

## Supplementary material

**Table S1.** Blood alcohol, behavioural and comprehensive drunkenness degrees after receiving different alcohol sources

| Alcohol dose (g 100g <sup>-1</sup> body weight) |                                       | 0.356         | 0.435         | 0.514         | 0.593         | 0.672         | 0.751         | <i>p</i> |
|-------------------------------------------------|---------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------|
| Alcohol solution (29.5%, ABV)                   | AD                                    | 0.6861±0.1371 | 0.9532±0.1723 | 0.9999±0.1631 | 1.3237±0.1132 | 1.5251±0.1521 | 1.8557±0.1976 | 0.008*   |
|                                                 | BD                                    | 0.7316±0.1523 | 0.9530±0.1126 | 0.9914±0.0987 | 1.2809±0.1453 | 1.4149±0.1326 | -             | 0.017*   |
|                                                 | CD                                    | 0.7088±0.1446 | 0.9531±0.1425 | 0.9957±0.1259 | 1.3023±0.1293 | 1.4670±0.1424 | 1.8557±0.1976 | 0.008*   |
|                                                 | C <sub>t1</sub> (mg L <sup>-1</sup> ) | 2378±327      | 2870±440      | 3049±453      | 4102±920      | 4605±1106     | 5526±652      | 0.032*   |
|                                                 | C <sub>t2</sub> (mg L <sup>-1</sup> ) | 2398±393      | 3908±456      | 4049±403      | 5273±653      | 6236±440      | 7691±1237     | 0.002*   |
| Shiwan Jade Ice (29%, ABV)                      | AD                                    | 0.9465±0.2012 | 1.0972±0.1478 | 1.3385±0.2232 | 1.3451±0.2621 | 1.9424±0.1832 | 2.1900±0.3124 | 0.018*   |
|                                                 | BD                                    | 0.7243±0.2134 | 1.0342±0.0987 | 1.3840±0.2154 | 1.5538±0.3246 | -             | -             | 0.029*   |
|                                                 | CD                                    | 0.8354±0.2073 | 1.0657±0.1233 | 1.3612±0.2193 | 1.4495±0.2934 | 1.9424±0.1832 | 2.1900±0.3124 | 0.010*   |
|                                                 | C <sub>t1</sub> (mg L <sup>-1</sup> ) | 3100±234      | 4207±542      | 4657±492      | 4746±732      | 5763±892      | 6849±1132     | 0.017*   |
|                                                 | C <sub>t2</sub> (mg L <sup>-1</sup> ) | 3549±432      | 3300±561      | 4657±432      | 5592±843      | 8079±1143     | 8642±1523     | 0.013*   |
| Jiujiang Double Distilled, (29.5%, ABV)         | AD                                    | 0.8250±0.1421 | 0.9066±0.1162 | 1.0917±0.1023 | 1.5048±0.1921 | 1.7160±0.1821 | 1.9840±0.2108 | 0.008*   |
|                                                 | BD                                    | 0.1385±0.1532 | 0.3115±0.1654 | 0.6610±0.2178 | 0.8610±0.1654 | 1.0303±0.1653 | 1.2681±0.1467 | 0.010*   |
|                                                 | CD                                    | 0.4817±0.1477 | 0.6090±0.1403 | 0.8764±0.1551 | 1.1829±0.1788 | 1.3731±0.1737 | 1.6260±0.1288 | 0.009*   |
|                                                 | C <sub>t1</sub> (mg L <sup>-1</sup> ) | 2470±231      | 2776±325      | 3315±431      | 3896±532      | 5005±589      | 5673±690      | 0.009*   |
|                                                 | C <sub>t2</sub> (mg L <sup>-1</sup> ) | 3402±326      | 3656±489      | 4440±378      | 7014±432      | 7252±891      | 8535±1043     | 0.010*   |
| Jiujiang Twelve Square, (33.8%, ABV)            | AD                                    | 0.6520±0.1324 | 0.8697±0.1543 | 0.9229±0.1321 | 1.0199±0.2143 | 1.1053±0.1421 | 1.4469±0.1478 | 0.023*   |
|                                                 | BD                                    | 0.1516±0.0791 | 0.5789±0.1578 | 0.5390±0.1079 | 0.8003±0.1232 | 1.0248±0.0983 | 1.2262±0.1521 | 0.008*   |
|                                                 | CD                                    | 0.4018±0.1057 | 0.7243±0.1561 | 0.7309±0.1200 | 0.9101±0.1687 | 1.0650±0.1202 | 1.3366±0.1499 | 0.010*   |
|                                                 | C <sub>t1</sub> (mg L <sup>-1</sup> ) | 2332±237      | 2615±321      | 2928±278      | 3197±308      | 3125±278      | 4483±498      | 0.023*   |
|                                                 | C <sub>t2</sub> (mg L <sup>-1</sup> ) | 2184±198      | 3571±365      | 3587±421      | 4015±378      | 4802±432      | 5766±603      | 0.010*   |
| Shunde Red Liquor, (30%, ABV)                   | AD                                    | 0.5360±0.0987 | 0.9041±0.1453 | 1.1488±0.0926 | 1.4194±0.1032 | 1.6190±0.1532 | 1.7867±0.1265 | 0.006*   |
|                                                 | BD                                    | 0.4036±0.0651 | 0.4970±0.0984 | 1.2681±0.0843 | 1.4286±0.1023 | -             | -             | 0.026*   |
|                                                 | CD                                    | 0.4698±0.0819 | 0.7006±0.1219 | 1.2084±0.0885 | 1.4240±0.1028 | 1.6190±0.1532 | 1.7867±0.1265 | 0.006*   |
|                                                 | C <sub>t1</sub> (mg L <sup>-1</sup> ) | 1532±463      | 2108±345      | 3437±432      | 4655±419      | 5128±405      | 5988±647      | 0.007*   |
|                                                 | C <sub>t2</sub> (mg L <sup>-1</sup> ) | 2307±372      | 4523±589      | 4740±616      | 5315±438      | 6303±689      | 6519±790      | 0.014*   |

“\*” Statistically significant level; “-” lose of behavioural reaction due to a heavy drunkenness