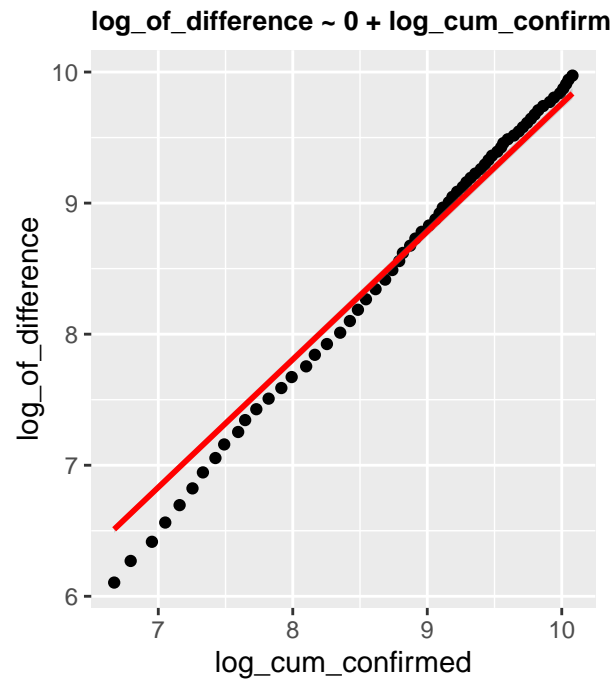
## India

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.970***<br>(0.002)<br>t = 396.695<br>p = 0.000 | 0.254***<br>(0.002)<br>t = 137.492<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.051***<br>(0.001)<br>t = 46.378<br>p = 0.000 |
| R2                            | 1.000                                           | 0.997                                           | 0.974                                          |
| Residual Std. Error (df = 58) | 0.192                                           | 0.145                                           | 548.992                                        |
| F Statistic (df = 1; 58)      | 157,366.900*** (p = 0.000)                      | 18,903.940*** (p = 0.000)                       | 2,150.877*** (p = 0.000)                       |



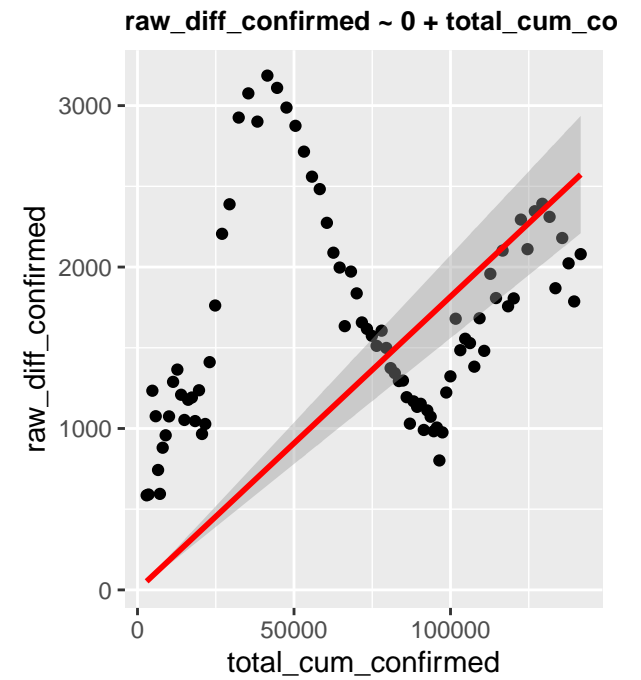
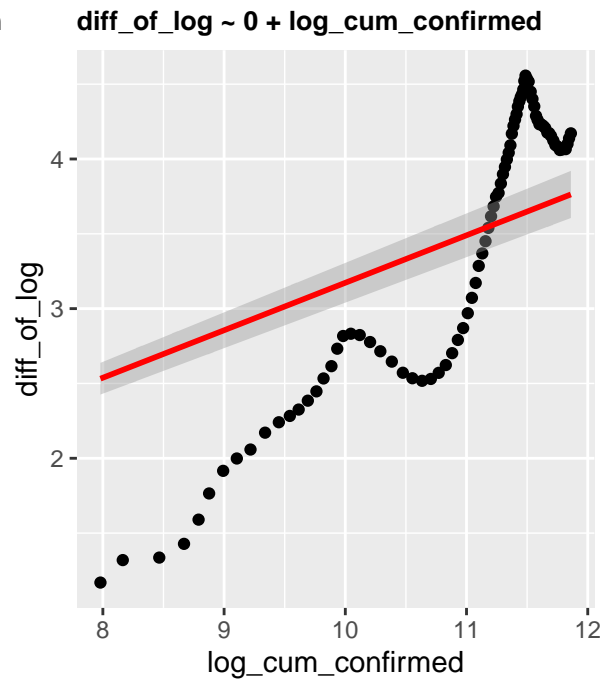
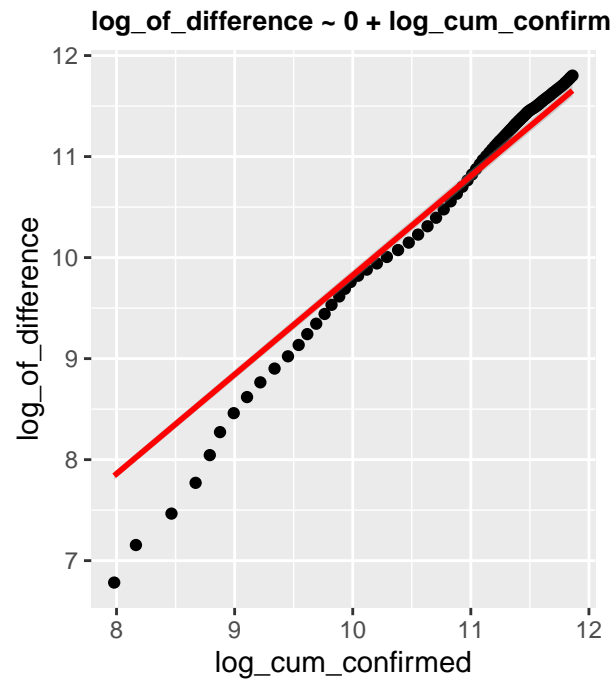
## Indonesia

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.976***<br>(0.002)<br>t = 475.229<br>p = 0.000 | 0.338***<br>(0.003)<br>t = 114.320<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.033***<br>(0.001)<br>t = 22.607<br>p = 0.000 |
| R2                            | 1.000                                           | 0.995                                           | 0.890                                          |
| Residual Std. Error (df = 63) | 0.146                                           | 0.210                                           | 135.844                                        |
| F Statistic (df = 1; 63)      | 225,842.900*** (p = 0.000)                      | 13,069.070*** (p = 0.000)                       | 511.066*** (p = 0.000)                         |



## Iran

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.983***<br>(0.003)<br>t = 387.790<br>p = 0.000 | 0.317***<br>(0.007)<br>t = 47.513<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.018***<br>(0.001)<br>t = 14.074<br>p = 0.000 |
| R2                            | 0.999                                           | 0.964                                          | 0.702                                          |
| Residual Std. Error (df = 84) | 0.254                                           | 0.669                                          | 965.067                                        |
| F Statistic (df = 1; 84)      | 150,381.200*** (p = 0.000)                      | 2,257.466*** (p = 0.000)                       | 198.073*** (p = 0.000)                         |

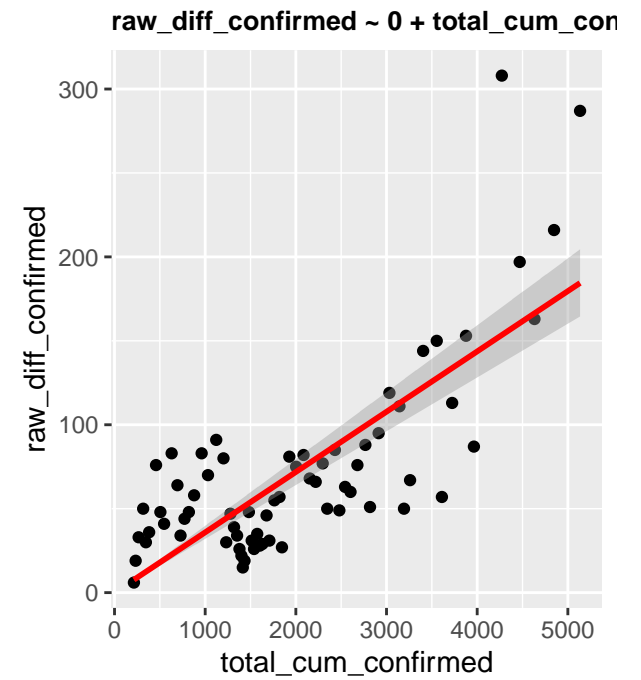
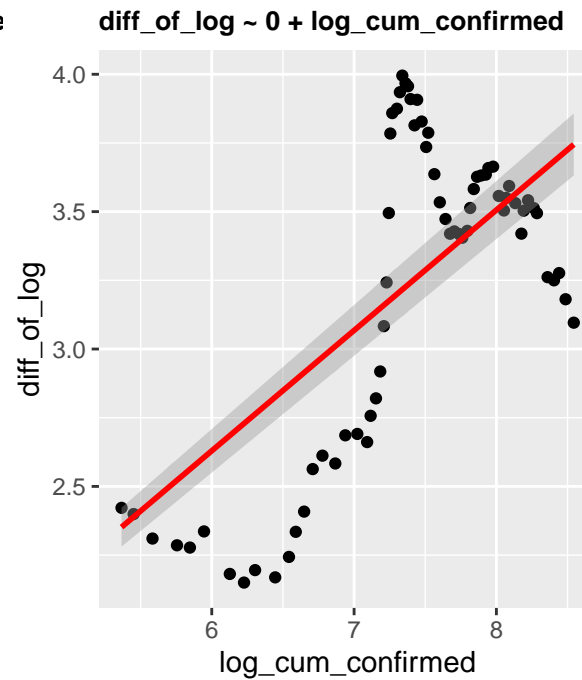
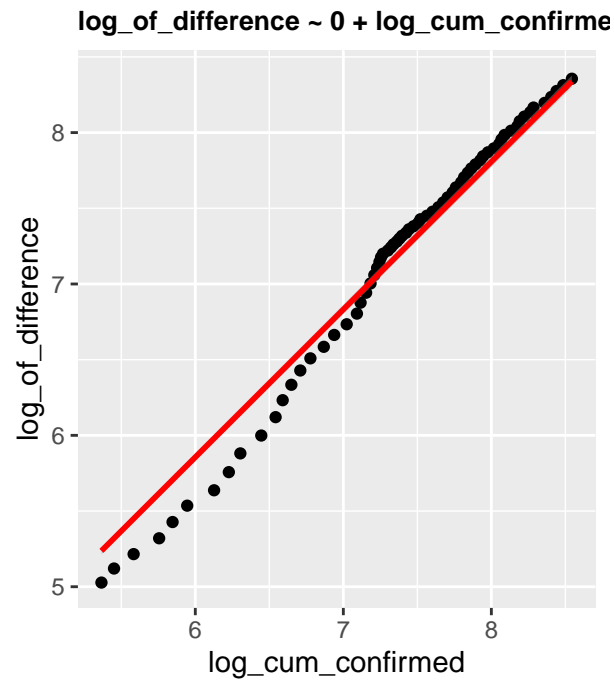


## Iraq

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=====
,                                     Dependent variable:
,
,-----
,               log_of_difference      diff_of_log      raw_diff_confirmed
,               (1)                   (2)              (3)
,-----
, log_cum_confirmed      0.976***      0.438***
,                        (0.002)        (0.007)
,                        t = 437.594     t = 66.212
,                        p = 0.000       p = 0.000
,
, total_cum_confirmed                                0.036***
,                                                    (0.002)
,                                                    t = 18.460
,                                                    p = 0.000
,-----
, R2                      1.000                0.985                0.836
, Residual Std. Error (df = 67)      0.136                0.403                37.656
, F Statistic (df = 1; 67)      191,488.900*** (p = 0.000)  4,384.041*** (p = 0.000)  340.761*** (p = 0.000)
,=====

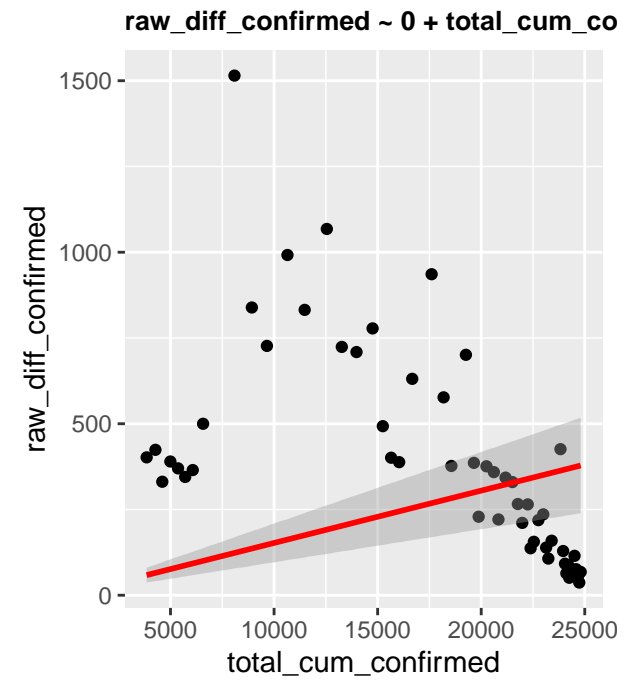
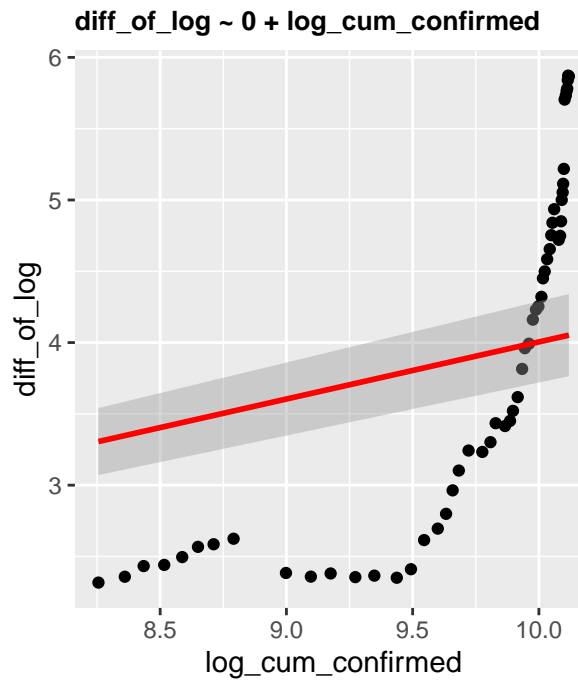
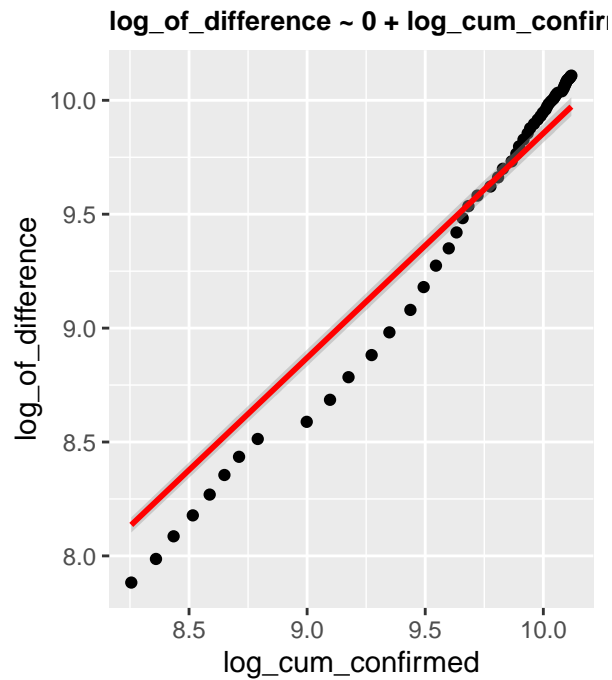
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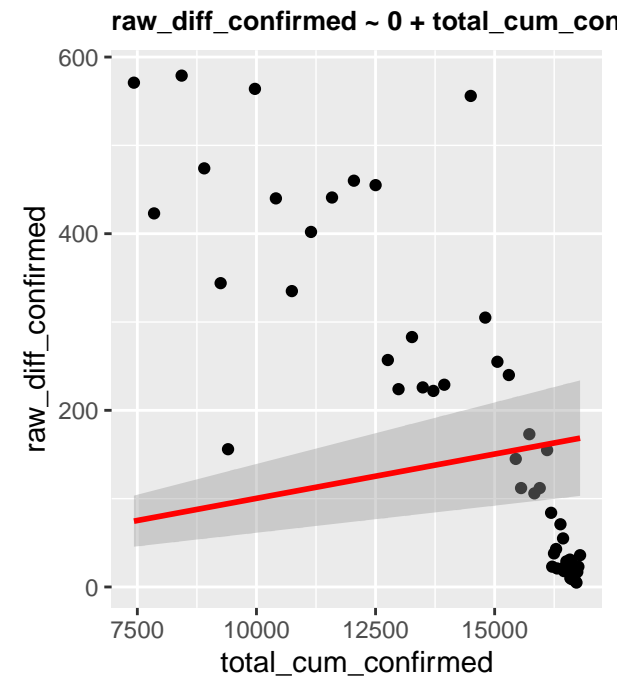
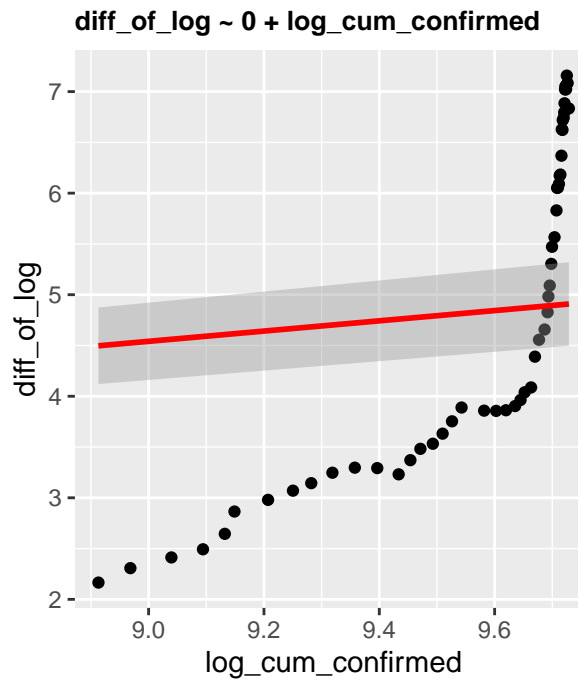
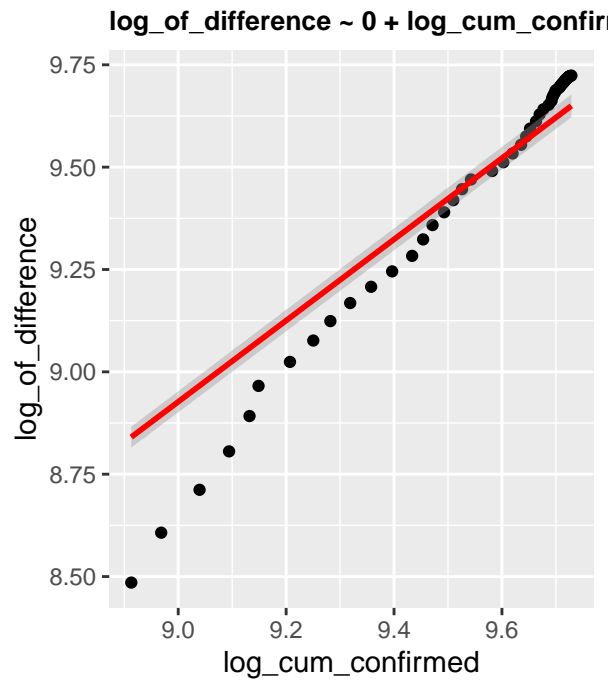
## Ireland

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference                               | diff_of_log                                    | raw_diff_confirmed                              |
|                               | (1)                                             | (2)                                            | (3)                                             |
| log_cum_confirmed             | 0.986***<br>(0.002)<br>t = 491.006<br>p = 0.000 | 0.400***<br>(0.014)<br>t = 28.200<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.015***<br>(0.003)<br>t = 5.449<br>p = 0.00001 |
| R2                            | 1.000                                           | 0.935                                          | 0.351                                           |
| Residual Std. Error (df = 55) | 0.145                                           | 1.029                                          | 397.951                                         |
| F Statistic (df = 1; 55)      | 241,086.800*** (p = 0.000)                      | 795.245*** (p = 0.000)                         | 29.691*** (p = 0.00001)                         |



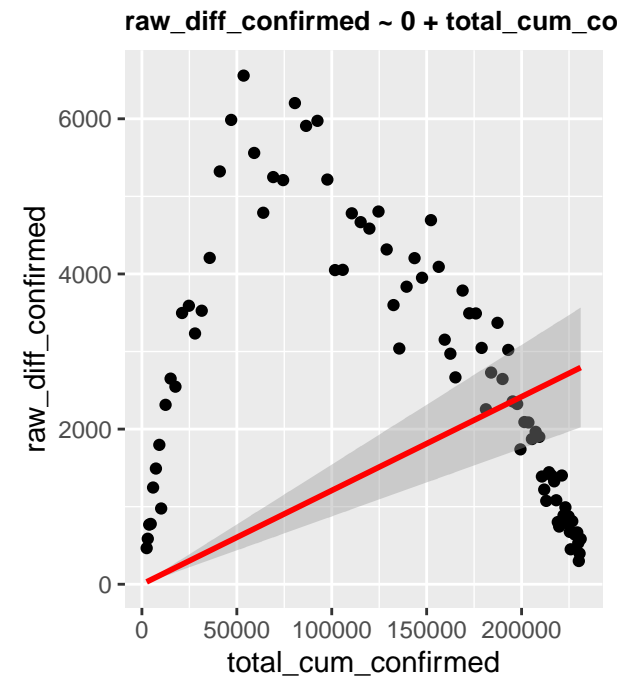
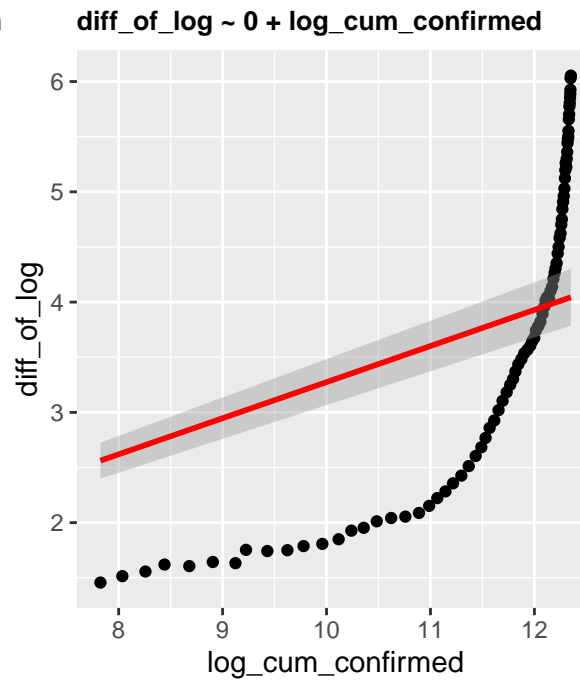
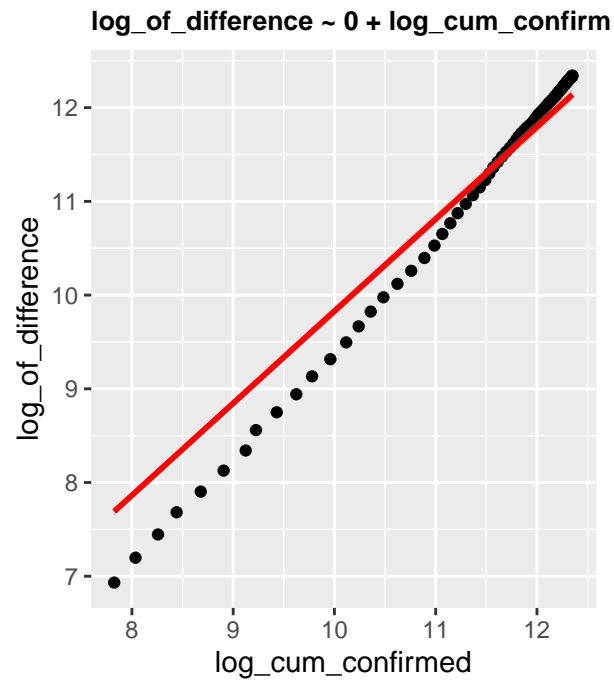
## Israel

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference                               | diff_of_log                                    | raw_diff_confirmed                              |
|                               | (1)                                             | (2)                                            | (3)                                             |
| log_cum_confirmed             | 0.992***<br>(0.001)<br>t = 695.890<br>p = 0.000 | 0.505***<br>(0.021)<br>t = 23.925<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.010***<br>(0.002)<br>t = 5.166<br>p = 0.00001 |
| R2                            | 1.000                                           | 0.914                                          | 0.331                                           |
| Residual Std. Error (df = 54) | 0.101                                           | 1.495                                          | 211.774                                         |
| F Statistic (df = 1; 54)      | 484,262.400*** (p = 0.000)                      | 572.394*** (p = 0.000)                         | 26.690*** (p = 0.00001)                         |



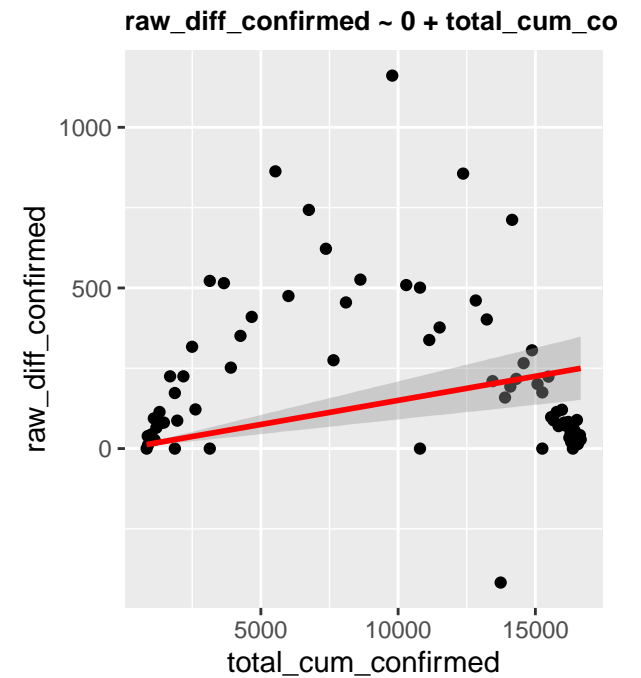
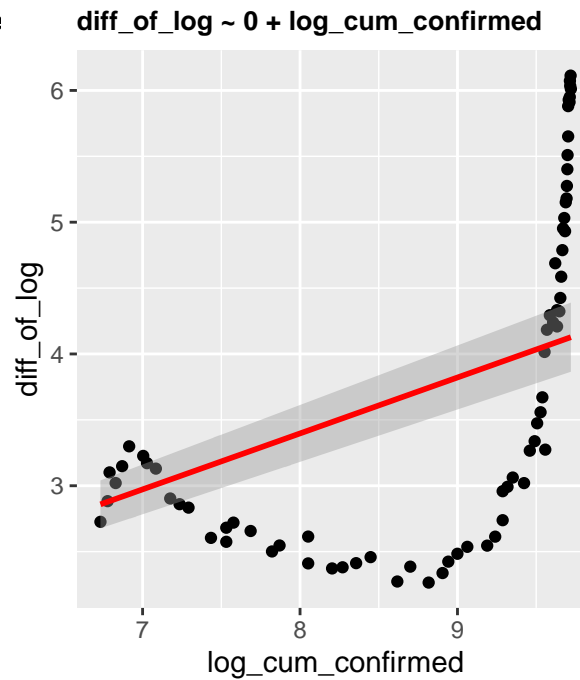
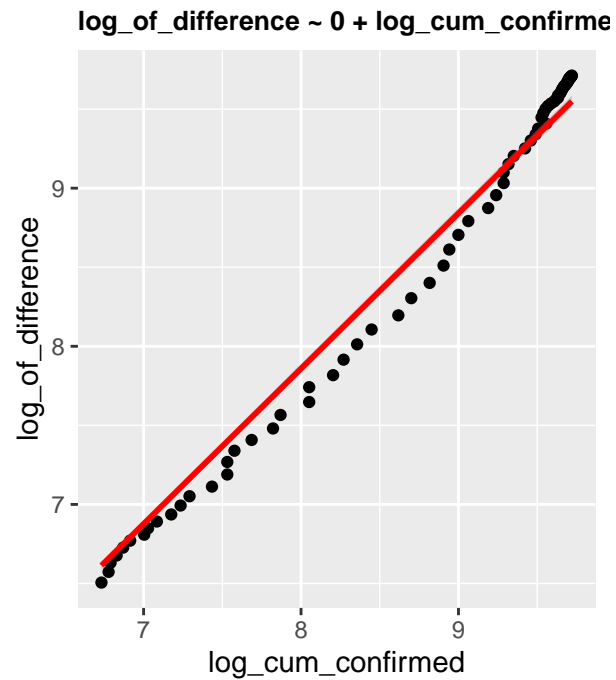
## Italy

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.983***<br>(0.003)<br>t = 370.610<br>p = 0.000 | 0.327***<br>(0.010)<br>t = 31.252<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.012***<br>(0.002)<br>t = 7.207<br>p = 0.000 |
| R2                            | 0.999                                           | 0.920                                          | 0.379                                         |
| Residual Std. Error (df = 85) | 0.283                                           | 1.120                                          | 2,513.038                                     |
| F Statistic (df = 1; 85)      | 137,351.700*** (p = 0.000)                      | 976.660*** (p = 0.000)                         | 51.946*** (p = 0.000)                         |



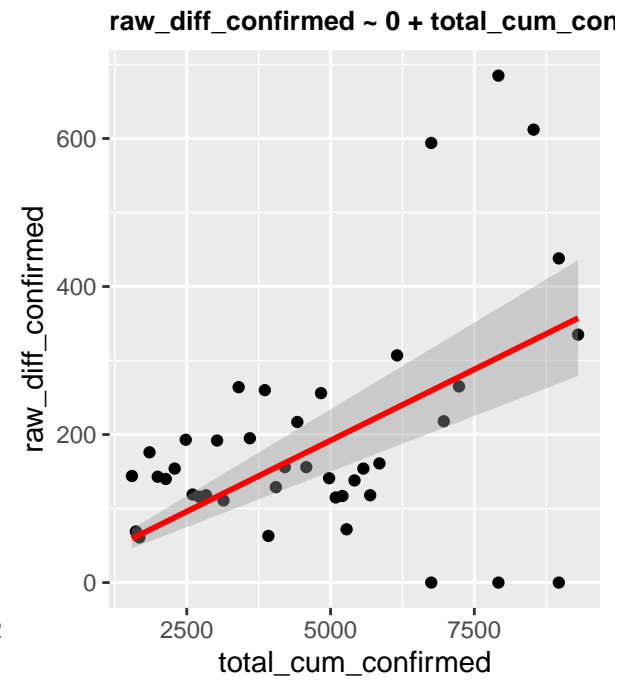
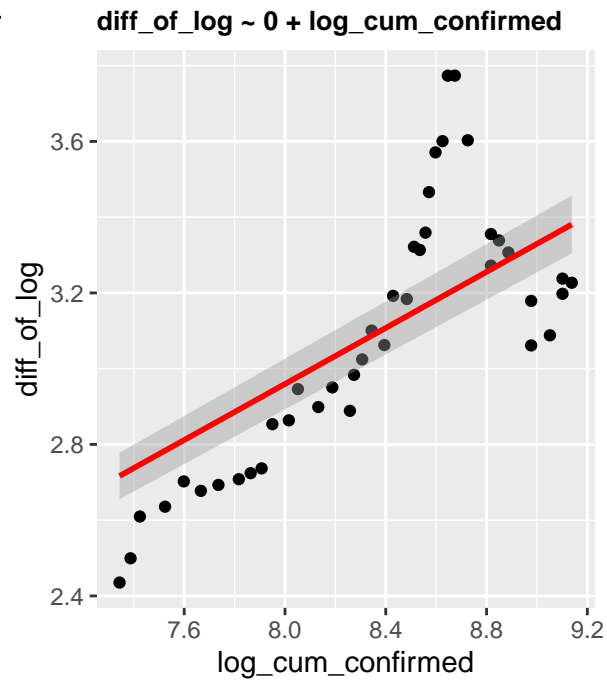
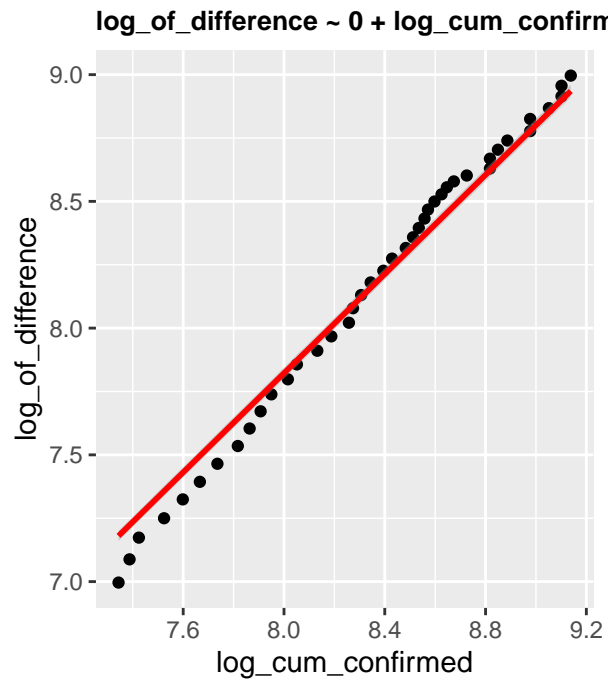
## Japan

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference                               | diff_of_log                                    | raw_diff_confirmed                              |
|                               | (1)                                             | (2)                                            | (3)                                             |
| log_cum_confirmed             | 0.982***<br>(0.002)<br>t = 513.076<br>p = 0.000 | 0.425***<br>(0.014)<br>t = 31.366<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.015***<br>(0.003)<br>t = 5.079<br>p = 0.00001 |
| R2                            | 1.000                                           | 0.932                                          | 0.264                                           |
| Residual Std. Error (df = 72) | 0.145                                           | 1.023                                          | 287.688                                         |
| F Statistic (df = 1; 72)      | 263,246.700*** (p = 0.000)                      | 983.830*** (p = 0.000)                         | 25.798*** (p = 0.00001)                         |



