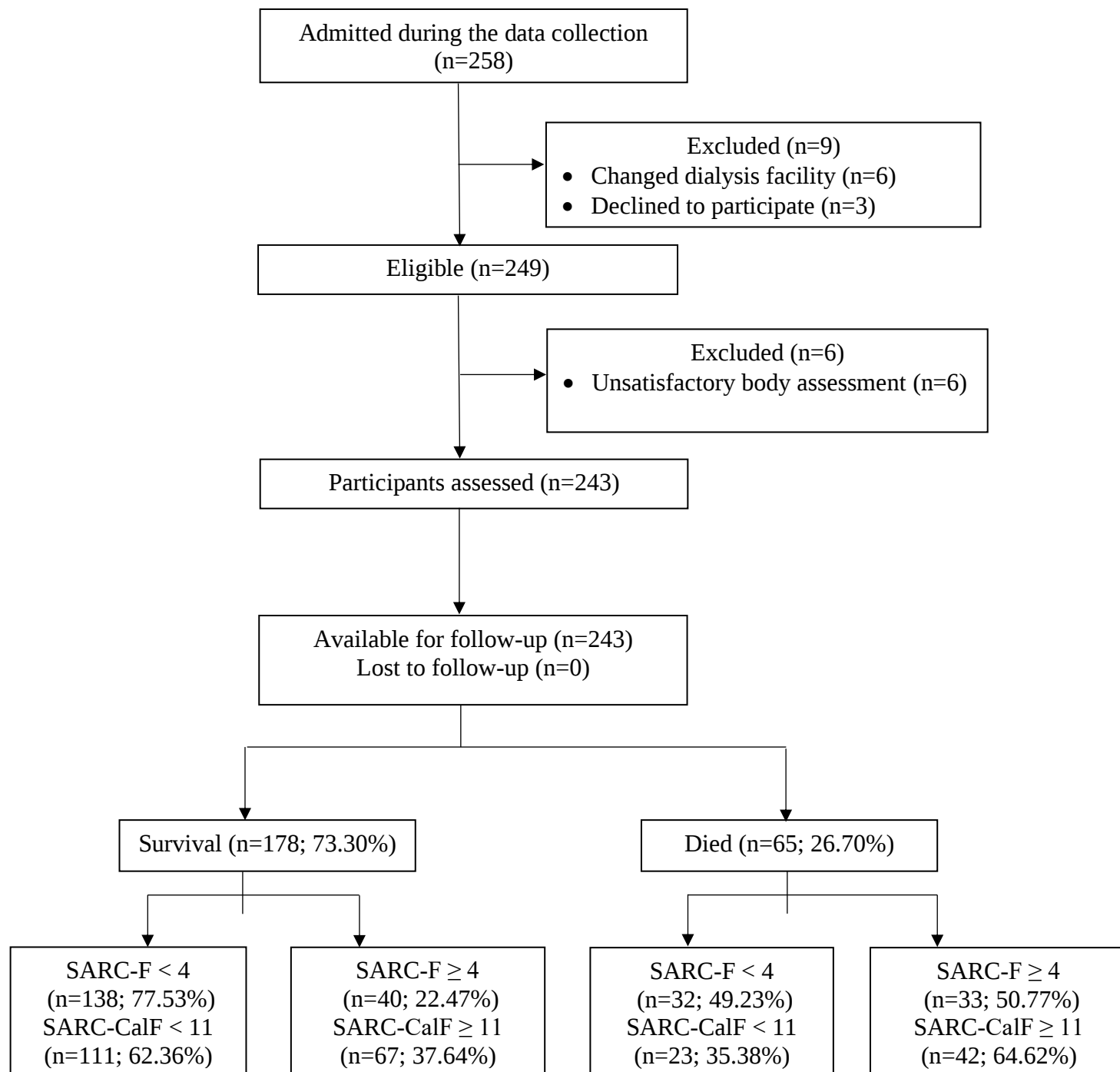


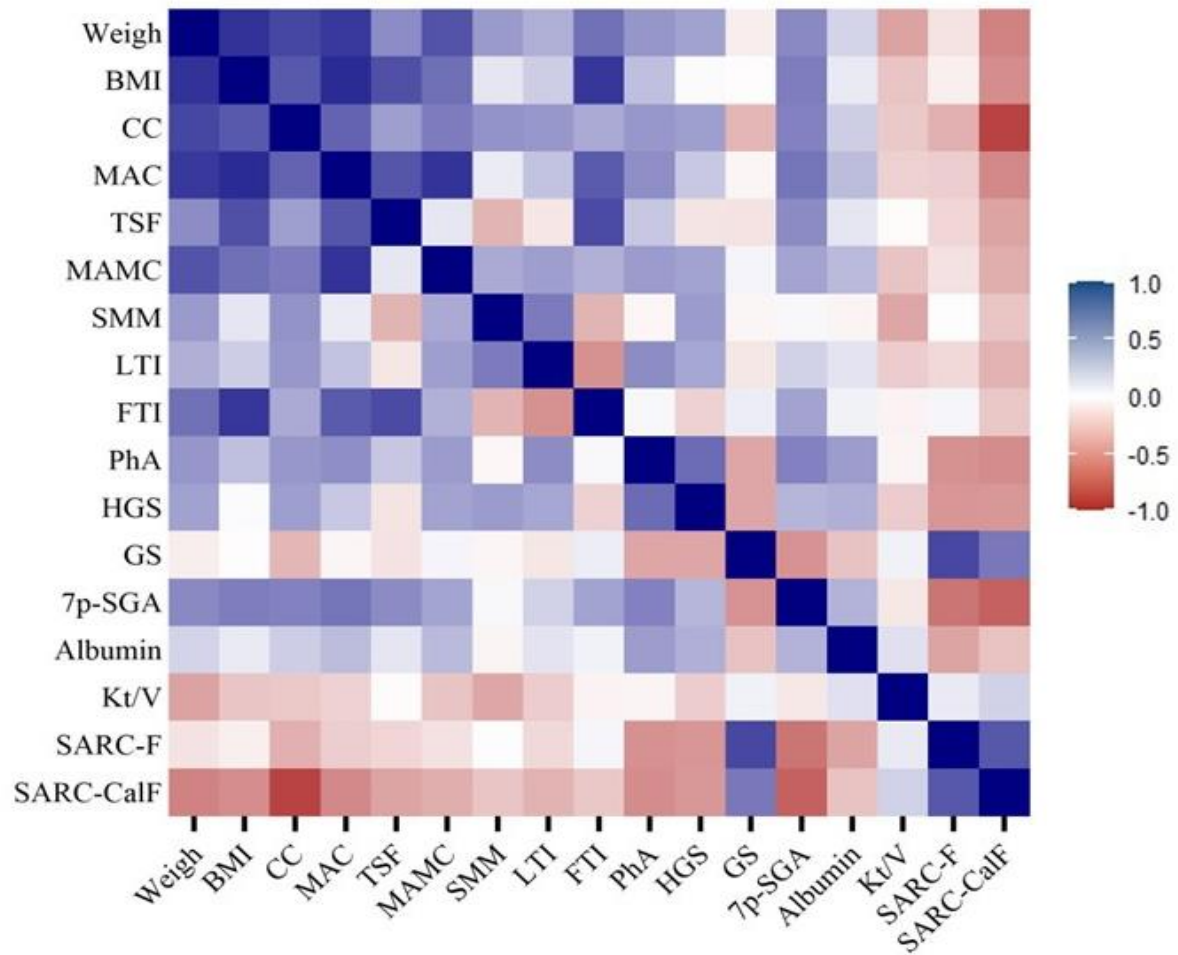
**Title: Performance of SARC-F and SARC-CalF scores to predict risk of mortality in hemodialysis patients: a cohort study**

