**Supplemental material**

**Supplemental material 1**

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| **S1〡**Univariate analysis between remimazolam dose and each independent variable |
|  | **β** | **95% CI** | ***P* Value** |
| AgeBMI, kg/m2EF%INRAlbumin, g/LBilirubin,μmol/LALT, U/LAST, U/L Scr, μmol/LBUN, mmol/L | -0.003-0.0080.0010.1700.003-0.001-0.001-0.001-0.001-0.002 | -0.004~-0.002-0.013~-0.003-0.007~0.008-0.035~0.3750.000~0.006-0.003~0.001-0.002~0.000-0.002~0.000-0.001~0.000-0.004~0.001 | <0.001\*\*\*0.003\*\*0.8700.1030.0670.3190.1080.1810.1490.139 |
| *p* value in linear regression model. *p* <0.05, \*; *p* <0.01, \*\*; *p* <0.001, \*\*\*. |
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