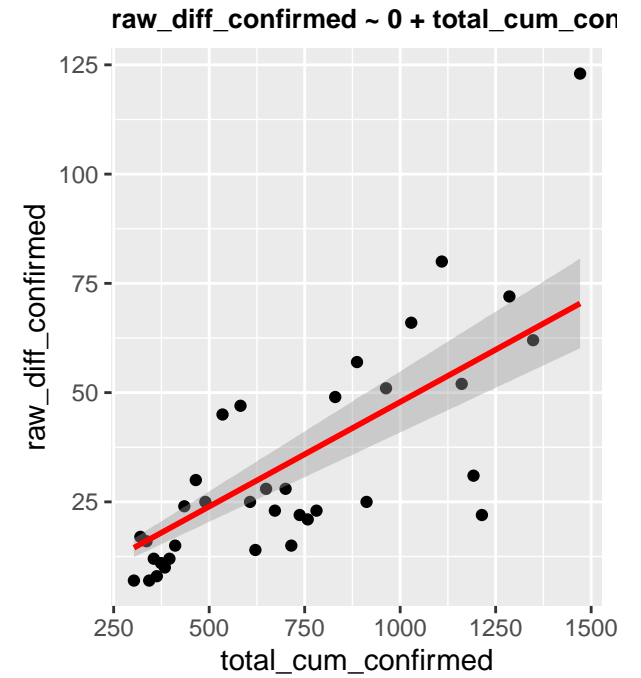
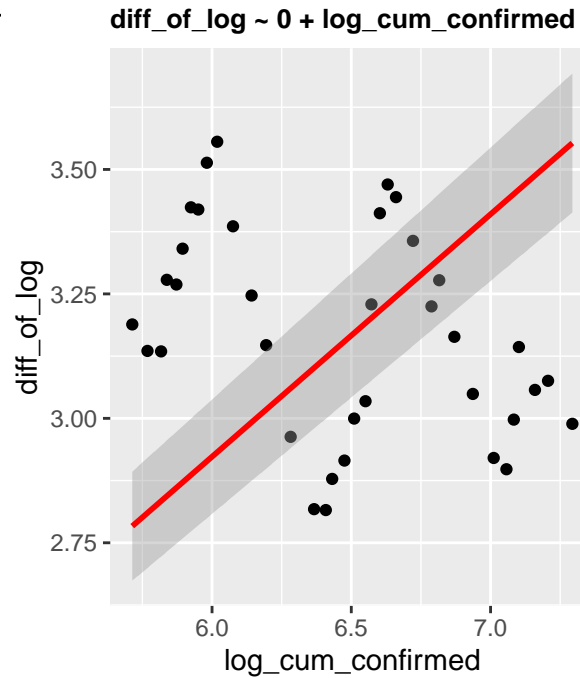
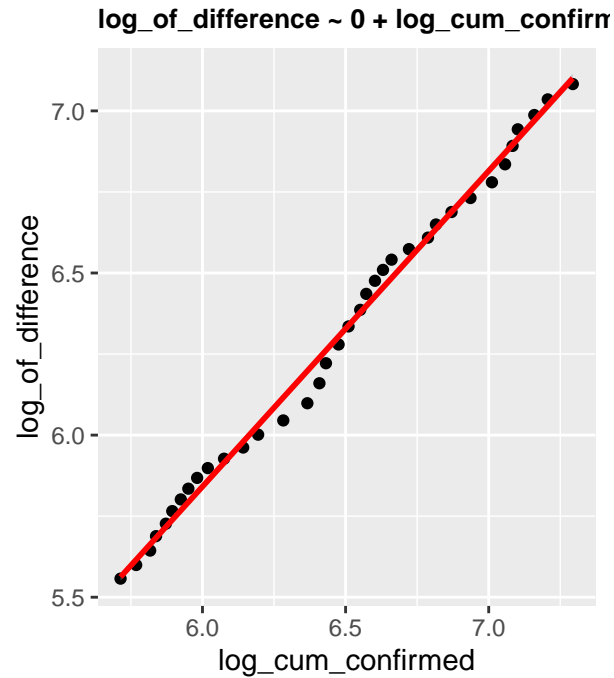
## Kazakhstan

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.978***<br>(0.001)<br>t = 720.908<br>p = 0.000 | 0.370***<br>(0.004)<br>t = 89.652<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.038***<br>(0.004)<br>t = 9.232<br>p = 0.000 |
| R2                            | 1.000                                           | 0.995                                          | 0.681                                         |
| Residual Std. Error (df = 40) | 0.073                                           | 0.221                                          | 140.054                                       |
| F Statistic (df = 1; 40)      | 519,708.300*** (p = 0.000)                      | 8,037.516*** (p = 0.000)                       | 85.230*** (p = 0.000)                         |



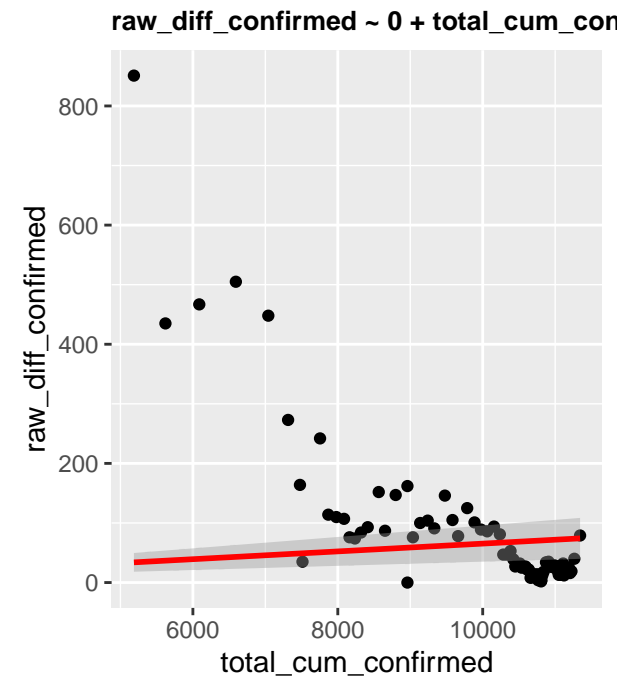
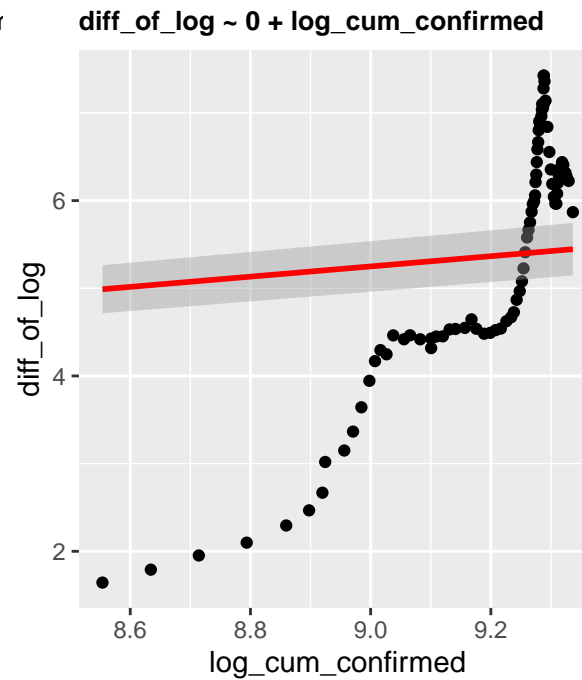
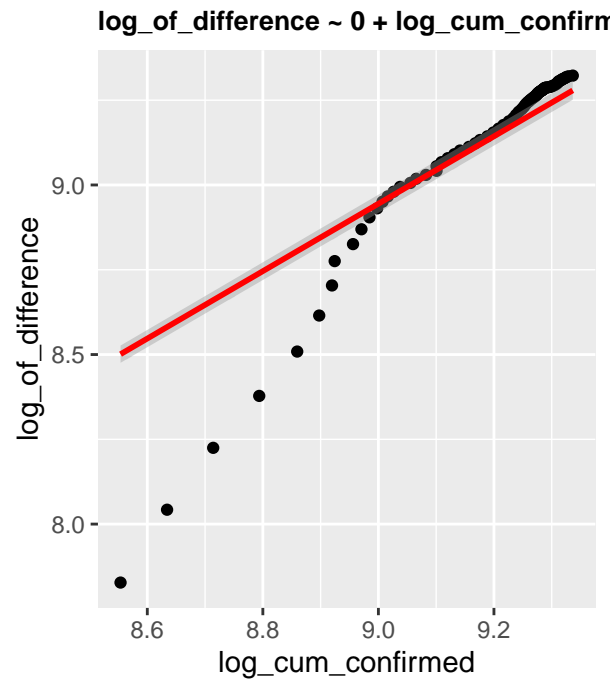
## Kenya

|                               | Dependent variable:                               |                                                |                                                |
|-------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.974***<br>(0.001)<br>t = 1,007.769<br>p = 0.000 | 0.487***<br>(0.009)<br>t = 51.709<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                   |                                                | 0.048***<br>(0.003)<br>t = 13.955<br>p = 0.000 |
| R2                            | 1.000                                             | 0.987                                          | 0.848                                          |
| Residual Std. Error (df = 35) | 0.038                                             | 0.366                                          | 16.203                                         |
| F Statistic (df = 1; 35)      | 1,015,598.000*** (p = 0.000)                      | 2,673.797*** (p = 0.000)                       | 194.734*** (p = 0.000)                         |



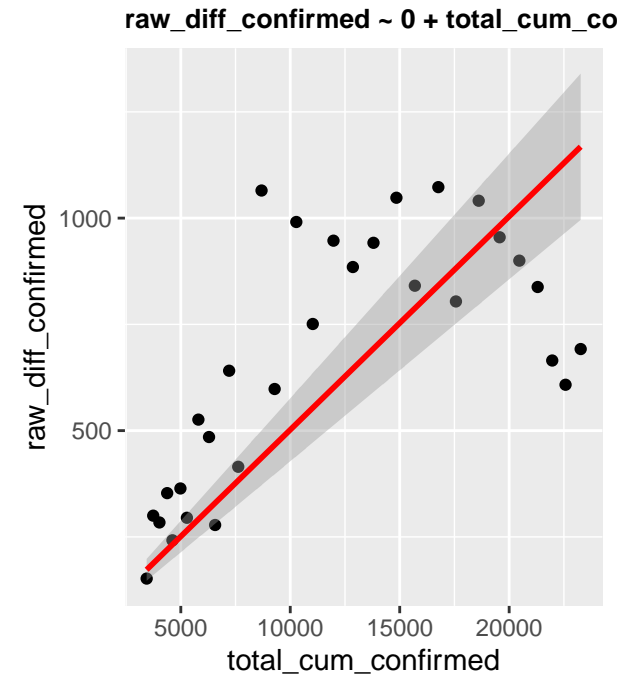
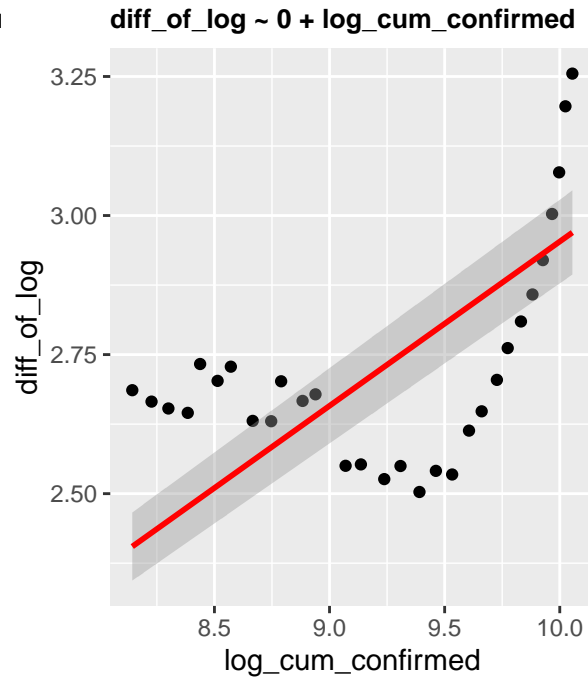
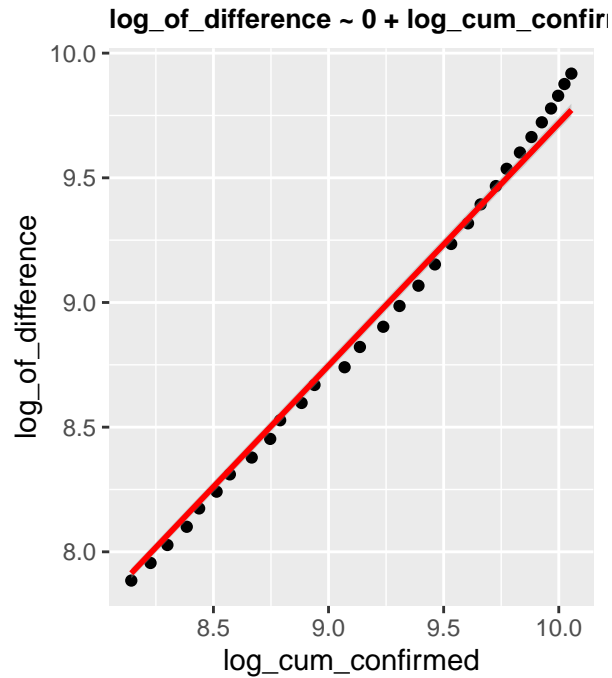
## Korea, South

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.994***<br>(0.001)<br>t = 665.670<br>p = 0.000 | 0.583***<br>(0.016)<br>t = 36.202<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.007***<br>(0.002)<br>t = 4.291<br>p = 0.00005 |
| R2                            | 1.000                                           | 0.939                                          | 0.178                                           |
| Residual Std. Error (df = 85) | 0.127                                           | 1.373                                          | 140.954                                         |
| F Statistic (df = 1; 85)      | 443,116.700*** (p = 0.000)                      | 1,310.566*** (p = 0.000)                       | 18.414*** (p = 0.00005)                         |



## Kuwait

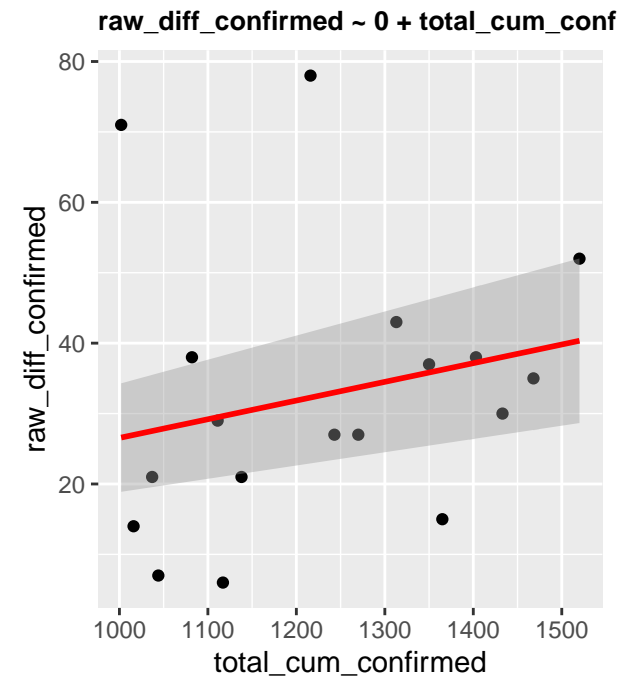
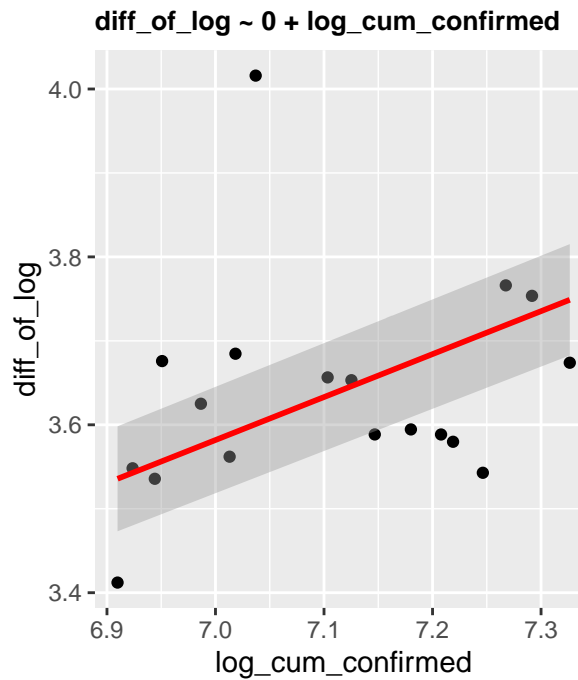
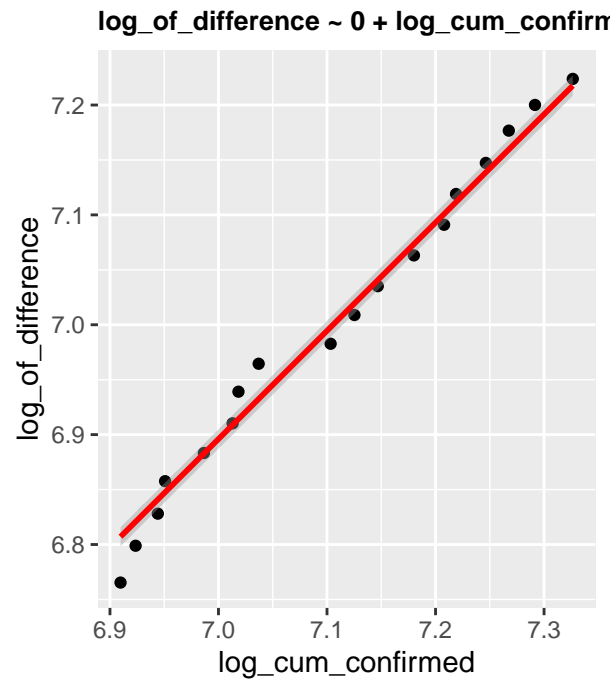
|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.972***<br>(0.001)<br>t = 788.102<br>p = 0.000 | 0.295***<br>(0.004)<br>t = 80.465<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.050***<br>(0.004)<br>t = 13.883<br>p = 0.000 |
| R2                            | 1.000                                           | 0.996                                          | 0.869                                          |
| Residual Std. Error (df = 29) | 0.062                                           | 0.185                                          | 266.741                                        |
| F Statistic (df = 1; 29)      | 621,105.100*** (p = 0.000)                      | 6,474.543*** (p = 0.000)                       | 192.728*** (p = 0.000)                         |





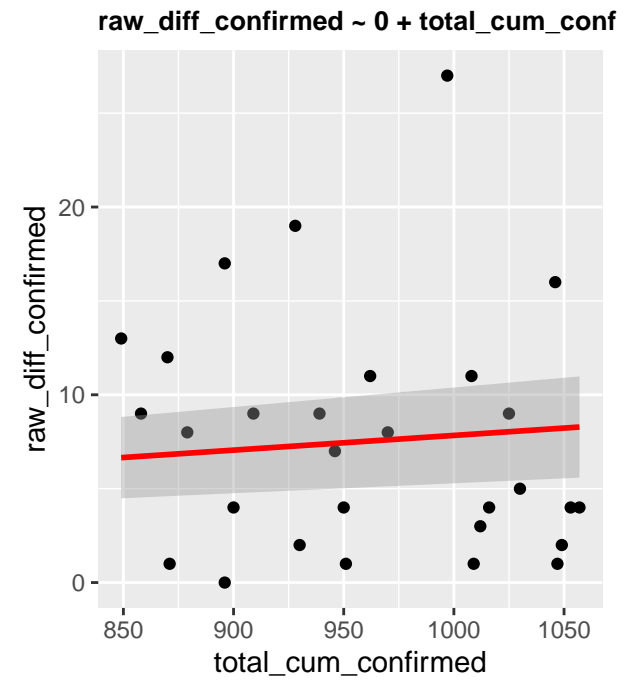
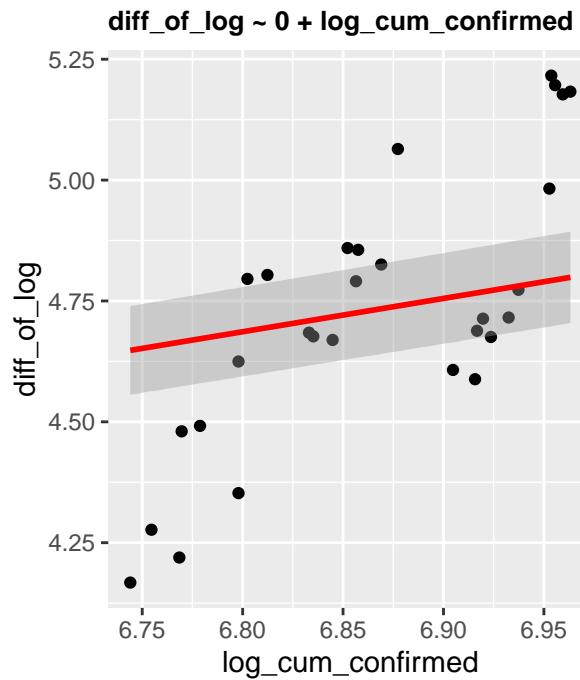
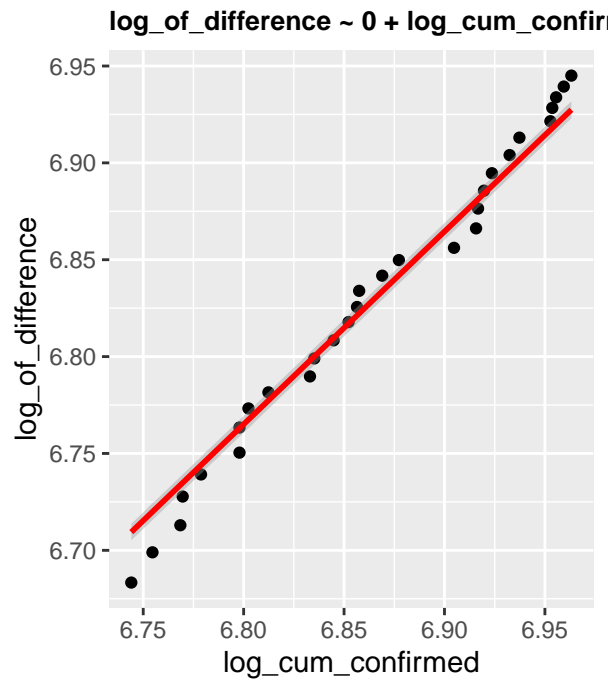
## Kyrgyzstan

|                               | Dependent variable:                               |                                                 |                                                 |
|-------------------------------|---------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.985***<br>(0.001)<br>t = 1,658.809<br>p = 0.000 | 0.512***<br>(0.004)<br>t = 119.316<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                   |                                                 | 0.027***<br>(0.004)<br>t = 7.283<br>p = 0.00001 |
| R2                            | 1.000                                             | 0.999                                           | 0.757                                           |
| Residual Std. Error (df = 17) | 0.018                                             | 0.129                                           | 19.172                                          |
| F Statistic (df = 1; 17)      | 2,751,648.000*** (p = 0.000)                      | 14,236.220*** (p = 0.000)                       | 53.048*** (p = 0.00001)                         |



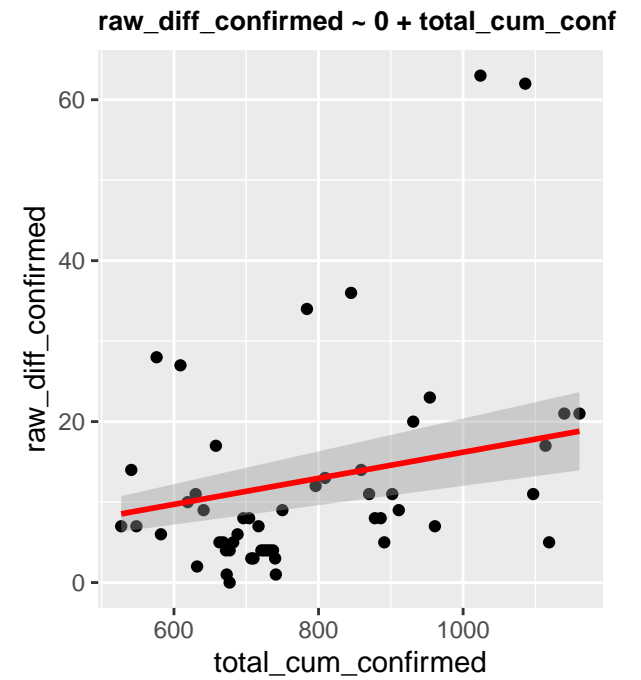
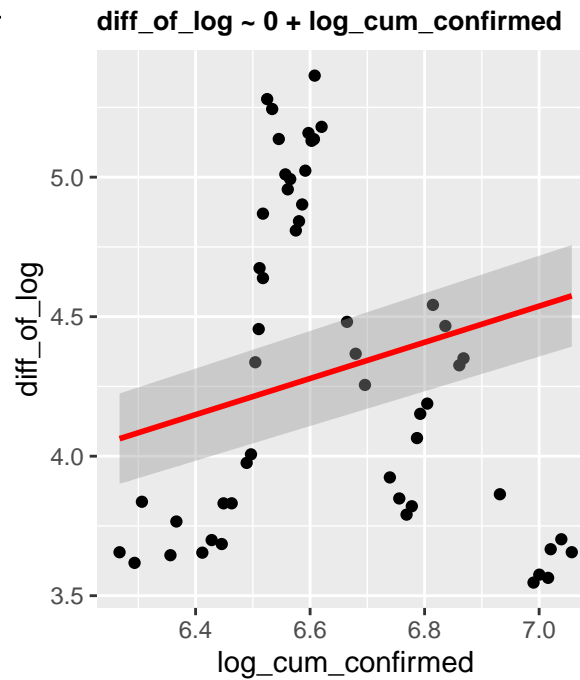
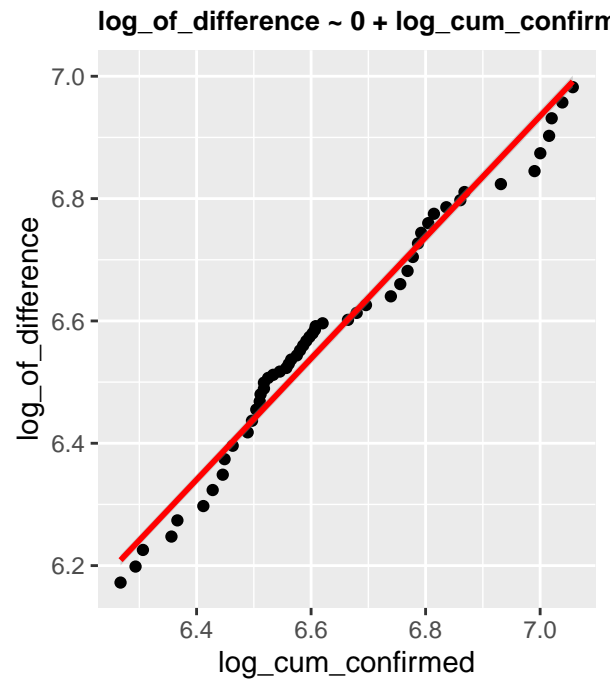
# Latvia

|                               | Dependent variable:                                |                                                 |                                                 |
|-------------------------------|----------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                           | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.995***<br>(0.0003)<br>t = 3,206.748<br>p = 0.000 | 0.689***<br>(0.007)<br>t = 103.951<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                    |                                                 | 0.008***<br>(0.001)<br>t = 6.292<br>p = 0.00000 |
| R2                            | 1.000                                              | 0.997                                           | 0.586                                           |
| Residual Std. Error (df = 28) | 0.011                                              | 0.245                                           | 6.456                                           |
| F Statistic (df = 1; 28)      | 10,283,231.000*** (p = 0.000)                      | 10,805.900*** (p = 0.000)                       | 39.590*** (p = 0.00000)                         |



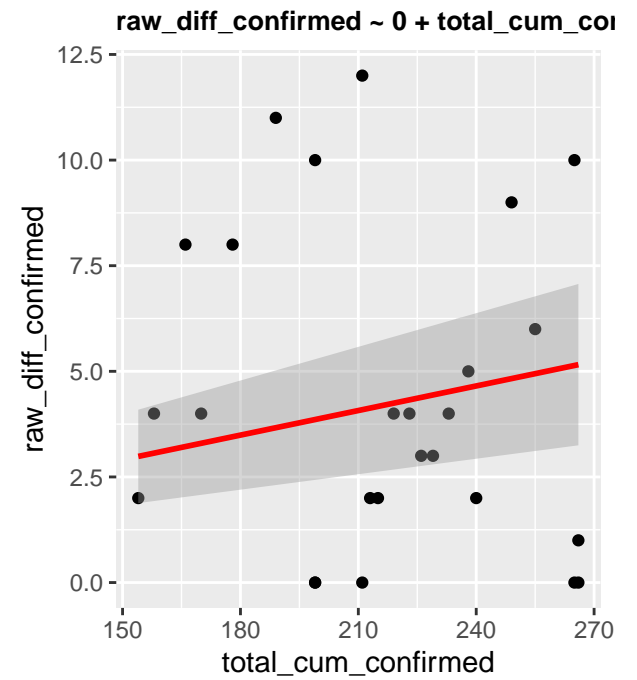
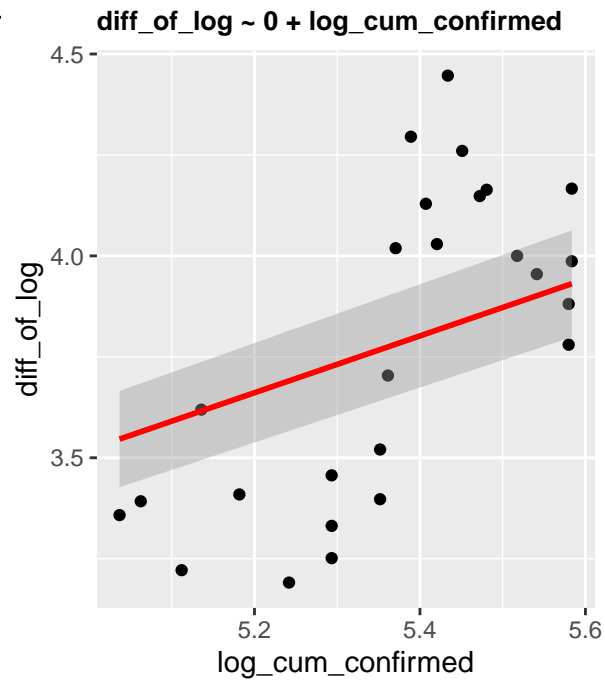
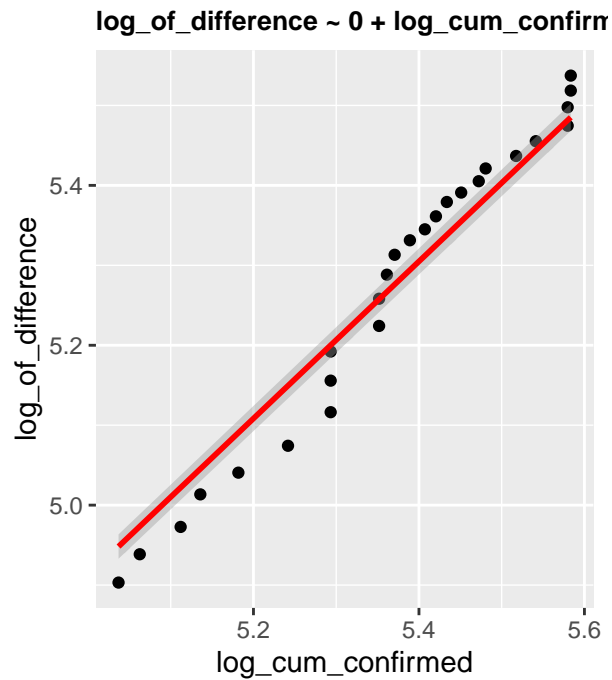
## Lebanon

|                               | Dependent variable:                               |                                                |                                               |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.991***<br>(0.001)<br>t = 1,447.313<br>p = 0.000 | 0.648***<br>(0.013)<br>t = 50.391<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                   |                                                | 0.016***<br>(0.002)<br>t = 7.769<br>p = 0.000 |
| R2                            | 1.000                                             | 0.980                                          | 0.537                                         |
| Residual Std. Error (df = 52) | 0.033                                             | 0.622                                          | 12.116                                        |
| F Statistic (df = 1; 52)      | 2,094,714.000*** (p = 0.000)                      | 2,539.204*** (p = 0.000)                       | 60.355*** (p = 0.000)                         |



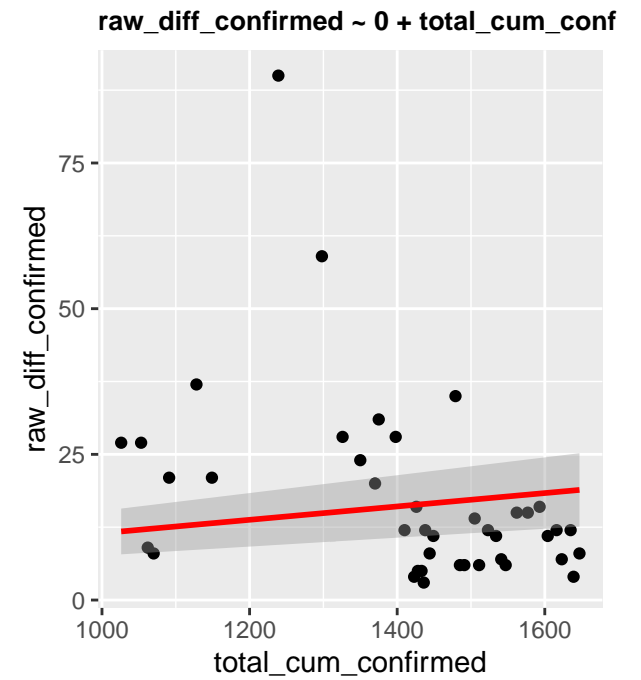
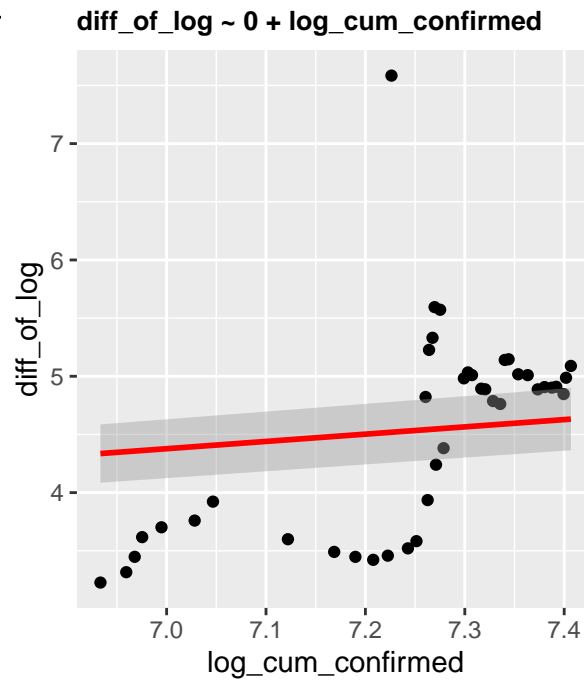
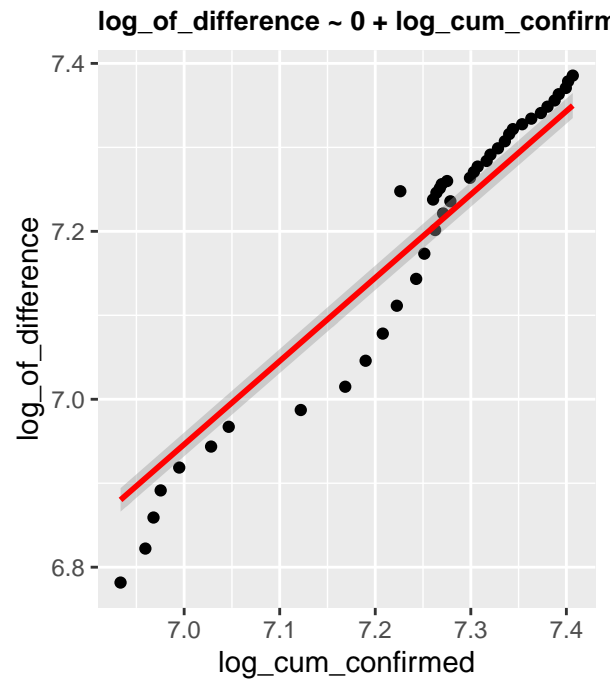
## Liberia

