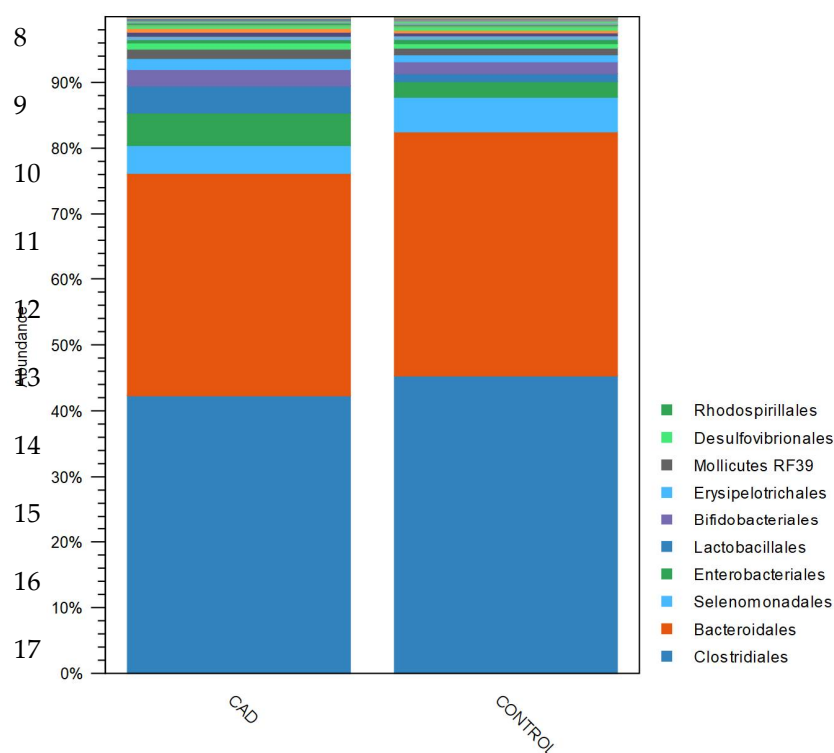
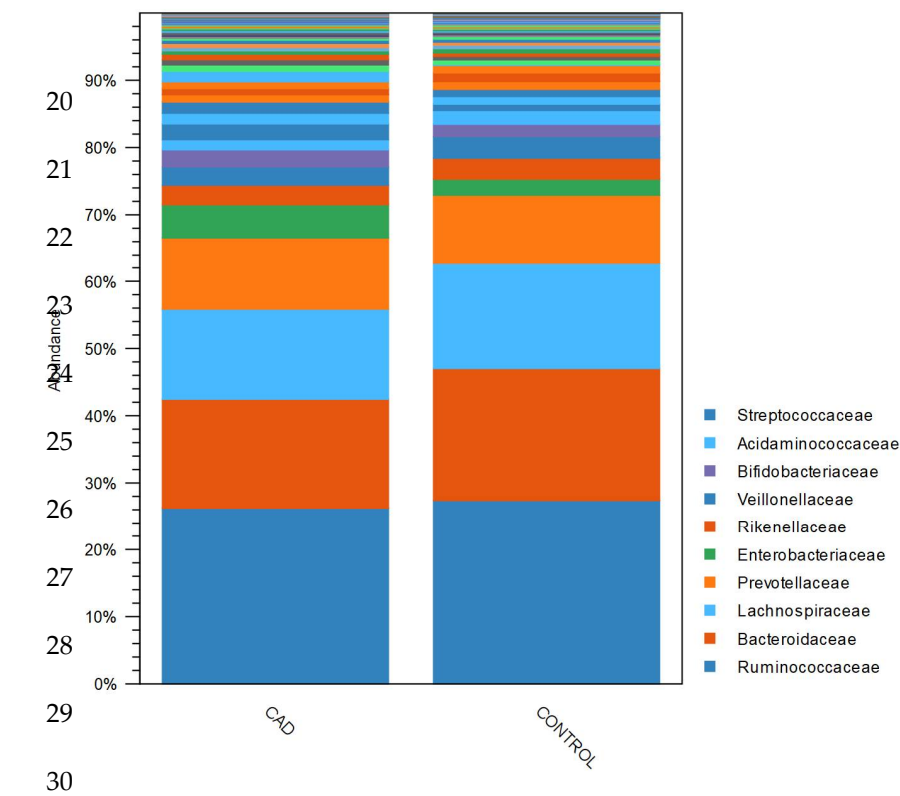


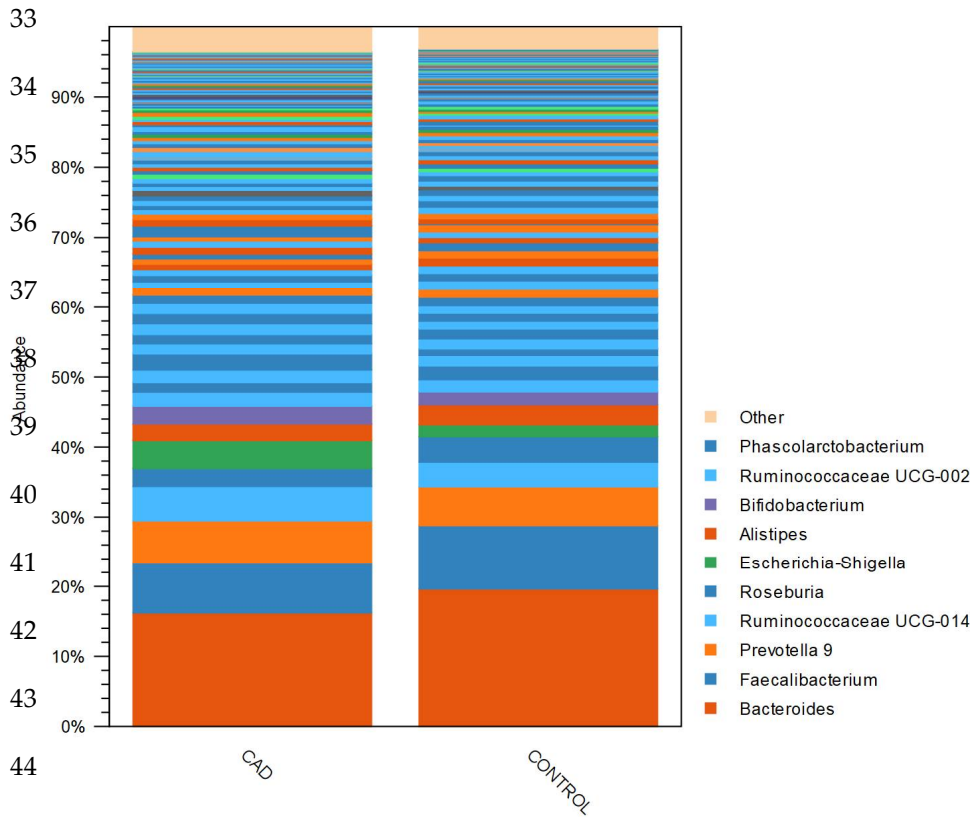
Supplementary Figure S1. Composition of bacteria class in studied populations. CAD – coronary artery disease group. 6 7



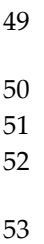
Supplementary Figure S2. Composition of bacteria order in studied populations. CAD – coronary artery disease group. 18 19



