|    |          |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     | 2   | )ens | se_: | 3x51 | 2_ <i>F</i> | dar | <u>ո C</u> | onfu | usio | n M | latri | <u>x</u> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|----|----------|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-------------|-----|------------|------|------|-----|-------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|    |          |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |      |      |      | F           | red | licte      | ed C | las  | 3   |       |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | _  |
|    | 0        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8 | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17   | 18   | 19   | 20          | 21  | 22         | 23   | 24   | 25  | 26    | 27       | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | ŀ  |
| 0  | 294      |     | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 1        | 0   | 1   | 0   | 0   | 0   | 0   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 1  | 0        | 289 | 4   | 0   | 0   | 0   | 2   | 0   | 1 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 1    | 1    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   |    |
| 2  | 0        |     | 296 | 0   | 0   | 1   | 1   | 0   | 0 | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0    | 0    | 0    | 1           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | _  |
| 3  | 0        |     |     | 280 |     | 0   | 0   | 0   | 1 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 8   | 0   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 4  | 0        |     |     | 0   | 285 | 0   | 0   | 0   | 7 | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0    | 0    | 0    | 1           | 0   | 0          | 0    | 0    | 1   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   |    |
| 5  | 0        |     |     | 0   | 0   | 294 | 0   | 1   | 0 | 0   | 0   | 0   | 0   | 2   | 0   | 1   | 0   | 0    | 0    | 0    | 0           | 1   | 1          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 6  | 0        |     | -   | 0   | 0   | 0   | 297 | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 1           | 1   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 7  | 0        |     | -   | 0   | 0   | 0   | 0   | 276 | 0 | 6   | 0   | 0   | 0   | 0   | 1   | 3   | 0   | 5    | 0    | 0    | 0           | 0   | 3          | 3    | 0    | 0   | 1     | 0        | 0   | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 8  | 0        |     |     | 1   | 2   | 1   | 0   | 0   |   |     | 1   | 0   | 0   | 0   | 1   | 0   | 0   | 0    | 1    | 0    | 2           | 1   | 0          | 0    | 0    | 1   | 0     | 0        | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 9  | 0        | -   |     | 0   | 0   | 0   | 0   | 8   | 0 | 281 | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 1    | 1    | 0   | 0     | 0        | 0   | 1   | 6   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 10 | $\vdash$ | -   | -   | 0   | 0   | 0   | 0   | 0   | 1 | 0   | 296 | 0   | 0   | 3   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 11 | 0        |     |     | 0   | 0   | 1   | 1   | 0   | 0 | 0   | 0   | 289 | 0   | 0   | 1   | 0   | 1   | 0    | 0    | 4    | 1           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 12 | -        |     |     | 0   | 0   | 0   | 0   | 1   | 0 | 0   | 0   | 0   | 286 | 1   | 0   | 0   | 0   | 3    | 0    | 0    | 0           | 0   | 0          | 8    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 13 | -        |     |     | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 298 | 0   | 1   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 14 | -        |     |     | 1   | 0   | 0   | 0   | 0   | 0 | 0   | 1   | 1   | 0   | 0   | 280 | 0   | 0   | 1    | 0    | 0    | 7           | 0   | 0          | 2    | 1    | 2   | 1     | 0        | 0   | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 15 | -        | -   |     | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 1   | 0   | 0   | 1   | 292 | 2   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   |    |
| 16 | _        |     | -   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 3   | 0   | 0   | 0   | 0   | 5   | 288 | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 2    | 0   | 1     | 0        | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 17 | -        |     |     | 1   | 0   | 0   | 0   | 3   | 0 | 0   | 0   | 0   | 5   | 0   | 0   | 0   | 3   | 279  | 0    | 0    | 0           | 2   | 0          | 0    | 1    | 0   | 0     | 0        | 0   | 1   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 18 | -        |     |     | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 294  | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 4   | 0   | 0   | 0   | 0   | 0   | 1   |    |
| 19 | -        | -   |     | 0   | 0   | 1   | 1   | 0   | 0 | 0   | 0   | 2   | 0   | 0   | 0   | 1   | 0   | 0    | 0    | 291  | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 2        | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 20 | +        |     |     | 1   | 0   | 0   | 2   | 0   | 3 | 0   | 0   | 2   | 0   | 0   | 4   | 0   | 0   | 1    | 0    | 2    | 273         | 0   | 0          | 1    | 0    | 0   | 0     | 1        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 21 | 0        |     |     | 1   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 1   | 1   | 0   | 0   | 0   | 2    | 0    | 1    | 0           | 289 | 0          | 0    | 2    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 1   | 0   | 0   | 0   |    |