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.982***<br>(0.001)<br>t = 669.002<br>p = 0.000 | 0.704***<br>(0.011)<br>t = 61.282<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.019***<br>(0.003)<br>t = 5.564<br>p = 0.00001 |
| R2                            | 1.000                                           | 0.993                                          | 0.553                                           |
| Residual Std. Error (df = 25) | 0.040                                           | 0.315                                          | 3.898                                           |
| F Statistic (df = 1; 25)      | 447,564.100*** (p = 0.000)                      | 3,755.439*** (p = 0.000)                       | 30.954*** (p = 0.00001)                         |



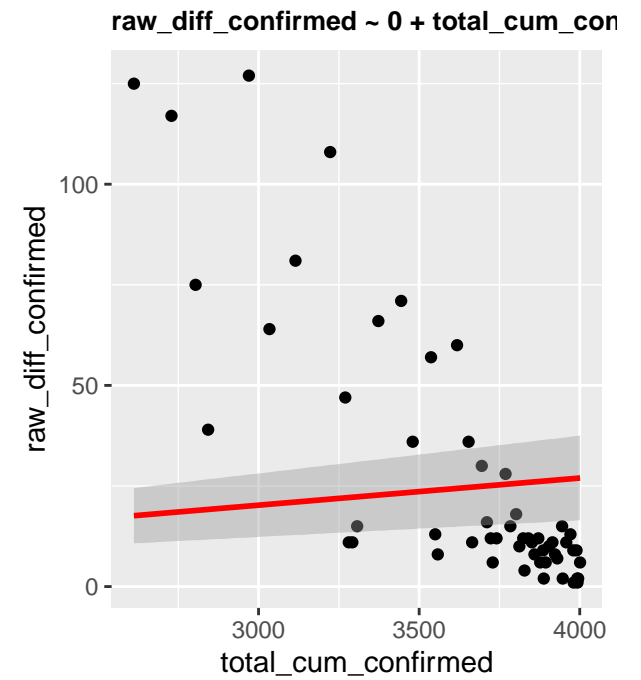
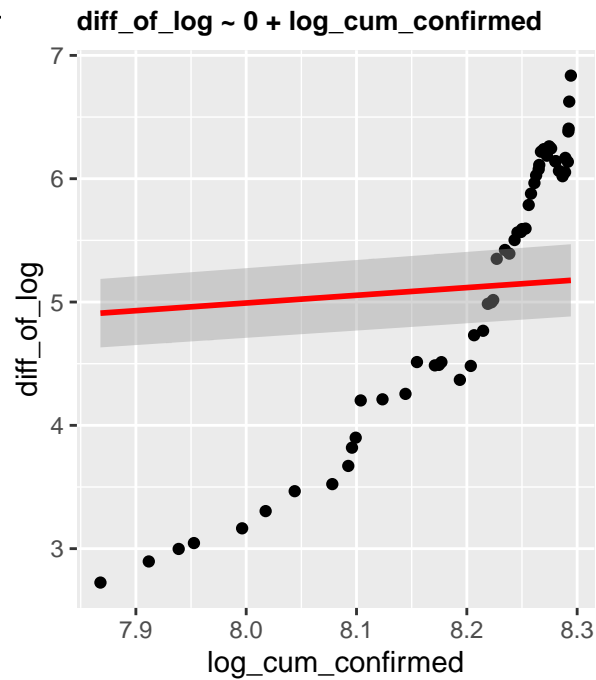
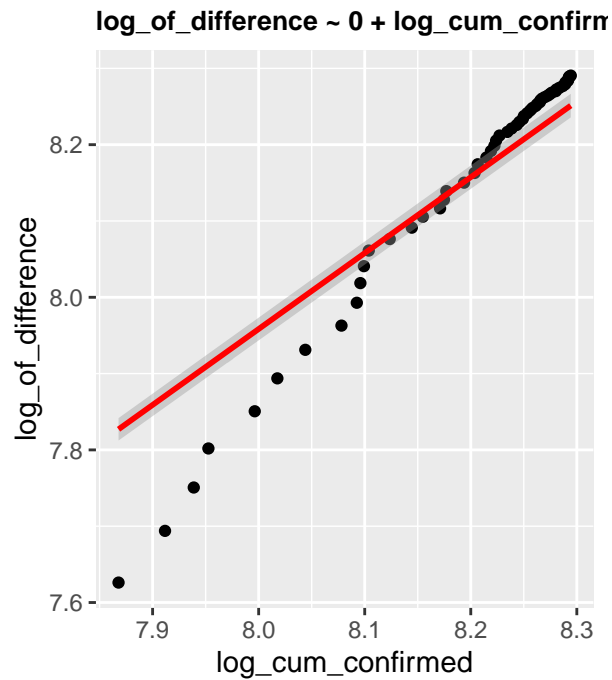
## Lithuania

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.992***<br>(0.001)<br>t = 994.887<br>p = 0.000 | 0.625***<br>(0.018)<br>t = 34.978<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.011***<br>(0.002)<br>t = 6.059<br>p = 0.00000 |
| R2                            | 1.000                                           | 0.968                                          | 0.479                                           |
| Residual Std. Error (df = 40) | 0.046                                           | 0.830                                          | 17.266                                          |
| F Statistic (df = 1; 40)      | 989,800.400*** (p = 0.000)                      | 1,223.489*** (p = 0.000)                       | 36.708*** (p = 0.00000)                         |



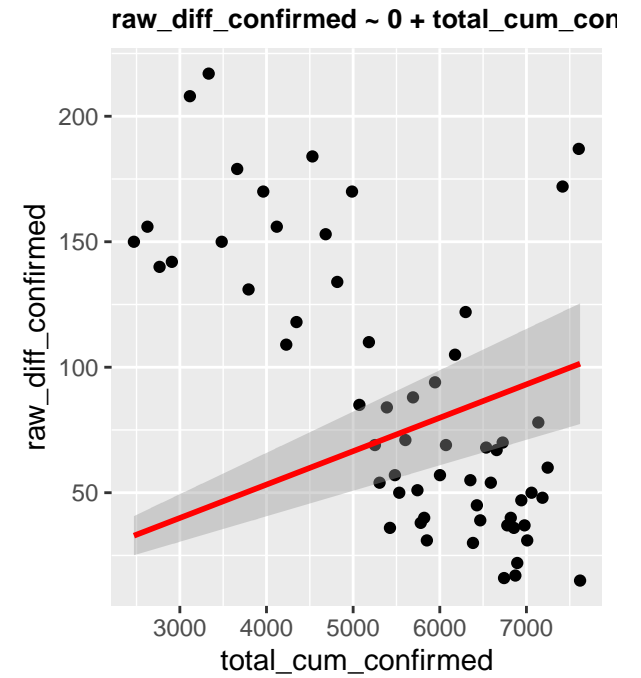
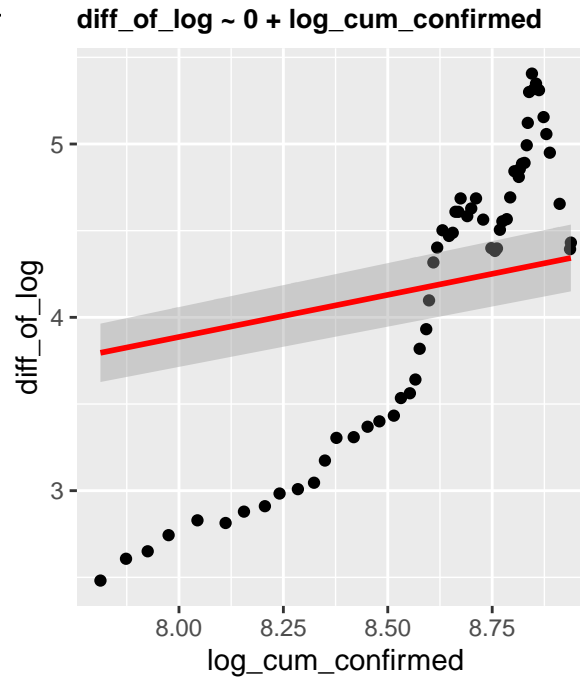
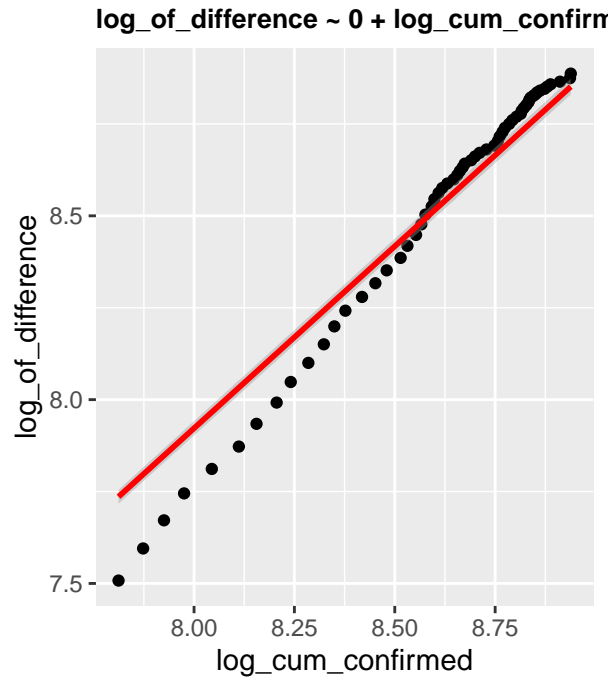
## Luxembourg

|                               | Dependent variable:                               |                                                |                                                 |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.995***<br>(0.001)<br>t = 1,069.247<br>p = 0.000 | 0.624***<br>(0.018)<br>t = 35.441<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                   |                                                | 0.007***<br>(0.001)<br>t = 5.152<br>p = 0.00001 |
| R2                            | 1.000                                             | 0.959                                          | 0.330                                           |
| Residual Std. Error (df = 54) | 0.057                                             | 1.070                                          | 35.507                                          |
| F Statistic (df = 1; 54)      | 1,143,288.000*** (p = 0.000)                      | 1,256.054*** (p = 0.000)                       | 26.543*** (p = 0.00001)                         |



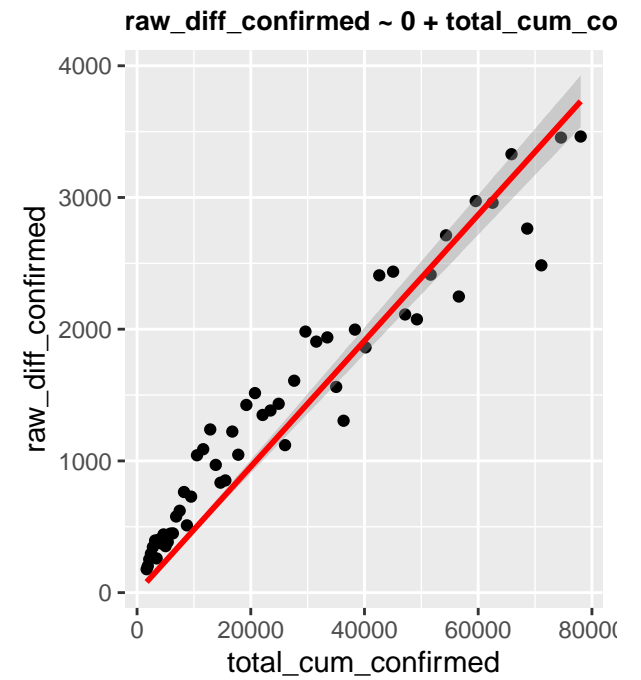
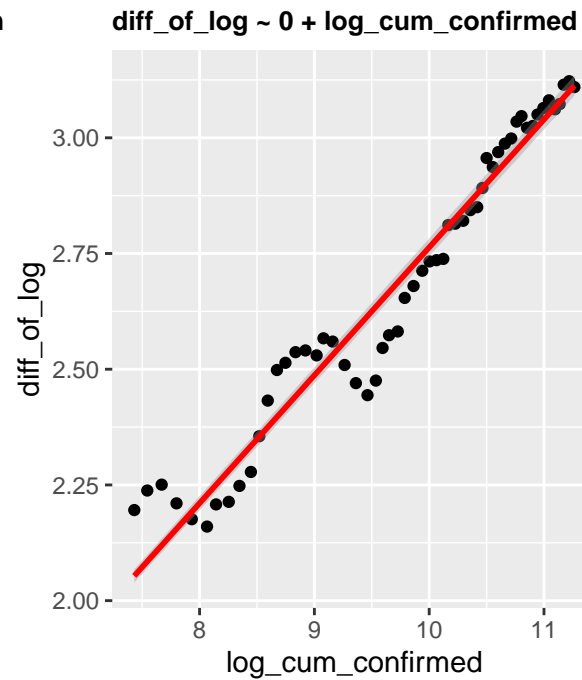
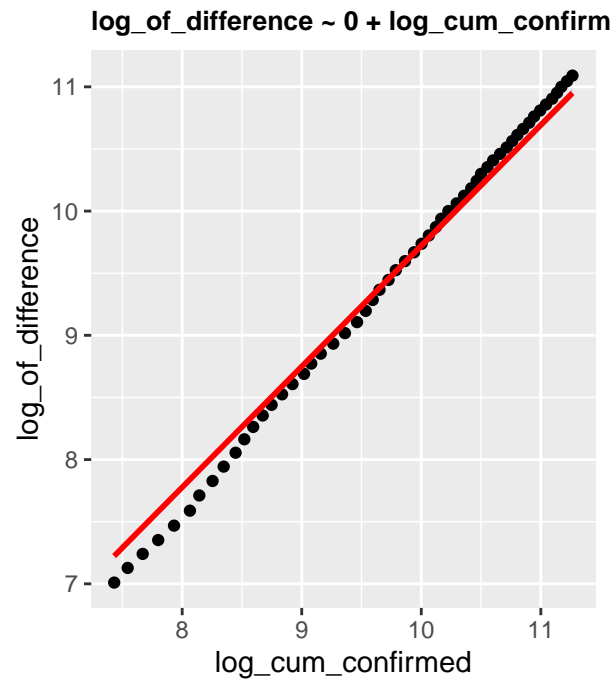
## Malaysia

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.990***<br>(0.001)<br>t = 819.999<br>p = 0.000 | 0.486***<br>(0.011)<br>t = 45.092<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.013***<br>(0.002)<br>t = 8.442<br>p = 0.000 |
| R2                            | 1.000                                           | 0.972                                          | 0.547                                         |
| Residual Std. Error (df = 59) | 0.080                                           | 0.718                                          | 70.561                                        |
| F Statistic (df = 1; 59)      | 672,398.200*** (p = 0.000)                      | 2,033.323*** (p = 0.000)                       | 71.263*** (p = 0.000)                         |



## Mexico

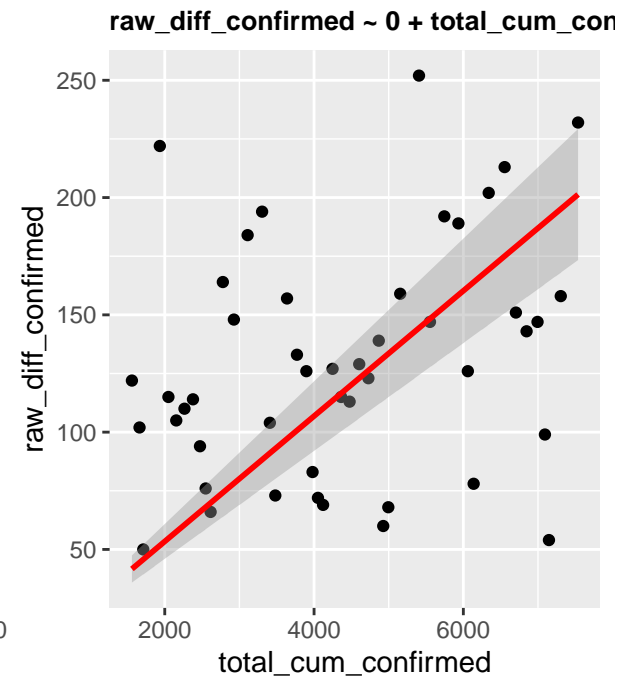
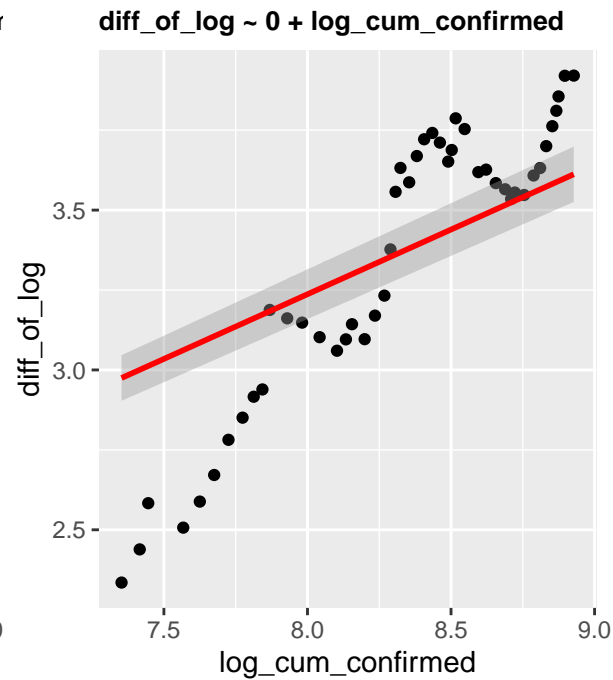
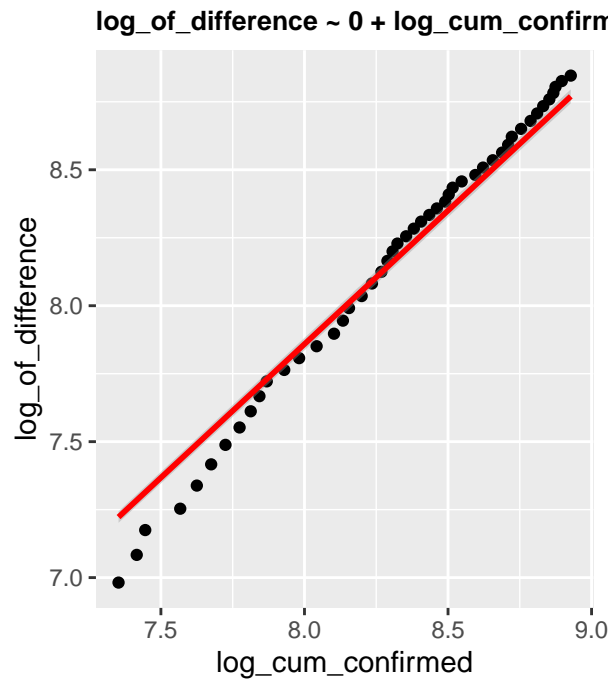
|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.972***<br>(0.002)<br>t = 586.932<br>p = 0.000 | 0.276***<br>(0.001)<br>t = 287.341<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.048***<br>(0.001)<br>t = 38.282<br>p = 0.000 |
| R2                            | 1.000                                           | 0.999                                           | 0.964                                          |
| Residual Std. Error (df = 54) | 0.120                                           | 0.070                                           | 319.030                                        |
| F Statistic (df = 1; 54)      | 344,488.900*** (p = 0.000)                      | 82,564.660*** (p = 0.000)                       | 1,465.496*** (p = 0.000)                       |





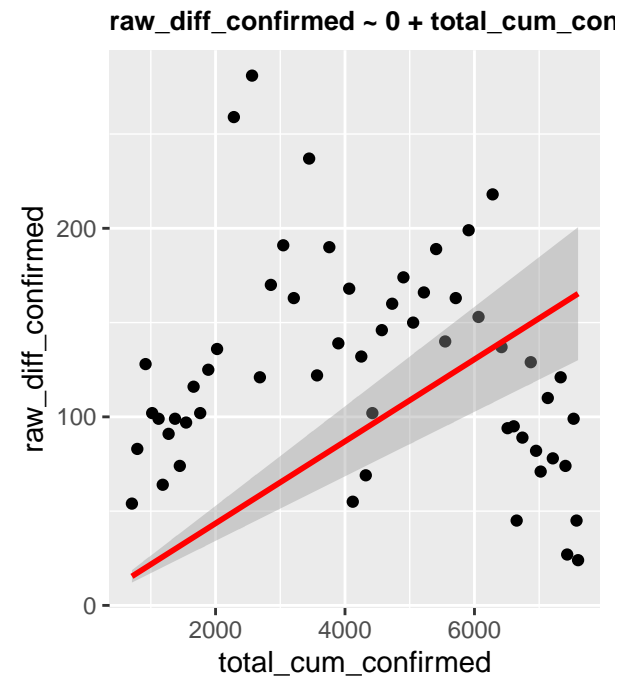
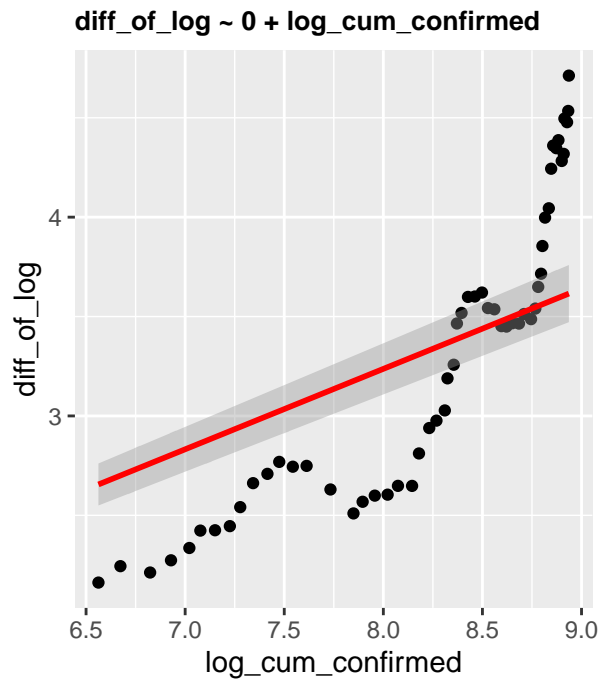
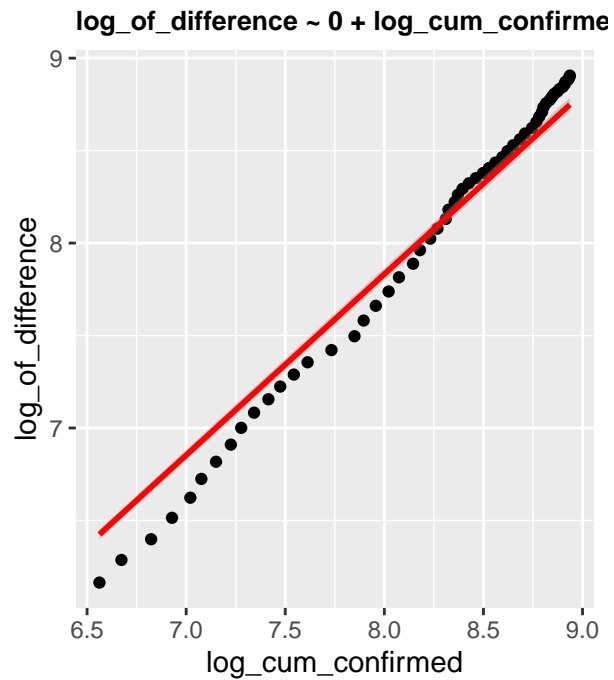
## Moldova

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.982***<br>(0.001)<br>t = 690.270<br>p = 0.000 | 0.405***<br>(0.005)<br>t = 84.003<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.027***<br>(0.002)<br>t = 14.496<br>p = 0.000 |
| R2                            | 1.000                                           | 0.994                                          | 0.820                                          |
| Residual Std. Error (df = 46) | 0.081                                           | 0.274                                          | 59.469                                         |
| F Statistic (df = 1; 46)      | 476,472.300*** (p = 0.000)                      | 7,056.451*** (p = 0.000)                       | 210.124*** (p = 0.000)                         |



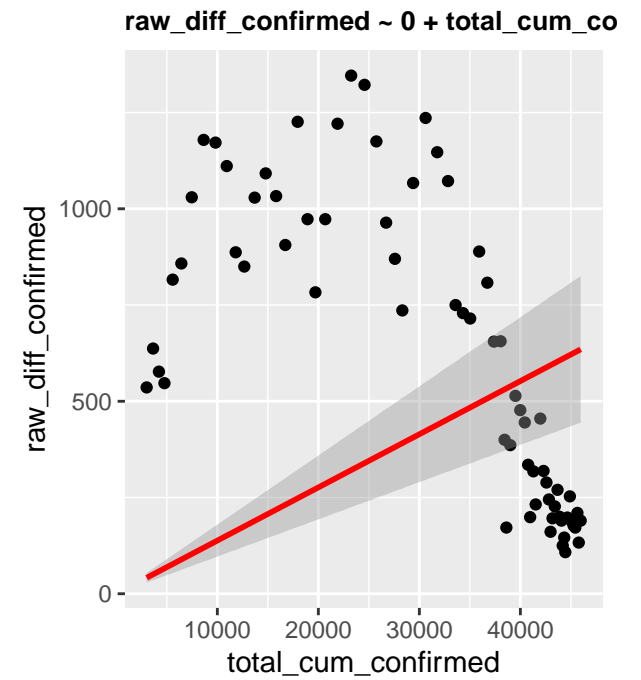
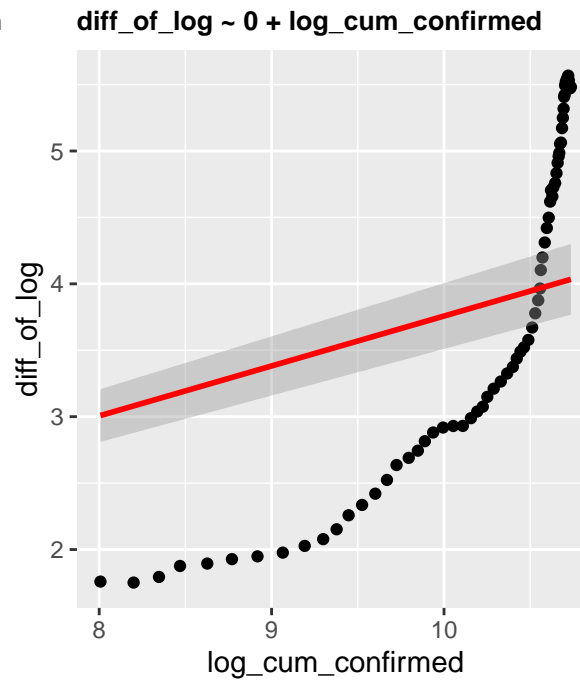
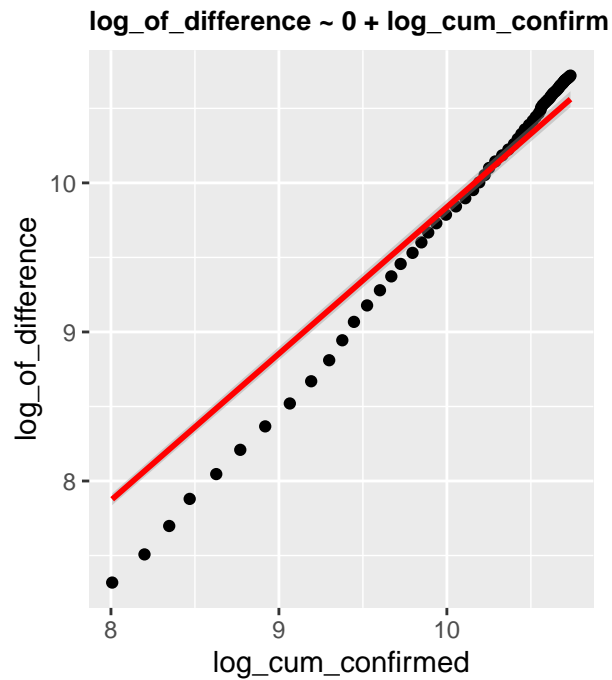
## Morocco

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.979***<br>(0.002)<br>t = 456.736<br>p = 0.000 | 0.405***<br>(0.008)<br>t = 50.390<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.022***<br>(0.002)<br>t = 9.396<br>p = 0.000 |
| R2                            | 1.000                                           | 0.979                                          | 0.616                                         |
| Residual Std. Error (df = 55) | 0.132                                           | 0.494                                          | 84.806                                        |
| F Statistic (df = 1; 55)      | 208,607.600*** (p = 0.000)                      | 2,539.113*** (p = 0.000)                       | 88.280*** (p = 0.000)                         |



## Netherlands

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.984***<br>(0.002)<br>t = 396.270<br>p = 0.000 | 0.376***<br>(0.012)<br>t = 30.297<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.014***<br>(0.002)<br>t = 6.656<br>p = 0.000 |
| R2                            | 1.000                                           | 0.931                                          | 0.394                                         |
| Residual Std. Error (df = 68) | 0.210                                           | 1.048                                          | 578.166                                       |
| F Statistic (df = 1; 68)      | 157,029.800*** (p = 0.000)                      | 917.899*** (p = 0.000)                         | 44.302*** (p = 0.000)                         |

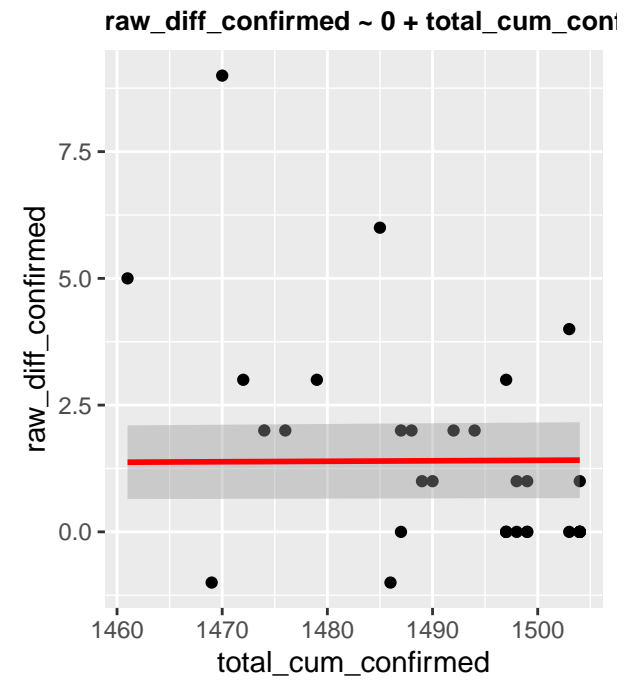
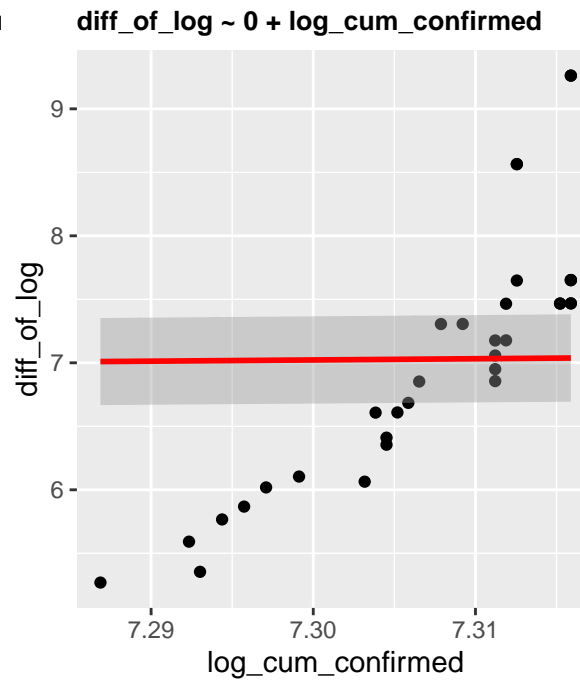
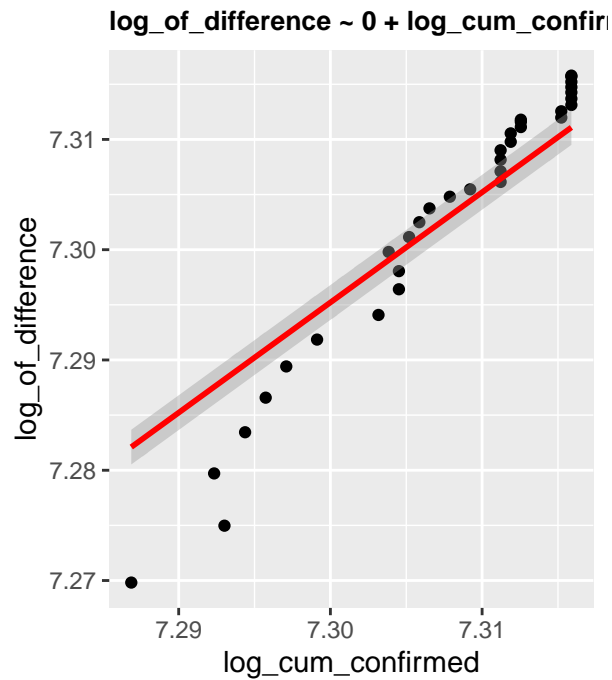


