**Supplementary material**

**Table S1**

Patient characteristics of 637 RTR across tertiles of EPA-DHA intake (En%)

**Table S2**

Patient characteristics of 637 RTR across tertiles of ALA intake (En%)

**Table S1.** Patient characteristics of 637 RTR across tertiles of EPA-DHA intake (En%)

(Mean and standard deviations; medians and quartiles, numbers and percentages)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** | **Tertile I**  **N=212** | | | **Tertile II**  **N=213** | | | **Tertile III**  **N=212** | | | **P** |
| **Mean** |  | **SD** | **Mean** |  | **SD** | **Mean** |  | **SD** |
| *N-3 fatty acid intake*  EPA-DHA intake, En%  Median  IQR  EPA-DHA intake cut-off points, En%  EPA-DHA intake, mg/d  Median  IQR  *Demographics*  Age, yr  Gender (% male)  BMI, kg/m2  BSA, m2  Smoking behavior (current) n (%)  Never  Ever  Current  Diabetes (yes)  n  %  *Haemodynamic parameters*  SBP, mmHg  DBP, mmHg  MAP, mmHg  Heart rate, bpm  *Dietary intake (FFQ)*  Energy intake  Kcal/d  KJ/d  Total fat intake, g/d  Total protein intake, g/d  Total carbohydrates, g/d  Alcohol intake (%)  0 g/d  0-10 g/d  10-30 g/d  >30 g/d  *Medication use*  Antihypertensives, (%)  Statines, (%)  *Renal function parameters*  Serum creatinine, µmol/l  Median  IQR  eGFR, ml/min per 1.73 m2  Proteinuria ≥0.5 g/d  n  %  Albumin excretion, mg/24h  Median  IQR  *Serum parameters*  Albumin, g/l  Cholesterol, mmol/l  LDL cholesterol, mmol/l  HDL cholesterol, mmol/l  Triglycerides, mmol/l  Median  IQR  HbA1c, %  Hs-CRP, mg/l  Median  IQR | 51  26  1.9  135  82  100  69  2303  9646  95  82  269  55  43  5.0  2.9  1.4  5.9 | 0.01  0.00-0.01  <0.02  13.9  0.0-29.9  60  51  35  14  49  23  13  68  14  5  89  51  122  98-162  49  23  37  9-186  1.7  1.3-2.3  1.4  0.6-3.8 | 13  5  0.2  16  10  11  13  731  3061  41  21  88  21  3  1.1  0.9  0.5  0.7 | 53  27  1.9  137  83  101  69  2185  9157  88  83  251  53  43  5.1  3.0  1.4  6.0 | 0.04  0.03-0.05  0.02-0.07  92.3  57.3-124.3  57  38  51  11  56  26  9  62  24  4  87  49  126  101-159  46  22  50  10-184  1.7  1.2-2.3  1.6  0.6-4.5 | 12  5  0.2  17  11  12  11  578  2411  30  20  69  20  3  1.1  0.9  0.5  0.9 | 54  27  2.0  136  83  101  68  2039  8548  82  82  227  50  43  5.2  3.0  1.4  6.0 | 0.11  0.09-0.16  >0.07  258.1  196.4-348.5  54  35  52  14  49  23  7  60  28  5  87  59  126  103-160  44  21  41  11-128  1.7  1.2-2.2  1.7  0.8-5.0 | 12  5  0.2  19  11  13  12  565  2362  29  19  70  19  3  1.2  1.0  0.5  0.8 | <0.001  <0.001  0.04  0.42  0.17  0.72  0.01  0.68  0.30  0.22  0.22  0.92  <0.001  <0.001  <0.001  0.76  <0.001  0.02  0.80  0.25  0.56  0.06  0.85  0.27  0.86  0.12  0.39  0.23  0.92  0.35  0.26 |

Abbreviations: EPA-DHA, eicosapentaenoic acid-docosahexaenoic acid; En%, Energy Percentage; BMI, Body mass index; BSA, Body surface area; SBP, systolic blood pressure; DBP, diastolic blood pressure; MAP, mean arterial pressure; FFQ, Food Frequency Questionnaire; eGFR, estimated glomerular filtration rate; LDL, low density lipoprotein; HDL, High density lipoprotein; HbA1c, glycated hemoglobin; Hs-CRP, High-sensitive C-reactive protein

