**Supplementary Table 2. Multifactorial Cox regression analysis of cumulative HBsAg, cumulative HBeAg, cumulative HBV DNA, and cumulative HBsAg / HBV DNA**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  | B value | SE | P | HR | 95.0% CI |
|  |  |  |  |  | lower  | upper |
| Q cumulative HBsAg (Q4 for reference) |  | 0.413 |  |  |  |
| Q1 | 10.695 | 88.07 | 0.903 | 44148.61 | 0 | 4.08E+79 |
| Q2 | 9.426 | 88.066 | 0.915 | 12407.19 | 0 | 1.14E+79 |
| Q3 | -0.13 | 0.895 | 0.884 | 0.878 | 0.152 | 5.07 |
| Q cumulative DNA(Q4 for reference) |  | 0.266 |  |  |  |
| Q1 | 3.006 | 1.61 | 0.062 | 20.198 | 0.861 | 473.668 |
| Q2 | 1.711 | 1.251 | 0.172 | 5.533 | 0.476 | 64.26 |
| Q3 | 0.709 | 0.77 | 0.357 | 2.032 | 0.449 | 9.184 |
|  |  |  |  |  |  |  |
| Q cumulative HBeAg(Q4 for reference) |  | 0.815 |  |  |  |
| Q1 | -0.168 | 1.216 | 0.89 | 0.845 | 0.078 | 9.165 |
| Q2 | 0.274 | 1.131 | 0.808 | 1.316 | 0.143 | 12.078 |
| Q3 | 0.469 | 0.777 | 0.546 | 1.598 | 0.349 | 7.327 |
|  |  |  |  |  |  |  |
| Q cumulative HBsAg /HBV DNA(Q4 for reference) | 0.018 |  |  |  |
| Q1 | 3.744 | 1.247 | 0.003 | 42.269 | 3.668 | 487.141 |
| Q2 | 3.335 | 1.111 | 0.003 | 28.068 | 3.18 | 247.749 |
| Q3 | 1.777 | 0.735 | 0.016 | 5.914 | 1.402 | 24.953 |

 Note: CI, confidence interval; HR, hazard ratio; SE, standard error.