## New Zealand

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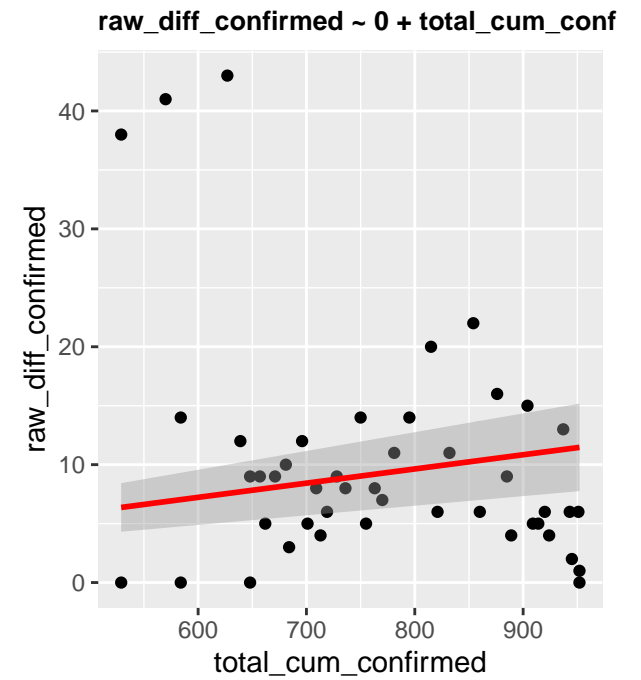
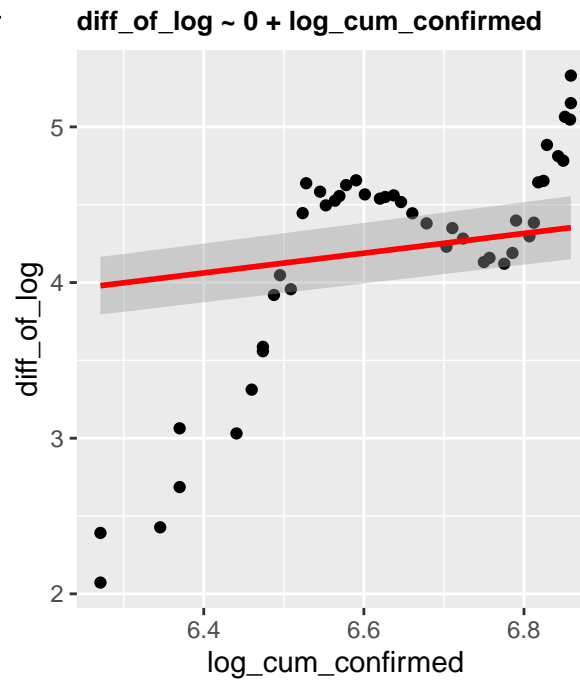
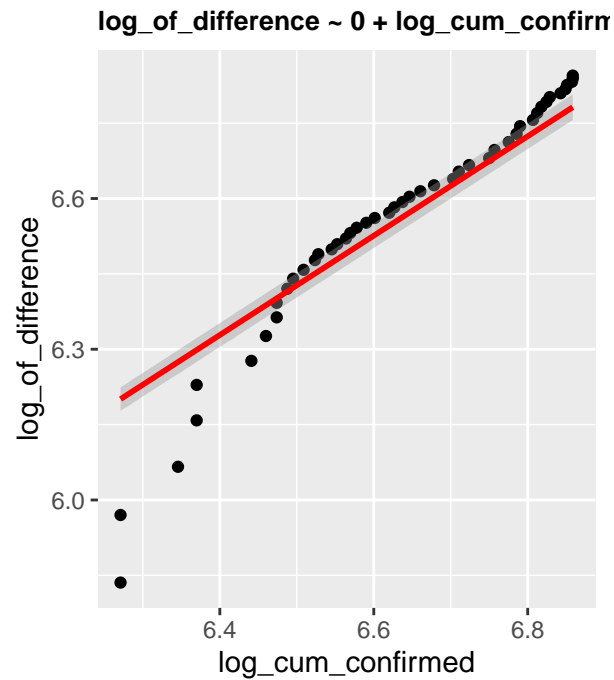
=====
,                                     Dependent variable:
,                                     -----
,                                     log_of_difference      diff_of_log      raw_diff_confirmed
,                                     (1)                  (2)                  (3)
,                                     -----
, log_cum_confirmed      0.999***                  0.962***
,                                     (0.0001)                  (0.023)
,                                     t = 9,402.885                  t = 41.603
,                                     p = 0.000                  p = 0.000
,
, total_cum_confirmed                                     0.001***
,                                     (0.0002)
,                                     t = 3.849
,                                     p = 0.001
,                                     -----
, R2                      1.000                      0.981                      0.310
, Residual Std. Error (df = 33)      0.005      0.985      2.125
, F Statistic (df = 1; 33)      88,414,244.000*** (p = 0.000) 1,730.770*** (p = 0.000) 14.812*** (p = 0.001)
, =====

```



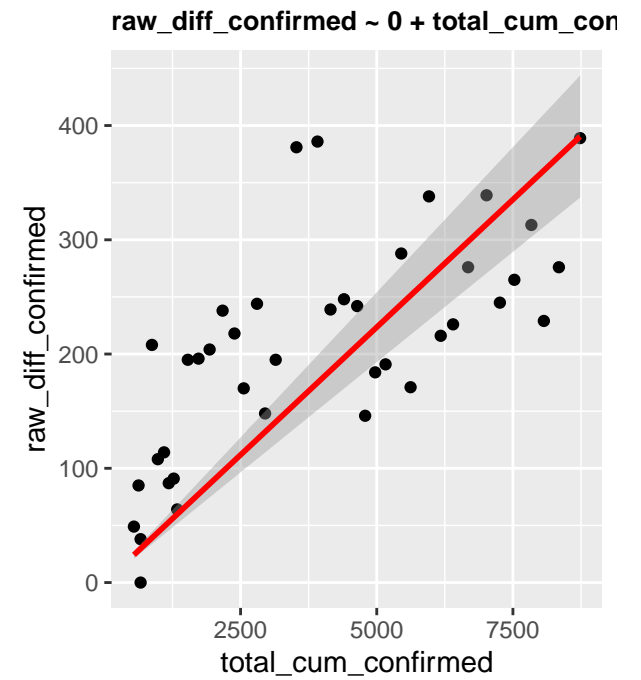
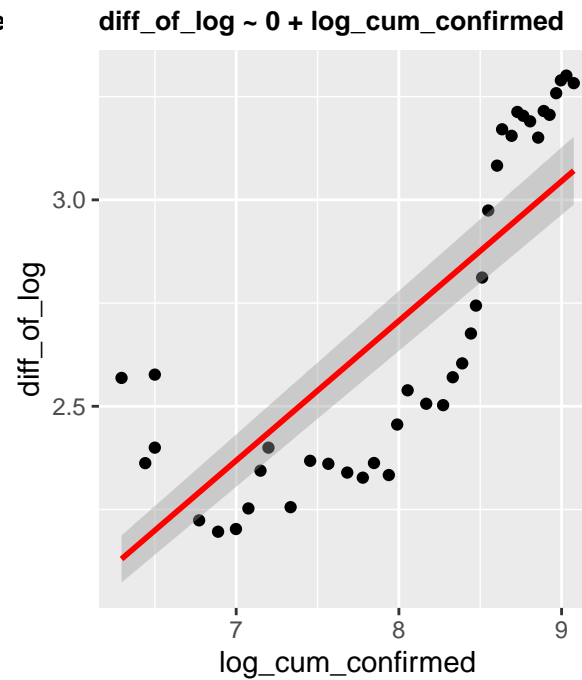
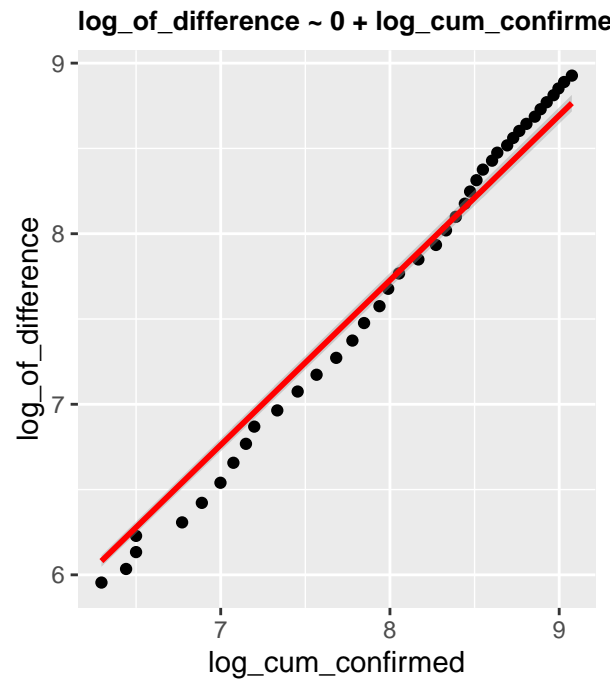
## Niger

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.989***<br>(0.002)<br>t = 535.918<br>p = 0.000 | 0.635***<br>(0.015)<br>t = 43.360<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.012***<br>(0.002)<br>t = 6.223<br>p = 0.00000 |
| R2                            | 1.000                                           | 0.977                                          | 0.463                                           |
| Residual Std. Error (df = 45) | 0.083                                           | 0.659                                          | 10.238                                          |
| F Statistic (df = 1; 45)      | 287,208.100*** (p = 0.000)                      | 1,880.121*** (p = 0.000)                       | 38.726*** (p = 0.00000)                         |



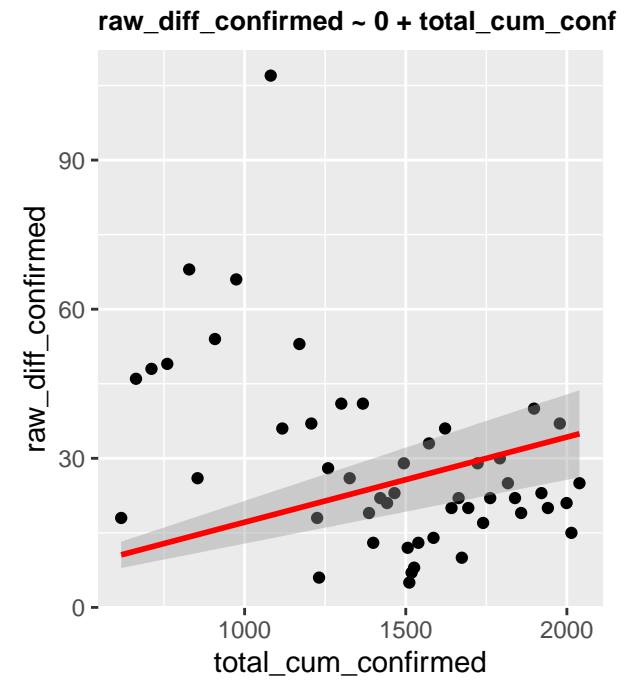
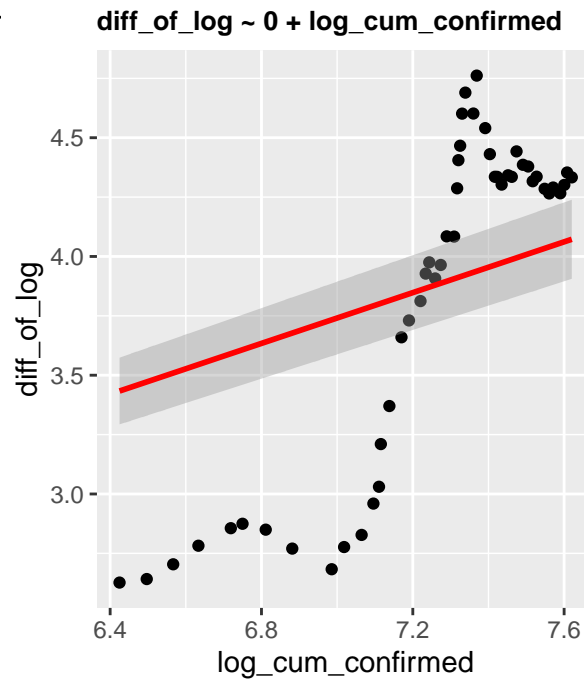
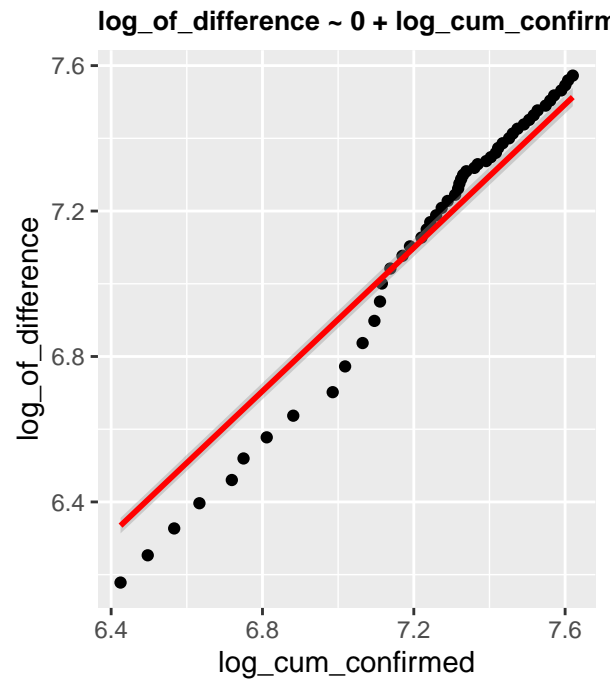
## Nigeria

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.966***<br>(0.003)<br>t = 367.077<br>p = 0.000 | 0.338***<br>(0.004)<br>t = 75.543<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.045***<br>(0.003)<br>t = 14.793<br>p = 0.000 |
| R2                            | 1.000                                           | 0.993                                          | 0.849                                          |
| Residual Std. Error (df = 39) | 0.134                                           | 0.228                                          | 89.298                                         |
| F Statistic (df = 1; 39)      | 134,745.200*** (p = 0.000)                      | 5,706.725*** (p = 0.000)                       | 218.825*** (p = 0.000)                         |



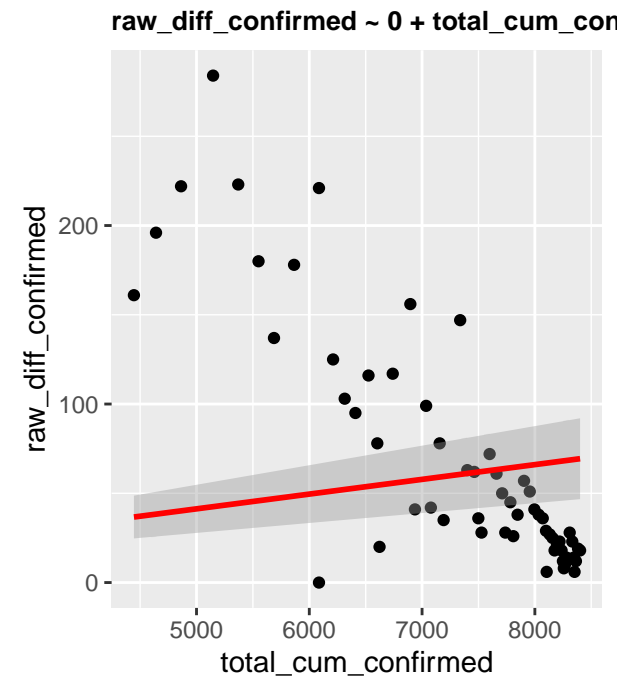
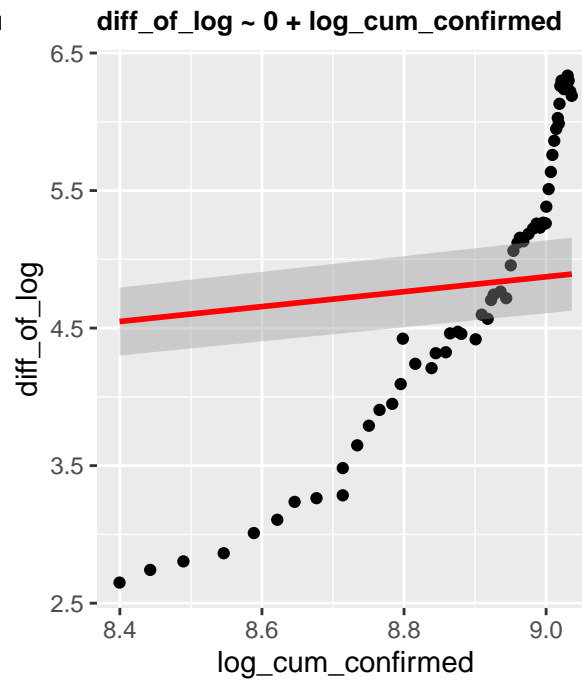
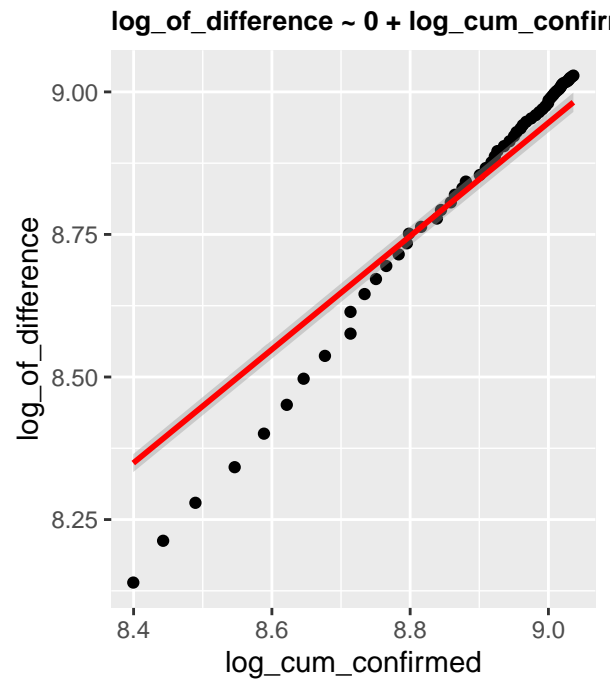
## North Macedonia

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.986***<br>(0.002)<br>t = 597.104<br>p = 0.000 | 0.534***<br>(0.011)<br>t = 49.181<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.017***<br>(0.002)<br>t = 8.017<br>p = 0.000 |
| R2                            | 1.000                                           | 0.980                                          | 0.567                                         |
| Residual Std. Error (df = 49) | 0.085                                           | 0.557                                          | 22.674                                        |
| F Statistic (df = 1; 49)      | 356,533.600*** (p = 0.000)                      | 2,418.722*** (p = 0.000)                       | 64.278*** (p = 0.000)                         |



## Norway

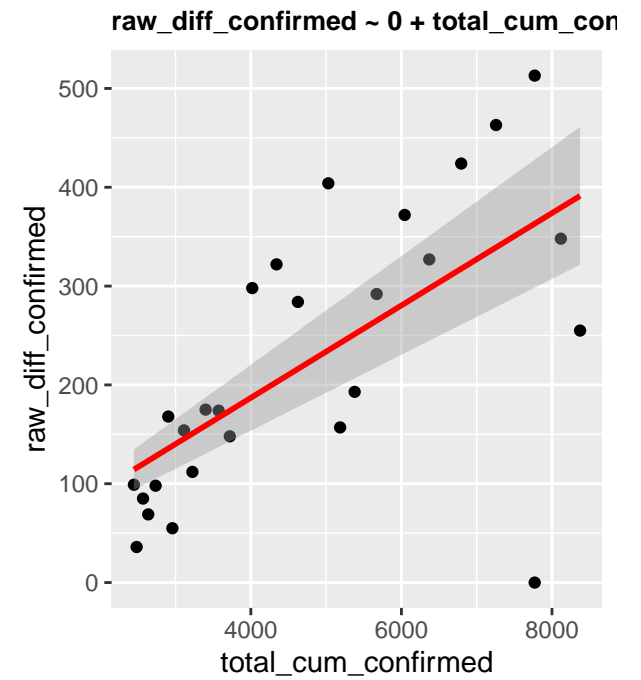
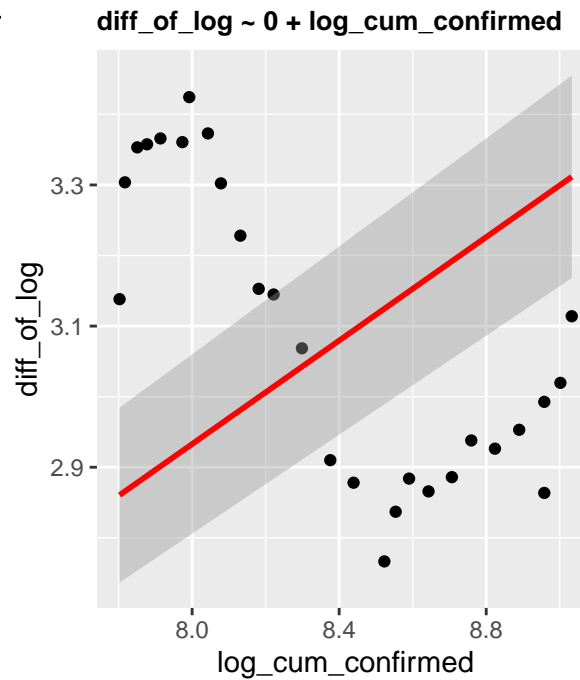
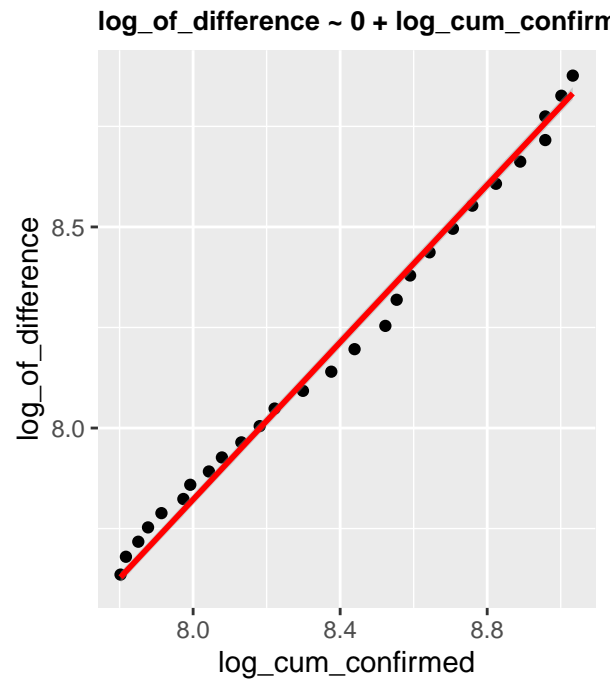
|                               | Dependent variable:                               |                                                |                                                 |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.994***<br>(0.001)<br>t = 1,061.427<br>p = 0.000 | 0.541***<br>(0.015)<br>t = 36.880<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                   |                                                | 0.008***<br>(0.001)<br>t = 6.130<br>p = 0.00000 |
| R2                            | 1.000                                             | 0.959                                          | 0.393                                           |
| Residual Std. Error (df = 58) | 0.064                                             | 1.002                                          | 76.157                                          |
| F Statistic (df = 1; 58)      | 1,126,626.000*** (p = 0.000)                      | 1,360.102*** (p = 0.000)                       | 37.572*** (p = 0.00000)                         |





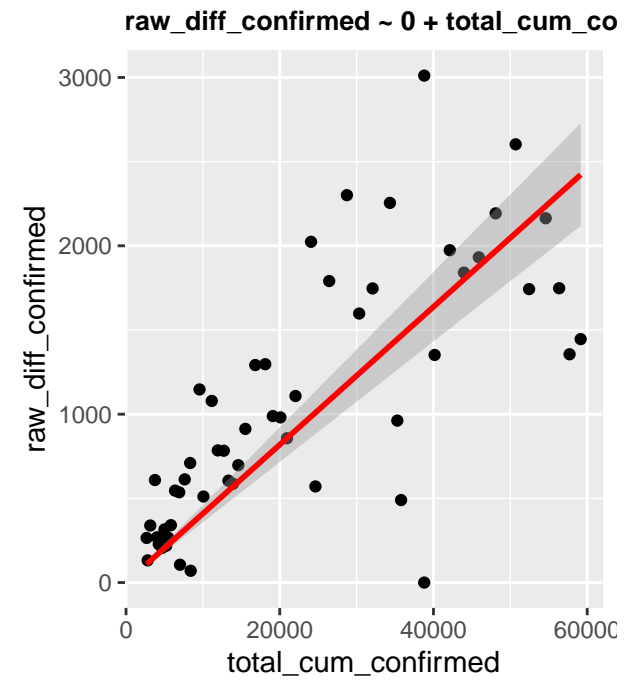
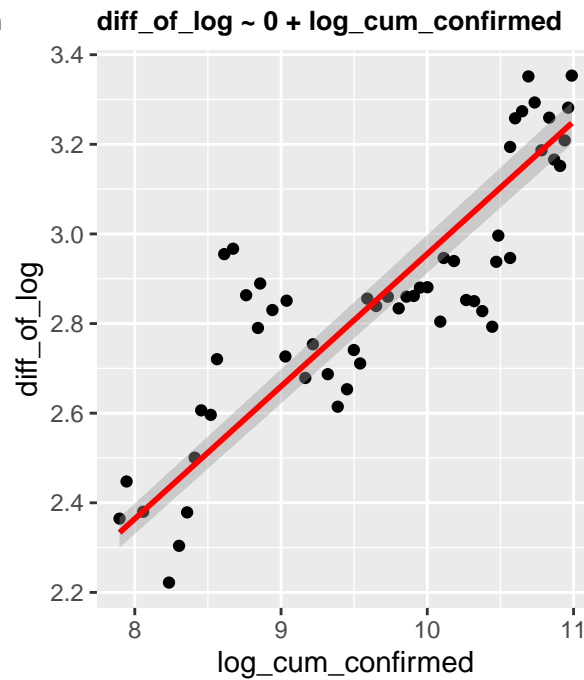
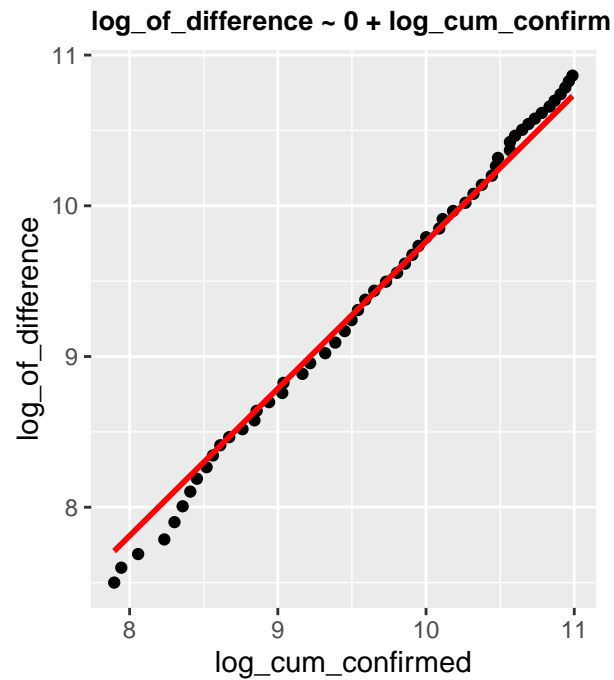
## Oman

|                               | Dependent variable:                               |                                                |                                                |
|-------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.978***<br>(0.001)<br>t = 1,178.514<br>p = 0.000 | 0.367***<br>(0.008)<br>t = 47.452<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                   |                                                | 0.047***<br>(0.004)<br>t = 11.551<br>p = 0.000 |
| R2                            | 1.000                                             | 0.989                                          | 0.837                                          |
| Residual Std. Error (df = 26) | 0.036                                             | 0.337                                          | 107.878                                        |
| F Statistic (df = 1; 26)      | 1,388,896.000*** (p = 0.000)                      | 2,251.730*** (p = 0.000)                       | 133.419*** (p = 0.000)                         |



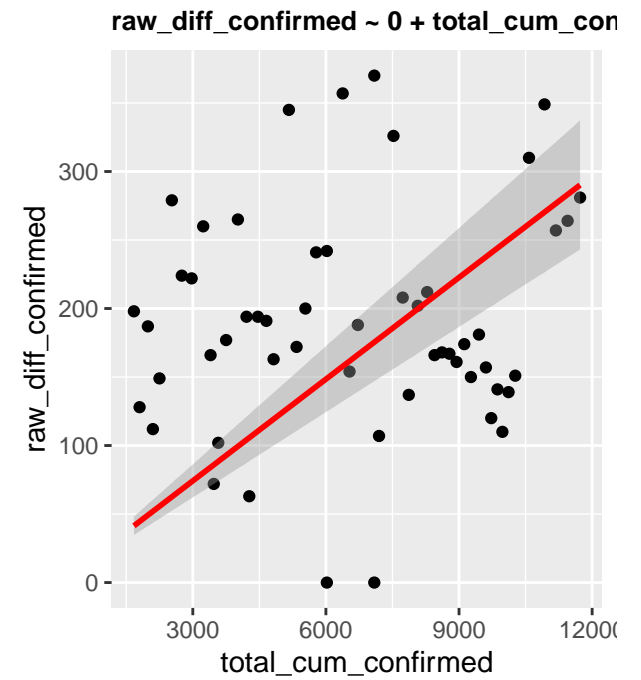
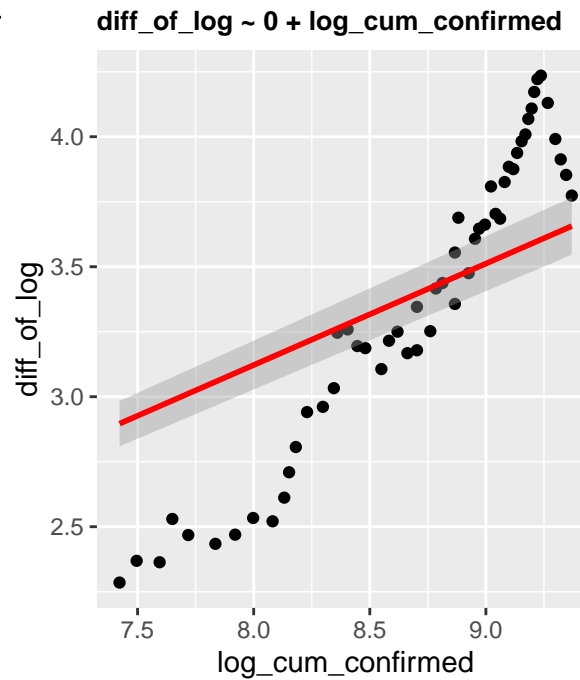
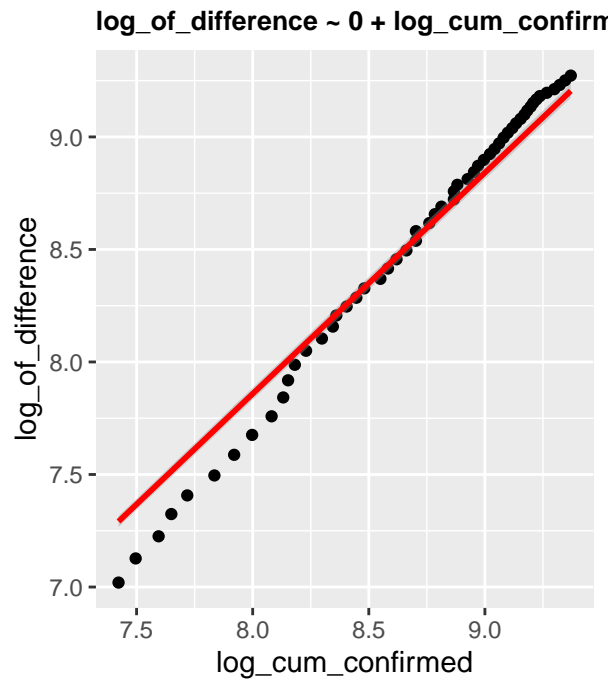
## Pakistan

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.976***<br>(0.001)<br>t = 790.756<br>p = 0.000 | 0.296***<br>(0.002)<br>t = 139.830<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.041***<br>(0.003)<br>t = 15.972<br>p = 0.000 |
| R2                            | 1.000                                           | 0.997                                           | 0.825                                          |
| Residual Std. Error (df = 54) | 0.089                                           | 0.152                                           | 536.136                                        |
| F Statistic (df = 1; 54)      | 625,295.600*** (p = 0.000)                      | 19,552.440*** (p = 0.000)                       | 255.094*** (p = 0.000)                         |



## Panama

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.982***<br>(0.002)<br>t = 592.299<br>p = 0.000 | 0.390***<br>(0.006)<br>t = 66.680<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.025***<br>(0.002)<br>t = 12.374<br>p = 0.000 |
| R2                            | 1.000                                           | 0.988                                          | 0.743                                          |
| Residual Std. Error (df = 53) | 0.106                                           | 0.373                                          | 105.454                                        |
| F Statistic (df = 1; 53)      | 350,817.600*** (p = 0.000)                      | 4,446.163*** (p = 0.000)                       | 153.128*** (p = 0.000)                         |

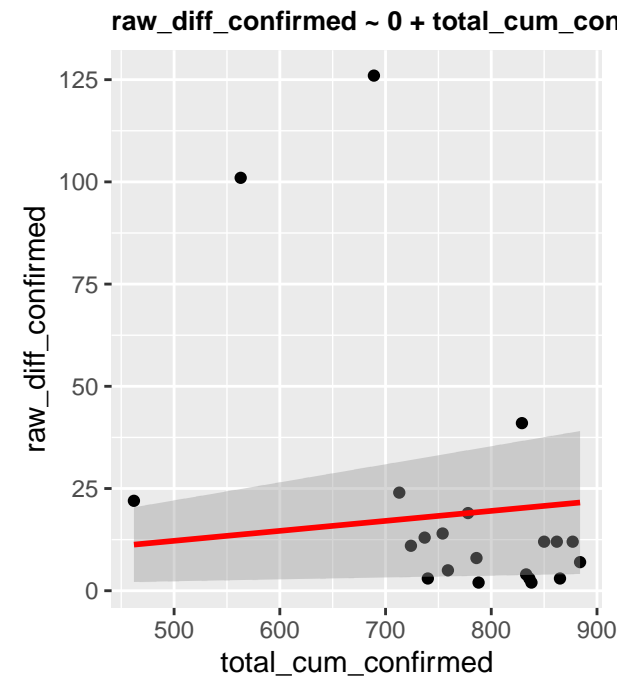
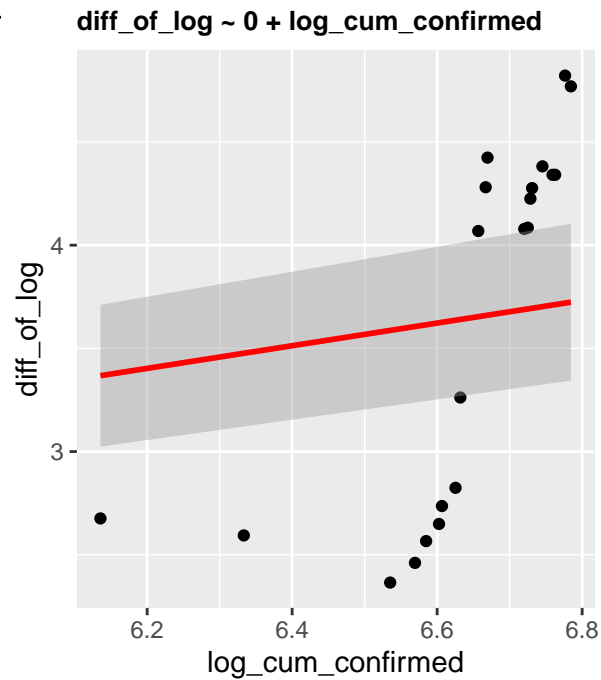
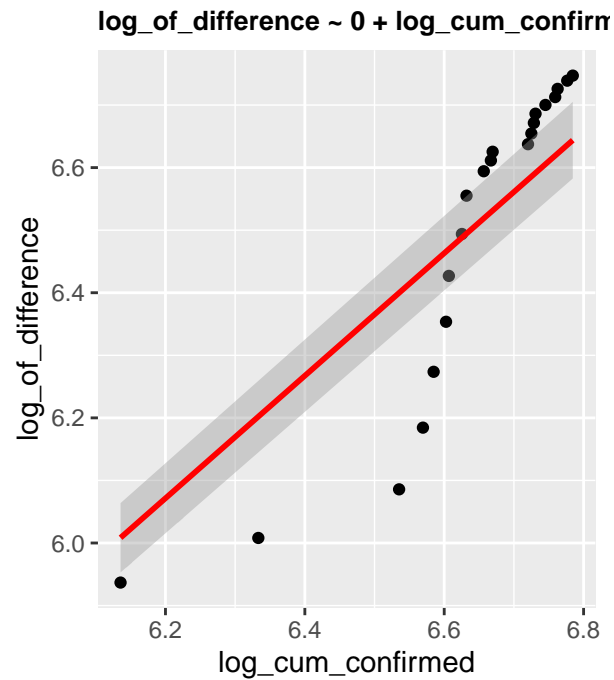


## Paraguay

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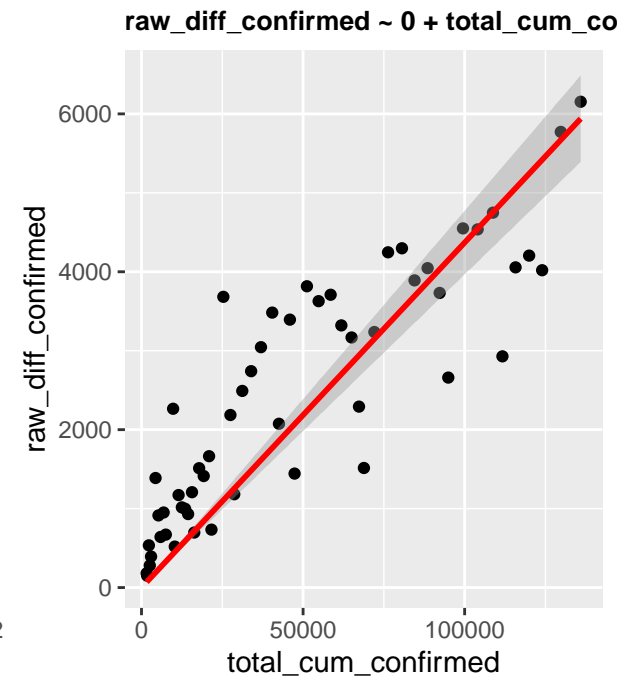
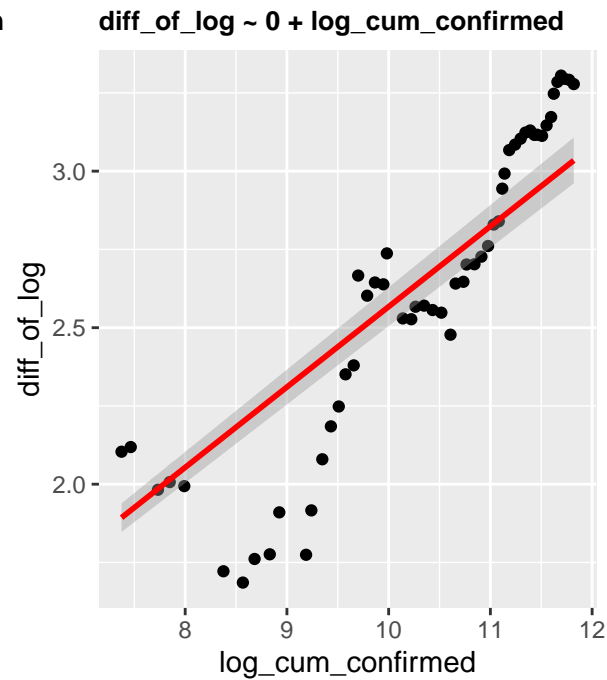
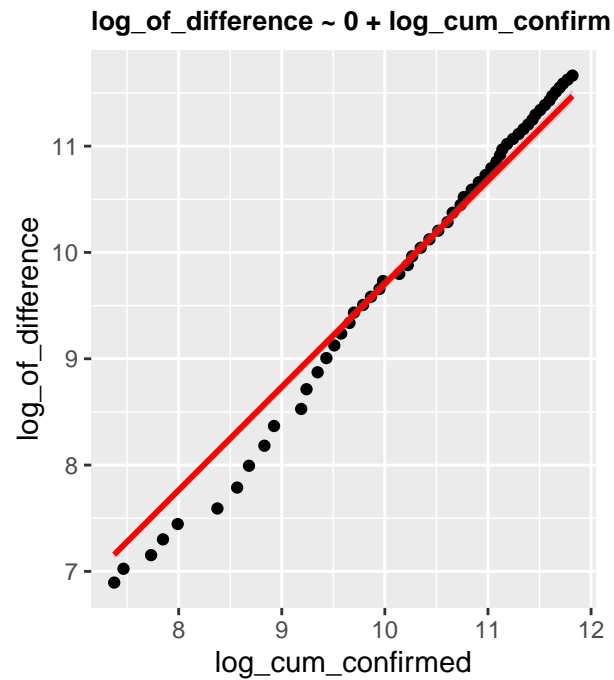
=====
,                                     Dependent variable:
