Tables for manuscript

## Table 2: Characteristics of study population CRC1

|  |  |  |
| --- | --- | --- |
|  | Cncr\_Caco\_Clrt: 0 (N = 492) | Cncr\_Caco\_Clrt: 1 (N = 496) |
| **Sex** |  |  |
| Female | 189 (38) | 190 (38) |
| Male | 303 (62) | 306 (62) |
| **Age at blood collection** |  |  |
| mean | 56.55 ± 7.96 | 56.55 ± 8.01 |
| **Height** |  |  |
| mean (sd) | 163.35 ± 9.31 | 164.17 ± 9.02 |
| **Weight** |  |  |
| mean (sd) | 70.98 ± 11.76 | 73.03 ± 13.85 |
| **BMI** |  |  |
| mean (sd) | 26.58 ± 3.72 | 27.06 ± 4.51 |
| **Total energy intake** |  |  |
| mean (sd) | 2,163.31 ± 622.15 | 495; NA ± NA |
| **Country** |  |  |
| France | 24 (5) | 24 (5) |
| Italy | 205 (42) | 206 (42) |
| Germany | 114 (23) | 116 (23) |
| Spain | 45 (9) | 45 (9) |
| Netherlands | 40 (8) | 40 (8) |
| UK | 23 (5) | 24 (5) |
| Greece | 41 (8) | 41 (8) |
| **Physical activity** |  |  |
| mean (sd) | 491; NA ± NA | 91.31 ± 55.83 |
| **Smoking status** |  |  |
| Never smoker | 260 (53) | 241 (49) |
| Non-smoker | 137 (28) | 149 (30) |
| Smoker | 92 (19) | 102 (21) |
| Unknown | 3 (1) | 4 (1) |
| **WCRF score** |  |  |
| mean (sd) | 479; NA ± NA | 480; NA ± NA |

## Table 2: Characteristics of study population CRC1

|  |  |  |
| --- | --- | --- |
|  | Cncr\_Caco\_Clrt: 0 (N = 1,185) | Cncr\_Caco\_Clrt: 1 (N = 1,185) |
| **Sex** |  |  |
| Female | 577 (49) | 577 (49) |
| Male | 608 (51) | 608 (51) |
| **Age at blood collection** |  |  |
| mean | 57.22 ± 7.61 | 57.33 ± 7.60 |
| **Height** |  |  |
| mean (sd) | 166.30 ± 9.21 | 166.70 ± 9.38 |
| **Weight** |  |  |
| mean (sd) | 73.16 ± 13.44 | 75.57 ± 14.28 |
| **BMI** |  |  |
| mean (sd) | 26.39 ± 3.97 | 27.14 ± 4.34 |
| **Total energy intake** |  |  |
| mean (sd) | 2,166.43 ± 649.86 | 1,180; NA ± NA |
| **Country** |  |  |
| France | 28 (2) | 28 (2) |
| Italy | 184 (16) | 184 (16) |
| Germany | 203 (17) | 203 (17) |
| Spain | 198 (17) | 198 (17) |
| Netherlands | 99 (8) | 99 (8) |
| UK | 44 (4) | 44 (4) |
| Greece | 122 (10) | 122 (10) |
| **Physical activity** |  |  |
| mean (sd) | 1,164; NA ± NA | 1,163; NA ± NA |
| **Smoking status** |  |  |
| Never smoker | 533 (45) | 480 (41) |
| Non-smoker | 359 (30) | 388 (33) |
| Smoker | 279 (24) | 300 (25) |
| Unknown | 14 (1) | 17 (1) |
| **WCRF score** |  |  |
| mean (sd) | 1,140; NA ± NA | 1,127; NA ± NA |

## Table 2: Characteristics of the study population all EPIC, see CRC\_models.R

|  |  |
| --- | --- |
|  | fullepic (N = 491,992) |
| **Sex** |  |
| Female | 148,007 (30) |
| Male | 343,985 (70) |
| **Height** |  |
| mean (sd) | 165.99 ± 8.95 |
| **Weight** |  |
| mean (sd) | 70.25 ± 13.72 |
| **BMI** |  |
| mean (sd) | 25.44 ± 4.30 |
| **Total energy intake** |  |
| mean (sd) | 485,793; NA ± NA |
| **Country** |  |
| France | 68,757 (14) |
| Italy | 46,353 (9) |
| Germany | 40,791 (8) |
| Spain | 81,678 (17) |
| Netherlands | 37,394 (8) |
| UK | 26,916 (5) |
| Greece | 49,547 (10) |
| **Physical activity** |  |
| mean (sd) | 423,825; NA ± NA |
| **Smoking status** |  |
| Never smoker | 239,307 (49) |
| Non-smoker | 130,798 (27) |
| Smoker | 110,191 (22) |
| Unknown | 11,696 (2) |
| **WCRF score** |  |
| mean (sd) | 397,634; NA ± NA |

## Table 4: Compounds most contributing to metabolic signatures of WCRF score and importance in the PLS model