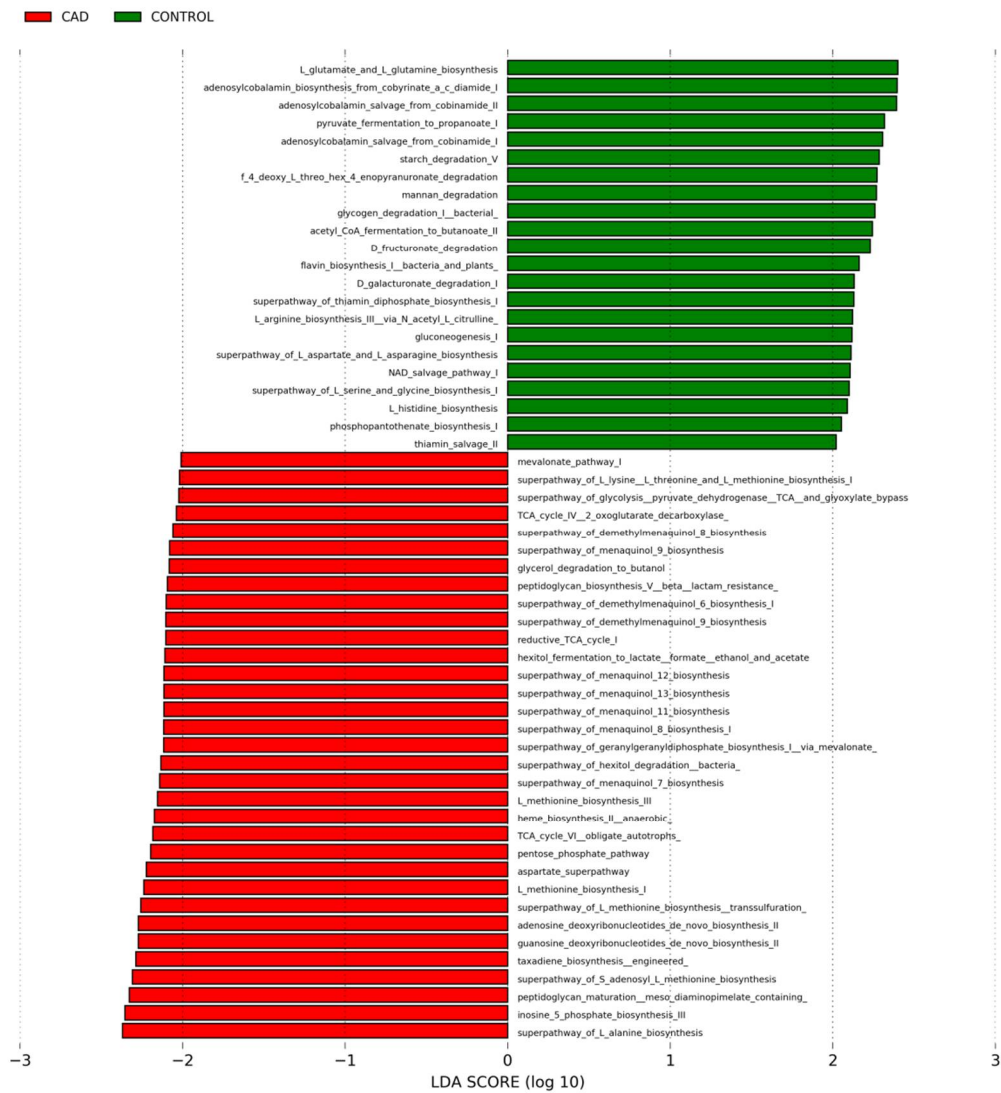
Supplementary Figure S3. Composition of bacteria family in studied populations. CAD – coronary artery disease group.



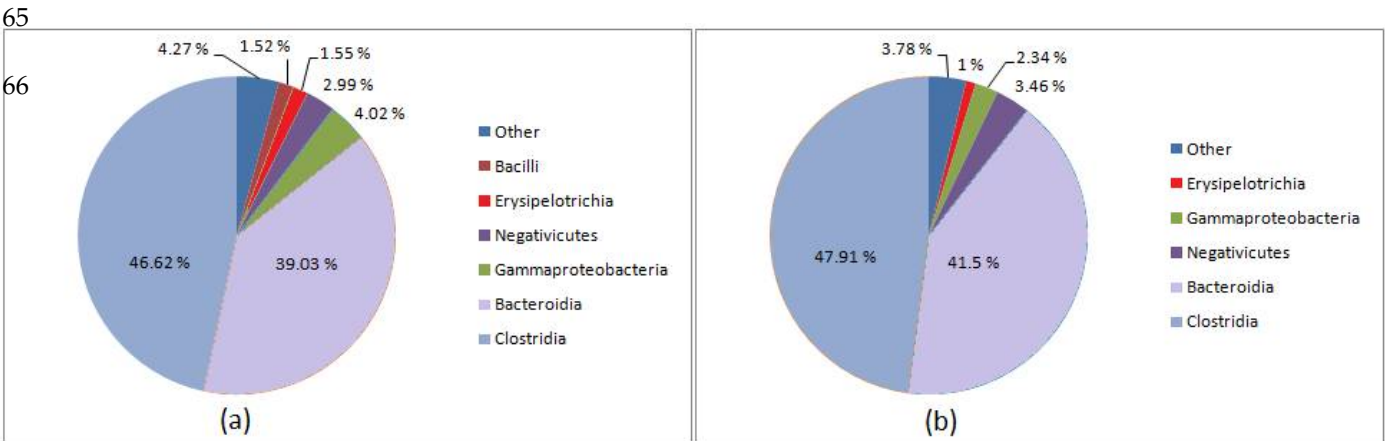
Supplementary Figure S4. Composition of bacteria genus in studied populations. CAD – coronary artery disease group.



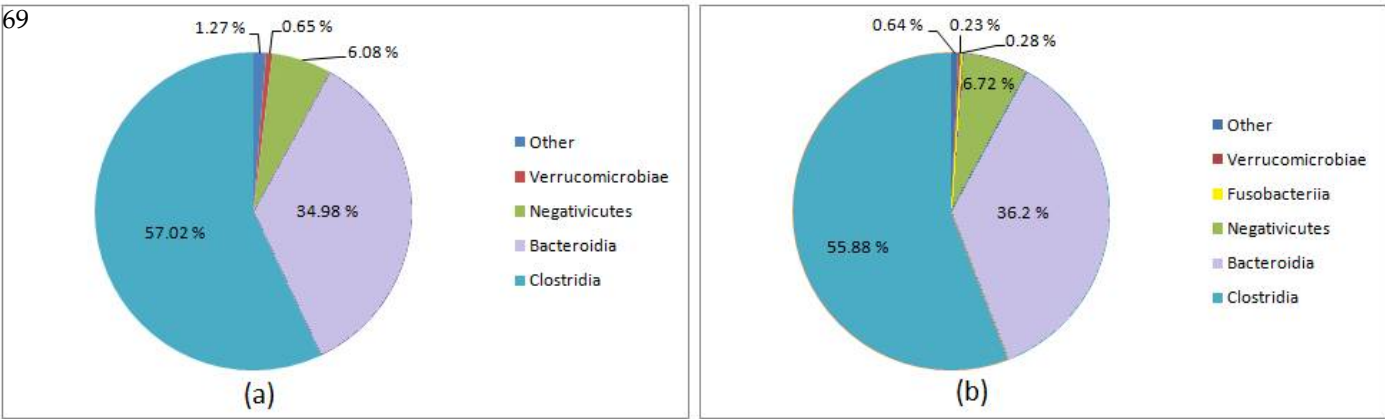
Supplementary Figure S5. Potential biomarkers for coronary artery disease and control group at the taxonomic level. LEfSe identified the major bacteria at all taxonomic levels at the threshold of absolute LDA score 2.



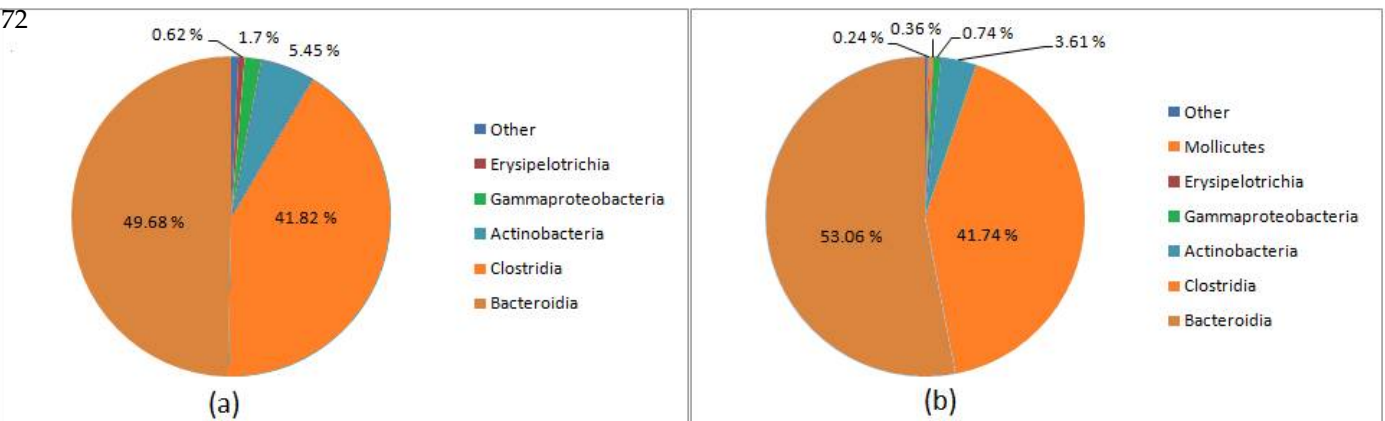
Supplementary Figure S6. Potential biomarkers for coronary artery disease and control group at pathways level. LEfSe identified the major bacteria at all taxonomic levels at the threshold of absolute LDA score 2.



Supplementary Figure S7. Potential DNA topoisomerase producers in coronary artery disease patients (a) and control group (b).