,                                     -----
,                                     log_of_difference    diff_of_log    raw_diff_confirmed
,                                     (1)                (2)                (3)
,                                     -----
, log_cum_confirmed                0.979***            0.549***
,                                     (0.004)            (0.027)
,                                     t = 226.261        t = 20.441
,                                     p = 0.000          p = 0.000
,
, total_cum_confirmed                                0.024**
,                                                  (0.009)
,                                                  t = 2.576
,                                                  p = 0.019
,
, -----
, R2                                1.000                0.954                0.249
, Residual Std. Error (df = 20)    0.132                0.817                33.721
, F Statistic (df = 1; 20)        51,194.070*** (p = 0.000) 417.819*** (p = 0.000) 6.633** (p = 0.019)
,
=====

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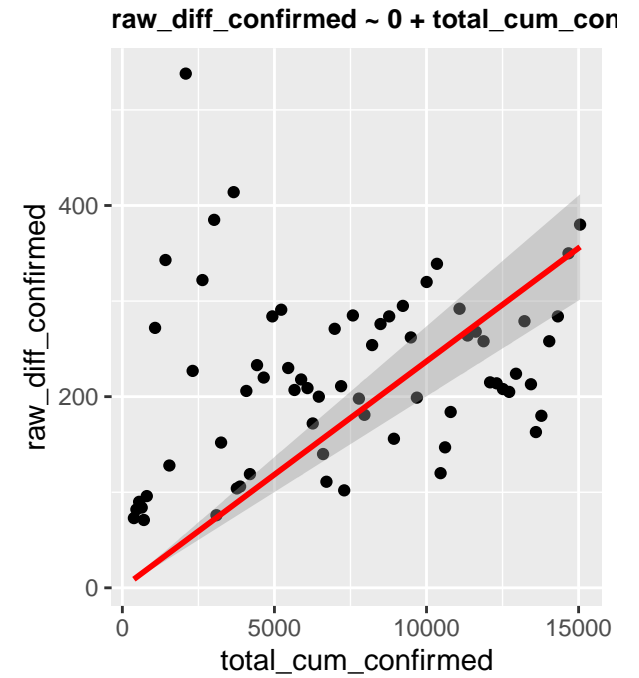
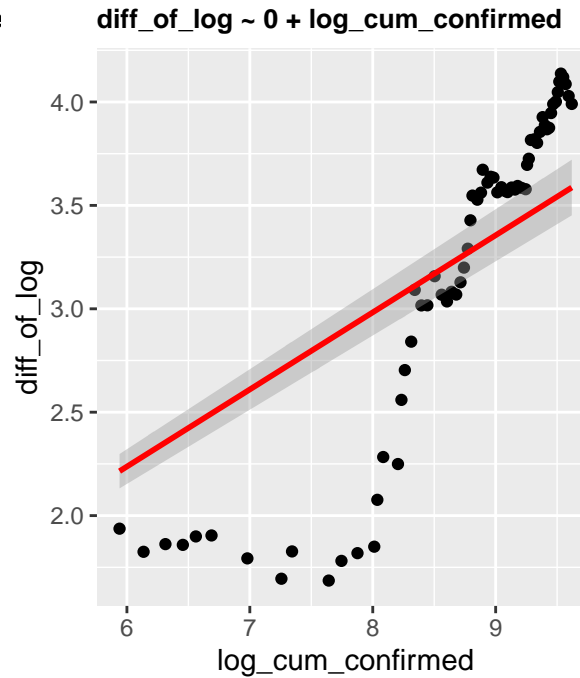
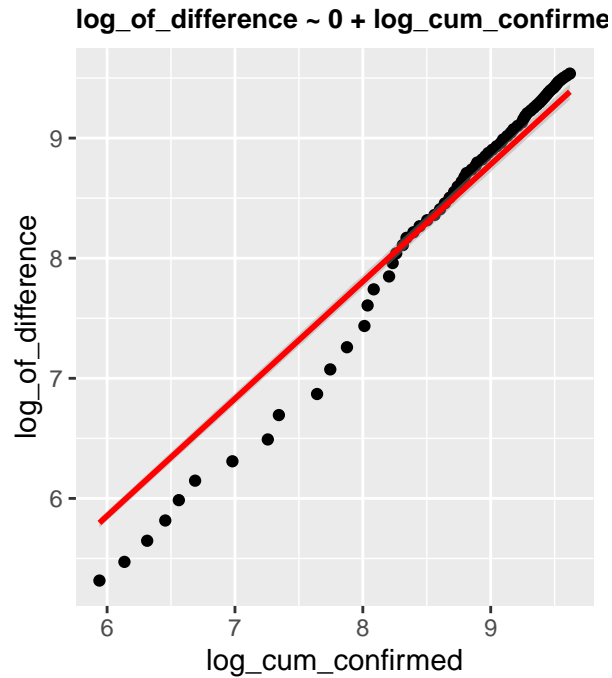
## Peru

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.971***<br>(0.003)<br>t = 359.325<br>p = 0.000 | 0.257***<br>(0.003)<br>t = 83.127<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.044***<br>(0.002)<br>t = 21.797<br>p = 0.000 |
| R2                            | 1.000                                           | 0.992                                          | 0.898                                          |
| Residual Std. Error (df = 54) | 0.207                                           | 0.236                                          | 932.997                                        |
| F Statistic (df = 1; 54)      | 129,114.200*** (p = 0.000)                      | 6,910.083*** (p = 0.000)                       | 475.110*** (p = 0.000)                         |



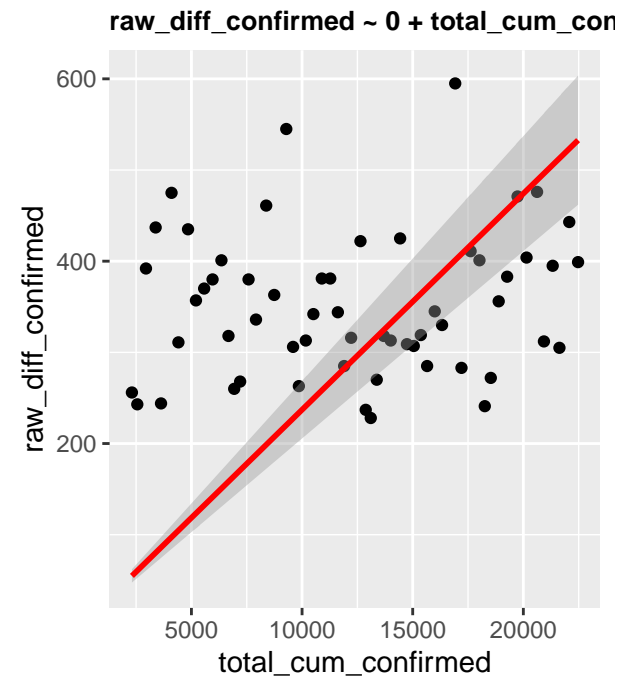
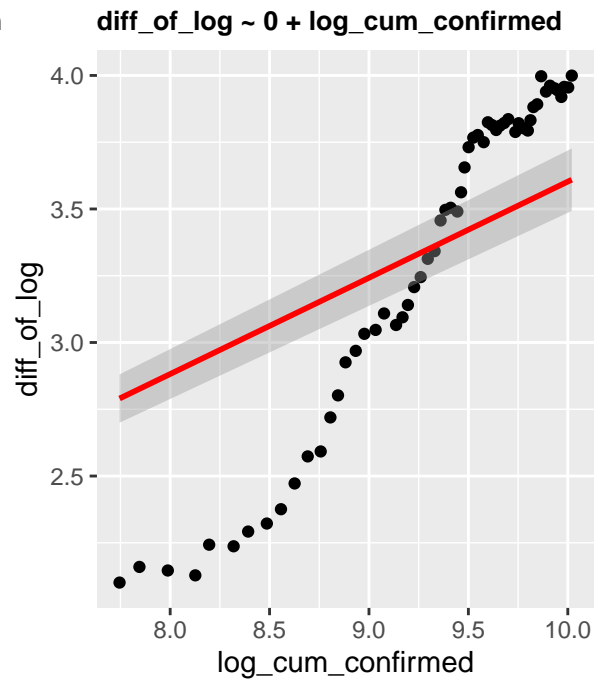
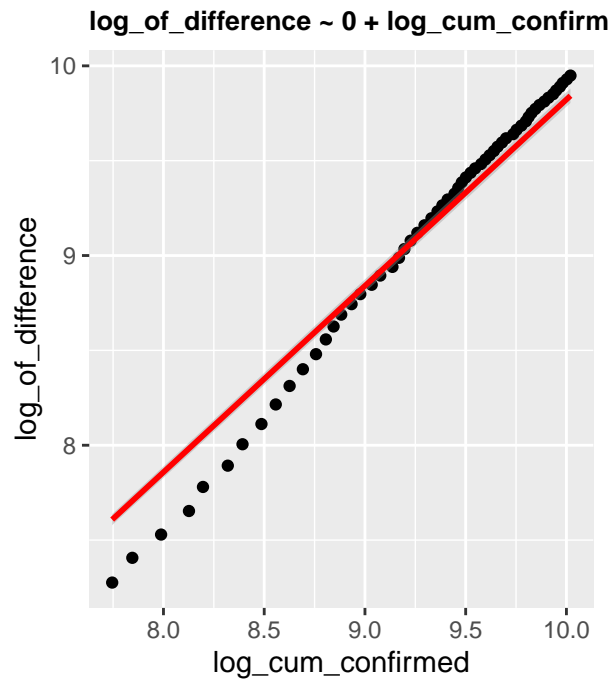
# Philippines

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.976***<br>(0.003)<br>t = 287.135<br>p = 0.000 | 0.373***<br>(0.007)<br>t = 53.197<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.024***<br>(0.002)<br>t = 12.929<br>p = 0.000 |
| R2                            | 0.999                                           | 0.977                                          | 0.717                                          |
| Residual Std. Error (df = 66) | 0.241                                           | 0.497                                          | 127.742                                        |
| F Statistic (df = 1; 66)      | 82,446.330*** (p = 0.000)                       | 2,829.954*** (p = 0.000)                       | 167.154*** (p = 0.000)                         |



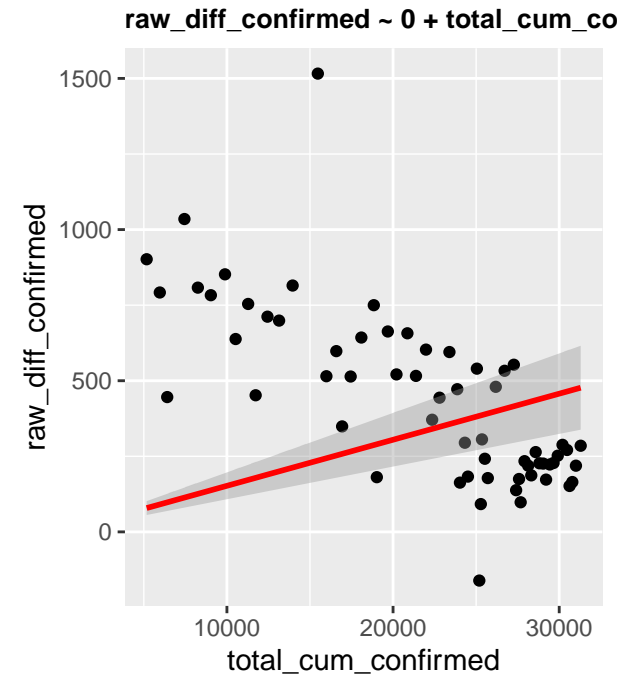
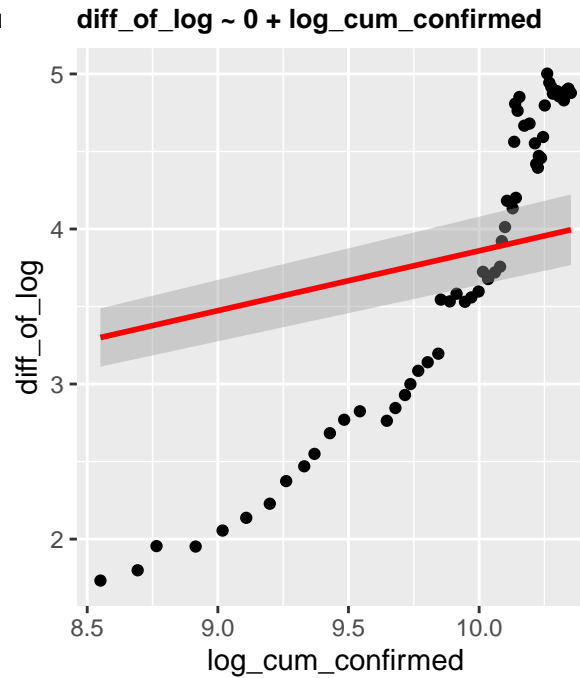
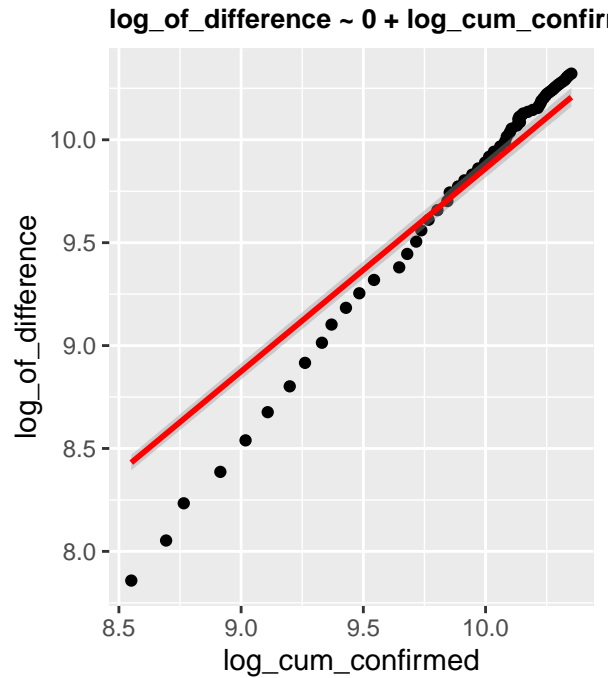
## Poland

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.982***<br>(0.002)<br>t = 520.929<br>p = 0.000 | 0.360***<br>(0.006)<br>t = 61.820<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.024***<br>(0.002)<br>t = 15.066<br>p = 0.000 |
| R2                            | 1.000                                           | 0.985                                          | 0.799                                          |
| Residual Std. Error (df = 57) | 0.133                                           | 0.412                                          | 162.934                                        |
| F Statistic (df = 1; 57)      | 271,367.100*** (p = 0.000)                      | 3,821.719*** (p = 0.000)                       | 226.974*** (p = 0.000)                         |



## Portugal

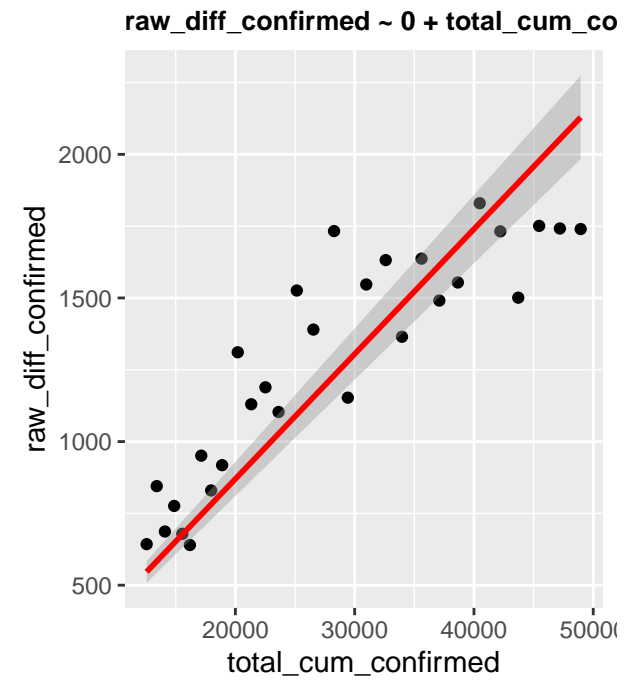
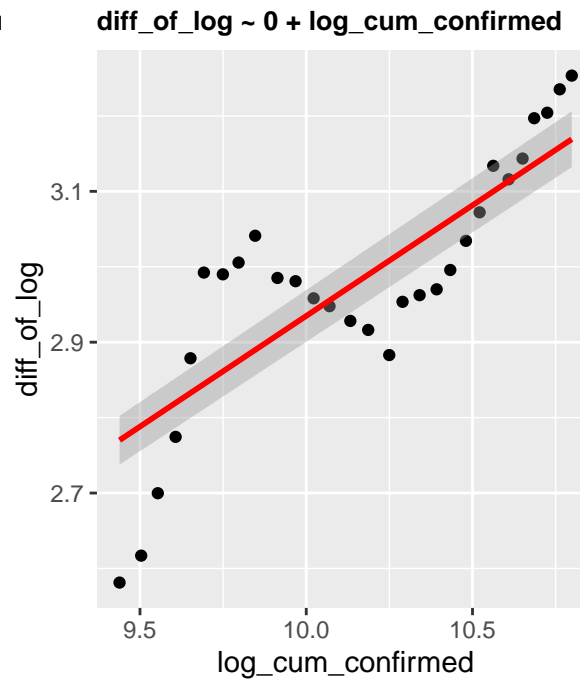
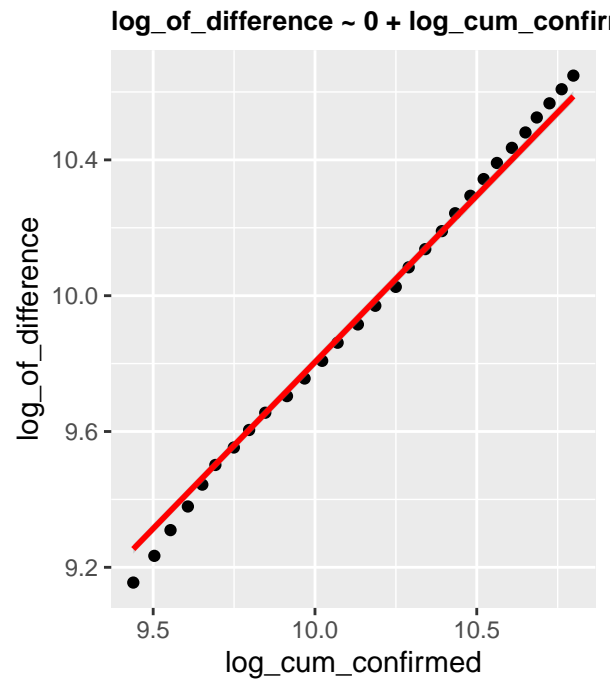
|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.986***<br>(0.002)<br>t = 447.903<br>p = 0.000 | 0.386***<br>(0.011)<br>t = 35.118<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.015***<br>(0.002)<br>t = 6.871<br>p = 0.000 |
| R2                            | 1.000                                           | 0.954                                          | 0.440                                         |
| Residual Std. Error (df = 60) | 0.170                                           | 0.850                                          | 397.261                                       |
| F Statistic (df = 1; 60)      | 200,616.800*** (p = 0.000)                      | 1,233.296*** (p = 0.000)                       | 47.213*** (p = 0.000)                         |





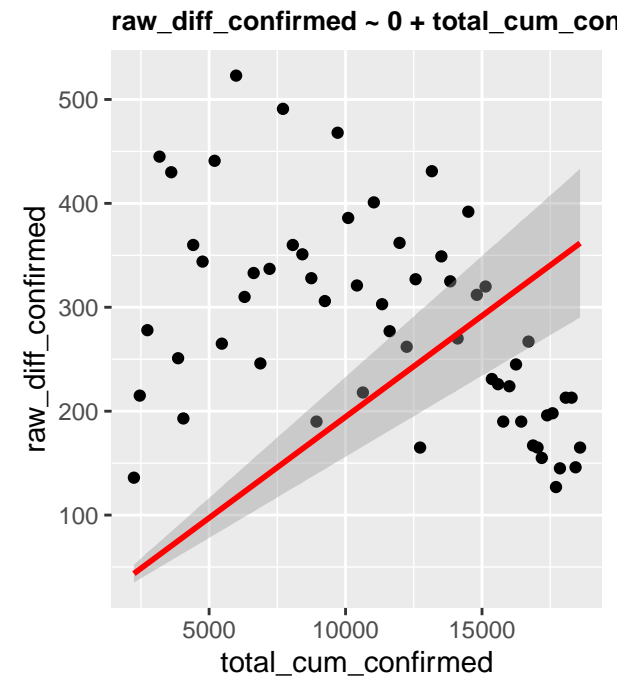
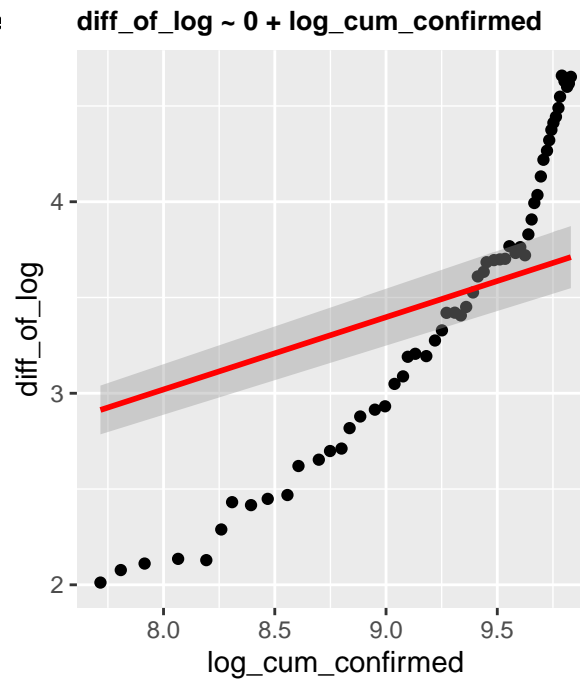
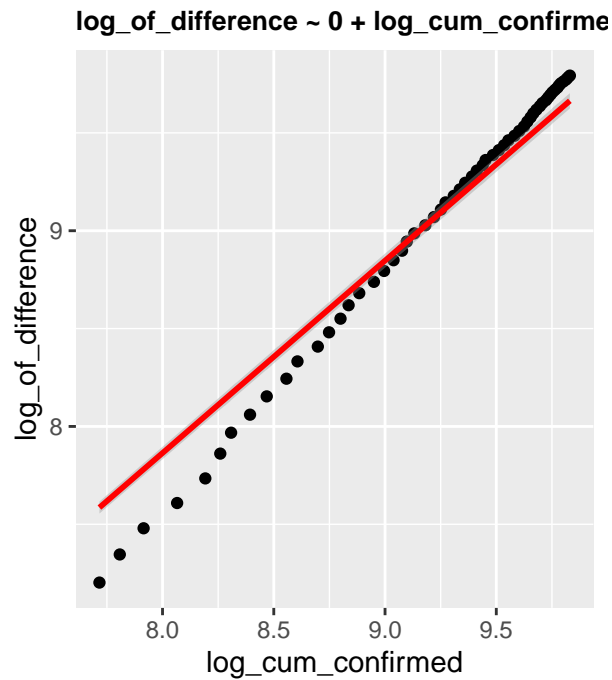
## Qatar

|                               | Dependent variable:                               |                                                 |                                                |
|-------------------------------|---------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.980***<br>(0.001)<br>t = 1,395.443<br>p = 0.000 | 0.293***<br>(0.002)<br>t = 175.559<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                   |                                                 | 0.043***<br>(0.001)<br>t = 30.000<br>p = 0.000 |
| R2                            | 1.000                                             | 0.999                                           | 0.970                                          |
| Residual Std. Error (df = 28) | 0.038                                             | 0.092                                           | 236.019                                        |
| F Statistic (df = 1; 28)      | 1,947,261.000*** (p = 0.000)                      | 30,820.850*** (p = 0.000)                       | 900.016*** (p = 0.000)                         |



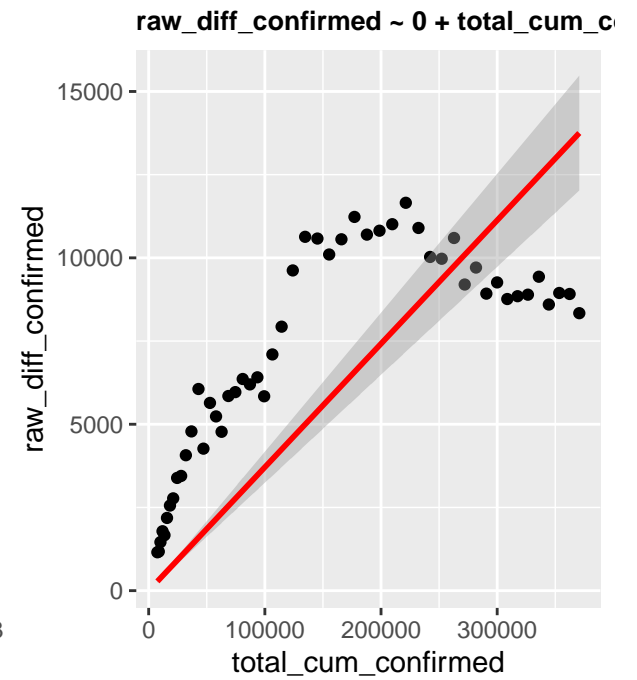
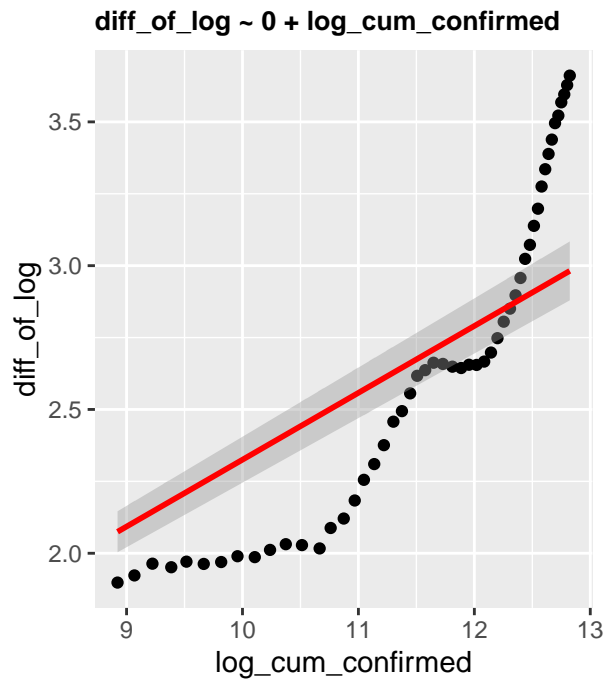
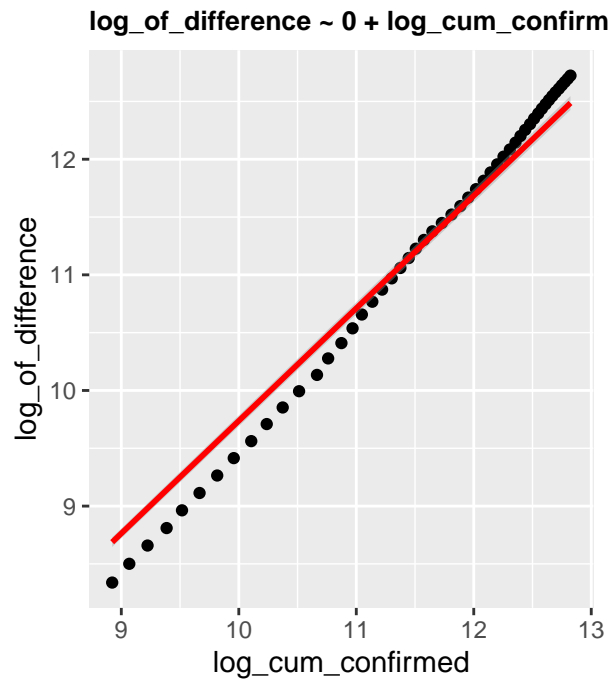
## Romania

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.983***<br>(0.002)<br>t = 493.769<br>p = 0.000 | 0.377***<br>(0.008)<br>t = 45.827<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.019***<br>(0.002)<br>t = 10.146<br>p = 0.000 |
| R2                            | 1.000                                           | 0.974                                          | 0.644                                          |
| Residual Std. Error (df = 57) | 0.140                                           | 0.578                                          | 180.934                                        |
| F Statistic (df = 1; 57)      | 243,807.700*** (p = 0.000)                      | 2,100.119*** (p = 0.000)                       | 102.948*** (p = 0.000)                         |



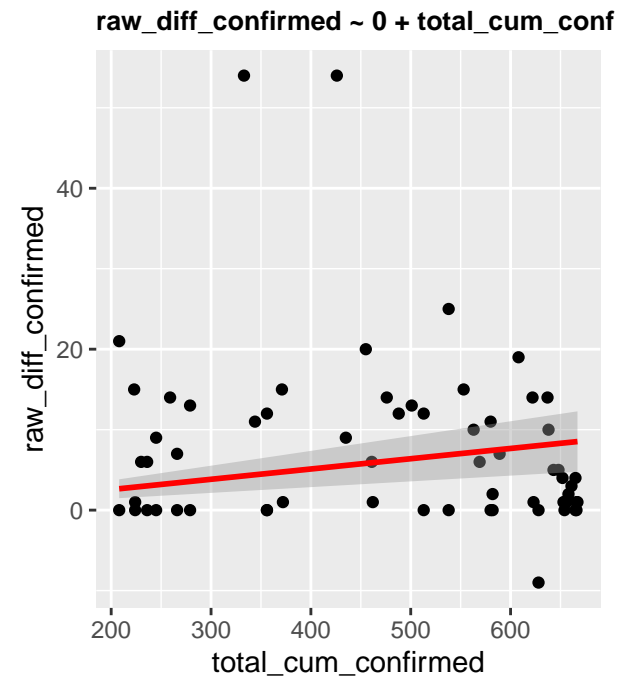
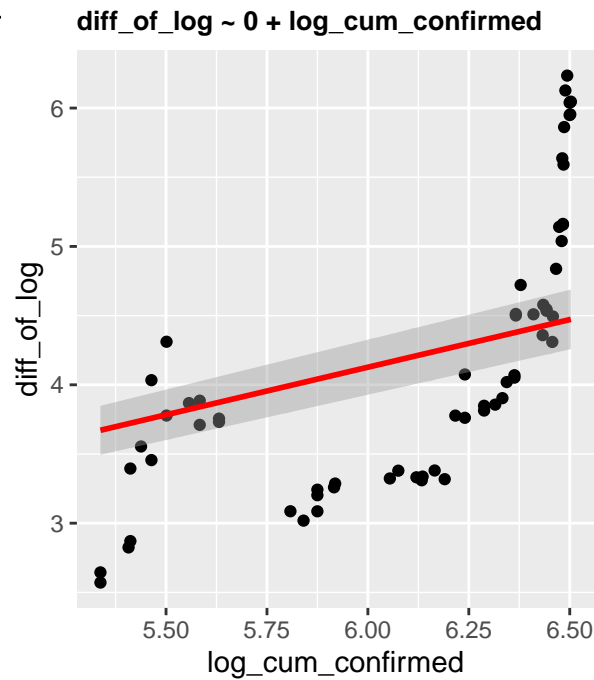
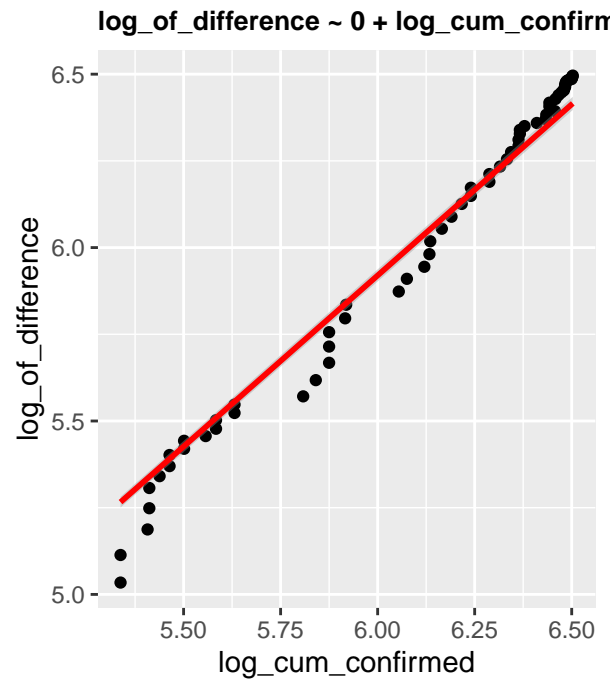
## Russia

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.974***<br>(0.002)<br>t = 414.509<br>p = 0.000 | 0.233***<br>(0.004)<br>t = 58.488<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.037***<br>(0.002)<br>t = 16.001<br>p = 0.000 |
| R2                            | 1.000                                           | 0.986                                          | 0.837                                          |
| Residual Std. Error (df = 50) | 0.193                                           | 0.327                                          | 3,190.094                                      |
| F Statistic (df = 1; 50)      | 171,817.600*** (p = 0.000)                      | 3,420.876*** (p = 0.000)                       | 256.040*** (p = 0.000)                         |



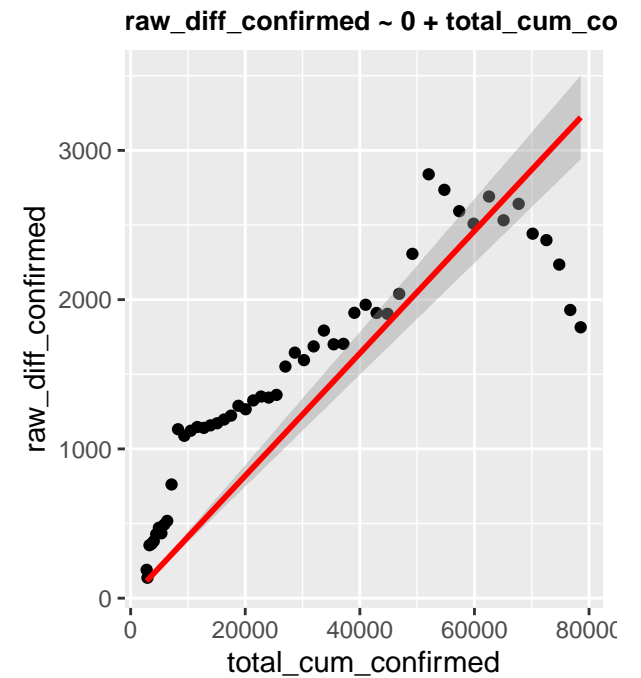
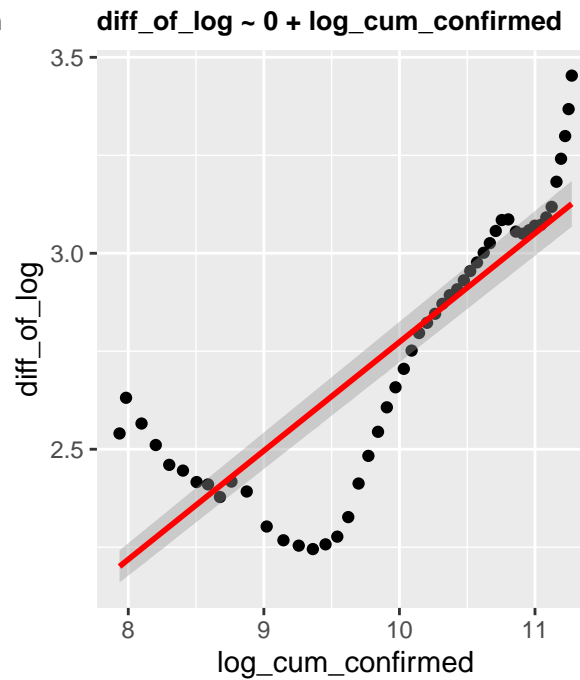
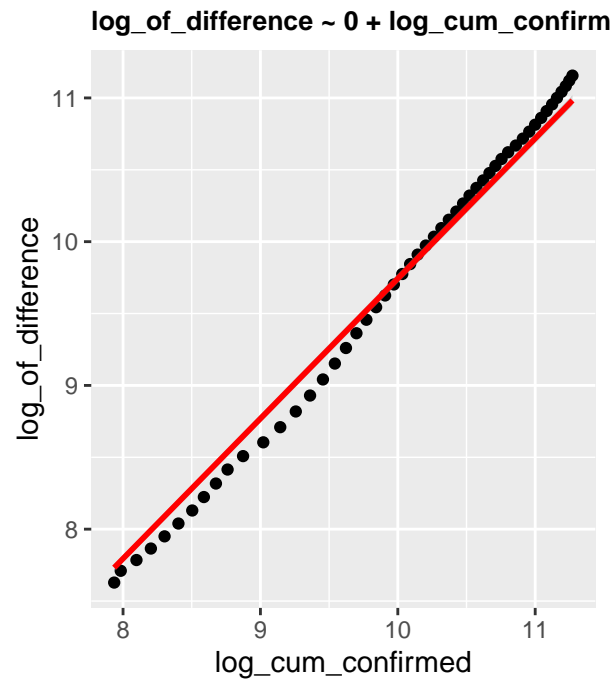
## San Marino

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.987***<br>(0.001)<br>t = 675.639<br>p = 0.000 | 0.688***<br>(0.017)<br>t = 41.512<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.013***<br>(0.003)<br>t = 4.535<br>p = 0.00003 |
| R2                            | 1.000                                           | 0.965                                          | 0.246                                           |
| Residual Std. Error (df = 63) | 0.071                                           | 0.811                                          | 11.434                                          |