| 22 | -        | -   | -   | 0   | 0   | 0   | 0   | 0   | 0 | 1   | 0   | 0   | 0   | 0   | 0   | 2   | 2   | 1    | 0    | 0    | 0           | 1   | 290        | 0    | 1    | 0   | 1     | 0        | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 23 | _        |     | -   | 0   | 0   | 1   | 0   | 0   | 0 | 0   | 0   | 0   | 1   | 1   | 1   | 0   | 0   | 0    | 0    | 0    | 1           | 0   | 0          | 292  | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   |    |
| 24 | -        |     |     | 0   | 0   | 0   | 1   | 0   | 0 | 3   | 0   | 0   | 0   | 0   | 0   | 3   | 4   | 2    | 1    | 1    | 0           | 0   | 0          | 0    | 282  | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   |    |
| 25 | +        |     |     | 1   | 1   | 0   | 1   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 1    | 0    | 287 | 0     | 1        | 0   | 0   | 0   | 0   | 0   | 3   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   |    |
| 26 | -        |     | -   | 0   | 0   | 1   | 0   | 1   | 2 | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 1          | 1    | 1    | 1   | 286   | 2        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   |    |
| 27 | 1        |     |     | 0   | 0   | 0   | 1   | 0   | 0 | 0   | 1   | 0   | 0   | 0   | 2   | 1   | 0   | 0    | 1    | 1    | 2           | 0   | 0          | 0    | 0    | 0   | 0     | 288      | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 28 | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 8   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 1    | 0           | 0   | 1          | 0    | 0    | 0   | 2     | 0        | 284 | 1   | 0   | 0   | 0   | 0   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 29 | $\vdash$ | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 0 | 1   | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 1    | 0    | 0    | 0           | 1   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 293 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 30 | $\vdash$ | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 1 | 10  | 0   | 0   | 3   | 0   | 2   | 0   | 0   | 4    | 0    | 0    | 2           | 0   | 0          | 2    | 0    | 1   | 0     | 0        | 0   | 0   | 272 | 0   | 0   | 1   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 31 | -        | 0   | 0   | 7   | 1   | 0   | 0   | 0   | 1 | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 1           | 0   | 2          | 1    | 0    | 1   | 0     | 0        | 0   | 0   | 0   | 282 | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 32 | +        |     | -   | 0   | 0   | 0   | 0   | 4   | 0 | 0   | 0   | 0   | 3   | 0   | 0   | 0   | 0   | 0    | 1    | 1    | 1           | 0   | 0          | 0    | 0    | 0   | 2     | 0        | 1   | 0   | 1   | 0   | 284 | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 33 | -        |     |     | 0   | 0   | 0   | 0   | 0   | 3 | 0   | 0   | 0   | 2   | 2   | 1   | 0   | 0   | 1    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 2   | 0     | 0        | 0   | 0   | 4   | 2   | 0   | 278 | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 2   |    |
| 34 | -        |     | -   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 2   | 0   | 0   | 2   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 2   | 0   | 0   | 1   | 0   | 0   | 291 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 35 | -        |     | -   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 299 | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   |    |
| 36 | $\vdash$ |     | -   | 0   | 0   | 1   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 298 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| 37 | -        |     | -   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 298 | 0   | 0   | 0   | 0   | 0   | 0   | 1   |    |
| 38 | +        |     | -   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 296 | 1   | 0   | 0   | 0   | 0   | 0   |    |
| 39 | -        | -   |     | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 297 | 0   | 0   | 0   | 0   | 0   |    |
| 40 | -        |     |     | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 299 | 1   | 0   | 0   | 0   |    |
| 41 | -        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 2    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 1     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 3   | 0   | 0   | 294 | 0   | 0   | 0   |    |
| 42 | $\vdash$ |     |     | 0   | 0   | 0   | 0   | 0   | 2 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 1     | 0        | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 293 | 0   | 0   |    |
| 43 | -        |     | -   | 0   | 0   | 1   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 1    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 296 | 0   |    |
| 44 | -        | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 1    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 298 | \$ |
| 45 | 0        | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 0    | 0           | 0   | 0          | 0    | 0    | 0   | 0     | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 1   |    |