**Supplementary Table 2** Patient clinical characteristics by sex at initial assessment characteristic.

| Characteristic | Men (n=50) | Women (n=48) | p     |
|----------------|------------|--------------|-------|
| **Age, years** |            |              | 0.365 |
| Mean           | 57.5       | 55.7         |       |
| SD             | 8.9        | 10.4         |       |
| **Tumor Size** |            |              | 0.309 |
| < 2.5cm        | 6 (12.0)   | 9 (18.8)     |       |
| ≥ 2.5cm        | 44 (88.0)  | 39 (81.2)    |       |
| **Tumor Grade**|            |              | 0.694 |
| 1              | 3 (6.0)    | 6 (12.5)     |       |
| 2              | 24 (48.0)  | 16 (33.3)    |       |
| 3              | 23 (46.0)  | 26 (54.2)    |       |
| **TNM Stages** |            |              | 0.414 |
| I              | 5 (10.0)   | 9 (18.8)     |       |
| II             | 36 (72.0)  | 31 (64.6)    |       |
| III            | 7 (14.0)   | 5 (10.4)     |       |
| IV             | 2 (4.0)    | 3 (6.2)      |       |
| **IGFBP2**     |            |              | 0.156 |
| <415ng/ml      | 22 (44.0)  | 28 (58.3)    |       |
| ≥415ng/ml      | 28 (56.0)  | 20 (41.7)    |       |
| **SMI**        |            |              | <0.001*** |
| Mean           | 45.6       | 36.6         |       |
| SD             | 12.5       | 10.5         |       |
| **HU**         |            |              | 0.551 |
| Mean           | 35.2       | 33.9         |       |
| SD             | 11.1       | 10.4         |       |

Abbreviations: SMI = skeletal muscle index; HU = Hounsfield units.