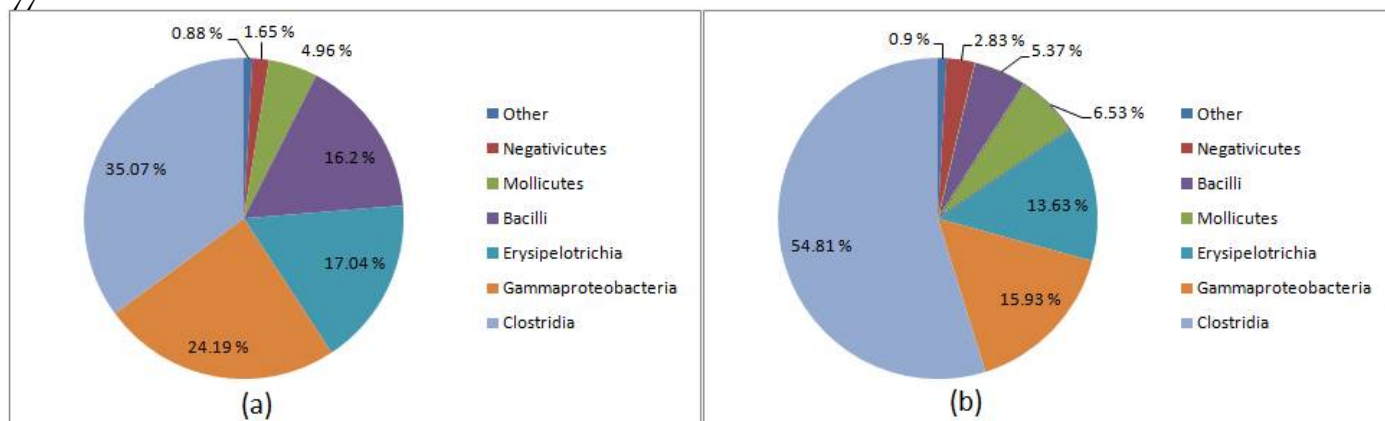


Supplementary Figure S8. Potential oxaloacetate decarboxylase producers in coronary artery disease patients (a) and control group (b).



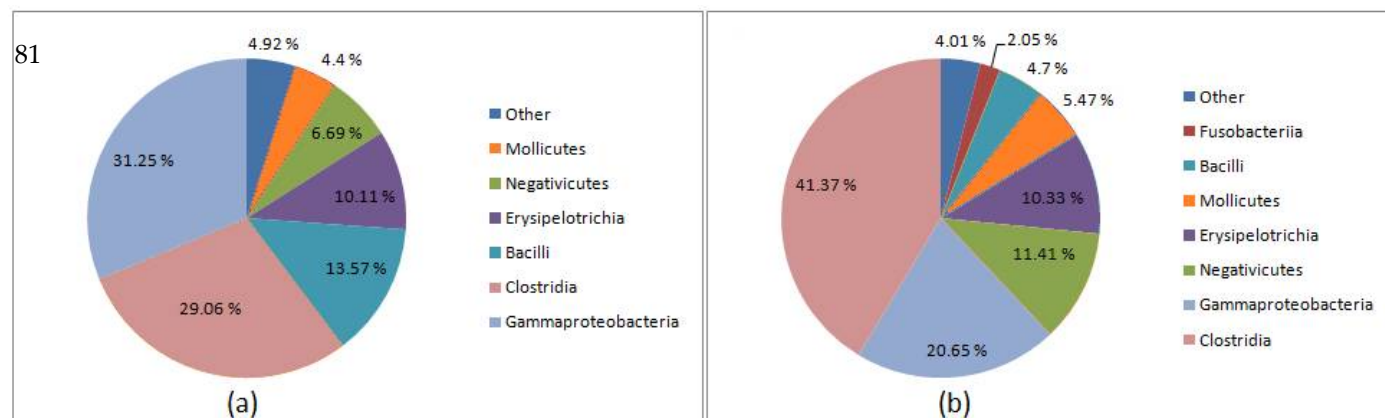
Supplementary Figure S9. Potential beta-glucosidase producers in coronary artery disease patients (a) and control group (b).

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Supplementary Figure S10. Potential 6-phospho-beta-glucosidase producers in coronary artery disease patients (a) and control group (b).

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Supplementary Figure S11. Potential protein-N(pi)-phosphohistidine-sugar phosphotransferase producers in coronary artery disease patients (a) and control group (b).

Supplementary Table S1. The differences in relative abundance of bacterial phyla, classes, and orders in studied populations.

Taxonomic unit	Relative abundance in CAD group	Relative abundance in control group	p-value (adjusted for sex and age)
Phyla			
<i>Firmicutes</i>	52.034 (49.4657 - 54.6023)	52.6381 (50.631 - 54.6452)	0.745
<i>Actinobacteria</i>	3.3228 (2.5724 - 4.0732)	2.4287 (1.8701 - 2.9873)	0.06
<i>Cyanobacteria</i>	0.1242 (0.0571 - 0.1913)	0.2632 (0.1034 - 0.423)	0.111
<i>Spirochaetes</i>	0.0699 (-0.0293 - 0.1691)	0.0012 (-0.0012 - 0.0036)	0.176
<i>Patescibacteria</i>	0.022 (0.0056 - 0.0384)	0.0115 (0.0083 - 0.0147)	0.217
<i>Epsilonbacteraeota</i>	0.0001 (-0.0001 - 0.0003)	0.0002 (0 - 0.0004)	0.255
<i>Verrucomicrobia</i>	1.021 (0.0878 - 1.9542)	0.4623 (0.1554 - 0.7692)	0.264
<i>Synergistetes</i>	0.0153 (0.0022 - 0.0284)	0.0312 (0.0011 - 0.0613)	0.334
<i>Tenericutes</i>	1.4002 (1.0268 - 1.7736)	1.1882 (0.8237 - 1.5527)	0.422
<i>Fusobacteria</i>	0.1591 (0.01 - 0.3082)	0.2249 (-0.0596 - 0.5094)	0.684
<i>Lentisphaerae</i>	0.2813 (0.1928 - 0.3698)	0.2602 (0.1893 - 0.3311)	0.713

