| Table S3.Scale for quality assessment  |  |
| --- | --- |
| Criteria | Score |
| Representativeness of cases |  |
| Consecutive/randomly recruitment from case population | 2 |
| No method of selection stated | 0 |
| Ascertainment of colorectal cancer |  |
| Histological conﬁrmation at the Department of Pathology | 2 |
| Not described | 0 |
| Representativeness of controls |  |
| Consecutive/randomly recruitment from the same sampling | 1 |
| No method of selection stated | 0 |
| Diagnosis of liver disease |  |
|  Histological analysis | 2 |
|  Others | 0 |
| Sample size |  |
|  ≥800 | 1 |
|  <800 | 0 |
| Follow-up |  |
|  Describe follow-up time | 1 |
|  Describe how many patients were lost to follow up or not available for statistical analysis | 1 |

Total 10