**Table 5: Diabetes as an explanatory variable for HR-pQCT variables in women**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Unadjusted** | | | | **Adjusted for weight** | | | |
|  | **N** | **Regression coefficient** | **95% CI** | **p-value** | **N** | **Regression coefficient** | **95% CI** | **p-value** |
| **Radius** |  |  |  |  |  |  |  |  |
| Total area (FY z-score) | 136 | -0,14 | (-0.81, 0.53) | 0,682 | 136 | -0,34 | (-0.97, 0.30) | 0,295 |
| Cortical area (FY z-score) | 136 | 0,59 | (-0.07, 1.26) | 0,079 | 136 | 0,42 | (-0.22, 1.06) | 0,199 |
| Trabecular area (FY z-score) | 136 | -0,18 | (-0.84, 0.49) | 0,599 | 136 | -0,34 | (-0.98, 0.30) | 0,292 |
| Trabecular density (FY z-score) | 136 | 0,00 | (-0.67, 0.67) | 0,994 | 136 | -0,06 | (-0.73, 0.62) | 0,863 |
| Trabecular number (FY z-score) | 136 | 0,33 | (-0.34, 1.00) | 0,328 | 136 | 0,19 | (-0.47, 0.84) | 0,571 |
| Trabecular thickness (FY z-score) | 136 | -0,35 | (-1.00, 0.30) | 0,285 | 136 | -0,31 | (-0.97, 0.34) | 0,347 |
| Trabecular separation (FY z-score) | 136 | -0,26 | (-0.93, 0.41) | 0,441 | 136 | -0,13 | (-0.79, 0.53) | 0,700 |
| Cortical bone mineral density (FY z-score) | 136 | -0,13 | (-0.79, 0.53) | 0,696 | 136 | -0,10 | (-0.77, 0.57) | 0,761 |
| Apparent cortical thickness (FY z-score) | 136 | 0,49 | (-0.17, 1.15) | 0,145 | 136 | 0,46 | (-0.21, 1.13) | 0,178 |
| Cortical porosity (FY z-score) | 136 | 0,62 | (-0.02, 1.27) | 0,059 | 136 | 0,65 | (-0.01, 1.30) | 0,053 |
| Cortical pore volume (FY z-score) | 136 | 0,76 | (0.12, 1.41) | **0,020** | 136 | 0,74 | (0.09, 1.39) | **0,027** |
|  |  |  |  |  |  |  |  |  |
| **Tibia** |  |  |  |  |  |  |  |  |
| Total area (FY z-score) | 150 | -0,13 | (-0.80, 0.53) | 0,696 | 150 | -0,46 | (-1.11, 0.20) | 0,169 |
| Cortical area (FY z-score) | 150 | 0,02 | (-0.65, 0.69) | 0,958 | 150 | -0,31 | (-0.96, 0.35) | 0,356 |
| Trabecular area (FY z-score) | 150 | -0,10 | (-0.77, 0.56) | 0,762 | 150 | -0,38 | (-1.04, 0.28) | 0,259 |
| Trabecular density (FY z-score) | 150 | 0,11 | (-0.56, 0.77) | 0,747 | 150 | -0,04 | (-0.72, 0.64) | 0,911 |
| Trabecular number (FY z-score) | 150 | 0,13 | (-0.53, 0.79) | 0,694 | 150 | -0,23 | (-0.86, 0.40) | 0,474 |
| Trabecular thickness (FY z-score) | 150 | -0,03 | (-0.68, 0.62) | 0,922 | 150 | 0,07 | (-0.60, 0.73) | 0,847 |
| Trabecular separation (FY z-score) | 150 | -0,18 | (-0.84, 0.48) | 0,596 | 150 | 0,16 | (-0.48, 0.81) | 0,623 |
| Cortical bone mineral density (FY z-score) | 150 | -0,04 | (-0.71, 0.64) | 0,915 | 150 | -0,12 | (-0.82, 0.57) | 0,726 |
| Apparent cortical thickness (FY z-score) | 150 | -0,13 | (-0.80, 0.53) | 0,688 | 150 | -0,19 | (-0.87, 0.50) | 0,590 |
| Cortical porosity (FY z-score) | 150 | 0,23 | (-0.44, 0.90) | 0,503 | 150 | 0,21 | (-0.49, 0.90) | 0,560 |
| Cortical pore volume (FY z-score) | 150 | 0,13 | (-0.54, 0.80) | 0,702 | 150 | -0,05 | (-0.73, 0.63) | 0,880 |

Significant results are indicated in bold.

HRpQCT variables were transformed using the Fisher-Yates rank-based inverse normal transformation to create z-scores.