<i>Elusimicrobia</i>	0.036 (-0.0343 - 0.1063)	0.0244 (-0.0174 - 0.0662)	0.780
Classes			
<i>Actinobacteria_Actinobacteria</i>	2.7165 (2.0288 - 3.4042)	1.9823 (1.4497 - 2.5149)	0.096
<i>Actinobacteria_Coriobacteriia</i>	0.6063 (0.4489 - 0.7637)	0.4464 (0.3298 - 0.563)	0.108
<i>Cyanobacteria_Melainabacteria</i>	0.1103 (0.0442 - 0.1764)	0.2414 (0.0832 - 0.3996)	0.129
<i>Cyanobacteria_Oxyphotobacteria</i>	0.0139 (0.0004 - 0.0274)	0.0219 (0.0003 - 0.0435)	0.533
<i>Elusimicrobia_Elusimicrobia</i>	0.036 (-0.0343 - 0.1063)	0.0244 (-0.0174 - 0.0662)	0.780
<i>Epsilonbacteraeota_Campylobacteria</i>	0.0001 (-0.0001 - 0.0003)	0.0002 (0 - 0.0004)	0.255
<i>Firmicutes_Clostridia</i>	42.387 (39.7322 - 45.0418)	45.174 (42.9875 - 47.3605)	0.110
<i>Firmicutes_Erysipelotrichia</i>	1.4364 (0.919 - 1.9538)	1.0841 (0.7984 - 1.3698)	0.241
<i>Firmicutes_Negativicutes</i>	4.0989 (3.2497 - 4.9481)	5.1593 (4.1275 - 6.1911)	0.117
<i>Fusobacteria_Fusobacteriia</i>	0.1591 (0.01 - 0.3082)	0.2249 (-0.0596 - 0.5094)	0.684
<i>Lentisphaerae_Lentisphaeria</i>	0.2813 (0.1928 - 0.3698)	0.2602 (0.1893 - 0.3311)	0.713
<i>Patescibacteria_Saccharimonadia</i>	0.022 (0.0056 - 0.0384)	0.0115 (0.0083 - 0.0147)	0.217
<i>Proteobacteria_Alphaproteobacteria</i>	0.5106 (0.3007 - 0.7205)	0.5749 (0.407 - 0.7428)	0.637
<i>Proteobacteria_Deltaproteobacteria</i>	0.8772 (0.6808 - 1.0736)	0.6892 (0.5591 - 0.8193)	0.116
<i>Spirochaetes_Brachyspirae</i>	0 (0 - 0)	0.0012 (-0.0012 - 0.0036)	0.314
<i>Spirochaetes_Spirochaetia</i>	0.0699 (-0.0293 - 0.1691)	0 (0 - 0)	0.168
<i>Synergistetes_Synergistia</i>	0.0153 (0.0022 - 0.0284)	0.0312 (0.0011 - 0.0613)	0.334
<i>Tenericutes_Mollicutes</i>	1.4002 (1.0268 - 1.7736)	1.1882 (0.8237 - 1.5527)	0.422
<i>Verrucomicrobia_Verrucomicrobiae</i>	1.021 (0.0878 - 1.9542)	0.4623 (0.1554 - 0.7692)	0.264
Order			
<i>Actinobacteria_Actinobacteria_Bifidobacteriales</i>	2.6688 (1.9835 - 3.3541)	1.9585 (1.4261 - 2.4909)	0.107
<i>Actinobacteria_Actinobacteria_Corynebacteriales</i>	0.0003 (0.0001 - 0.0005)	0.0003 (0.0001 - 0.0005)	0.911
<i>Actinobacteria_Actinobacteria_Propionibacteriales</i>	0.0042 (0.0004 - 0.008)	0.0017 (0.0005 - 0.0029)	0.197
<i>Actinobacteria_Coriobacteriia_Coriobacteriales</i>	0.6063 (0.4489 - 0.7637)	0.4464 (0.3298 - 0.563)	0.108
<i>Bacteroidetes_Bacteroidia_Flavobacteriales</i>	0.062 (0.0378 - 0.0862)	0.0727 (0.043 - 0.1024)	0.578
<i>Cyanobacteria_Melainabacteria_Gastranaerophilales</i>	0.1103 (0.0442 - 0.1764)	0.2414 (0.0832 - 0.3996)	0.129
<i>Cyanobacteria_Oxyphotobacteria_Chloroplast</i>	0.0139 (0.0004 - 0.0274)	0.0219 (0.0003 - 0.0435)	0.533
<i>Elusimicrobia_Elusimicrobia_Elusimicrobiales</i>	0.036 (-0.0343 - 0.1063)	0.0244 (-0.0174 - 0.0662)	0.780
<i>Epsilonbacteraeota_Campylobacteria_Campylobacteriales</i>	0.0001 (-0.0001 - 0.0004)	0.0002 (0 - 0.0004)	0.255
<i>Firmicutes_Bacilli_Bacillales</i>	0.2207 (0.0492 - 0.3922)	0.0568 (0.0077 - 0.1059)	0.072
<i>Firmicutes_Clostridia_Clostridiales</i>	42.3791 (39.7249 - 45.0333)	45.1646 (42.9787 - 47.3505)	0.110
<i>Firmicutes_Clostridia_DTU014</i>	0.0079 (0.0051 - 0.0107)	0.0094 (0.0064 - 0.0124)	0.474
<i>Firmicutes_Erysipelotrichia_Erysipelotrichales</i>	1.4364 (0.919 - 1.9538)	1.0841 (0.7984 - 1.3698)	0.241
<i>Firmicutes_Negativicutes_Selenomonadales</i>	4.0989 (3.2497 - 4.9481)	5.1593 (4.1275 - 6.1911)	0.117
<i>Fusobacteria_Fusobacteriia_Fusobacteriales</i>	0.1591 (0.01 - 0.3082)	0.2249 (-0.0596 - 0.5094)	0.684
<i>Lentisphaerae_Lentisphaeria_Victivallales</i>	0.2813 (0.1928 - 0.3698)	0.2602 (0.1893 - 0.3311)	0.713
<i>Patescibacteria_Saccharimonadia_Saccharimonadales</i>	0.022 (0.0056 - 0.0384)	0.0115 (0.0083 - 0.0147)	0.217
<i>Proteobacteria_Alphaproteobacteria_Rhizobiales</i>	0.0029 (-0.0001 - 0.0059)	0.0009 (-0.0001 - 0.0019)	0.219
<i>Proteobacteria_Alphaproteobacteria_Rhodospirillales</i>	0.5074 (0.2975 - 0.7173)	0.5715 (0.4038 - 0.7392)	0.638
<i>Proteobacteria_Alphaproteobacteria_Rickettsiales</i>	0.0004 (-0.0002 - 0.001)	0.0025 (-0.0011 - 0.0061)	0.234
<i>Proteobacteria_Deltaproteobacteria_Desulfovibrionales</i>	0.8772 (0.6808 - 1.0736)	0.6892 (0.5591 - 0.8193)	0.116
<i>Proteobacteria_Gammaproteobacteria_Aeromonadales</i>	0.1592 (0.0147 - 0.3037)	0.3233 (0.0669 - 0.5797)	0.268
<i>Proteobacteria_Gammaproteobacteria_Alteromonadales</i>	0.0007 (-0.0003 - 0.0017)	0.0044 (-0.0039 - 0.0127)	0.38
<i>Proteobacteria_Gammaproteobacteria_Betaproteobacteriales</i>	0.2573 (0.144 - 0.3706)	0.3721 (0.2297 - 0.5145)	0.21
<i>Proteobacteria_Gammaproteobacteria_Pasteurellales</i>	0.2048 (0.1018 - 0.3078)	0.1502 (0.0722 - 0.2282)	0.405
<i>Proteobacteria_Gammaproteobacteria_Pseudomonadales</i>	0.0004 (0 - 0.0008)	0.0016 (0.0008 - 0.004)	0.303

<i>Proteobacteria_Gammaproteobacteria_Vibrionales</i>	0.0004 (0 - 0.0008)	0.0002 (0 - 0.0004)	0.119
<i>Spirochaetes_Brachyspirae_Brachyspirales</i>	0 (0 - 0)	0.0012 (-0.0012 - 0.0036)	0.314
<i>Spirochaetes_Spirochaetia_Spirochaetales</i>	0.0699 (-0.0293 - 0.1691)	0 (0 - 0)	0.168
<i>Synergistetes_Synergistia_Synergistales</i>	0.0153 (0.0022 - 0.0284)	0.0312 (0.0011 - 0.0613)	0.334
<i>Tenericutes_Mollicutes_Anaeroplasmatales</i>	0 (0 - 0)	0.0002 (0 - 0.0004)	0.244
<i>Tenericutes_Mollicutes_Izimaplasmatales</i>	0.1066 (0.0529 - 0.1603)	0.1957 (0.0636 - 0.3278)	0.214
<i>Tenericutes_Mollicutes_Mollicutes.RF39</i>	1.2936 (0.9305 - 1.6567)	0.9923 (0.6832 - 1.3014)	0.212
<i>Verrucomicrobia_Verrucomicrobiae_Opitutales</i>	0 (0 - 0)	0.0087 (-0.0083 - 0.0257)	0.312
<i>Verrucomicrobia_Verrucomicrobiae_Verrucomicrobiales</i>	1.021 (0.0878 - 1.9542)	0.4536 (0.1469 - 0.7603)	0.257

CAD – coronary artery disease group, CI - confidence interval. Mean values together with the 95% confidence intervals of the means are presented.

Supplementary Table S2. Statistically significant differences in the relative abundance of bacterial families and genera in studied populations.

Taxonomic unit	Relative abundance in CAD group	Relative abundance in control group	p (adjusted for sex and age)
Families			
<i>Actinobacteria_Actinobacteria_Actinomycetales_Actinomycetaceae</i>	0.0281 (0.0164 - 0.0398)	0.0135 (0.0095 - 0.0175)	0.021
<i>Actinobacteria_Actinobacteria_Micrococcales_Micrococcaceae</i>	0.0152 (0.0108 - 0.0196)	0.0083 (0.0043 - 0.0123)	0.021
<i>Actinobacteria_Coriobacteriia_Coriobacteriales_Atopobiaceae</i>	0.0499 (0.0269 - 0.0729)	0.0175 (0.0096 - 0.0254)	0.009
<i>Bacteroidetes_Bacteroidia_Bacteroidales_Barnesiellaceae</i>	0.8394 (0.6557 - 1.0231)	1.2015 (0.9815 - 1.4215)	0.013
<i>Firmicutes_Bacilli_Lactobacillales_Lactobacillaceae</i>	1.4705 (0.751 - 2.19)	0.1491 (0.0828 - 0.2154)	<0.001
<i>Firmicutes_Bacilli_Lactobacillales_Streptococcaeae</i>	2.2671 (1.4527 - 3.0815)	0.9256 (0.5338 - 1.3174)	0.004
<i>Proteobacteria_Gammaproteobacteria_Enterobacteriales_Enterobacteriaceae</i>	5.4589 (3.1754 - 7.7424)	2.5555 (1.4063 - 3.7047)	0.026
Genera			
<i>Actinobacteria_Actinobacteria_Actinomycetales_Actinomycetaceae_Actinomyces</i>	0.028 (0.0163 - 0.0397)	0.0133 (0.0093 - 0.0173)	0.020
<i>Actinobacteria_Actinobacteria_Bifidobacteriales_Bifidobacteriaceae_Alloscardovia</i>	0.0045 (0.0013 - 0.0077)	0.0007 (0.0003 - 0.0011)	0.025
<i>Actinobacteria_Actinobacteria_Micrococcales_Micrococcaceae_Rothia</i>	0.0152 (0.0108 - 0.0196)	0.0083 (0.0043 - 0.0123)	0.021
<i>Actinobacteria_Coriobacteriia_Coriobacteriales_Atopobiaceae_Atopobium</i>	0.006 (0.0034 - 0.0086)	0.0021 (0.0013 - 0.0029)	0.003
<i>Bacteroidetes_Bacteroidia_Bacteroidales_Barnesiellaceae_Barnesiella</i>	0.7082 (0.5405 - 0.8759)	1.035 (0.822 - 1.248)	0.017
<i>Bacteroidetes_Bacteroidia_Bacteroidales_Barnesiellaceae_Copro bacter</i>	0.0766 (0.0554 - 0.0978)	0.1114 (0.0849 - 0.1379)	0.044
<i>Bacteroidetes_Bacteroidia_Bacteroidales_Prevotellaceae_Paraprevotella</i>	0.559 (0.4048 - 0.7132)	0.9423 (0.6885 - 1.1961)	0.011
<i>Firmicutes_Bacilli_Lactobacillales_Carnobacteriaceae_Carnobacterium</i>	0.0003 (0.0001 - 0.0005)	(0 - 0)	0.049
<i>Firmicutes_Bacilli_Lactobacillales_Lactobacillaceae_Lactobacillus</i>	1.4644 (0.7449 - 2.1839)	0.1461 (0.0806 - 0.2116)	<0.001
<i>Firmicutes_Bacilli_Lactobacillales_Streptococcaeae_Streptococcus</i>	2.2143 (1.4065 - 3.0221)	0.9119 (0.5201 - 1.3037)	0.005
<i>Firmicutes_Clostridia_Clostridiales_Clostridiales.vadinBB60.group_Ambiguous</i>	0.1537 (0.089 - 0.2184)	0.3323 (0.1832 - 0.4814)	0.029

