**Supplementary table 3.** Univariate and multivariate analyses for comparison of overall survival of RA and CHB group.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | **Univariate analysis** |  | **Multivariate analysis1** |
| **HR** | **95% CI** | **P value** | **HR** | **95% CI** | **P value** |
| **First symptom**( RA vs. CHB) | 1.276 | 0.595-2.738 | 0.531 |  | 0.769 | 0.346-1.710 | 0.520 |

1 The other variables for multivariate analysis are sex, birth year, birth order, family history, mutation type and onset age.