Table S1. Prevalence of underweight in boys from Krakow in two subsequent cohorts by age according to two independent methods (IOTF, CDC).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | 1983 |  | 2010 | Differences between series 2010-1983 (pp) |
|  |  | IOTF | CDC |  | IOTF | CDC |
|  |  | Thinness Grade 3 | Thinness Grade 2 | Thinness Grade 1 | Thinness total | Thinness < 3 percentile | Thinness <5 percentile | Thinness Total |  | Thinness Grade3 | Thinness Grade 2 | Thinness Grade 1 | Thinness total | Thinness< 3 percentile | Thinness<5 percentile | Thinness Total | IOTF | CDC |
| Age(years) | N | n % | n % | n % | n % | n % | n % | n % | N | n % | n % | n % | n % | n % | n % | n % |  |  |
| 3·5 | 45 | 12·2 | 00 | 613·3 | 715·5 | 24·4 | 12·2 | 36·7 | 63 | 00 | 11·6 | 57·9 | 69·5 | 11·6 | 11·6 | 23·2 | -6·0 | -3·5 |
| 4·5 | 173 | 00 | 52·9 | 95·2 | 148·1 | 74·1 | 21·2 | 95·2 | 128 | 10·8 | 21·6 | 1310·2 | 1612·6 | 43·2 | 00 | 43·2 | 4·3 | -2·2 |
| 5·5 | 153 | 00 | 21·3 | 85·2 | 106·5 | 42·6 | 00 | 42·6 | 129 | 00 | 53·9 | 97·0 | 1410·9 | 86·2 | 21·6 | 107·8 | 4·3 | 5·1\* |
| 6·5 | 211 | 31·4 | 31·4 | 136·2 | 199·0 | 73·3 | 94·3 | 167·6 | 145 | 00 | 32·1 | 96·2 | 128·3 | 42·8 | 32·1 | 74·8 | -0·7 | -2·8 |
| 7·5 | 218 | 10·5 | 31·4 | 177·8 | 219·6 | 62·8 | 52·3 | 115·0 | 230 | 00 | 52·2 | 104·4 | 156·6 | 41·8 | 41·8 | 83·5 | -3·1 | -1·6 |
| 8·5 | 209 | 21·0 | 10·5 | 2210·5 | 2512·0 | 73·4 | 83·8 | 157·2 | 236 | 00 | 10·4 | 114·7 | 125·1 | 20·9 | 41·7 | 62·5 | -6·9\*\* | -4·6\* |
| 9·5 | 204 | 42·0 | 21·0 | 2110·3 | 2713·2 | 136·4 | 42·0 | 179·3 | 223 | 00 | 10·5 | 83·6 | 94·0 | 20·9 | 00 | 20·9 | -9·2\*\*\* | -8·4\*\*\* |
| 10·5 | 234 | 10·4 | 41·71 | 208·6 | 2510·68 | 62·6 | 83·42 | 146·0 | 193 | 00 | 21·04 | 126·2 | 147·3 | 126·2 | 10·5 | 136·7 | -3·4 | 0·75 |
| 11·5 | 194 | 00 | 42·1 | 73·6 | 115·7 | 42·1 | 42·1 | 84·1 | 187 | 00 | 10·5 | 1910·2 | 2010·7 | 21·1 | 84·3 | 105·4 | 5·0 | 1·2 |
| 12·5 | 215 | 20·9 | 52·3 | 2612·1 | 3315·4 | 125·6 | 73·4 | 198·8 | 198 | 00 | 21·0 | 178·6 | 199·6 | 73·6 | 52·5 | 126·1 | -5·8 | -2·8 |
| 13·5 | 229 | 10·4 | 52·2 | 208·7 | 2611·4 | 146·1 | 62·6 | 208·7 | 227 | 00 | 62·6 | 73·1 | 135·7 | 125·3 | 00 | 125·3 | -5·6\* | -3·4 |
| 14·5 | 238 | 20·8 | 10·4 | 177·1 | 208·4 | 145·9 | 31·3 | 177·1 | 199 | 00 | 31·5 | 94·5 | 126·0 | 63·0 | 42·0 | 105·0 | -2·4 | -2·1 |
| 15·5 | 223 | 20·9 | 10·5 | 104·5 | 135·8 | 62·7 | 31·3 | 94·0 | 157 | 00 | 10·6 | 63·8 | 74·5 | 42·6 | 00 | 42·6 | -1·4 | -1·5 |
| 16·5 | 244 | 00 | 10·4 | 93·7 | 104·1 | 62·5 | 52·1 | 114·5 | 105 | 11·0 | 43·8 | 87·6 | 1312·4 | 1110·5 | 21·9 | 1312·4 | 8·3\*\*\* | 7·9\*\* |
| 17·5 | 185 | 00 | 21·1 | 63·2 | 84·3 | 21·1 | 42·2 | 63·2 | 78 | 11·3 | 11·3 | 33·9 | 56·4 | 22·6 | 11·3 | 33·9 | 2·1 | 0·6 |
| 18·5 | 150 | 00 | 10·7 | 74·7 | 85·3 | 32·0 | 10·7 | 42·7 | 81 | 00 | 00 | 67·4 | 67·4 | 11·2 | 22·5 | 33·7 | 2·1 | 1·0 |
| Total | 3125 | 190·6 | 401·3 | 2187·0 | 2778·9 | 1133·6 | 702·2 | 1835·9 | 2579 | 30·1 | 381·5 | 1525·9 | 1937·5 | 823·2 | 371·4 | 1194·6 | -1·4\* | -1·3\* |

\*p<0,05; \*\*p<0,01; \*\*\*p<0,001