**Supplementary Table 6. Meta-regression results of moderate to severe inflammation (G≥2), fibrosis (S≥2) and cirrhosis (F≥4)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Inflammation** |  | **Fibrosis** |  | **Cirrhosis** |
| **Estimate±SE** | ***p*** | **Estimate±SE** | ***p*** | **Estimate±SE** | ***p*** |
| **HBeAg** | 0.026±0.100 | 0.793 |  | -0.077±0.067 | 0.250 |  | -0.029±0.059 | 0.618 |
| **Study design** | -0.136±0.089 | 0.126 |  | -0.134±0.054 | **0.013** |  | -0.071±0.058 | 0.227 |
| **Region** |  |  |  |  |  |  |  |  |
| Europe | -0.238±0.201 | 0.237 |  | 0.071±0.143 | 0.616 |  | -0.037±0.088 | 0.671 |
| Middle East | 0.017±0.147 | 0.907 |  | 0.010±0.104 | 0.927 |  | 0.004±0.089 | 0.963 |
| North America | 0.007±0.125 | 0.956 |  | 0.059±0.090 | 0.509 |  | 0.132±0.059 | **0.024** |
| **Age** | -0.008±0.113 | 0.947 |  | 0.187±0.071 | **0.009** |  | 0.075±0.060 | 0.212 |
| **BMI** | 0.092±0.074 | 0.213 |  | -0.031±0.090 | 0.733 |  | 0.087±0.127 | 0.492 |
| **HBV DNA** | 0.094±0.093 | 0.312 |  | 0.022±0.079 | 0.786 |  | 0.055±0.067 | 0.409 |
| **ALT** | -0.076±0.109 | 0.487 |  | -0.009±0.091 | 0.923 |  | 0.084±0.122 | 0.491 |
| **AST** | -0.025±0.116 | 0.831 |  | 0.039±0.084 | 0.644 |  | 0.178±0.075 | **0.018** |
| **Tbil** | 0.002±0.128 | 0.988 |  | -0.007±0.108 | 0.951 |  | 0.067±0.046 | 0.152 |
| **PLT** | 0.060±0.259 | 0.817 |  | 0.067±0.123 | 0.586 |  | -- | -- |

SE, standard error. Bold text indicates *p*<0.05.