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**SUPPLEMENTAL DIGITAL CONTENT**

eTable 4: Prior studies reporting alternative regressions for MPHR calculation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Women** | | **Men** | |
| **Prior Authors** | Regression | N | Regression | N |
| Traditional Formula6 |  |  | 220-Age | 220 |
| Tanaka, et al.16 | 208-0.8xAge | (18,712 total\*) | 209-0.73xAge | (18,712 total) |
| Gulati, et al.8 | 206-0.88xAge | 5,437 |  |  |
| Daida, et al.3 | 203-0.76xAge | 2,406 | 213-0.90xAge | 7,863 |
| Sheffield, et al.13 | 216-0.88xAge | 95 |  |  |
| Sydo, et al.15 | 210-0.79xAge | 12,265 | 220-0.95xAge | 6,748 |
| FIT-Derived Formulas | 197-0.8xAge | 15,312 | 204-0.9xAge | 15,778 |

\*Sample size was not separated by sex.