<i>Firmicutes_Clostridia_Clostridiales_Family.XI_Peptoniphilus</i>	0.003 (0.0008 - 0.0052)	0.0006 (0 - 0.0012)	0.036
<i>Firmicutes_Clostridia_Clostridiales_Family.XII_I_Eubacterium.nodatum.group</i>	0.0059 (0.0033 - 0.0085)	0.0108 (0.0066 - 0.015)	0.046
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Coproccoccus.3</i>	0.0007 (0.0001 - 0.0013)	0.002 (0.0014 - 0.0026)	0.013
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Eubacterium.hallii.group</i>	0.0453 (0.0217 - 0.0689)	0.019 (0.0075 - 0.0305)	0.049
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_GCA.900066755</i>	0.001 (0.0006 - 0.0014)	0.0025 (0.0017 - 0.0033)	0.002
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Lachnospiraceae.NK4A136.group</i>	0.525 (0.365 - 0.685)	0.9508 (0.7558 - 1.1458)	<0.001
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Lachnospiraceae.UCG.006</i>	0.1738 (0.1213 - 0.2263)	0.2881 (0.234 - 0.3422)	0.003
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Lachnospiraceae.UCG.008</i>	0.4953 (0.4086 - 0.582)	0.7278 (0.6021 - 0.8535)	0.003
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Lachnospiraceae.UCG.010</i>	0.1136 (0.077 - 0.1502)	0.2182 (0.1691 - 0.2673)	<0.001
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Roseburia</i>	2.7577 (2.3439 - 3.1715)	3.3971 (2.9286 - 3.8656)	0.043
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Tyzzereella.3</i>	0.1266 (0.064 - 0.1892)	0.3635 (0.2146 - 0.5124)	0.004
<i>Firmicutes_Clostridia_Clostridiales_Lachnospiraceae_Uncultured</i>	0.5817 (0.4714 - 0.692)	0.8661 (0.7578 - 0.9744)	<0.001
<i>Firmicutes_Clostridia_Clostridiales_Peptococcaceae_Uncultured</i>	0.0182 (0.0136 - 0.0228)	0.0377 (0.0264 - 0.049)	0.002
<i>Firmicutes_Clostridia_Clostridiales_Peptostreptococcaceae_Peptostreptococcus</i>	0.0003 (0.0001 - 0.0005)	(0 - 0)	0.049
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Ambiguous</i>	0.0161 (0.0098 - 0.0224)	0.028 (0.0217 - 0.0343)	0.01
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Anaerofilum</i>	0.0039 (0.0027 - 0.0051)	0.0074 (0.0058 - 0.009)	<0.001
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Anaerotruncus</i>	0.01 (0.0062 - 0.0138)	0.0168 (0.0115 - 0.0221)	0.038
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Butyricoccus</i>	0.2359 (0.191 - 0.2808)	0.3172 (0.2568 - 0.3776)	0.033
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_DTU089</i>	0.0101 (0.0061 - 0.0141)	0.0203 (0.0152 - 0.0254)	0.002
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Faecalibacterium</i>	7.1013 (6.2404 - 7.9622)	8.8906 (8.1166 - 9.6646)	0.002
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Flavonifractor</i>	0.0521 (0.0325 - 0.0717)	0.0855 (0.0608 - 0.1103)	0.036
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Harryflintia</i>	0.0013 (0.0009 - 0.0017)	0.0028 (0.0014 - 0.0042)	0.039
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Intestinimonas</i>	0.0186 (0.0121 - 0.0251)	0.0356 (0.0198 - 0.0514)	0.049
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Oscillibacter</i>	0.1351 (0.0981 - 0.1721)	0.2792 (0.1978 - 0.3606)	0.001
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Phocaea</i>	0.004 (0.0024 - 0.0056)	0.0089 (0.0065 - 0.0113)	<0.001
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Ruminiclostridium</i>	0.0116 (0.008 - 0.0152)	0.0201 (0.0148 - 0.0254)	0.009
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Ruminiclostridium.6</i>	0.2491 (0.1648 - 0.3334)	0.5274 (0.404 - 0.6508)	<0.001
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Ruminococcaceae.UCG.009</i>	0.0153 (0.0109 - 0.0197)	0.0243 (0.0186 - 0.03)	0.013
<i>Firmicutes_Clostridia_Clostridiales_Ruminococcaceae_Ruminococcus.1</i>	0.8531 (0.7092 - 0.997)	1.2645 (1.0556 - 1.4734)	0.001

<i>Firmicutes_Clostridia_Clostridiales_Ruminococaceae_Uncultured</i>	0.7571 (0.6272 - 0.887)	1.0365 (0.887 - 1.186)	0.005
<i>Firmicutes_Erysipelotrichia_Erysipelotrichales_Erysipelotrichaceae_Holdemania</i>	0.0071 (0.0051 - 0.0091)	0.0152 (0.011 - 0.0194)	<0.001
<i>Proteobacteria_Alphaproteobacteria_Rhodospirillales_Uncultured_Uncultured.bacterium</i>	0.0109 (0.0004 - 0.0214)	0.0715 (0.0151 - 0.1279)	0.036

CAD – coronary artery disease group, CI - confidence interval. Mean values together with the 95% confidence intervals of the means are presented.

Supplementary Table S3. The influence of Firmicutes/Bacteroidetes ratio on targeted metabolomics (Biocrates) and biochemical test adjusted for age, sex, CAD status, statins treatment (and) LDL cholesterol concentration.

Metabolite, $\mu\text{mol/L}$	Group with F/B ratio ≤ 1.54 (n = 167)	Group with F/B ratio > 1.54 (n = 167)	P value (* adjusted for age, sex, CAD status, LDL cholesterol concentration, statins treatment ** adjusted for age, sex, CAD status, statins treatment)
Acylcarnitines C0	6228.025 (95% CI 5865.0888 - 6590.9612)	6442.4714 (95% CI 6050.7082 - 6834.2346)	0.394195
Acylcarnitines C10	91.9532 (95% CI 84.6052 - 99.3012)	104.1058 (95% CI 80.2349 - 127.9767)	0.310319
Acylcarnitines C12	45.0194 (95% CI 41.1505 - 48.8883)	58.4254 (95% CI 30.2225 - 86.6283)	0.333143
Acylcarnitines C14.1	56.8537 (95% CI 47.2186 - 66.4888)	52.9099 (95% CI 41.598 - 64.2218)	0.591831
Acylcarnitines C14.1.OH	16.0353 (95% CI 0.3343 - 31.7363)	78.7392 (95% CI -16.6523 - 174.1307)	0.201986
Acylcarnitines C14.2	32.3733 (95% CI 7.9631 - 56.7835)	53.3412 (95% CI 0.2622 - 106.4202)	0.538153
Acylcarnitines C16	62.5412 (95% CI 53.3689 - 71.7136)	95.8507 (95% CI 38.7063 - 152.9951)	0.232551
Acylcarnitines C16.1	23.6724 (95% CI 17.4194 - 29.9254)	38.0786 (95% CI 10.002 - 66.1552)	0.317191
Acylcarnitines C18	29.8955 (95% CI 21.5163 - 38.2747)	110.0393 (95% CI -49.4941 - 269.5727)	0.288166
Acylcarnitines C18.1	76.9662 (95% CI 69.0298 - 84.9026)	110.307 (95% CI 33.2622 - 187.3518)	0.36986
Acylcarnitines C18.2	31.2203 (95% CI 17.3391 - 45.1015)	71.8563 (95% CI -20.2222 - 163.9348)	0.369156
Acylcarnitines C2	1660.6125 (95% CI 1530.1463 - 1791.0787)	1532.2535 (95% CI 1404.6255 - 1659.8815)	0.168835
Acylcarnitines C3	84.4912 (95% CI 77.5442 - 91.4382)	82.3549 (95% CI 76.6111 - 88.0987)	0.658476
Acylcarnitines C3.1	8.1423 (95% CI -1.8246 - 18.1092)	20.2436 (95% CI -9.0578 - 49.545)	0.452543
Acylcarnitines C4	52.15 (95% CI 47.3346 - 56.9654)	56.2366 (95% CI 47.3424 - 65.1308)	0.408403
Acylcarnitines C4.1	14.1714 (95% CI 6.8735 - 21.4693)	5.0609 (95% CI 1.5167 - 8.6051)	0.053336

