|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | TT3 (ngr/ml) | TT4 (µgr/dl) | TSH (µIu/ml) | FT3 (Pmol/l) | FT4  (Pmol/l) | CHE (U/L) |
| Age groups (years) |  | exposure | Control | P-valuea | exposure | Control | P-valuea | exposure | Control | P-valuea | exposure | Control | P-valuea | exposure | Control | P-valuea | exposure | Control | P-valuea |
| **20-30** | 0.91 ± 0.11 | 1.08 ± 0.14 | 0.09 | 7.77 ± 1.94 | 8.66 ± 0.9 | 0.48 | 3.36 ± 0.76 | 2.14 ± 1.96 | 0.347 | 6.28 ± 0.43 | 6.1 ± 1.05 | 0.803 | 16.21 ± 4.24 | 15.73 ± 1.85 | 0.86 | 7595.33 ± 2418.865 | 9015 ± 1054.9 | 0.523 |
| **30-40** | 1 ± 0.2 | 1 ± 0.08 | 0.954 | 7.9 ± 1.3 | 8 ± 0.85 | 0.996 | 1.61 ± 0.5 | 3.61 ± 2.16 | 0.432 | 5.46 ± 0.5 | 6.66 ± 1.02 | 0.063 | 13.45 ± 1.09 | 15.8 ± 1.5 | 0.093 | 9364.714 ± 1946.92 | 8229 ± 980.05 | 0.605 |
| **40-50** | 1.04 ± 0.23 | 1.09 ± 0.3 | 0.625 | 7.96 ± 2.21 | 8.22 ± 2.08 | 0.78 | 2.43 ± 1.52 | 1.8 ± 0.82 | 0.226 | 5.9 ± 0.43 | 6.09 ± 1.16 | 0.63 | 15.6 ± 2.46 | 15.47 ± 3.51 | 0.93 | 8346.84 ± 1571.496 | 9026.77 ± 952.9 | 0.262 |
| **>50** | - | 1.08 ± 0.08 | - | - | 8.61 ± 1.68 | - | - | 3.47 ± 0.63 | - | - | 5.87 ± 0.04 | - | - | 14.7 ± 0.7 | - | **-** | 9502 ± 1443.9 | - |
| **P-valueb** | 0.463 | 0.986 | - | 0.98 | 0.973 | - | 0.073 | 0.523 | - | 0.011\* | 0.943 | - | 0.16 | 0.984 | - | 0.375 | 0.776 | - |
| Working background (years) (years) | **1-10** | 0.93 ± 0.15 | 1.06 ± 0.13 | 0.142 | 7.9 ± 1.62 | 8.47 ± 0.82 | 0.526 | 2.92 ± 1.07 | 2.65 ± 2.24 | 0.822 | 5.9 ± 0.64 | 6.24 ± 0.9 | 0.423 | 15.08 ± 3.36 | 15.75 ± 1.51 | 0.713 | 8691.18 ± 2341.16 | 8818.5 ± 946.74 | 0.919 |
| **10-20** | 1.05 ± 0.24 | 1.16 ± 0.22 | 0.358 | 7.6 ± 2.36 | 9.04 ± 2.25 | 0.235 | 1.93 ± 1.37 | 1.9 ± 0.98 | 0.948 | 5.72 ± 0.42 | 6.3 ± 1.26 | 0.195 | 15.1 ± 2.8 | 16.25 ± 4.07 | 0.5 | 8072.63 ± 1413.03 | 9539 ± 864.15 | 0.036\* |
| **20-30** | 1 ± 0.2 | 1.01 ± 0.33 | 0.76 | 8.74 ± 0.71 | 7.4 ± 1.12 | 0.078 | 3.44 ± 1.13 | 2.46 ± 0.9 | 0.202 | 6.17 ± 0.24 | 5.78 ± 0.75 | 0.359 | 15.55 | 14.24 ± 1.2 | 0.202 | 9354 ± 1712.7 | 8061.6 ± 946 | 0.427 |
| **P-valueb** | 0.305 | 0.61 | - | 0.586 | 0.292 | - | 0.578 | 0.158 | - | 0.334 | 0.702 | - | 0.96 | 0.506 | - | 0.493 | 0.244 | - |