

|    | binvalue     | quantilevalue |
|----|--------------|---------------|
| 1  | (-Inf, 2.1)  | (-Inf, 3)     |
| 2  | [2.1, 4.2)   | [3, 6)        |
| 3  | [4.2, 6.3)   | [6, 7)        |
| 4  | [6.3, 8.4)   | [7, 8)        |
| 5  | [8.4, 10.5)  | [8, 9)        |
| 6  | [10.5, 12.6) | [9, 10)       |
| 7  | [12.6, 14.7) | [10, +Inf)    |
| 8  | [14.7, 16.8) |               |
| 9  | [16.8, 18.9) |               |
| 10 | [18.9, +Inf) |               |