Acylcarnitines C5	42.7348 (95% CI 38.9288 - 46.5408)	44.618 (95% CI 41.4494 - 47.7866)	0.401277
Acylcarnitines C5.1.DC	8.948 (95% CI 4.9823 - 12.9137)	8.1004 (95% CI 5.9949 - 10.2059)	0.751624
Acylcarnitines C5.DC.C6.OH.	14.5848 (95% CI 8.3933 - 20.7763)	17.1242 (95% CI 8.7282 - 25.5202)	0.643354
Acylcarnitines C5.M.DC	15.48 (95% CI 11.9433 - 19.0167)	16.3322 (95% CI 11.2691 - 21.3953)	0.731803
Acylcarnitines C5.OH.C3.DC.M.	13.293 (95% CI 10.089 - 16.497)	13.26 (95% CI 10.9398 - 15.5802)	0.932428
Acylcarnitines C6.1	17.0942 (95% CI 1.4207 - 32.7677)	15.2214 (95% CI -3.2898 - 33.7326)	0.885145
Acylcarnitines C6.C4.1.DC.	30.4615 (95% CI 26.51 - 34.413)	45.3963 (95% CI 14.5008 - 76.2918)	0.410314
Acylcarnitines C7.DC	26.6438 (95% CI 18.7446 - 34.543)	40.4308 (95% CI 5.2973 - 75.5643)	0.425139
Acylcarnitines C8	69.7018 (95% CI 64.8356 - 74.568)	77.6435 (95% CI 68.3977 - 86.8893)	0.119552
Acylcarnitines C9	36.6891 (95% CI -9.3659 - 82.7441)	122.4595 (95% CI -71.3738 - 316.2928)	0.546283
Aminoacids Ala	38552.325 (95% CI 36194.2236 - 40910.4264)	813246.2394 (95% CI -723091.6358 - 2349584.1146)	0.294469
Aminoacids Arg	19561.275 (95% CI 18757.6407 - 20364.9093)	19592.9718 (95% CI 18686.6783 - 20499.2653)	0.951491
Aminoacids Asn	6243.8125 (95% CI 5950.2195 - 6537.4055)	18882.8873 (95% CI -6332.742 - 44098.5166)	0.2973
Aminoacids Asp	3483.7051 (95% CI 3199.2755 - 3768.1347)	32823.5942 (95% CI -25708.5615 - 91355.7499)	0.296448
Aminoacids Cit	5754.8375 (95% CI 5399.2632 - 6110.4118)	64159.0563 (95% CI -51228.1535 - 179546.2661)	0.29263
Aminoacids Gln	107208.0875 (95% CI 103710.8375 - 110705.3375)	109585.3521 (95% CI 105921.7866 - 113248.9176)	0.342918
Aminoacids Glu	11749.5584 (95% CI 10619.8854 - 12879.2314)	200781.3971 (95% CI -174099.778 - 575662.5722)	0.293221
Aminoacids Gly	20471.7375 (95% CI 19020.568 - 21922.907)	18799.3099 (95% CI 17609.0424 - 19989.5774)	0.086364
Aminoacids His	14484.2125 (95% CI 14016.6876 - 14951.7374)	14794.2113 (95% CI 14296.2985 - 15292.1241)	0.351484
Aminoacids Ile	11749.5625 (95% CI 11028.1554 - 12470.9696)	11978.1549 (95% CI 11294.5753 - 12661.7345)	0.598171
Aminoacids Leu	24346.975 (95% CI 23061.681 - 25632.269)	24764.5634 (95% CI 23607.3233 - 25921.8035)	0.580081
Aminoacids Lys	36647.325 (95% CI 35187.3209 - 38107.3291)	38373.8451 (95% CI 36626.601 - 40121.0892)	0.118937
Aminoacids Met	3705.2857 (95% CI 3535.2661 - 3875.3053)	3833.4923 (95% CI 3641.3188 - 4025.6658)	0.29102
Aminoacids Orn	12454.225 (95% CI 11656.6281 - 13251.8219)	12974.3803 (95% CI 12052.7471 - 13896.0135)	0.304364
Aminoacids Phe	12947.5625 (95% CI 12362.4412 - 13532.6838)	12773.8028 (95% CI 12231.2636 - 13316.342)	0.692633
Aminoacids Pro	20963.35 (95% CI 19672.5959 - 22254.1041)	22298.169 (95% CI 20728.8933 - 23867.4447)	0.154627
Aminoacids Ser	15089.95 (95% CI 14425.9148 - 15753.9852)	14558.4507 (95% CI 13963.228 - 15153.6733)	0.245737
Aminoacids Thr	14448.2 (95% CI 13723.6285 - 15172.7715)	181938.4507 (95% CI -149073.5731 - 512950.4745)	0.292781
Aminoacids Trp	13913.625	14120.7606 (95% CI 13627.7602 - 14573.7610)	0.501583

	(95% CI 13432.9182 - 14394.3318)	14613.761)	
Aminoacids Tyr	14134.9625 (95% CI 13441.3327 - 14828.5923)	14351.3803 (95% CI 13635.0555 - 15067.7051)	0.59819
Aminoacids Val	32503.6875 (95% CI 30915.7758 - 34091.5992)	33617.507 (95% CI 32035.7369 - 35199.2771)	0.297339
Biogenic.Amines Ac.Orn	50.9478 (95% CI 50.6051 - 51.2905)	50.7077 (95% CI 50.4968 - 50.9186)	0.565192
Biogenic.Amines ADMA	109.414 (95% CI 103.2287 - 115.5993)	3453.5489 (95% CI -3168.2683 - 10075.3661)	0.307849
Biogenic.Amines alpha.AAA	224.2831 (95% CI 205.3335 - 243.2327)	218.0236 (95% CI 198.7948 - 237.2524)	0.6967
Biogenic.Amines c4.OH.Pro	8.0352 (95% CI 7.8356 - 8.2348)	7.9012 (95% CI 7.8075 - 7.9949)	0.391707
Biogenic.Amines Carnosine	34.0396 (95% CI 28.0097 - 40.0695)	38.5341 (95% CI 32.388 - 44.6802)	0.332668
Biogenic.Amines Creatinine	9456.5844 (95% CI 9014.3924 - 9898.7764)	112214.4925 (95% CI -91269.5955 - 315698.5805)	0.288438
Biogenic.Amines DOPA	51.3125 (95% CI 50.4732 - 52.1518)	90.0511 (95% CI 12.8719 - 167.2303)	0.323331
Biogenic.Amines Dopamine	67.3792 (95% CI 59.4067 - 75.3517)	72.5978 (95% CI 64.3976 - 80.798)	0.401899
Biogenic.Amines Histamine	48.1688 (95% CI 40.8147 - 55.5229)	53.7341 (95% CI 46.1994 - 61.2688)	0.326598
Biogenic.Amines Kynurenine	658.0274 (95% CI 625.0558 - 690.999)	670.0156 (95% CI 634.479 - 705.5522)	0.564147
Biogenic.Amines Met.SO	90.6043 (95% CI 78.6099 - 102.5987)	93.4455 (95% CI 82.1894 - 104.7016)	0.599824
Biogenic.Amines Nitro.Tyr	53.8042 (95% CI 46.2891 - 61.3193)	59.8364 (95% CI 52.2025 - 67.4703)	0.291585
Biogenic.Amines Putrescine	16.4222 (95% CI 15.1851 - 17.6593)	151.9271 (95% CI -115.8148 - 419.669)	0.287407
Biogenic.Amines Sarcosine	157.7667 (95% CI 141.4563 - 174.0771)	2786.28 (95% CI -2437.9506 - 8010.5106)	0.303657
Biogenic.Amines SDMA	124.9559 (95% CI 117.3937 - 132.5181)	3881.7786 (95% CI -3555.9774 - 11319.5346)	0.278513
Biogenic.Amines Serotonin	108.2559 (95% CI 91.9847 - 124.5271)	1733.7544 (95% CI -1505.4068 - 4972.9156)	0.282177
Biogenic.Amines Spermidine	34.1208 (95% CI 31.7143 - 36.5273)	58.2422 (95% CI 14.8909 - 101.5935)	0.270366
Biogenic.Amines Spermine	32.1 (95% CI 28.0818 - 36.1182)	39.4542 (95% CI 24.5973 - 54.3111)	0.47012
Biogenic.Amines t4.OH.Pro	1655.9125 (95% CI 1458.0555 - 1853.7695)	1704.3521 (95% CI 1513.3647 - 1895.3395)	0.713953
Biogenic.Amines Taurine	16431.5375 (95% CI 15653.9588 - 17209.1162)	18388.9296 (95% CI 14519.3124 - 22258.5468)	0.298395
Glycerophospholipids lysoPC.a.C14.0	2358.4625 (95% CI 2040.1591 - 2676.7659)	2334.9577 (95% CI 2066.2628 - 2603.6526)	0.91158
Glycerophospholipids lysoPC.a.C16.0	40229.875 (95% CI 37904.5612 - 42555.1888)	38141.7465 (95% CI 35774.3484 - 40509.1446)	0.220651
Glycerophospholipids lysoPC.a.C16.1	1138.8375 (95% CI 1045.7929 - 1231.8821)	1142 (95% CI 924.8712 - 1359.1288)	0.970598
Glycerophospholipids lysoPC.a.C17.0	688.675 (95% CI 571.0064 - 806.3436)	778.7465 (95% CI 535.399 - 1022.094)	0.499013
Glycerophospholipids lysoPC.a.C18.0	13684.75 (95% CI 12887.7295 - 14481.7705)	13559.1549 (95% CI 12094.8194 - 15023.4904)	0.88543
Glycerophospholipids lysoPC.a.C18.1	9342.2375 (95% CI 8662.4885 - 10021.9865)	8919.6197 (95% CI 8323.4217 - 9515.8177)	0.366214

