CORRECTION

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Correction: Interpretation of type 2 diabetes mellitus relevant GC-MS metabolomics fingerprints by using random forests†

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Correction for 'Interpretation of type 2 diabetes mellitus relevant GC-MS metabolomics fingerprints by using random forests' by Jian-Hua Huang *et al.*, *Anal. Methods*, 2013, 5, 4883–4889.

The authors wish to draw the readers' attention to their previous related study, published in *Talanta*,¹ which should have been cited in this *Analytical Methods* paper.

The authors regret not giving correct attribution to Fig. 4 in the paper and Table 1 in the ESI,[†] which were reproduced for the readers' information. The figures are reproduced below with the correct copyright permission.

Fig. 4 3D-projection plot of metabolic fingerprints from PCA of the first three principal components for the second data set. Reproduced from ref. 2 with permission from Taylor & Francis.

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Table 1 Qualitative and quantitative metabolic profile of three group mice. Reproduced from ref. 1 with permission from Elsevier

id	t_r^a (min)	Endogenous metabolites	C57	AMPK-male	AMPK-female
1	5.922	Aminoethane	0.2456 $\pm$ 0.0705	0.1905 $\pm$ 0.0567	0.1958 $\pm$ 0.0551
2	6.593	Ethylene glycol	0.0182 $\pm$ 0.0020	0.0530 $\pm$ 0.0428	0.0746 $\pm$ 0.0626
3	6.84	<i>N,N</i> -Diethylacetamide	0.0657 $\pm$ 0.0087	0.0476 $\pm$ 0.0202	0.0557 $\pm$ 0.0107
4	7.716	Lactic acid*	0.0872 $\pm$ 0.0374	0.0952 $\pm$ 0.0592	0.1482 $\pm$ 0.2155
5	7.934	Acetic acid	0.0856 $\pm$ 0.0333	0.0229 $\pm$ 0.0140	0.0412 $\pm$ 0.0203
6	10.01	Phosphate	2.1278 $\pm$ 0.9173	1.4730 $\pm$ 0.7381	1.3767 $\pm$ 0.9361
7	10.2	L-Threonine	0.0173 $\pm$ 0.0098	0.0108 $\pm$ 0.0068	0.0096 $\pm$ 0.0065
8	10.297	Phenylacetic acid	0.0047 $\pm$ 0.0023	0.0159 $\pm$ 0.0103	0.0147 $\pm$ 0.0097
9	10.382	Succinic acid*	0.0311 $\pm$ 0.0129	0.0098 $\pm$ 0.0031	0.0119 $\pm$ 0.0086
10	10.447	1,2-Hydroquinone	0.0120 $\pm$ 0.0072	0.0078 $\pm$ 0.0047	0.0067 $\pm$ 0.0039
11	10.503	Glyceric acid	0.0961 $\pm$ 0.0266	0.0400 $\pm$ 0.0232	0.0183 $\pm$ 0.0087
12	10.723	(<i>R</i> *, <i>R</i> *)-2,3-Dihydroxybutanoic acid	0.0167 $\pm$ 0.0053	0.0037 $\pm$ 0.0014	0.0053 $\pm$ 0.0029
13	11.357	2,4-Dihydroxybutanoic acid	0.0147 $\pm$ 0.0051	0.0155 $\pm$ 0.0080	0.0166 $\pm$ 0.0047
14	11.583	(<i>R</i> *, <i>S</i> *)-3,4-Dihydroxybutanoic acid	0.0304 $\pm$ 0.0098	0.0132 $\pm$ 0.0064	0.0178 $\pm$ 0.0107
