Multimedia Appendix 2.

Table S2. Models for imputation of missing data.

| Variable to impute | Predictors |
|--------------------|------------|
| Average grip strength (baseline) | Total SPPB score (baseline), PROMIS physical function t-score (baseline), gait speed (baseline), PROMIS fatigue t score (baseline), FACT-B total (baseline), autonomy (baseline), average grip strength (week 14), intervention group |
| Average grip strength (week 14) | PROMIS physical function t score (baseline), extrinsic regulation (baseline), integrated regulation (baseline), FACT-B total (baseline), gait speed (baseline), intrinsic regulation (baseline), average grip strength (baseline), intervention group |
| Gait speed (week 14) | Gait speed (baseline), total SPPB score (baseline), intrinsic regulation (baseline), PROMIS fatigue t score (baseline), PROMIS physical function t score (baseline), introjected regulation (baseline), intervention group |
| Total SPPB score (week 14) | Total SPPB score (baseline), gait speed (baseline), PROMIS physical function t score (baseline), extrinsic regulation (baseline), intrinsic regulation (baseline), introjected regulation (baseline), intervention group |
| Steps (baseline) | PROMIS physical function t score (baseline), FACT-B total (baseline), PROMIS fatigue t score (baseline), integrated regulation (baseline), intrinsic regulation (baseline), competency (baseline), steps (week 14), intervention group |
| Steps (week 14) | Integrated regulation (baseline), autonomy (baseline), PROMIS fatigue t score (baseline), gait speed (baseline), FACT-B total (baseline), competency (baseline), steps (baseline), intervention group |
| Light PA (baseline) | FACT-B total (baseline), competency (baseline), Total SPPB score (baseline), PROMIS physical function t score (baseline), introjected regulation (baseline), autonomy (baseline), light PA (week 14), intervention group |
| Light PA (week 14) | Integrated regulation (baseline), autonomy (baseline), PROMIS fatigue t score (baseline), gait speed (baseline), FACT-B total (baseline), competency (baseline), light PA (baseline), intervention group |
| MVPA (baseline) | Integrated regulation (baseline), identified regulation (baseline), intrinsic regulation (baseline), introjected regulation (baseline), FACT-B total (baseline), gait speed (baseline), MVPA (week 14), intervention group |
MVPA (week 14)  Extrinsic regulation (baseline), Total SPPB score (baseline), introjected regulation (baseline), autonomy (baseline), PROMIS physical function t score (baseline), gait speed (baseline), MVPA (baseline), intervention group

\textsuperscript{a}SPPB: short physical performance battery.
\textsuperscript{b}PROMIS: Patient-Reported Outcomes Measurement Information System.
\textsuperscript{c}FACT-B: Functional Assessment of Cancer Therapy-Breast.
\textsuperscript{d}PA: physical activity.
\textsuperscript{e}MVPA: moderate and vigorous physical activity.