Table S1. List of the 21 metabolites with the VIP> 1.

|  |  |
| --- | --- |
| Metabolite | VIP1 |
| Arginine | 1.046 |
| Betaine | 1.086 |
| cis-Aconitate | 1.363 |
| Creatinine | 1.309 |
| Formate | 1.011 |
| Glutamate | 1.057 |
| Glutamine | 1.142 |
| Guanidoacetate | 1.074 |
| Lactate | 1.089 |
| Malonate | 1.453 |
| Methanol | 1.001 |
| N-Acetylglycine | 1.285 |
| N-Nitrosodimethylamine | 1.230 |
| O-Acetylcholine | 1.556 |
| o-Cresol | 1.247 |
| Succinate | 1.454 |
| Tyrosine | 1.038 |
| Urea | 1.250 |
| Valine | 1.088 |
| Valproate | 1.259 |
| 2-Oxoglutarate | 1.329 |

1 VIP, variable importance plots. Variables with VIP > 1 were considered significant.