Supplementary table 1. Comparison of spinal structural damage between non-drinker, moderate drinker, and high drinker

|  | **Non-drinker (N=72)** | **Moderate drinker**  **(N=149)** | **Heavy drinker (N=57)** | ***P1)*** |
| --- | --- | --- | --- | --- |
| 2 year mSASSS change | 1.5 ± 2.8 | 2.7 ± 3.6 | 2.6 ± 3.6 | 0.027 |
| T2) | a | b | a,b |  |
| 2 year syndesmophyte change | 0.4 ± 1.2 | 0.9 ± 1.2 | 0.8 ± 1.5 | 0.013 |
| T2) | a | b | a,b |  |

1. Statistical significances were tested by One way analysis of variances among groups.
2. The same letters indicate non-significant difference between groups based on Bonferroni multiple comparison test.