**Table S2.** Patient characteristics of 637 RTR across tertiles of ALA intake (En%).

(Mean and standard deviations; medians and quartiles, numbers and percentages)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** | **Tertile I**  **N=212** | | | **Tertile II**  **N=213** | | | **Tertile III**  **N=212** | | | **P** |
| **Mean** |  | **SD** | **Mean** |  | **SD** | **Mean** |  | **SD** |
| *N-3 fatty acid intake*  ALA intake, En%  Median  IQR  ALA intake cut-off points, En%  ALA intake, g/d  Median  IQR  *Demographics*  Age, yr  Gender (% male)  BMI, kg/m2  BSA, m2  Smoking behavior (current) n (%)  Never  Ever  Current  Diabetes (yes)  n  %  *Haemodynamic parameters*  SBP, mmHg  DBP, mmHg  MAP, mmHg  Heart rate, bpm  *Dietary intake (FFQ)*  Energy intake  Kcal/d  KJ/d  Total fat intake, g/d  Total protein intake, g/d  Total carbohydrates, g/d  Alcohol intake (%)  0 g/d  0-10 g/d  10-30 g/d  >30 g/d  *Medication use*  Antihypertensives, (%)  Statines, (%)  *Renal function parameters*  Serum creatinine, µmol/l  Median  IQR  eGFR, ml/min per 1.73 m2  Proteinuria ≥0.5 g/d  n  %  Albumin excretion, mg/24h  Median  IQR  *Serum parameters*  Albumin, g/l  Cholesterol, mmol/l  LDL cholesterol, mmol/l  HDL cholesterol, mmol/l  Triglycerides, mmol/l  Median  IQR  HbA1c, %  Hs-CRP, mg/l  Median  IQR | 55  26  1.9  137  82  100  68  2056  8619  77  81  245  51  43  5.2  3.0  1.5  6.0 | 0.38  0.33-0.42  <0.45  0.81  0.65-0.98  60  40  45  15  55  26  16  57  23  5  89  52  123  98-156  46  22  44  10-165  1.7  1.2-2.2  1.4  0.6-3.5 | 12  4  0.2  18  11  12  12  546  2286  26  19  76  19  3  1.2  1.0  0.5  0.9 | 51  26  1.9  136  83  101  68  2152  9020  86  80  251  53  43  5.1  3.0  1.4  5.9 | 0.52  0.48-0.55  0.45-0.60  1.19  0.97-1.50  56  40  47  14  43  20  3  69  24  4  86  56  125  99-168  52  25  51  13-214  1.7  1.2-2.3  1.7  0.7-5.0 | 12  5  0.2  17  11  12  12  581  2436  27  19  80  20  3  1.1  0.9  0.5  0.7 | 52  27  2.0  136  84  101  70  2318  9713  102  85  251  53  43  5.1  3.0  1.3  6.0 | 0.71  0.65-0.81  >0.60  1.83  1.43-2.20  64  45  46  10  56  26  10  65  19  6  90  51  124  103-155  41  19  32  8-130  1.7  1.3-2.5  1.6  0.7-5.1 | 13  5  0.2  17  11  12  12  742  3097  42  22  78  21  3  1.1  0.9  0.4  0.8 | <0.001  <0.001  0.01  0.03  0.11  0.02  0.49  0.25  0.71  0.10  0.64  0.38  <0.001  <0.001  <0.001  0.03  0.66  0.01  0.38  0.69  0.85  0.59  0.43  0.13  0.59  0.74  0.83  0.01  0.64  0.24  0.40 |

Abbreviations: ALA, α-linolenic acid; En%, Energy Percentage; BMI, Body mass index; BSA, Body surface area; SBP, systolic blood pressure; DBP, diastolic blood pressure; MAP, mean arterial pressure; FFQ, Food Frequency Questionnaire; eGFR, estimated glomerular filtration rate; LDL, low density lipoprotein; HDL, High density lipoprotein; HbA1c, glycated hemoglobin; Hs-CRP, High-sensitive C-reactive protein