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| Supplemental Material 1. Linear regression analyses of log-transformed urinary cadmium and log-transformed liver function parameters considering interaction between alcohol consumption and smoking according to smoking status. |
|  | Overall population | Current smoker | Former smoker | Never smoker |
|  | Beta | p-value | Beta | p-value | Beta | p-value | Beta | p-value |
| ALT |  |  |  |  |  |  |  |  |
| Volume-based model | 0.050±0.008 | <.0001 | 0.067±0.020 | 0.0010 | 0.030±0.015 | 0.0428 | 0.059±0.010 | <.0001 |
| Creatinine-adjusted model | 0.066±0.008 | <.0001 | 0.084±0.021 | <.0001 | 0.054±0.016 | 0.0008 | 0.074±0.010 | <.0001 |
| AST |  |  |  |  |  |  |  |  |
| Volume-based model | 0.030±0.006 | <.0001 | 0.049±0.017 | 0.0038 | 0.007±0.013 | 0.5860 | 0.033±0.008 | <.0001 |
| Creatinine-adjusted model | 0.045±0.007 | <.0001 | 0.067±0.018 | 0.0003 | 0.031±0.014 | 0.0258 | 0.044±0.008 | <.0001 |
| GGT |  |  |  |  |  |  |  |  |
| Volume-based model | 0.094±0.011 | <.0001 | 0.158±0.029 | <.0001 | 0.083±0.022 | 0.0002 | 0.071±0.013 | <.0001 |
| Creatinine-adjusted model | 0.113±0.012 | <.0001 | 0.195±0.031 | <.0001 | 0.110±0.024 | <.0001 | 0.083±0.014 | <.0001 |
| TB |  |  |  |  |  |  |  |  |
| Volume-based model | 0.035±0.009 | 0.0004 | 0.003±0.003 | 0.3732 | 0.001±0.015 | 0.9544 | 0.080±0.013 | <.0001 |
| Creatinine-adjusted model | 0.040±0.009 | <.0001 | 0.009±0.004 | 0.0252 | 0.009±0.015 | 0.5515 | 0.085±0.013 | <.0001 |
| ALP |  |  |  |  |  |  |  |  |
| Volume-based model | 0.040±0.005 | <.0001 | 0.051±0.005 | <.0001 | 0.048±0.010 | <.0001 | 0.026±0.009 | 0.0040 |
| Creatinine-adjusted model | 0.050±0.006 | <.0001 | 0.070±0.005 | <.0001 | 0.058±0.011 | <.0001 | 0.030±0.009 | 0.0006 |