| F Statistic (df = 1; 63)      | 456,487.900*** (p = 0.000)                      | 1,723.210*** (p = 0.000)                       | 20.563*** (p = 0.00003)                         |



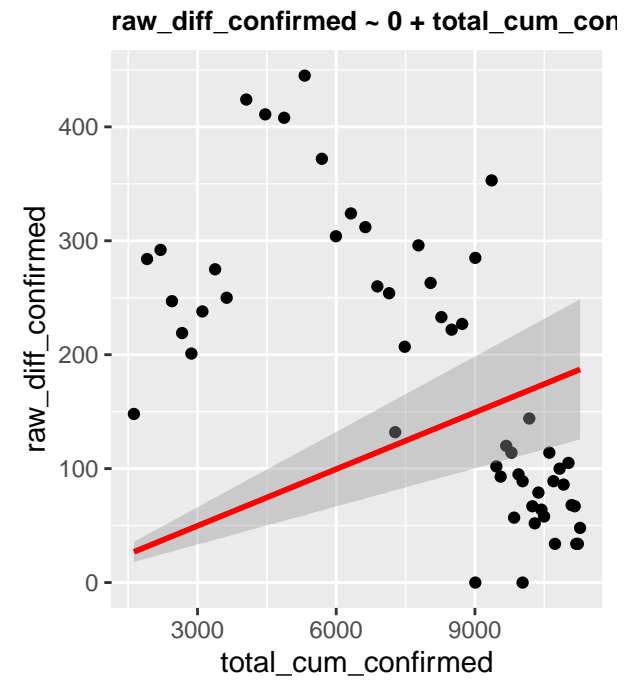
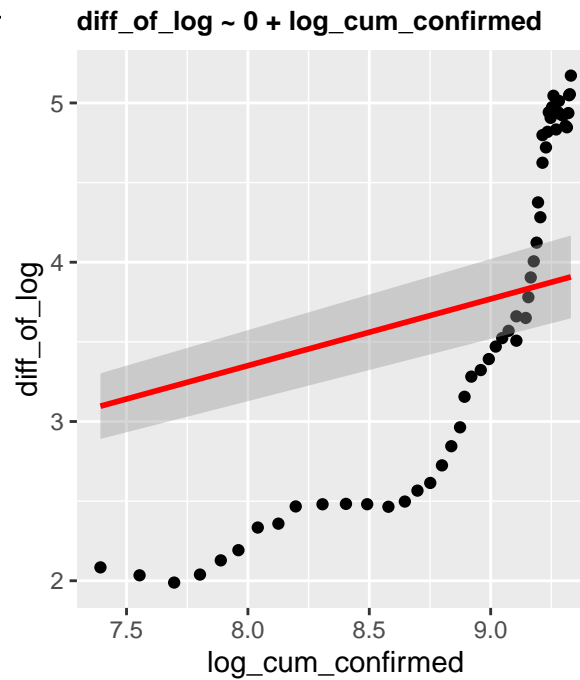
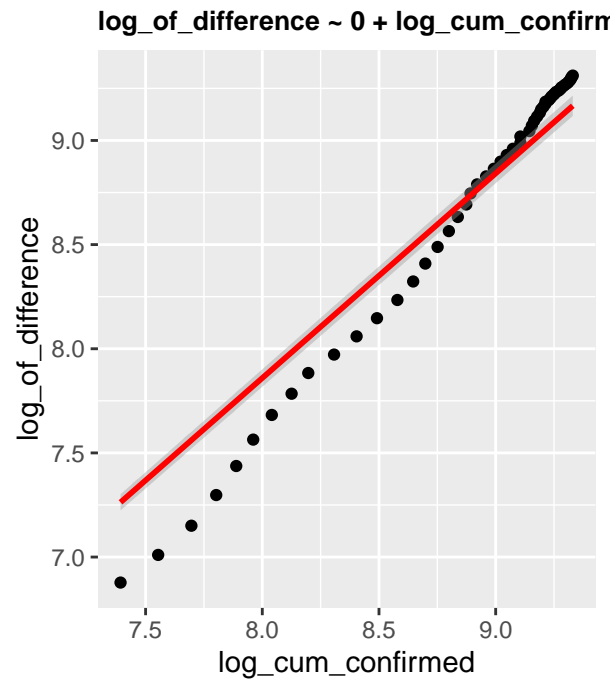
## Saudi Arabia

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.974***<br>(0.002)<br>t = 607.148<br>p = 0.000 | 0.277***<br>(0.003)<br>t = 107.628<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.041***<br>(0.002)<br>t = 23.079<br>p = 0.000 |
| R2                            | 1.000                                           | 0.996                                           | 0.914                                          |
| Residual Std. Error (df = 50) | 0.115                                           | 0.184                                           | 492.598                                        |
| F Statistic (df = 1; 50)      | 368,628.800*** (p = 0.000)                      | 11,583.680*** (p = 0.000)                       | 532.628*** (p = 0.000)                         |



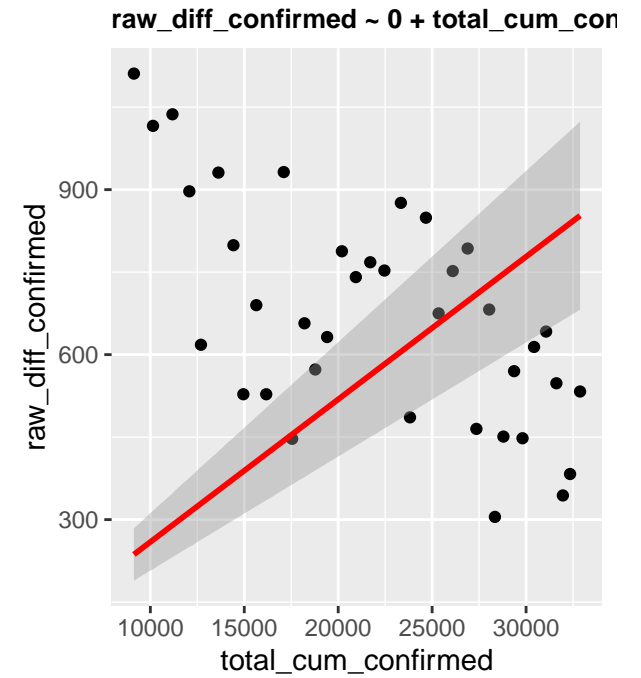
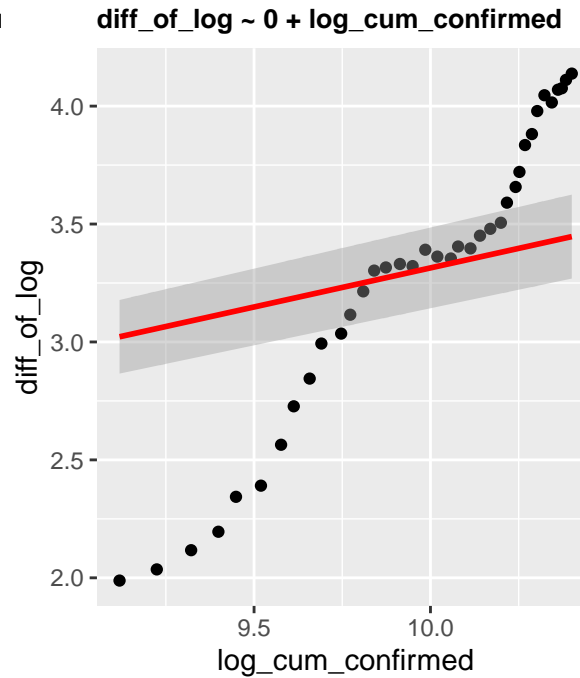
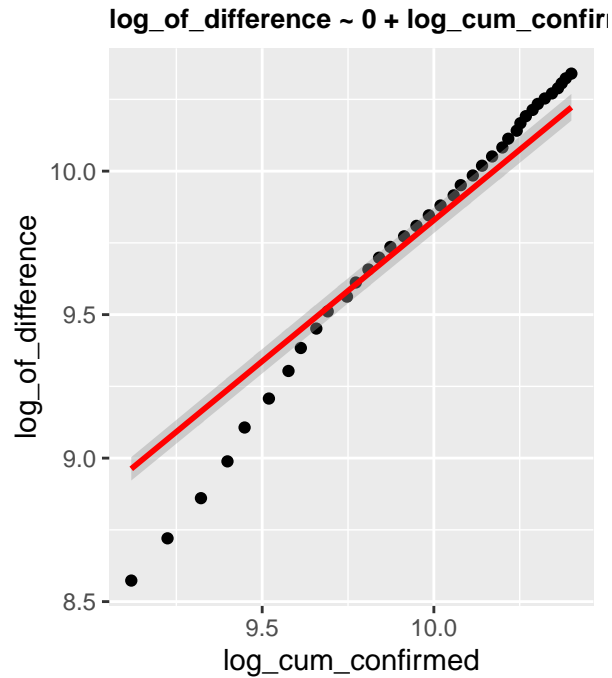
## Serbia

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.982***<br>(0.003)<br>t = 375.542<br>p = 0.000 | 0.419***<br>(0.014)<br>t = 30.141<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.017***<br>(0.003)<br>t = 6.108<br>p = 0.00000 |
| R2                            | 1.000                                           | 0.945                                          | 0.413                                           |
| Residual Std. Error (df = 53) | 0.171                                           | 0.907                                          | 168.393                                         |
| F Statistic (df = 1; 53)      | 141,031.800*** (p = 0.000)                      | 908.490*** (p = 0.000)                         | 37.311*** (p = 0.00000)                         |



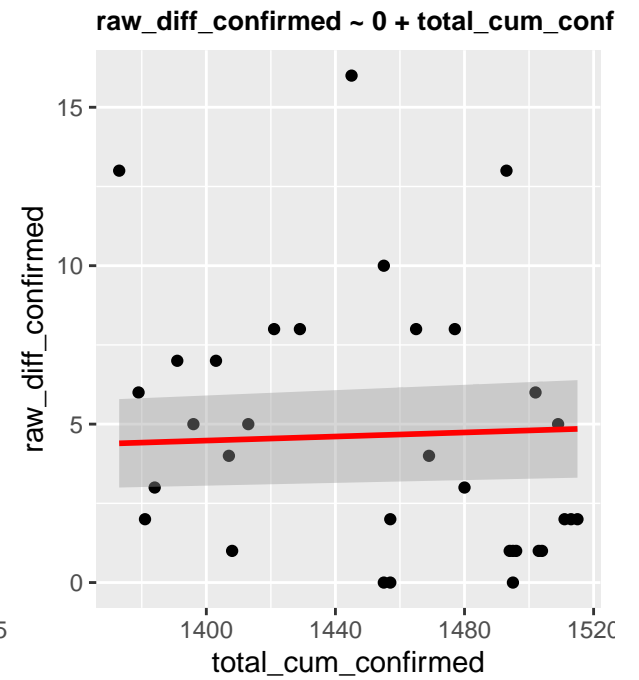
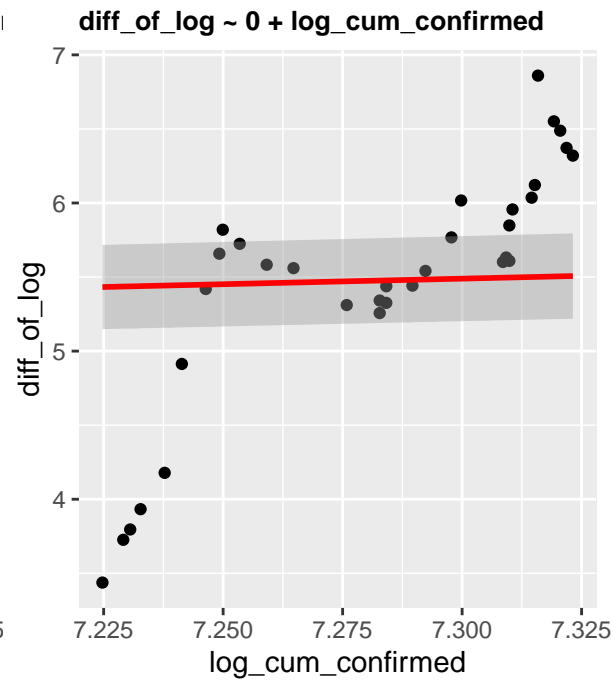
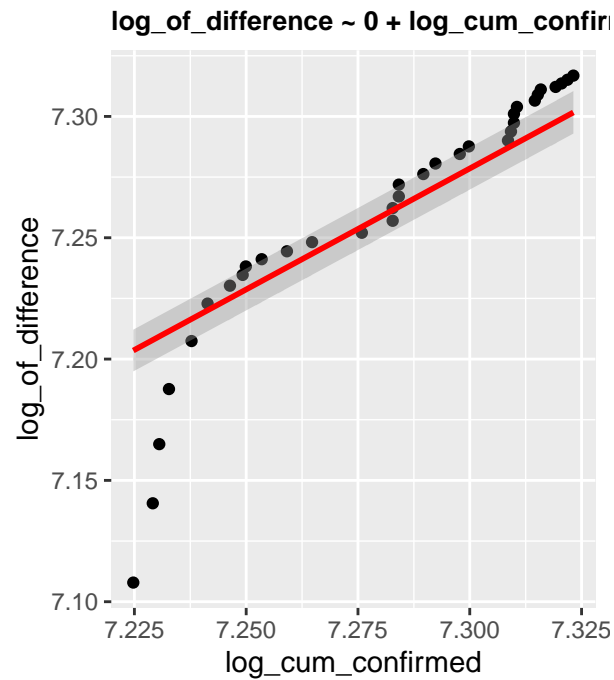
# Singapore

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.983***<br>(0.002)<br>t = 445.965<br>p = 0.000 | 0.331***<br>(0.008)<br>t = 39.278<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.026***<br>(0.003)<br>t = 10.116<br>p = 0.000 |
| R2                            | 1.000                                           | 0.977                                          | 0.740                                          |
| Residual Std. Error (df = 36) | 0.133                                           | 0.511                                          | 362.096                                        |
| F Statistic (df = 1; 36)      | 198,884.500*** (p = 0.000)                      | 1,542.723*** (p = 0.000)                       | 102.341*** (p = 0.000)                         |



## Slovakia

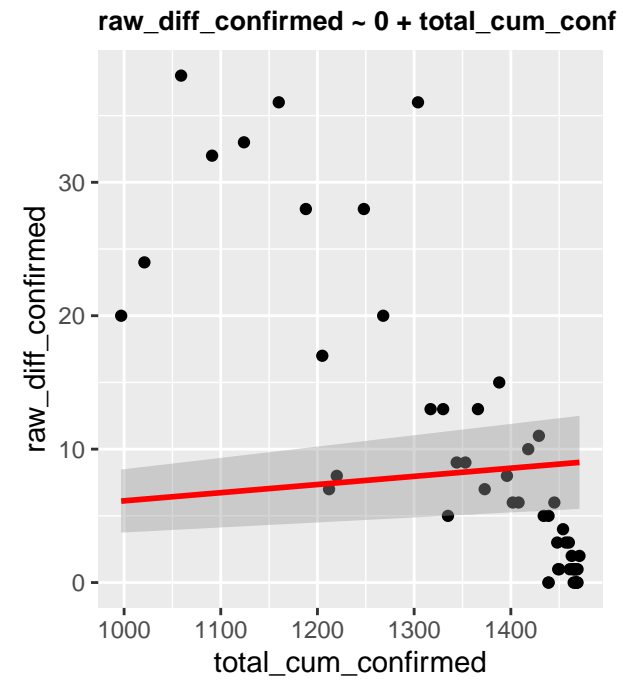
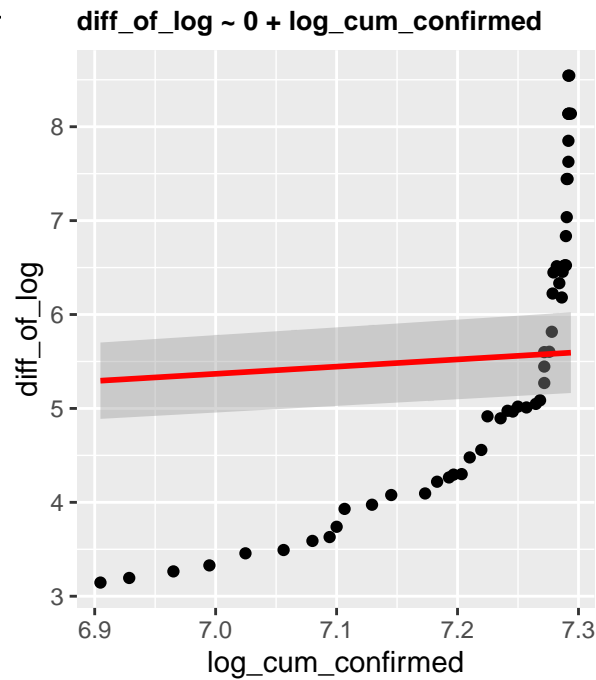
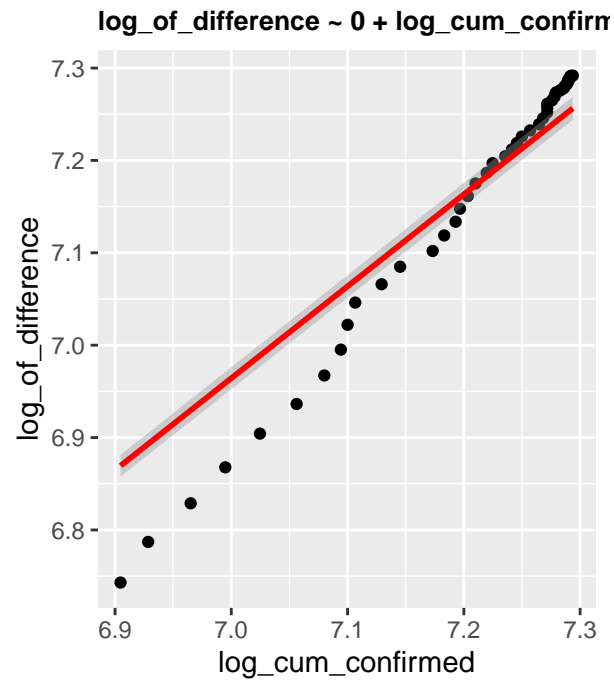
|                               | Dependent variable:                               |                                                |                                                  |
|-------------------------------|---------------------------------------------------|------------------------------------------------|--------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                        |
| log_cum_confirmed             | 0.997***<br>(0.001)<br>t = 1,705.848<br>p = 0.000 | 0.752***<br>(0.019)<br>t = 38.943<br>p = 0.000 |                                                  |
| total_cum_confirmed           |                                                   |                                                | 0.003***<br>(0.0005)<br>t = 6.416<br>p = 0.00000 |
| R2                            | 1.000                                             | 0.979                                          | 0.563                                            |
| Residual Std. Error (df = 32) | 0.024                                             | 0.808                                          | 4.168                                            |
| F Statistic (df = 1; 32)      | 2,909,918.000*** (p = 0.000)                      | 1,516.570*** (p = 0.000)                       | 41.171*** (p = 0.00000)                          |





## Slovenia

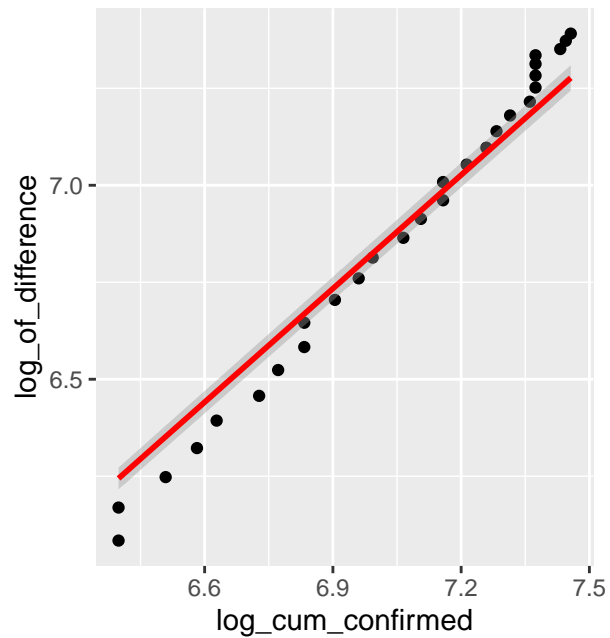
|                               | Dependent variable:                               |                                                |                                                 |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.995***<br>(0.001)<br>t = 1,169.557<br>p = 0.000 | 0.767***<br>(0.029)<br>t = 26.138<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                   |                                                | 0.006***<br>(0.001)<br>t = 5.184<br>p = 0.00001 |
| R2                            | 1.000                                             | 0.929                                          | 0.341                                           |
| Residual Std. Error (df = 52) | 0.045                                             | 1.541                                          | 11.791                                          |
| F Statistic (df = 1; 52)      | 1,367,863.000*** (p = 0.000)                      | 683.181*** (p = 0.000)                         | 26.875*** (p = 0.00001)                         |



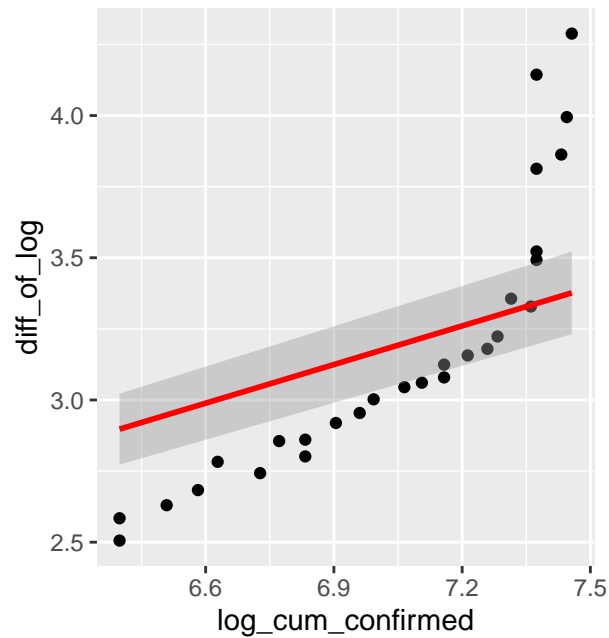
## Somalia

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.976***<br>(0.002)<br>t = 457.434<br>p = 0.000 | 0.453***<br>(0.009)<br>t = 47.702<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.031***<br>(0.005)<br>t = 6.284<br>p = 0.00001 |
| R2                            | 1.000                                           | 0.988                                          | 0.594                                           |
| Residual Std. Error (df = 27) | 0.080                                           | 0.354                                          | 32.523                                          |
| F Statistic (df = 1; 27)      | 209,245.600*** (p = 0.000)                      | 2,275.527*** (p = 0.000)                       | 39.492*** (p = 0.00001)                         |

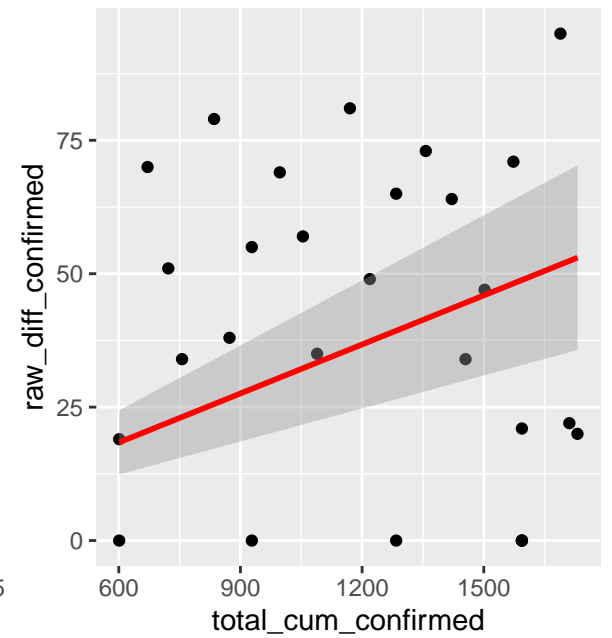
log\_of\_difference ~ 0 + log\_cum\_confirmed



diff\_of\_log ~ 0 + log\_cum\_confirmed

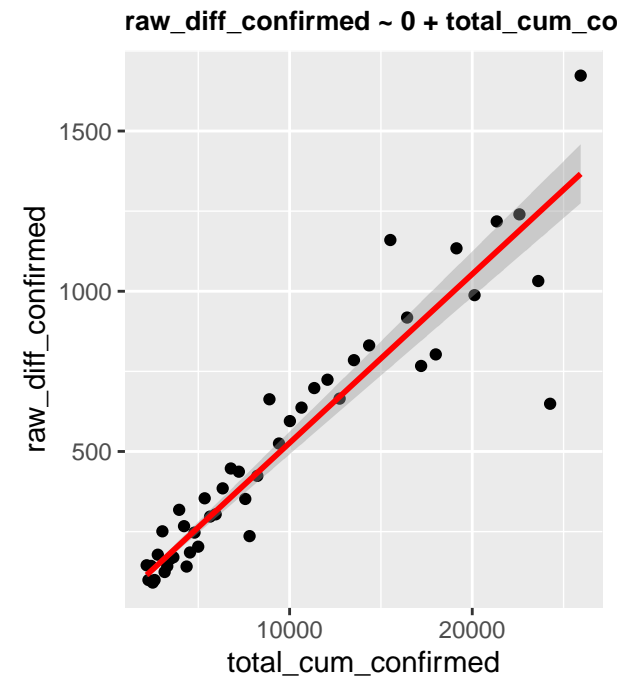
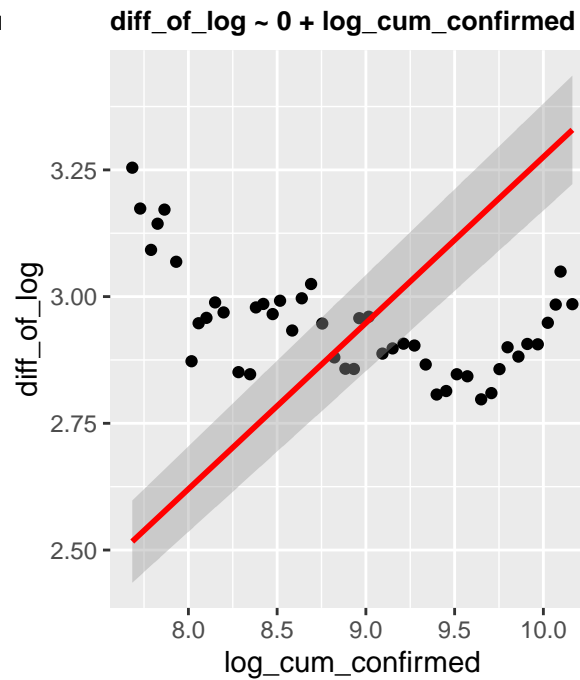
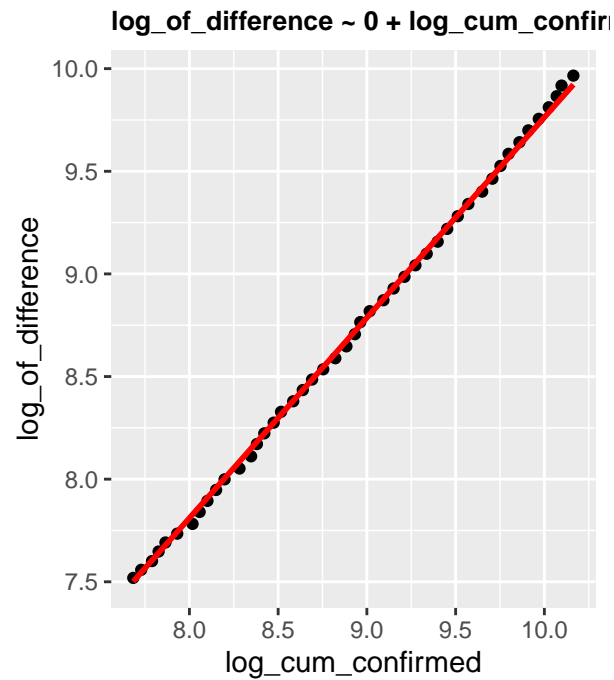


raw\_diff\_confirmed ~ 0 + total\_cum\_confirmed



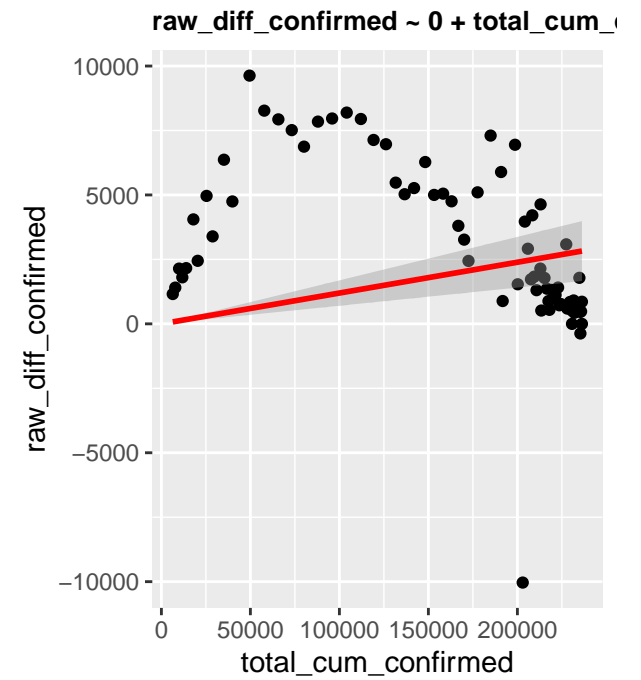
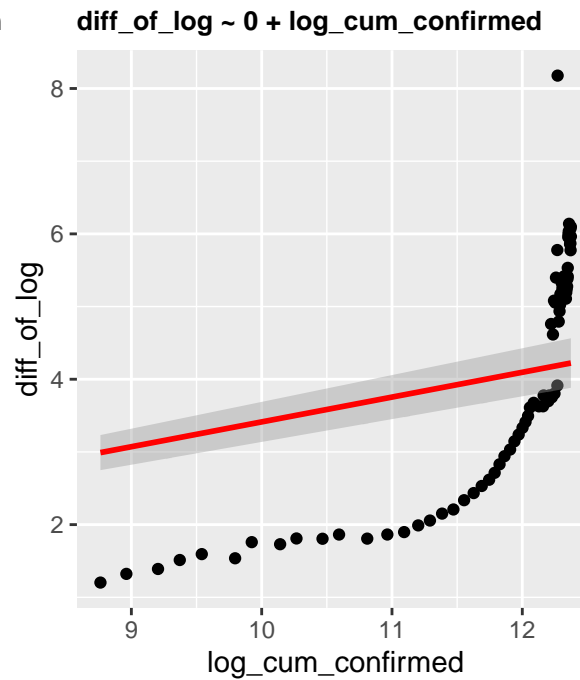
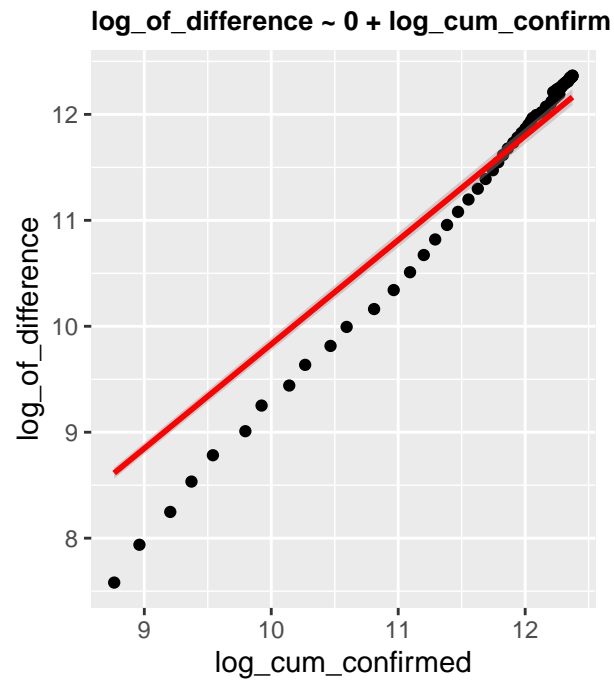
## South Africa

|                               | Dependent variable:                                |                                                |                                                |
|-------------------------------|----------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                           | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.976***<br>(0.0003)<br>t = 2,832.301<br>p = 0.000 | 0.328***<br>(0.005)<br>t = 62.622<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                    |                                                | 0.053***<br>(0.002)<br>t = 30.027<br>p = 0.000 |
| R2                            | 1.000                                              | 0.989                                          | 0.952                                          |
| Residual Std. Error (df = 45) | 0.021                                              | 0.317                                          | 141.724                                        |
| F Statistic (df = 1; 45)      | 8,021,932.000*** (p = 0.000)                       | 3,921.531*** (p = 0.000)                       | 901.646*** (p = 0.000)                         |



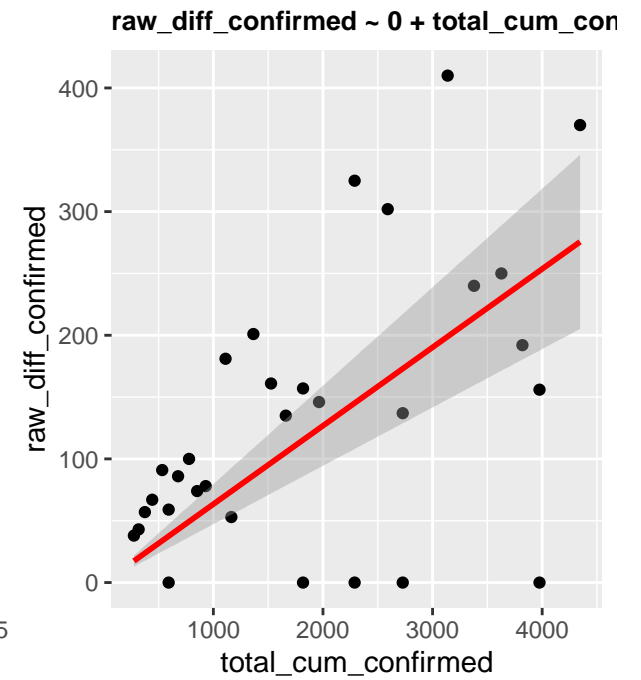
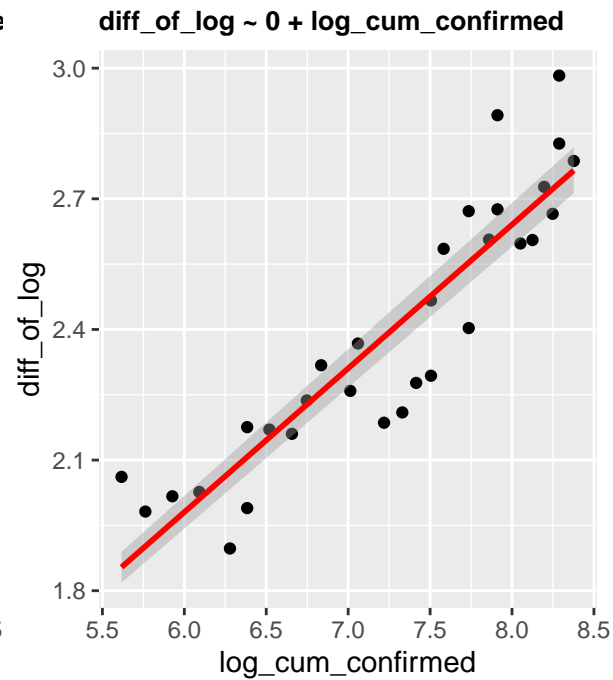
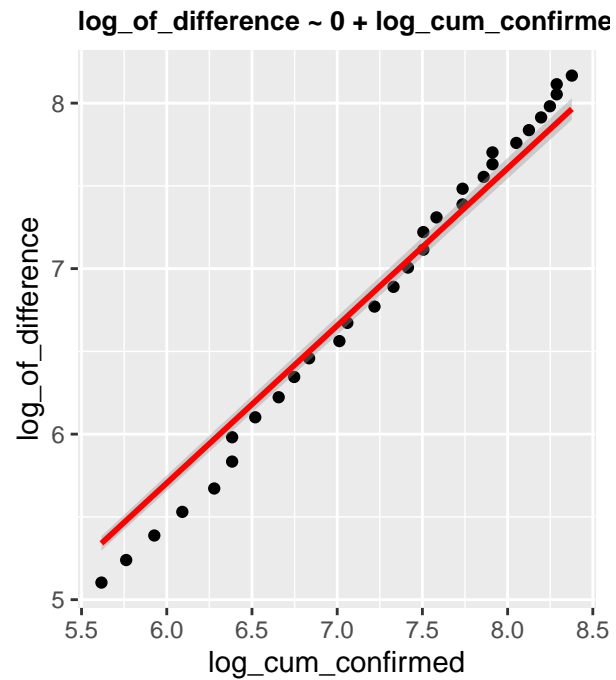
## Spain

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.983***<br>(0.003)<br>t = 322.663<br>p = 0.000 | 0.341***<br>(0.014)<br>t = 24.691<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.012***<br>(0.002)<br>t = 4.843<br>p = 0.00001 |
| R2                            | 0.999                                           | 0.892                                          | 0.241                                           |