15	11.797	<i>N</i> -(1-Oxobutyl)-glycine	0.0653 $\pm$ 0.0244	0.0319 $\pm$ 0.0186	0.0274 $\pm$ 0.0151
16	12.341	Isovalerylglycine	0.0356 $\pm$ 0.0134	0.0160 $\pm$ 0.0079	0.0107 $\pm$ 0.0073
17	12.483	D-Threitol	0.0714 $\pm$ 0.0273	0.0290 $\pm$ 0.0130	0.0251 $\pm$ 0.0151
18	12.645	<i>N</i> -Crotonylglycine	0.0240 $\pm$ 0.0146	0.0207 $\pm$ 0.0129	0.0148 $\pm$ 0.0099
19	12.973, 13.203	2,3,4-Trihydroxybutyrate	0.1276 $\pm$ 0.0162	0.0631 $\pm$ 0.0343	0.0412 $\pm$ 0.0250
20	14.53	<i>N</i> -(1-Oxohexyl)-glycine	0.0960 $\pm$ 0.0319	0.0421 $\pm$ 0.0273	0.0232 $\pm$ 0.0081
21	14.58	3-Hydroxyphenylacetic acid	0.0326 $\pm$ 0.0100	0.0140 $\pm$ 0.0081	0.0134 $\pm$ 0.0088
22	14.713	D-Xylose	0.0408 $\pm$ 0.0150	0.0182 $\pm$ 0.0044	0.0193 $\pm$ 0.0053
23	14.823, 15.057	D-Ribose	0.0926 $\pm$ 0.0370	0.0252 $\pm$ 0.0142	0.0250 $\pm$ 0.0179
24	15.509, 15.733	Arabitol	0.0287 $\pm$ 0.0164	0.0283 $\pm$ 0.0179	0.0278 $\pm$ 0.0215
25	16.023	6-Deoxy-D-galactose	0.0336 $\pm$ 0.0083	0.0177 $\pm$ 0.0100	0.0149 $\pm$ 0.0104
26	16.087	Mannonic acid	0.0505 $\pm$ 0.0177	0.0211 $\pm$ 0.0143	0.0168 $\pm$ 0.0138
27	16.2	<i>Cis</i> -aconitic acid*	0.0535 $\pm$ 0.0288	0.0105 $\pm$ 0.0079	0.0168 $\pm$ 0.0147
28	16.357	Phosphoric acid	0.0414 $\pm$ 0.0202	0.0230 $\pm$ 0.0141	0.0212 $\pm$ 0.0168
29	17.177	Isocitric acid*	0.0348 $\pm$ 0.0121	0.0140 $\pm$ 0.0093	0.0248 $\pm$ 0.0138
30	17.563	Hippuric acid	0.0470 $\pm$ 0.0126	0.0180 $\pm$ 0.0074	0.0156 $\pm$ 0.0096
31	17.85, 17.96	D-Fructose*	0.0512 $\pm$ 0.0286	0.0371 $\pm$ 0.0145	0.0480 $\pm$ 0.0131
32	18.087	<i>N</i> -Phenyl glycine*	0.0596 $\pm$ 0.0214	0.0455 $\pm$ 0.0272	0.0389 $\pm$ 0.0287
33	18.197, 18.147	D-Glucose*	0.3785 $\pm$ 0.1618	0.1741 $\pm$ 0.0654	0.1859 $\pm$ 0.0736
34	18.507	Altronic acid	0.0302 $\pm$ 0.0069	0.0185 $\pm$ 0.0100	0.0102 $\pm$ 0.0074
35	18.577, 18.65	D-Sorbitol*	0.0896 $\pm$ 0.0269	0.0254 $\pm$ 0.0187	0.0300 $\pm$ 0.0275
36	18.983, 19.533	Galactonic acid	0.0613 $\pm$ 0.0282	0.0617 $\pm$ 0.0328	0.0441 $\pm$ 0.0351
37	19.99	Palmitic acid	0.0084 $\pm$ 0.0009	0.0067 $\pm$ 0.0017	0.0071 $\pm$ 0.0025
38	20.403	Myo-inositol	0.0347 $\pm$ 0.0228	0.0097 $\pm$ 0.0037	0.0134 $\pm$ 0.0129
39	25.465	D-Turanose	0.0216 $\pm$ 0.0138	0.0197 $\pm$ 0.0090	0.0510 $\pm$ 0.0099
40	25.653, 25.783	D-(+)-Lactose monohydrate*	1.0400 $\pm$ 0.3349	0.7475 $\pm$ 0.2366	0.6559 $\pm$ 0.3286
41	25.927	Lactose*	0.0142 $\pm$ 0.0043	0.0143 $\pm$ 0.0075	0.0190 $\pm$ 0.0163

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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