## Heads matching relation cop

| 0 -          | 1 | 0   | 0      | 0   | 0      | 0 | 0 | 1      | 1   | 0 | 0  | 0  | 0  | 1  | 0  | 0  |    |      |
|--------------|---|-----|--------|-----|--------|---|---|--------|-----|---|----|----|----|----|----|----|----|------|
| 1 -          | 0 | 0   | 0      | 0   | 0      | 0 | 0 | 0      | 0   | 0 | 0  | 0  | 0  | 0  | 0  | 0  | -  | - 80 |
| 2 -          | 0 | 0   | 1      | 0   | 0      | 0 | 0 | 0      | 0   | 0 | 0  | 0  | 0  | 0  | 0  | 0  |    |      |
| 3 -          | 1 | 0   | 0      | 1   | 1      | 1 | 0 | 0      | 0   | 0 | 0  | 1  | 0  | 0  | 1  | 1  |    |      |
| 4 -          |   | 1   | 0      | 0   | 0      | 2 | 0 | 0      | 1   | 2 | 2  | 1  | 1  | 1  | 1  | 0  | -  | - 70 |
| 5 -          |   | 1   | 1      | 0   | 0      | 0 | 1 | 1      | 1   | 2 | 0  | 1  | 0  | 1  | 3  | 2  |    |      |
| 6 -          |   | 1   | 2      | 0   | 1      | 1 | 2 | 1      | 0   | 1 | 2  | 0  | 2  | 1  | 2  | 0  |    | - 60 |
| 7 -          |   | 0   | 2      | 2   | 2      | 0 | 1 | 1      | 2   | 2 | 0  | 1  | 0  | 1  | 1  | 0  |    | - 60 |
| 8 -          |   | 1   | 1      | 1   | 1      | 1 | 1 | 1      | 1   | 1 | 1  | 2  | 1  | 1  | 1  | 1  |    |      |
| 9 -          |   | 0   | 1      | 1   | 1      | 1 | 1 | 2      | 1   | 0 | 0  | 0  | 2  | 1  | 1  | 3  |    | - 50 |
| 10 -         |   | 1   | 1      | 1   | 1      | 0 | 1 | 1      | 1   | 1 | 1  | 1  | 1  | 1  | 0  | 1  |    | 50   |
| 11 -         |   | 1   | 1      | 1   | 0      | 0 | 1 | 1      | 2   | 1 | 1  | 1  | 1  | 1  | 1  | 0  |    |      |
|              |   | 1   | 1      | 1   | 1      | 1 | 1 | 1      | 1   | 1 | 1  | 1  | 0  | 1  | 2  | 1  | -  | - 40 |
| 13 -         |   | 2   | 1      | 0   | 1      | 1 | 1 | 1      | 1   | 1 | 1  | 1  | 1  | 0  | 2  | 1  |    |      |
| 14 -         |   | 1   | 1      | 1   | 1      | 1 | 1 | 1      | 0   | 1 | 1  | 0  | 1  | 1  | 1  | 1  |    |      |
| 15 -         |   | 1   | 1      | 2   | 1      | 1 | 1 | 1      | 1   | 1 | 1  | 1  | 1  | 2  | 1  | 1  | -  | - 30 |
|              |   | 1   | 1      | 1   | 1      | 1 | 1 | 1      | 1   | 1 | 1  | 1  | 1  | 1  | 1  | 1  |    |      |
| 17 -         |   | 1   | 1      | 1   | 1      | 1 | 2 | 0      | 0   | 0 | 0  | 1  | 1  | 1  | 0  | 1  |    | 20   |
|              |   | 1   | 1      | 1   | 0      | 1 | 1 | 1      | 1   | 1 | 1  | 1  | 1  | 1  | 1  | 1  |    | - 20 |
| 19 -         |   | 1   | 1      | 1   | 1      | 1 | 1 | 1      | 0   | 1 | 1  | 1  | 1  | 0  | 1  | 0  |    |      |
| 20 -<br>21 - |   | 1   | 1<br>1 | 1   | 1      | 1 | 1 | 1      | 1   | 1 | 1  | 0  | 1  | 1  | 1  | 1  | ٠. | - 10 |
| 21 -<br>22 - | 1 | 1   | 0      | 1   | 1      | 1 | 1 | 1      | 1   | 1 | 1  | 0  |    | 0  | 1  | 1  |    | -0   |
| 22 -<br>23 - | 0 | 0   | 1      | 1   | 1<br>2 | 0 | 1 | 1<br>1 | 1   | 1 | 1  | 0  | 0  | 1  | 0  |    |    |      |
| - دے         | ı | - 1 | 1      | - 1 | 1      | ı | I | - 1    | - 1 | ı | 1  | ı  | ı  | 1  | ı  | 1  |    | - 0  |
|              | 0 | 1   | 2      | 3   | 4      | 5 | 6 | 7      | 8   | 9 | 10 | 11 | 12 | 13 | 14 | 15 |    |      |