| Residual Std. Error (df = 74) | 0.310                                           | 1.409                                          | 3,817.659                                       |
| F Statistic (df = 1; 74)      | 104,111.400*** (p = 0.000)                      | 609.629*** (p = 0.000)                         | 23.458*** (p = 0.00001)                         |



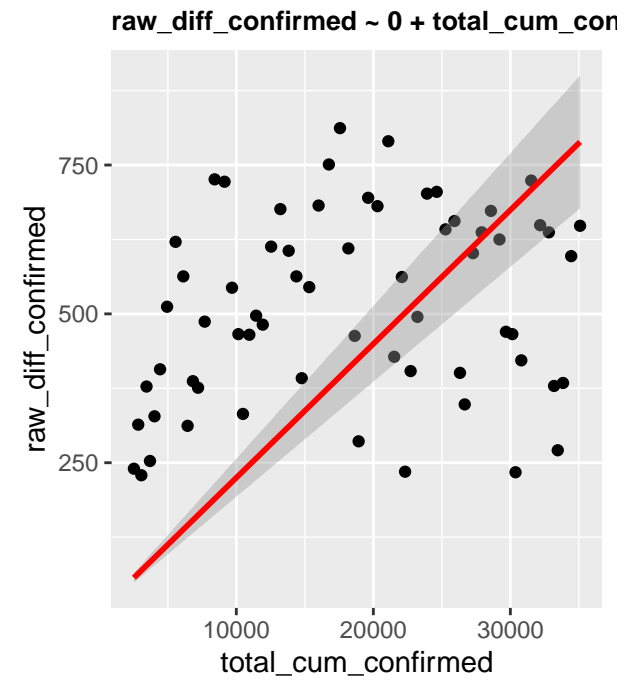
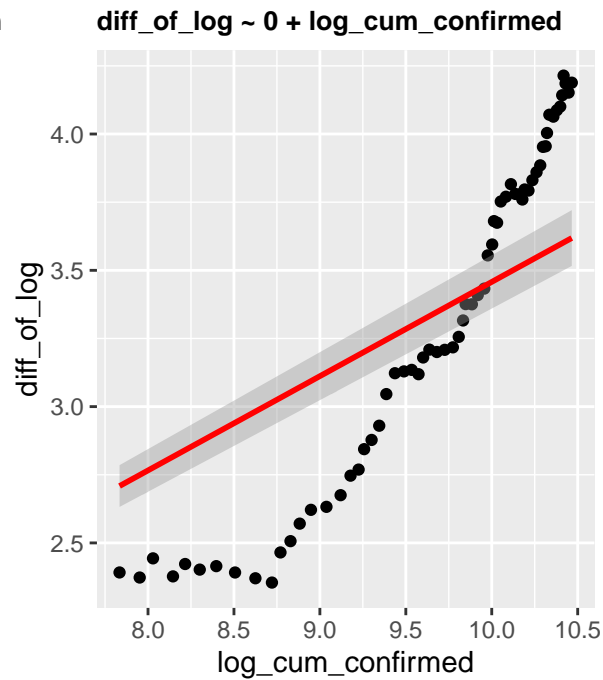
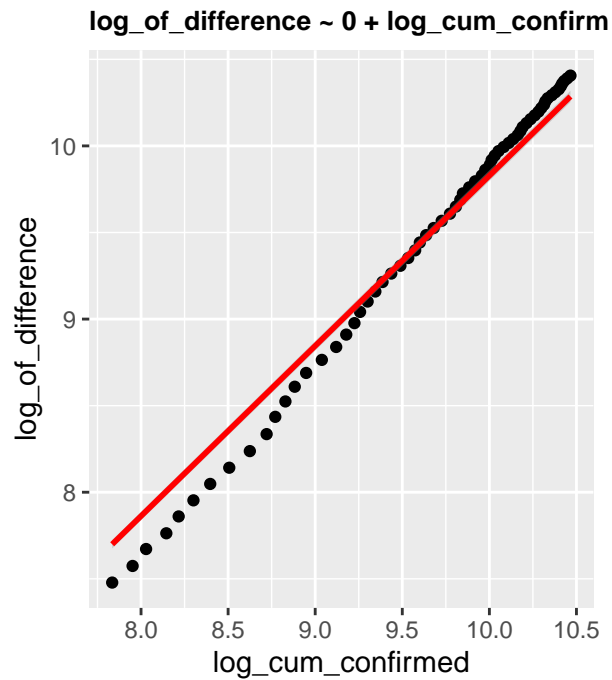
## Sudan

|                               | Dependent variable:                             |                                                 |                                               |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.951***<br>(0.004)<br>t = 249.109<br>p = 0.000 | 0.330***<br>(0.003)<br>t = 107.254<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                 | 0.063***<br>(0.008)<br>t = 7.999<br>p = 0.000 |
| R2                            | 1.000                                           | 0.997                                           | 0.681                                         |
| Residual Std. Error (df = 30) | 0.155                                           | 0.125                                           | 98.922                                        |
| F Statistic (df = 1; 30)      | 62,055.430*** (p = 0.000)                       | 11,503.360*** (p = 0.000)                       | 63.989*** (p = 0.000)                         |



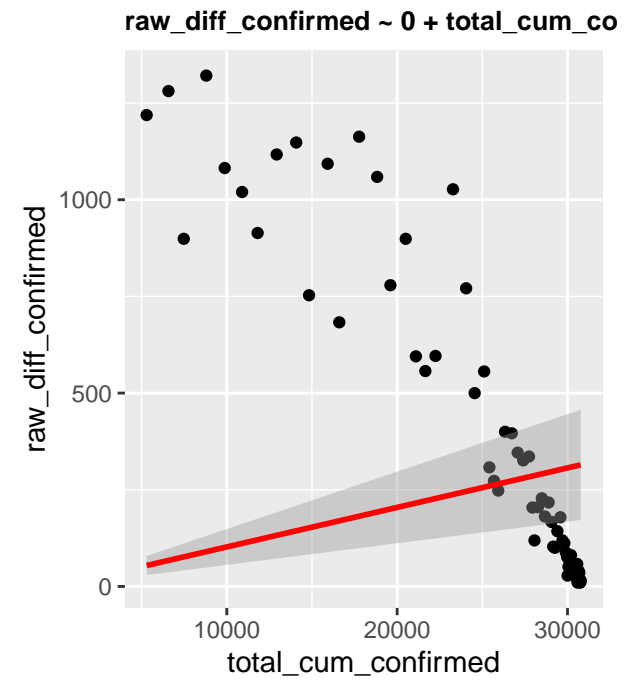
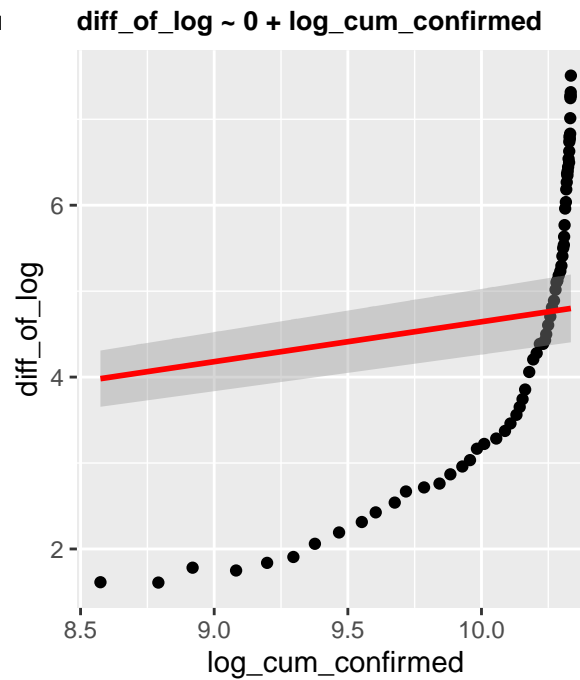
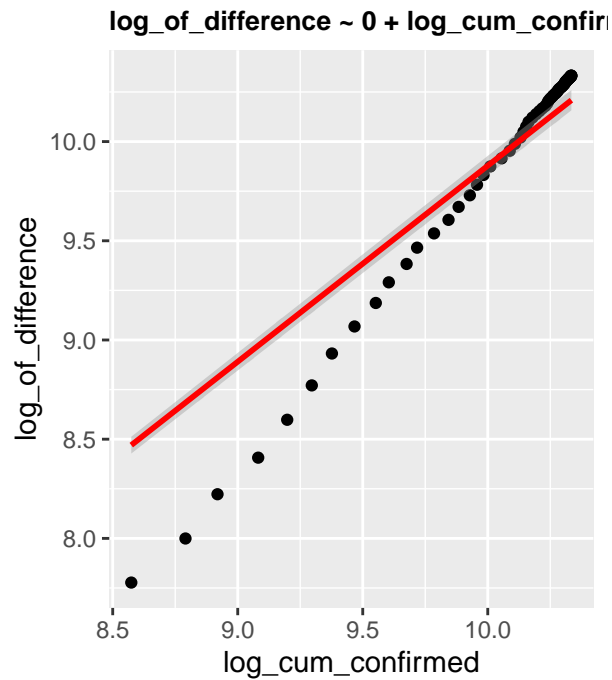
## Sweden

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.983***<br>(0.002)<br>t = 628.919<br>p = 0.000 | 0.346***<br>(0.005)<br>t = 70.656<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.022***<br>(0.002)<br>t = 14.140<br>p = 0.000 |
| R2                            | 1.000                                           | 0.988                                          | 0.760                                          |
| Residual Std. Error (df = 63) | 0.120                                           | 0.377                                          | 264.488                                        |
| F Statistic (df = 1; 63)      | 395,538.600*** (p = 0.000)                      | 4,992.250*** (p = 0.000)                       | 199.931*** (p = 0.000)                         |



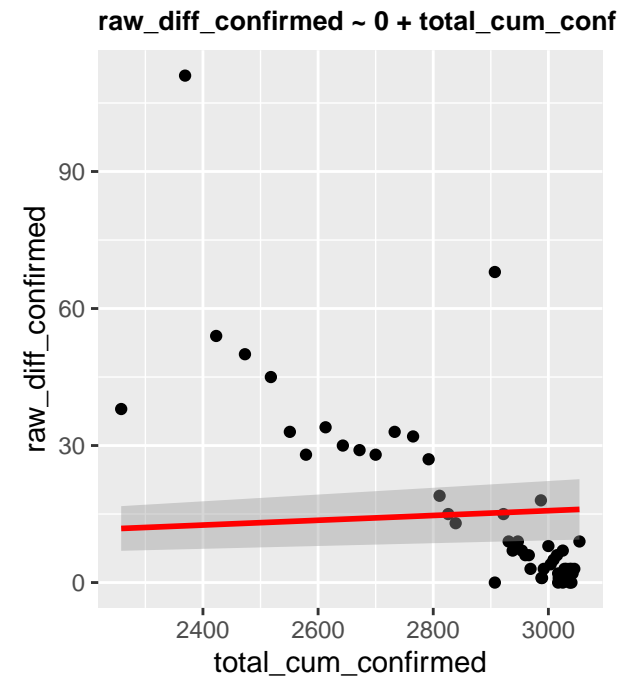
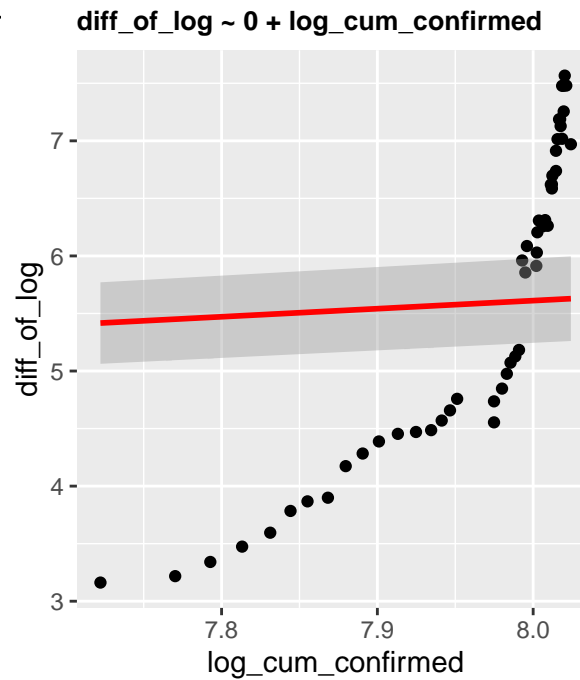
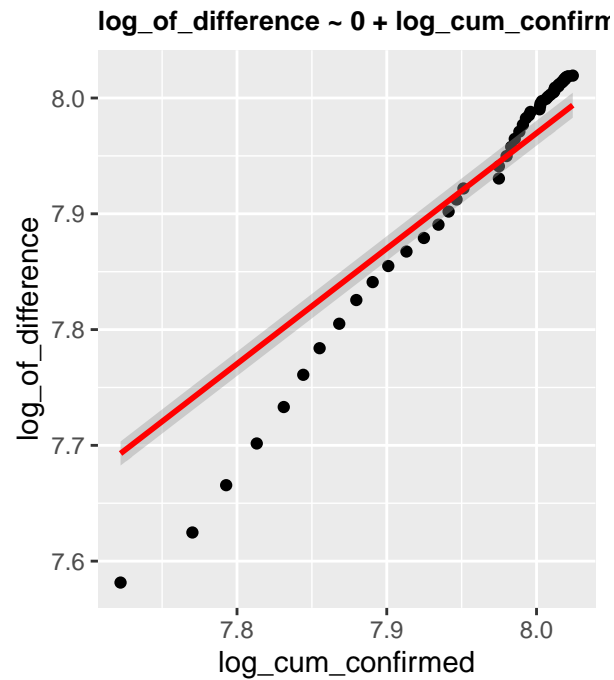
## Switzerland

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.988***<br>(0.002)<br>t = 398.505<br>p = 0.000 | 0.464***<br>(0.019)<br>t = 24.276<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.010***<br>(0.002)<br>t = 4.402<br>p = 0.00004 |
| R2                            | 1.000                                           | 0.897                                          | 0.222                                           |
| Residual Std. Error (df = 68) | 0.207                                           | 1.600                                          | 500.982                                         |
| F Statistic (df = 1; 68)      | 158,806.200*** (p = 0.000)                      | 589.346*** (p = 0.000)                         | 19.381*** (p = 0.00004)                         |



## Thailand

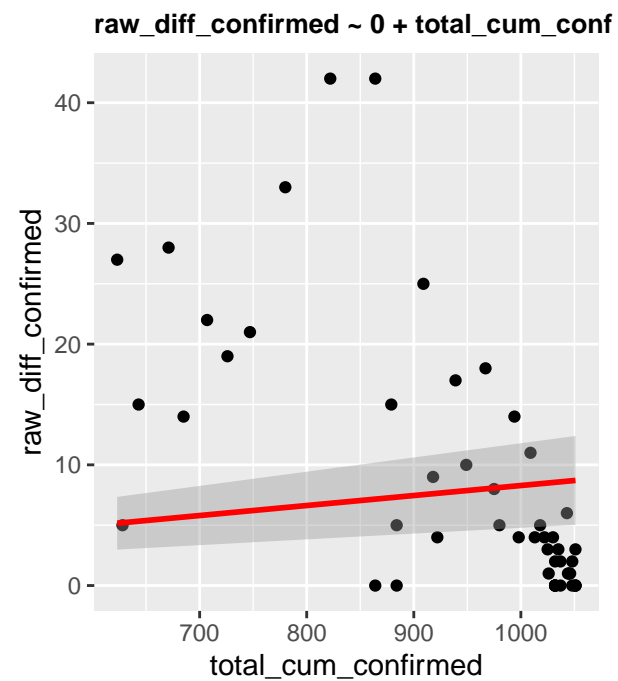
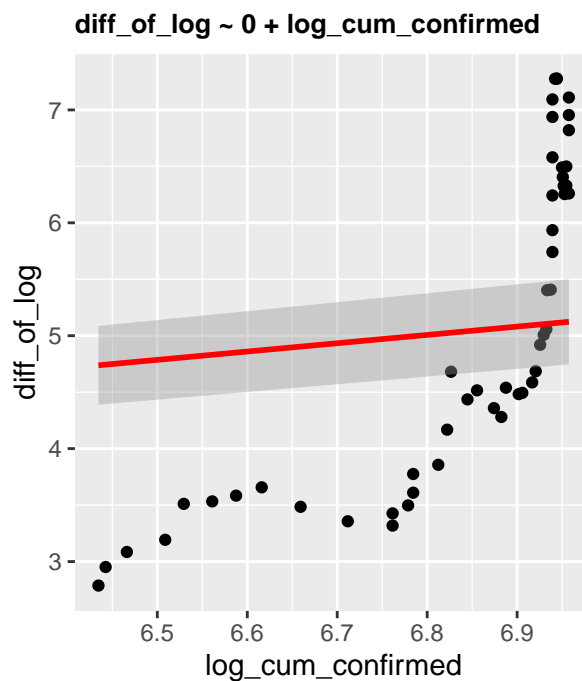
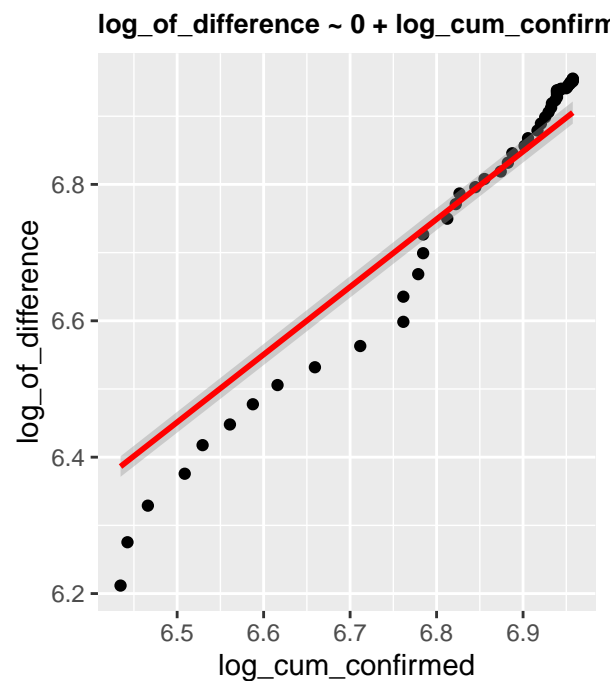
|                               | Dependent variable:                               |                                                |                                                 |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.996***<br>(0.001)<br>t = 1,487.556<br>p = 0.000 | 0.701***<br>(0.023)<br>t = 30.742<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                   |                                                | 0.005***<br>(0.001)<br>t = 4.863<br>p = 0.00002 |
| R2                            | 1.000                                             | 0.950                                          | 0.321                                           |
| Residual Std. Error (df = 50) | 0.038                                             | 1.297                                          | 22.174                                          |
| F Statistic (df = 1; 50)      | 2,212,824.000*** (p = 0.000)                      | 945.069*** (p = 0.000)                         | 23.652*** (p = 0.00002)                         |





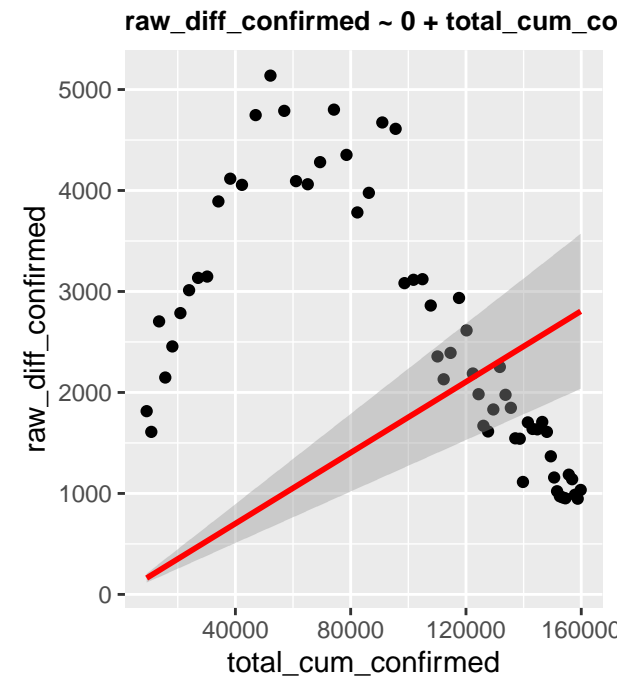
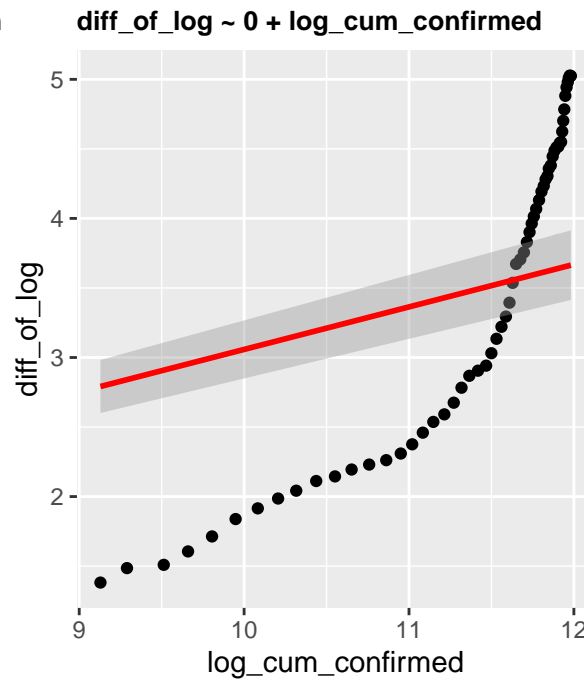
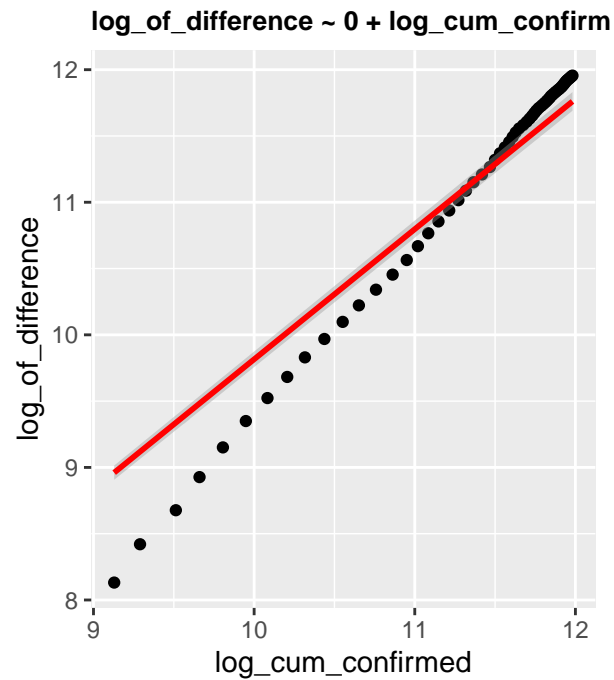
# Tunisia

| Dependent variable:           |                                                 |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.992***<br>(0.001)<br>t = 851.344<br>p = 0.000 | 0.736***<br>(0.027)<br>t = 27.291<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.008***<br>(0.002)<br>t = 4.750<br>p = 0.00002 |
| R2                            | 1.000                                           | 0.937                                          | 0.311                                           |
| Residual Std. Error (df = 50) | 0.057                                           | 1.317                                          | 11.810                                          |
| F Statistic (df = 1; 50)      | 724,786.700*** (p = 0.000)                      | 744.780*** (p = 0.000)                         | 22.563*** (p = 0.00002)                         |



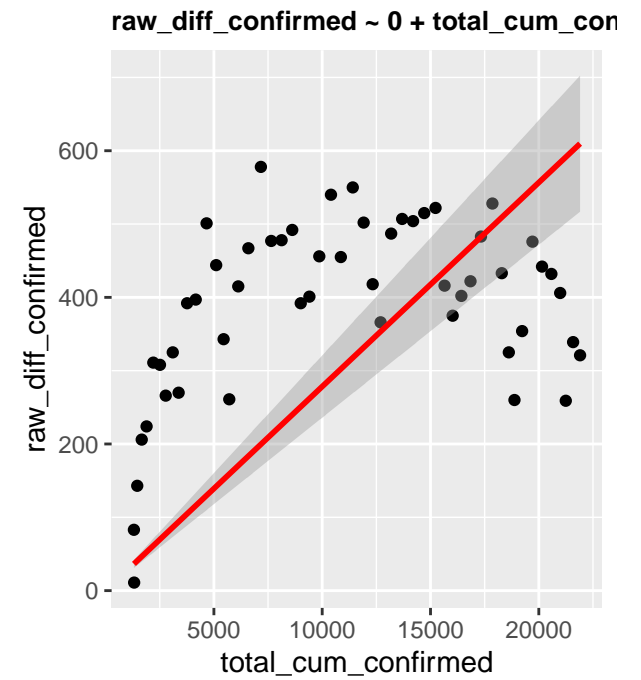
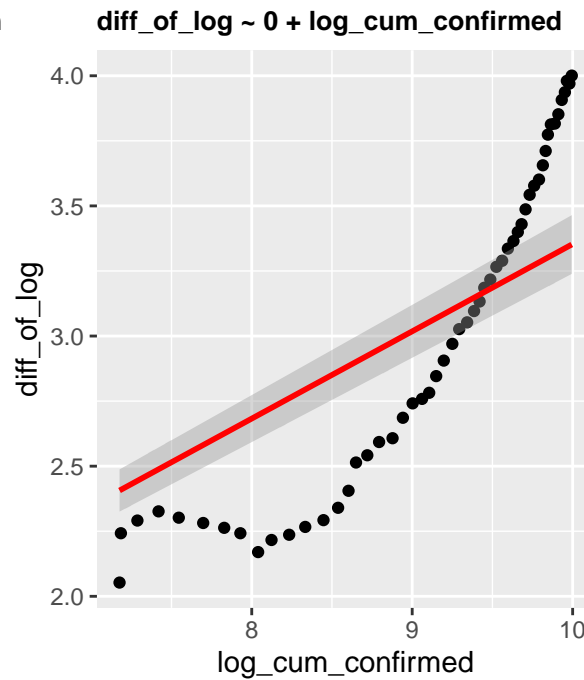
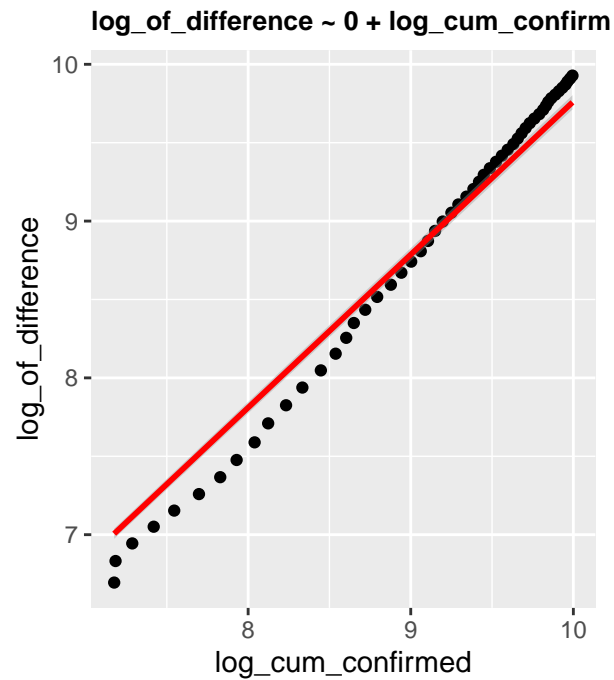
## Turkey

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.982***<br>(0.003)<br>t = 334.316<br>p = 0.000 | 0.306***<br>(0.010)<br>t = 29.312<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.018***<br>(0.002)<br>t = 7.321<br>p = 0.000 |
| R2                            | 0.999                                           | 0.936                                          | 0.476                                         |
| Residual Std. Error (df = 59) | 0.258                                           | 0.916                                          | 2,061.300                                     |
| F Statistic (df = 1; 59)      | 111,767.000*** (p = 0.000)                      | 859.185*** (p = 0.000)                         | 53.594*** (p = 0.000)                         |



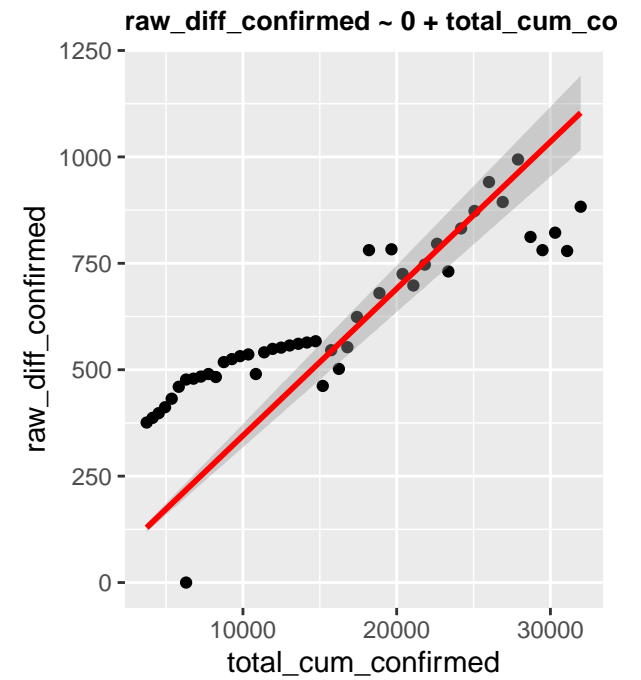
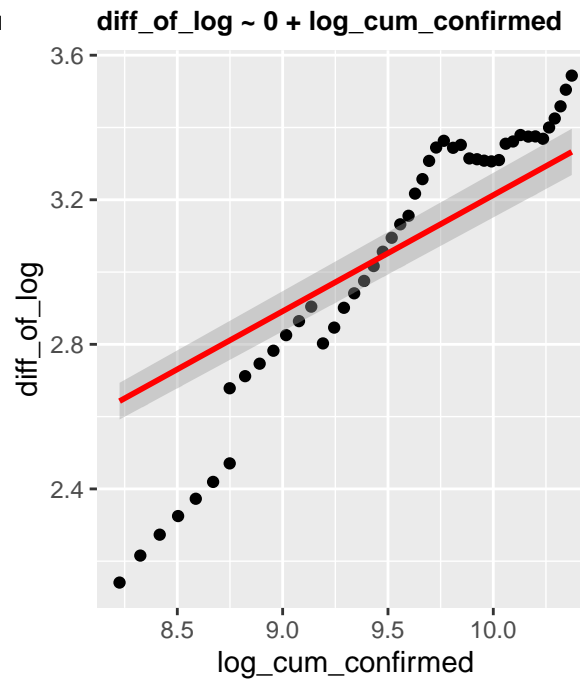
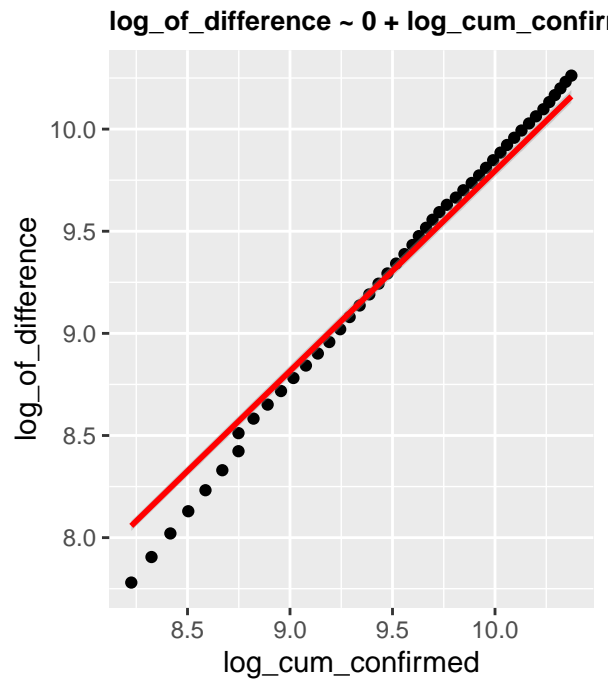
## Ukraine

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.976***<br>(0.002)<br>t = 430.780<br>p = 0.000 | 0.335***<br>(0.006)<br>t = 59.609<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.028***<br>(0.002)<br>t = 13.179<br>p = 0.000 |
| R2                            | 1.000                                           | 0.986                                          | 0.770                                          |
| Residual Std. Error (df = 52) | 0.150                                           | 0.372                                          | 197.561                                        |
| F Statistic (df = 1; 52)      | 185,571.300*** (p = 0.000)                      | 3,553.237*** (p = 0.000)                       | 173.687*** (p = 0.000)                         |



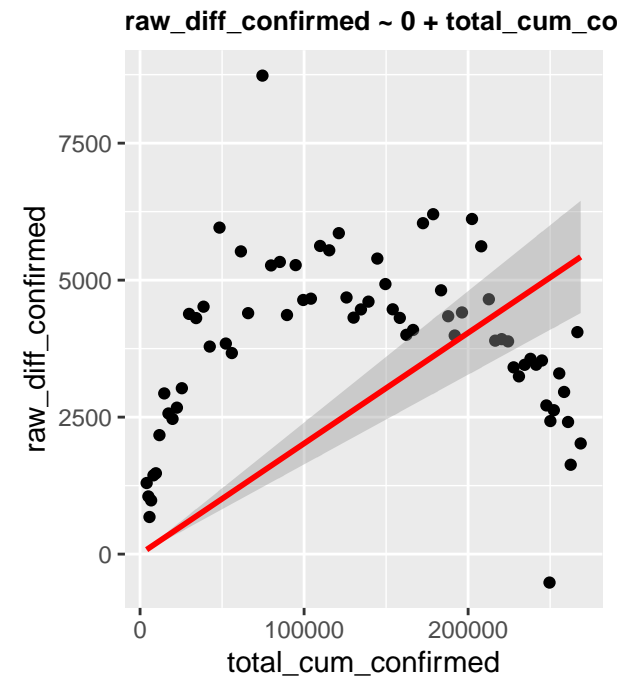
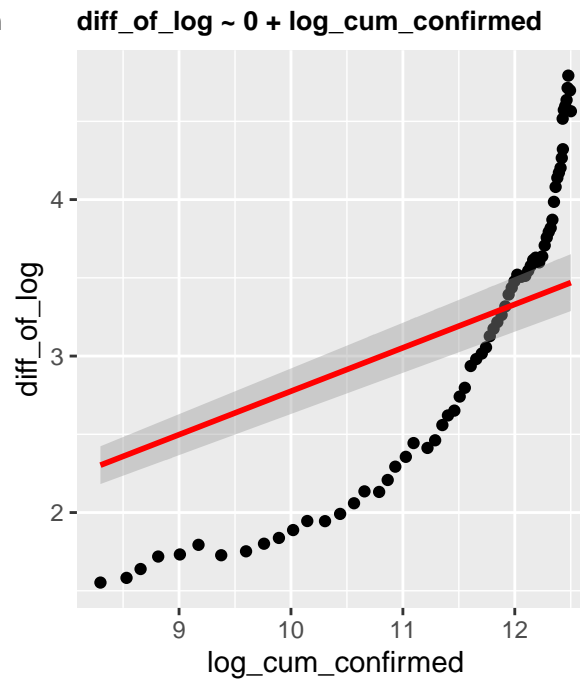
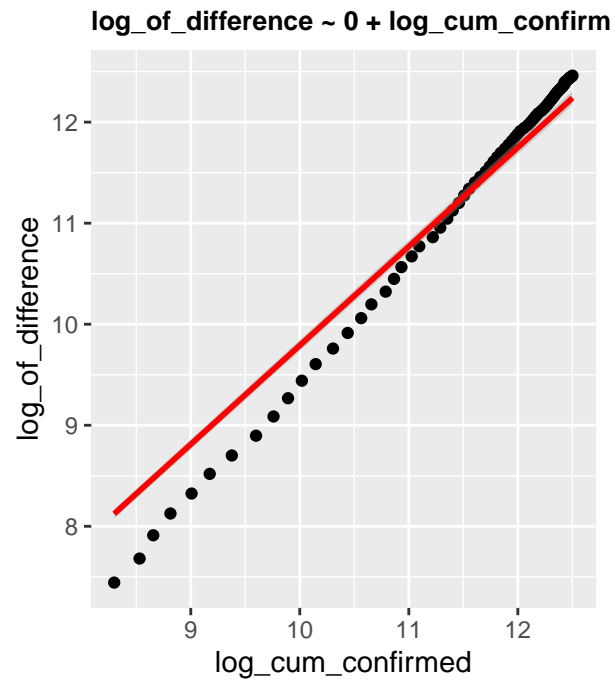
## United Arab Emirates

|                               | Dependent variable:                             |                                                 |                                                |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.980***<br>(0.002)<br>t = 648.845<br>p = 0.000 | 0.321***<br>(0.003)<br>t = 104.800<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                 | 0.035***<br>(0.001)<br>t = 25.396<br>p = 0.000 |
| R2                            | 1.000                                           | 0.996                                           | 0.933                                          |
| Residual Std. Error (df = 46) | 0.099                                           | 0.200                                           | 166.003                                        |
| F Statistic (df = 1; 46)      | 421,000.500*** (p = 0.000)                      | 10,983.080*** (p = 0.000)                       | 644.982*** (p = 0.000)                         |



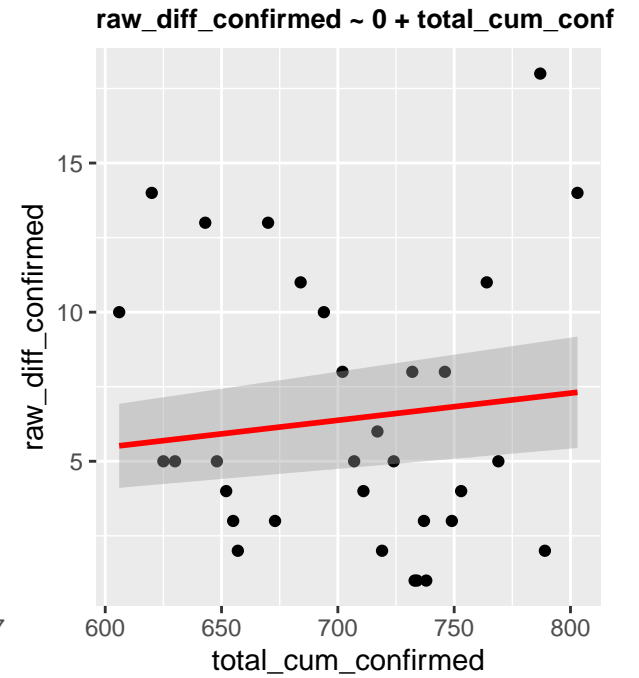