Glycerophospholipids	11223.5625	11336.8732	
lysoPC.a.C18.2	(95% CI 10340.8199 - 12106.3051)	(95% CI 10414.7159 - 12259.0305)	0.872987
Glycerophospholipids	936.8228	950.9296	
lysoPC.a.C20.3	(95% CI 873.0539 - 1000.5917)	(95% CI 863.1235 - 1038.7357)	0.790362
Glycerophospholipids	3228.15	2971.0845	
lysoPC.a.C20.4	(95% CI 2865.5894 - 3590.7106)	(95% CI 2708.6008 - 3233.5682)	0.273605
Glycerophospholipids	1297.4	9282	
lysoPC.a.C24.0	(95% CI -933.8036 - 3528.6036)	(95% CI -7620.1207 - 26184.1207)	0.171411
Glycerophospholipids	269.9651	666.8808	
lysoPC.a.C26.1	(95% CI 18.7395 - 521.1907)	(95% CI -378.1937 - 1711.9553)	0.380124
Glycerophospholipids	459.8121	475.3304	
lysoPC.a.C28.1	(95% CI -106.597 - 1026.2212)	(95% CI -172.8129 - 1123.4737)	0.955654
Glycerophospholipids	1802.725	1811.9014	
PC.aa.C28.1	(95% CI 1693.8054 - 1911.6446)	(95% CI 1677.0125 - 1946.7903)	0.92576
Glycerophospholipids	2564.1125	2573.9577	
PC.aa.C30.0	(95% CI 2361.748 - 2766.477)	(95% CI 2346.7416 - 2801.1738)	0.970562
Glycerophospholipids	10164.8	9771.2113	
PC.aa.C32.0	(95% CI 9466.136 - 10863.464)	(95% CI 9084.5633 - 10457.8593)	0.416248
Glycerophospholipids	10617.8375	9894.9155	
PC.aa.C32.1	(95% CI 9270.8748 - 11964.8002)	(95% CI 8754.8834 - 11034.9476)	0.421334
Glycerophospholipids	2545.1125	2368.3239	
PC.aa.C32.2	(95% CI 2247.2752 - 2842.9498)	(95% CI 2122.4897 - 2614.1581)	0.345754
Glycerophospholipids	260.3975	257.5493	
PC.aa.C32.3	(95% CI 243.383 - 277.412)	(95% CI 237.0508 - 278.0478)	0.810979
Glycerophospholipids	170534.225	158411.831	
PC.aa.C34.1	(95% CI 158650.3246 - 182418.1254)	(95% CI 147075.2959 - 169748.3661)	0.148277
Glycerophospholipids	254021.725	236396.1408	
PC.aa.C34.2	(95% CI 238074.3688 - 269969.0812)	(95% CI 218825.0343 - 253967.2473)	0.128968
Glycerophospholipids	10241.6375	9698.507	
PC.aa.C34.3	(95% CI 9478.2352 - 11005.0398)	(95% CI 8783.0057 - 10614.0083)	0.359569
Glycerophospholipids	1063.0125	983.3803	
PC.aa.C34.4	(95% CI 970.0927 - 1155.9323)	(95% CI 904.5878 - 1062.1728)	0.192577
Glycerophospholipids	2406.5395	2461.6812	
PC.aa.C36.0	(95% CI 2039.7807 - 2773.2983)	(95% CI 1625.1668 - 3298.1956)	0.929583
Glycerophospholipids	42879.1125	42165.6479	
PC.aa.C36.1	(95% CI 40399.2156 - 45359.0094)	(95% CI 39188.9585 - 45142.3373)	0.706492
Glycerophospholipids	185946.1375	179501.8286	
PC.aa.C36.2	(95% CI 174650.7527 - 197241.5223)	(95% CI 167021.754 - 191981.9032)	0.425394
Glycerophospholipids	90408.075	87346.9437	
PC.aa.C36.3	(95% CI 85616.6439 - 95199.5061)	(95% CI 81957.7278 - 92736.1596)	0.386101
Glycerophospholipids	25307.925	22105.6714	
PC.aa.C36.5	(95% CI 22099.7639 - 28516.0861)	(95% CI 19291.0737 - 24920.2691)	0.147414
Glycerophospholipids	797.4875	701.7183	
PC.aa.C36.6	(95% CI 719.2359 - 875.7391)	(95% CI 630.2294 - 773.2072)	0.076595
Glycerophospholipids	2732.0625	2572.3239	
PC.aa.C38.0	(95% CI 2564.4804 - 2899.6446)	(95% CI 2382.8145 - 2761.8333)	0.206856
Glycerophospholipids	1145.7375	1201.5882	
PC.aa.C38.1	(95% CI 1043.2509 - 1248.2241)	(95% CI 889.3812 - 1513.7952)	0.722978
Glycerophospholipids	38180.6125	37374.8571	
PC.aa.C38.3	(95% CI 35895.9622 - 40465.2628)	(95% CI 34942.281 - 39807.4332)	0.628198
Glycerophospholipids	93945.15	86085.5143	
PC.aa.C38.4	(95% CI 87855.9105 - 100034.3895)	(95% CI 80338.0398 - 91832.9888)	0.068258
Glycerophospholipids	401.0556	549.8	
PC.aa.C40.1	(95% CI 333.5327 - 468.5786)	(95% CI 241.6704 - 857.9296)	0.260205
Glycerophospholipids	271.61	247.6394	
PC.aa.C40.2	(95% CI 244.7426 - 298.4774)	(95% CI 207.4832 - 287.7956)	0.31349
Glycerophospholipids	572.6125	522.8592	0.353426

