Supplementary Material 4 Correlation coefficients between HINT-8 and SF-36v2 T-score

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | PF | RP | BP | GH | VT | SF | RE | MH | PCS | MCS | SF-6D index |
| Climbing stairs | −0.655 | −0.466 | −0.493 | −0.434 | −0.428 | −0.416 | −0.371 | −0.320 | −0.619 | −0.319 | −0.520 |
| Pain | −0.472 | −0.360 | −0.632 | −0.336 | −0.374 | −0.393 | −0.265 | −0.269 | −0.562 | −0.263 | −0.473 |
| Vitality | −0.506 | −0.505 | −0.399 | −0.482 | −0.488 | −0.422 | −0.492 | −0.464 | −0.482 | −0.497 | −0.541 |
| Working | −0.598 | −0.554 | −0.486 | −0.488 | −0.577 | −0.522 | −0.529 | −0.451 | −0.574 | −0.522 | −0.621 |
| Depression | −0.354 | −0.295 | −0.295 | −0.465 | −0.531 | −0.452 | −0.400 | −0.601 | −0.331 | −0.576 | −0.569 |
| Memory | −0.310 | −0.271 | −0.312 | −0.316 | −0.332 | −0.281 | −0.256 | −0.339 | −0.324 | −0.306 | −0.395 |
| Sleep | −0.298 | −0.279 | −0.409 | −0.311 | −0.324 | −0.286 | −0.299 | −0.341 | −0.337 | −0.322 | −0.410 |
| Happiness | −0.355 | −0.355 | −0.424 | −0.525 | −0.551 | −0.487 | −0.379 | −0.618 | −0.353 | −0.592 | −0.583 |
| HINT-8 index | 0.636 | 0.526 | 0.669 | 0.618 | 0.663 | 0.553 | 0.478 | 0.580 | 0.683 | 0.558 | 0.724 |

All *p*-values are less than 0.001.
All coefficients were derived by Spearman’s correlation except of the coefficients of the HINT-8 index with SF-SD (Pearson’s correlation).
HINT-8, Health-related quality of life Instrument with 8 Items; SF-36v2, Short Form Health Survey version 2.0; PF, physical function; RP, role physical; BP, bodily pain; GH, general health; VT, vitality; SF, social functioning; RE, role emotional; MH, mental health; PCS, physical component summary; MCS, mental component summary.