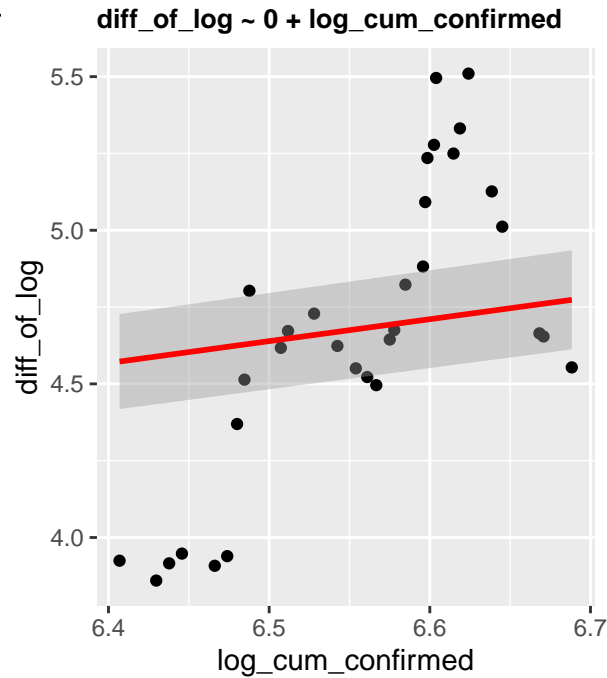
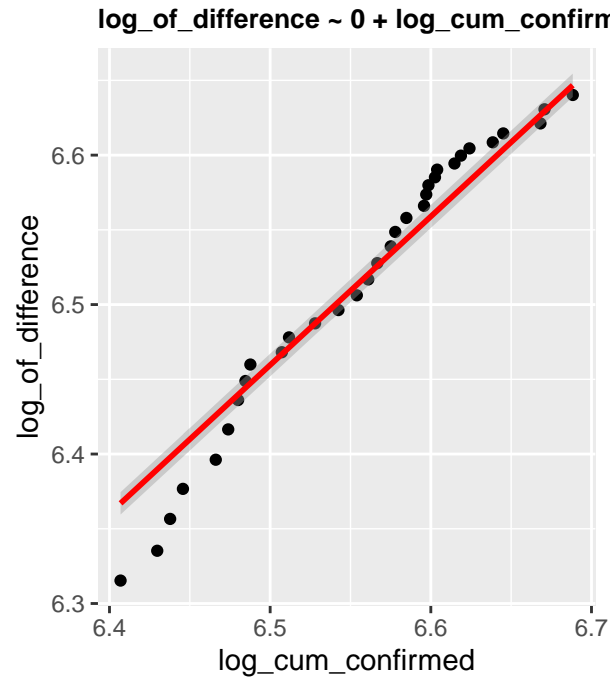
## United Kingdom

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.979***<br>(0.003)<br>t = 355.153<br>p = 0.000 | 0.278***<br>(0.007)<br>t = 38.074<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.020***<br>(0.002)<br>t = 10.564<br>p = 0.000 |
| R2                            | 0.999                                           | 0.955                                          | 0.621                                          |
| Residual Std. Error (df = 68) | 0.262                                           | 0.694                                          | 2,575.724                                      |
| F Statistic (df = 1; 68)      | 126,133.400*** (p = 0.000)                      | 1,449.616*** (p = 0.000)                       | 111.601*** (p = 0.000)                         |



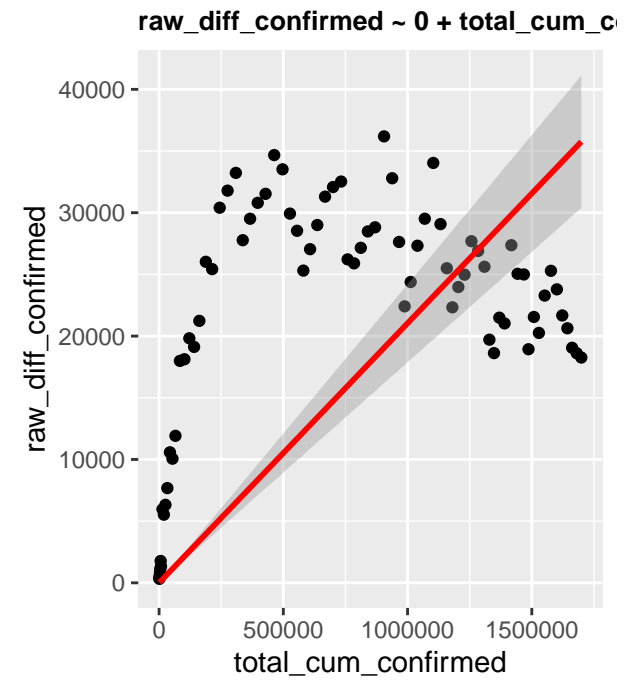
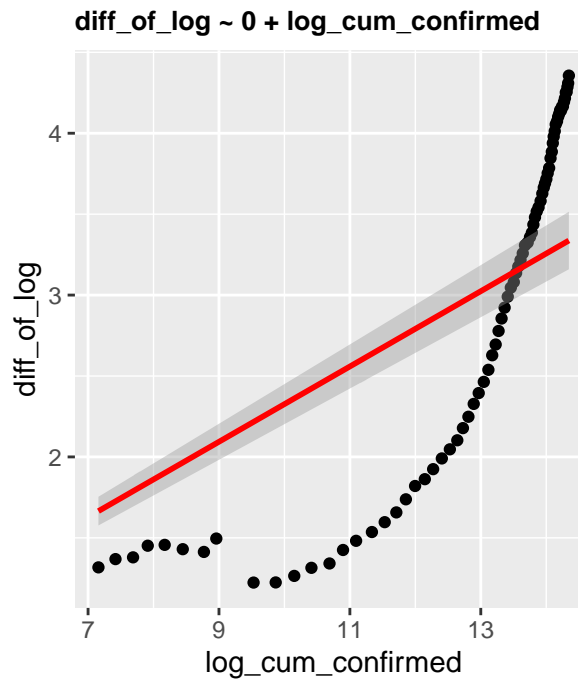
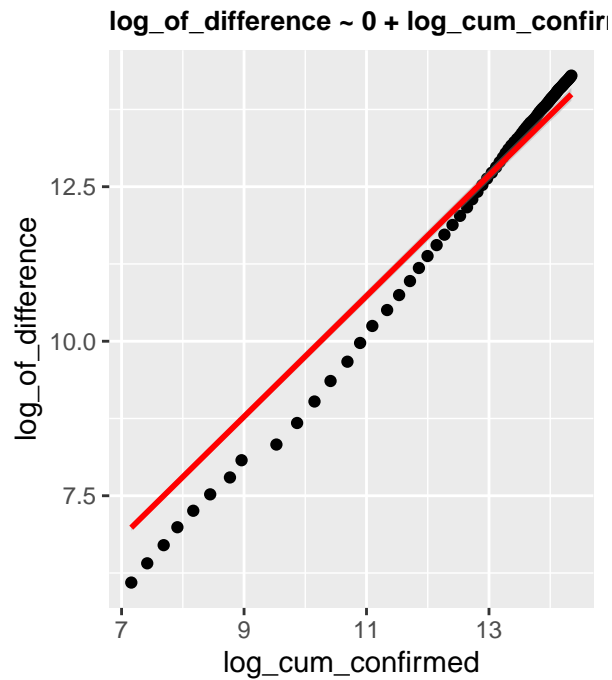
## Uruguay

|                               | Dependent variable:                               |                                                |                                               |
|-------------------------------|---------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                          | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.994***<br>(0.001)<br>t = 1,735.198<br>p = 0.000 | 0.714***<br>(0.012)<br>t = 60.401<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                   |                                                | 0.009***<br>(0.001)<br>t = 7.985<br>p = 0.000 |
| R2                            | 1.000                                             | 0.992                                          | 0.673                                         |
| Residual Std. Error (df = 31) | 0.021                                             | 0.438                                          | 4.563                                         |
| F Statistic (df = 1; 31)      | 3,010,911.000*** (p = 0.000)                      | 3,648.313*** (p = 0.000)                       | 63.760*** (p = 0.000)                         |



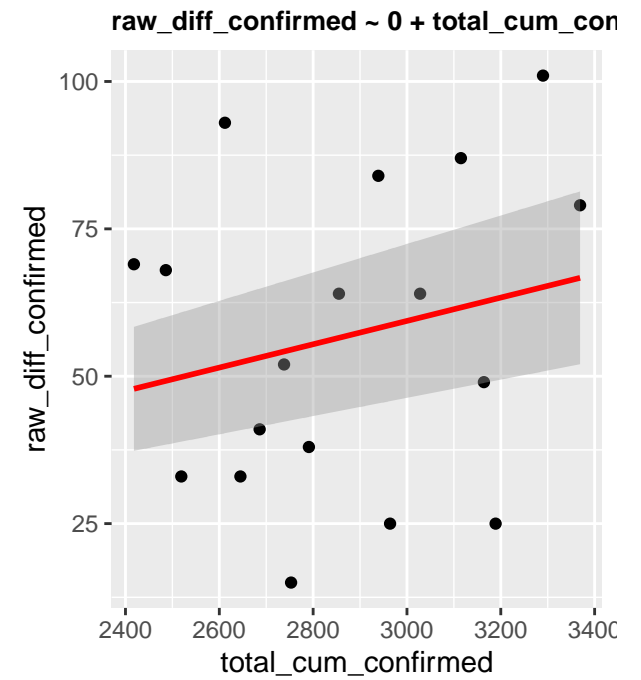
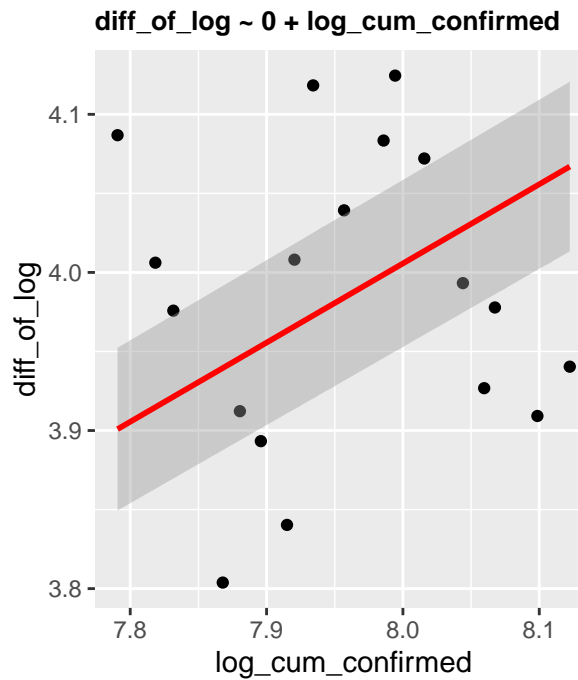
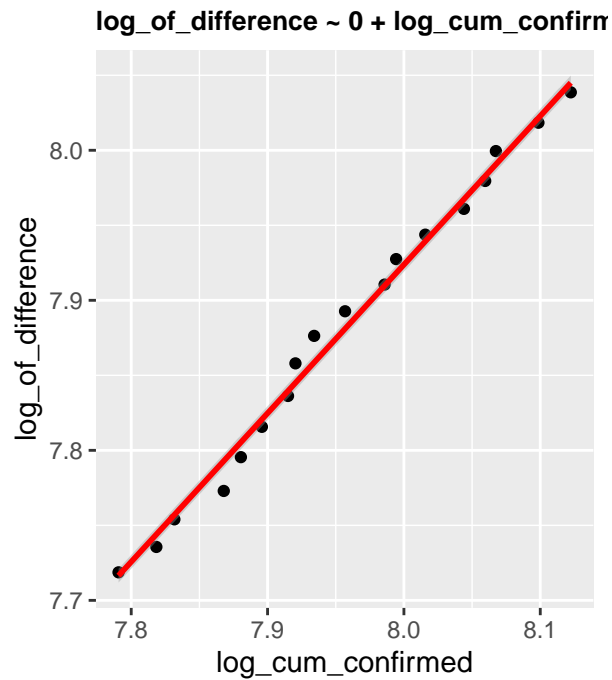
US

|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.976***<br>(0.004)<br>t = 266.952<br>p = 0.000 | 0.233***<br>(0.006)<br>t = 37.399<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.021***<br>(0.002)<br>t = 13.274<br>p = 0.000 |
| R2                            | 0.999                                           | 0.948                                          | 0.696                                          |
| Residual Std. Error (df = 77) | 0.414                                           | 0.704                                          | 13,229.570                                     |
| F Statistic (df = 1; 77)      | 71,263.190*** (p = 0.000)                       | 1,398.663*** (p = 0.000)                       | 176.210*** (p = 0.000)                         |



## Uzbekistan

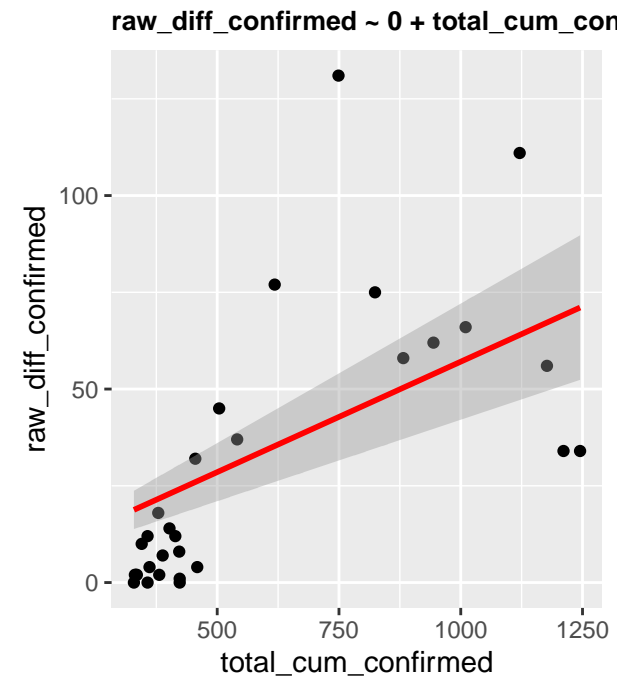
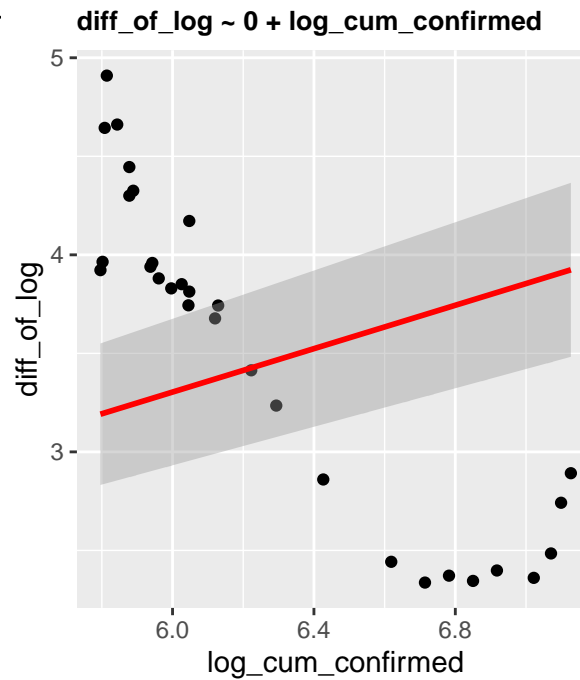
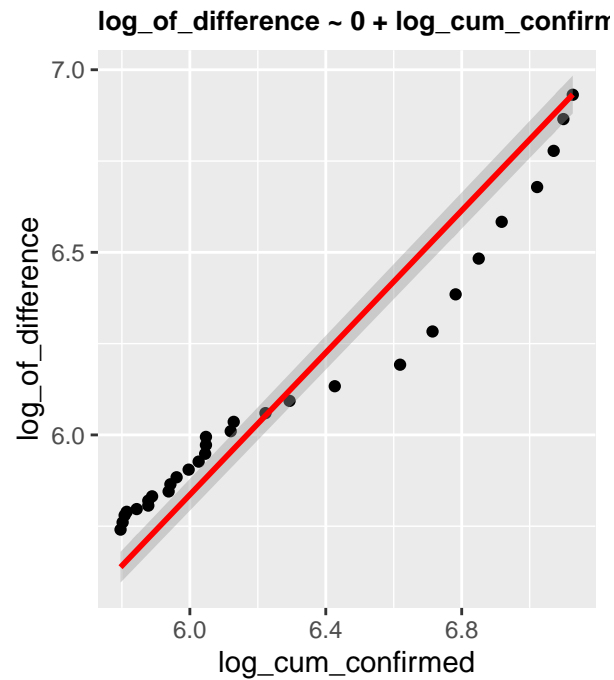
|                               | Dependent variable:                                |                                                 |                                                 |
|-------------------------------|----------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                           | diff_of_log<br>(2)                              | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.990***<br>(0.0003)<br>t = 3,531.580<br>p = 0.000 | 0.501***<br>(0.003)<br>t = 160.000<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                    |                                                 | 0.020***<br>(0.002)<br>t = 9.603<br>p = 0.00000 |
| R2                            | 1.000                                              | 0.999                                           | 0.844                                           |
| Residual Std. Error (df = 17) | 0.009                                              | 0.106                                           | 25.167                                          |
| F Statistic (df = 1; 17)      | 12,472,058.000*** (p = 0.000)                      | 25,599.850*** (p = 0.000)                       | 92.215*** (p = 0.00000)                         |





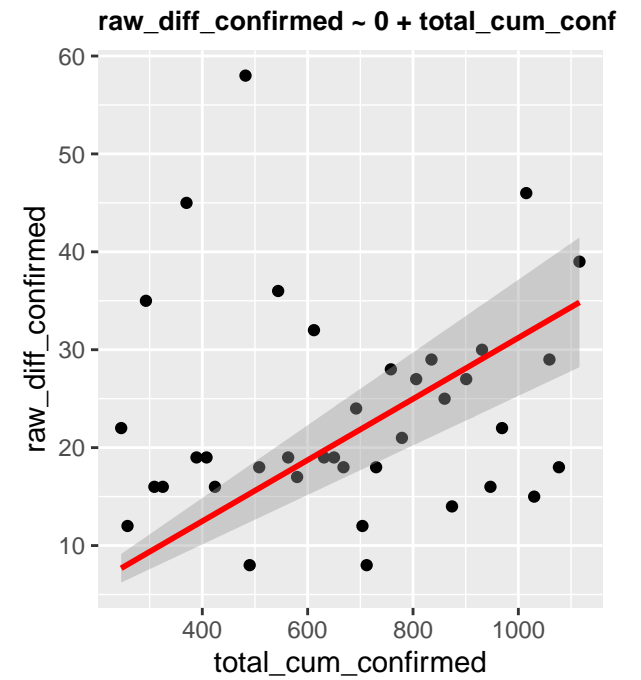
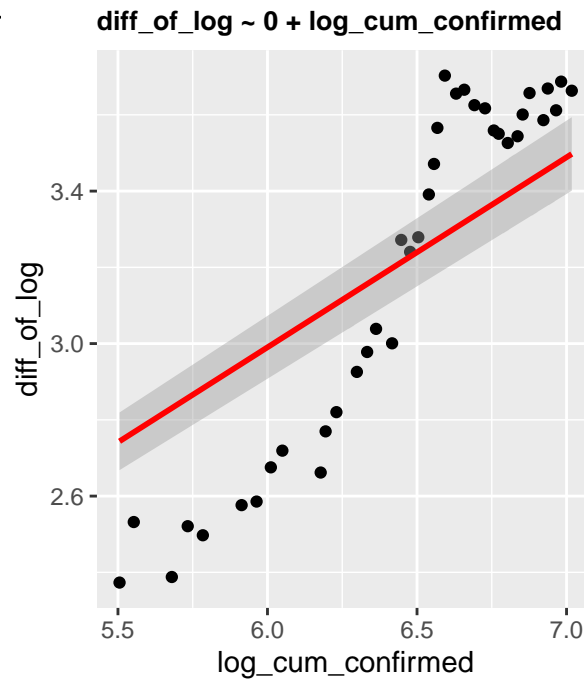
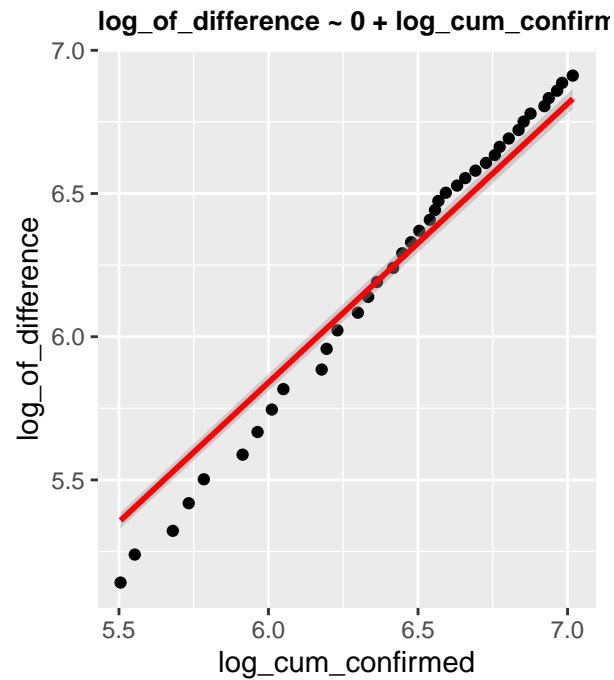
## Venezuela

|                               | Dependent variable:                             |                                                |                                               |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                     |
| log_cum_confirmed             | 0.973***<br>(0.004)<br>t = 273.878<br>p = 0.000 | 0.551***<br>(0.030)<br>t = 18.178<br>p = 0.000 |                                               |
| total_cum_confirmed           |                                                 |                                                | 0.057***<br>(0.007)<br>t = 7.781<br>p = 0.000 |
| R2                            | 1.000                                           | 0.919                                          | 0.676                                         |
| Residual Std. Error (df = 29) | 0.122                                           | 1.043                                          | 26.638                                        |
| F Statistic (df = 1; 29)      | 75,009.070*** (p = 0.000)                       | 330.440*** (p = 0.000)                         | 60.537*** (p = 0.000)                         |



## Mali

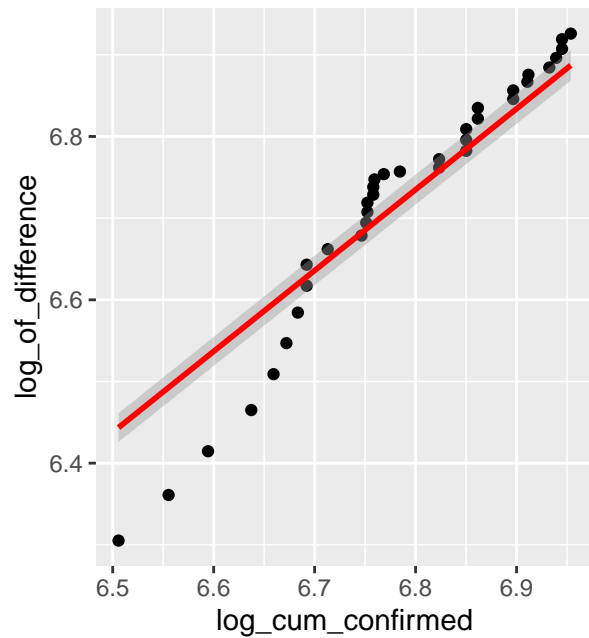
|                               | Dependent variable:                             |                                                |                                                |
|-------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                      |
| log_cum_confirmed             | 0.973***<br>(0.002)<br>t = 395.828<br>p = 0.000 | 0.498***<br>(0.007)<br>t = 73.494<br>p = 0.000 |                                                |
| total_cum_confirmed           |                                                 |                                                | 0.031***<br>(0.003)<br>t = 10.659<br>p = 0.000 |
| R2                            | 1.000                                           | 0.993                                          | 0.754                                          |
| Residual Std. Error (df = 37) | 0.098                                           | 0.269                                          | 12.949                                         |
| F Statistic (df = 1; 37)      | 156,679.600*** (p = 0.000)                      | 5,401.319*** (p = 0.000)                       | 113.620*** (p = 0.000)                         |



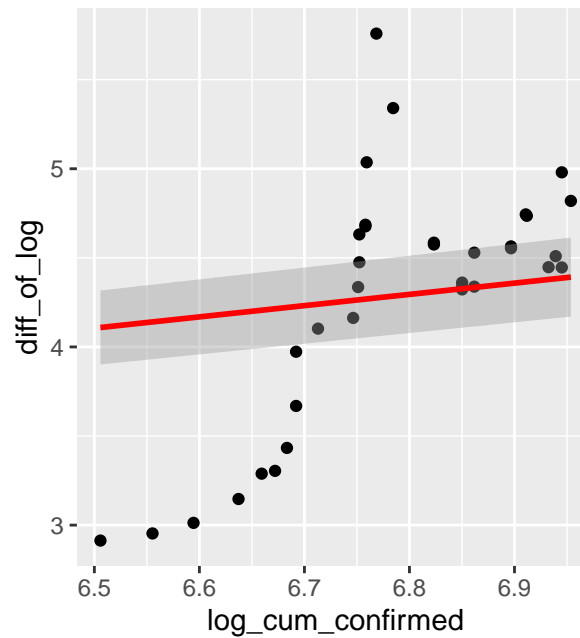
## Kosovo

|                               | Dependent variable:                             |                                                |                                                 |
|-------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|
|                               | log_of_difference<br>(1)                        | diff_of_log<br>(2)                             | raw_diff_confirmed<br>(3)                       |
| log_cum_confirmed             | 0.990***<br>(0.001)<br>t = 746.074<br>p = 0.000 | 0.632***<br>(0.016)<br>t = 40.257<br>p = 0.000 |                                                 |
| total_cum_confirmed           |                                                 |                                                | 0.013***<br>(0.002)<br>t = 5.109<br>p = 0.00002 |
| R2                            | 1.000                                           | 0.979                                          | 0.434                                           |
| Residual Std. Error (df = 34) | 0.053                                           | 0.630                                          | 13.098                                          |
| F Statistic (df = 1; 34)      | 556,625.800*** (p = 0.000)                      | 1,620.589*** (p = 0.000)                       | 26.100*** (p = 0.00002)                         |

**log\_of\_difference ~ 0 + log\_cum\_confirm**



**diff\_of\_log ~ 0 + log\_cum\_confirmed**



**raw\_diff\_confirmed ~ 0 + total\_cum\_conf**