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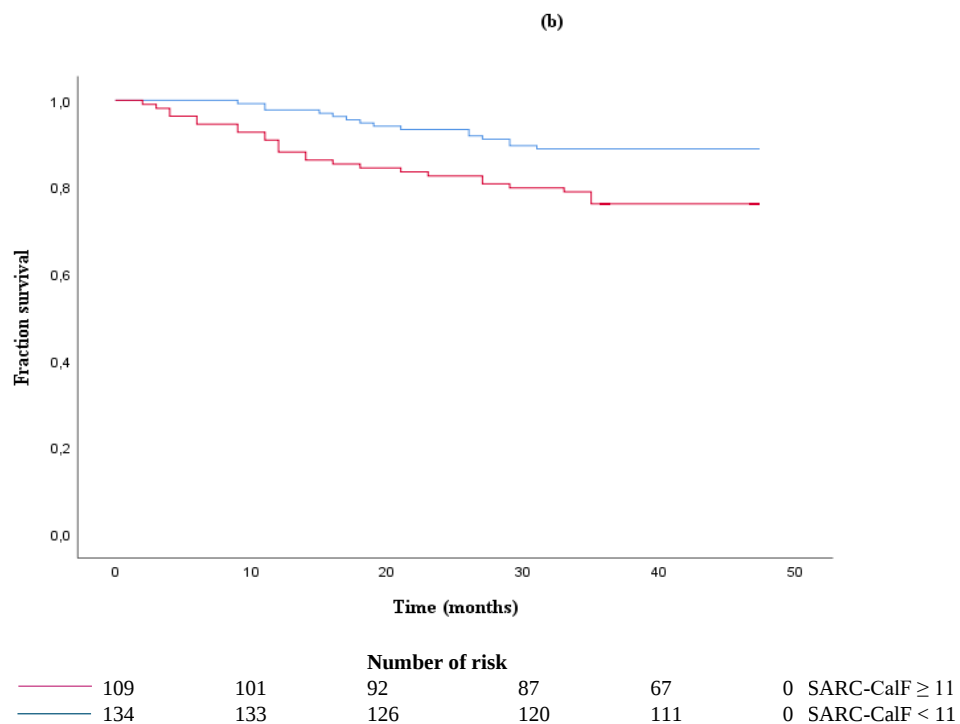
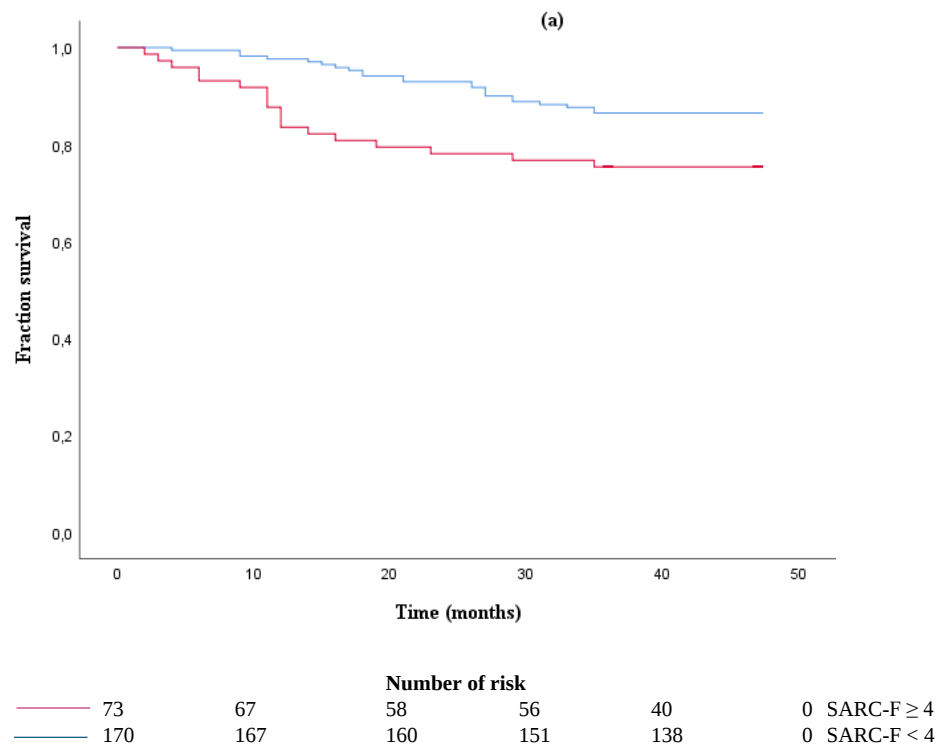
**Additional file**



**Supplementary Figure S1.** Flow chart of the study population during 47 months.



**Supplementary Figure S2.** Correlations of SARC-F and SARC-CalF with anthropometric, physical measurements and laboratory data (n=243). BMI, body mass index; CC, calf circumference; MAC, mid-arm circumference; TSF, tricipital skinfold; MAMC, mid-arm muscle circumference; SMM, skeletal muscle mass; LTI, lean tissue index; FTI, fat tissue index; PhA, phase angle; HGS, handgrip strength; GS, gait speed; 7p-SGA, 7-point subjective global assessment; Kt/V, fractional clearance index for urea.



**Supplementary Figure S3.** Survival curves according to the groups stratified by SARC-F **(a)** and SARC-CalF **(b)** score in HD patients (n=243). Log-rank test to SARC-F **(a)**  $p < 0.019$  and SARC-CalF **(b)** ( $p < 0.007$ ); Breslow test to SARC-F **(a)**  $p < 0.013$  and SARC-CalF **(b)**  $p < 0.006$ ; Tarone-Ware test to SARC-F **(a)**  $p < 0.016$  and SARC-CalF **(b)**  $p < 0.006$ .

**Supplementary Table S1.** Diagnostic performance of SARC-F and SARC-CalF to predict risk of mortality.

| Cutoff           | Sensitivity (%) | Specificity (%) | PPV (%) | NPV (%) | Youden's index |
|------------------|-----------------|-----------------|---------|---------|----------------|
| <b>SARC-F</b>    |                 |                 |         |         |                |
| 1                | 75.38%          | 48.31%          | 34.75%  | 84.31%  | 0.2370         |
| 2                | 60.00%          | 61.24%          | 36.11%  | 80.74%  | 0.2124         |
| 3                | 55.38%          | 72.47%          | 42.35%  | 81.65%  | 0.2786         |
| 4                | 50.77%          | 77.53%          | 45.21%  | 81.81%  | 0.2830         |
| 5                | 43.08%          | 80.90%          | 45.16%  | 79.56%  | 0.2398         |
| <b>SARC-CalF</b> |                 |                 |         |         |                |
| 10               | 75.38%          | 41.01%          | 31.82%  | 82.02%  | 0.16396        |
| 11               | 64.62%          | 62.36%          | 38.53%  | 82.84%  | 0.26975        |
| 12               | 52.31%          | 71.35%          | 40.00%  | 80.38%  | 0.23656        |
| 13               | 47.69%          | 80.34%          | 46.97%  | 80.79%  | 0.28029        |
| 14               | 43.08%          | 84.24%          | 50.00%  | 80.21%  | 0.27347        |

PPV, positive predictive value; NPV, negative predictive value.