PC.aa.C40.3	(95% CI 495.2151 - 650.0099)	(95% CI 449.2072 - 596.5112)	
Glycerophospholipids	2242.1875	2206.9577	
PC.aa.C40.4	(95% CI 2076.1279 - 2408.2471)	(95% CI 2048.2704 - 2365.645)	0.757802
Glycerophospholipids	8391.5875	7985.6479	
PC.aa.C40.5	(95% CI 7824.5597 - 8958.6153)	(95% CI 7337.11 - 8634.1858)	0.353549
Glycerophospholipids	474.1625	500.9296	
PC.aa.C42.0	(95% CI 439.7747 - 508.5503)	(95% CI 452.8699 - 548.9893)	0.366453
Glycerophospholipids	228.8725	221.6761	
PC.aa.C42.1	(95% CI 185.8176 - 271.9274)	(95% CI 194.1808 - 249.1714)	0.779071
Glycerophospholipids	196.2785	194.2225	
PC.aa.C42.2	(95% CI 181.4416 - 211.1154)	(95% CI 136.1693 - 252.2757)	0.932799
Glycerophospholipids	136.6225	135.3114	
PC.aa.C42.4	(95% CI 127.9267 - 145.3183)	(95% CI 114.9831 - 155.6397)	0.892175
Glycerophospholipids	337.3875	321	
PC.aa.C42.5	(95% CI 308.2558 - 366.5192)	(95% CI 281.776 - 360.224)	0.493012
Glycerophospholipids	445.275	403.8592	
PC.aa.C42.6	(95% CI 338.5389 - 552.0111)	(95% CI 335.1419 - 472.5765)	0.526649
Glycerophospholipids	64.8688	67.6423	
PC.ae.C30.2	(95% CI 53.803 - 75.9346)	(95% CI 53.7225 - 81.5621)	0.766774
Glycerophospholipids	1962.2875	1941.2143	
PC.ae.C32.1	(95% CI 1788.0148 - 2136.5602)	(95% CI 1794.7755 - 2087.6531)	0.842423
Glycerophospholipids	496.75	458.5493	
PC.ae.C32.2	(95% CI 459.39 - 534.11)	(95% CI 427.6599 - 489.4387)	0.118968
Glycerophospholipids	6247.075	6461.7606	
PC.ae.C34.1	(95% CI 5902.1273 - 6592.0227)	(95% CI 6027.2765 - 6896.2447)	0.450872
Glycerophospholipids	7659.7125	8234.493	
PC.ae.C34.2	(95% CI 7150.7521 - 8168.6729)	(95% CI 7609.7149 - 8859.2711)	0.156834
Glycerophospholipids	5057.775	5134.3944	
PC.ae.C34.3	(95% CI 4670.2545 - 5445.2955)	(95% CI 4677.1182 - 5591.6706)	0.813931
Glycerophospholipids	590.5125	605.662	
PC.ae.C36.0	(95% CI 546.4987 - 634.5263)	(95% CI 495.3703 - 715.9537)	0.803479
Glycerophospholipids	5110.2	5060.1429	
PC.ae.C36.1	(95% CI 4705.5326 - 5514.8674)	(95% CI 4697.9736 - 5422.3122)	0.847816
Glycerophospholipids	8481.625	8715.8571	
PC.ae.C36.2	(95% CI 7812.6769 - 9150.5731)	(95% CI 8058.1548 - 9373.5594)	0.634967
Glycerophospholipids	4989.775	5516.3521	
PC.ae.C36.3	(95% CI 4643.6637 - 5335.8863)	(95% CI 5079.1649 - 5953.5393)	0.060857
Glycerophospholipids	15137.6125	15786.3714	
PC.ae.C36.4	(95% CI 14096.7031 - 16178.5219)	(95% CI 14657.0129 - 16915.7299)	0.410425
Glycerophospholipids	10000.1	9352.5352	
PC.ae.C36.5	(95% CI 9360.9453 - 10639.2547)	(95% CI 8694.2888 - 10010.7816)	0.163502
Glycerophospholipids	363.6683	253.46	
PC.ae.C38.1	(95% CI 83.7939 - 643.5427)	(95% CI 153.9858 - 352.9342)	0.472775
Glycerophospholipids	1071.1875	1155.7887	
PC.ae.C38.2	(95% CI 876.5941 - 1265.7809)	(95% CI 894.9811 - 1416.5963)	0.613557
Glycerophospholipids	2393.1625	2457.1549	
PC.ae.C38.3	(95% CI 2134.4965 - 2651.8285)	(95% CI 2297.2408 - 2617.069)	0.698342
Glycerophospholipids	9345.9875	10152.7324	
PC.ae.C38.4	(95% CI 8824.3929 - 9867.5821)	(95% CI 9501.8143 - 10803.6505)	0.056673
Glycerophospholipids	14023.25	13881.6197	
PC.ae.C38.5	(95% CI 13208.0733 - 14838.426)	(95% CI 13029.6974 - 14733.542)	0.793575
Glycerophospholipids	6516.375	6244.8169	
PC.ae.C38.6	(95% CI 6125.4466 - 6907.3034)	(95% CI 5829.9827 - 6659.6511)	0.33361
Glycerophospholipids	1028.8125	919.5143	
PC.ae.C40.1	(95% CI 932.2061 - 1125.4189)	(95% CI 859.1746 - 979.854)	0.063922
Glycerophospholipids	1353.775	1421.4789	
PC.ae.C40.2	(95% CI 1216.7212 - 1490.8288)	(95% CI 1260.8924 - 1582.0654)	0.530456

Glycerophospholipids	572.2	626.7746	
PC.ae.C40.3	(95% CI 546.1666 - 598.2334)	(95% CI 566.4923 - 687.0569)	0.091534
Glycerophospholipids	1379.55	1485.7887	
PC.ae.C40.4	(95% CI 1304.7507 - 1454.3493)	(95% CI 1396.2462 - 1575.3312)	0.073128
Glycerophospholipids	2369.5375	2469.8169	
PC.ae.C40.5	(95% CI 2260.2096 - 2478.8654)	(95% CI 2293.3157 - 2646.3181)	0.334997
Glycerophospholipids	3527.9625	3464.5352	
PC.ae.C40.6	(95% CI 3319.9962 - 3735.9288)	(95% CI 3194.9875 - 3734.0829)	0.702044
Glycerophospholipids	391.1786	413.725	
PC.ae.C42.0	(95% CI 309.1357 - 473.2215)	(95% CI 282.6848 - 544.7652)	0.795569
Glycerophospholipids	266.08	253.4429	
PC.ae.C42.1	(95% CI 249.7442 - 282.4158)	(95% CI 225.0806 - 281.8052)	0.421277
Glycerophospholipids	453.6125	444.1972	
PC.ae.C42.2	(95% CI 396.5162 - 510.7088)	(95% CI 405.9513 - 482.4431)	0.773234
Glycerophospholipids	584.1875	549.6479	
PC.ae.C42.3	(95% CI 499.6528 - 668.7222)	(95% CI 496.6083 - 602.6875)	0.489653
Glycerophospholipids	549.1282	603.5294	
PC.ae.C42.4	(95% CI 504.4966 - 593.7598)	(95% CI 559.8266 - 647.2322)	0.092739
Glycerophospholipids	1509.2375	1566.2113	
PC.ae.C42.5	(95% CI 1398.6432 - 1619.8318)	(95% CI 1471.2923 - 1661.1303)	0.452173
Glycerophospholipids	74.4938	113.8971	
PC.ae.C44.3	(95% CI 69.7341 - 79.2535)	(95% CI 59.9049 - 167.8893)	0.128614
Glycerophospholipids	353.325	343.338	
PC.ae.C44.4	(95% CI 259.429 - 447.221)	(95% CI 315.0028 - 371.6732)	0.84461
Glycerophospholipids	1350.15	1426.5143	
PC.ae.C44.5	(95% CI 1259.1496 - 1441.1504)	(95% CI 1322.3885 - 1530.6401)	0.275664
Glycerophospholipids	904.3875	948.5493	
PC.ae.C44.6	(95% CI 834.4996 - 974.2754)	(95% CI 861.4148 - 1035.6838)	0.436031
Sphingolipids	100737.6375	99224.338	
SM.C16.0	(95% CI 95679.9984 - 105795.2766)	(95% CI 92138.5688 - 106310.1072)	0.714396
Sphingolipids	14226.7	13382.7042	
SM.C16.1	(95% CI 13425.0443 - 15028.3557)	(95% CI 12460.2143 - 14305.1941)	0.162311
Sphingolipids	24655.65	23006.4366	
SM.C18.0	(95% CI 22811.1951 - 26500.1049)	(95% CI 20958.1333 - 25054.7399)	0.234845
Sphingolipids	11336.5375	10500.7042	
SM.C18.1	(95% CI 10635.1092 - 12037.9658)	(95% CI 9722.6177 - 11278.7907)	0.111441
Sphingolipids	275.6228	289.9314	
SM.C20.2	(95% CI 248.6863 - 302.5593)	(95% CI 200.7187 - 379.1441)	0.759218
Sphingolipids	20245.7625	20607.169	
SM.C24.0	(95% CI 17585.9426 - 22905.5824)	(95% CI 17096.9232 - 24117.4148)	0.883505
Sphingolipids	137.3138	142.4141	
SM.C26.0	(95% CI 77.5855 - 197.0421)	(95% CI 95.5245 - 189.3037)	0.904056
Sphingolipids	390.7625	452.0563	
SM.C26.1	(95% CI 348.9633 - 432.5617)	(95% CI 290.9744 - 613.1382)	0.450355
Sphingolipids	4600.2625	4680.0563	
SM.OH.C14.1	(95% CI 4054.6319 - 5145.8931)	(95% CI 4247.0782 - 5113.0344)	0.833738
Sphingolipids	2664.7625	3049.3239	
SM.OH.C16.1	(95% CI 2454.5316 - 2874.9934)	(95% CI 2456.0848 - 3642.563)	0.211839
Sphingolipids	10615.35	11791.5775	
SM.OH.C22.1	(95% CI 10030.0392 - 11200.6608)	(95% CI 10230.7314 - 13352.4236)	0.150316
Sphingolipids	10787.3625	10692.7183	
SM.OH.C22.2	(95% CI 10202.2733 - 11372.4517)	(95% CI 9736.7359 - 11648.7007)	0.845789
Sphingolipids	1147.275	1266.1127	
SM.OH.C24.1	(95% CI 983.7129 - 1310.8371)	(95% CI 1015.2182 - 1517.0072)	0.431075

CI - confidence interval. Mean values together with the 95% confidence intervals of the means are presented.