**Supplemental Table 1. Characteristics and findings according to presence of distant metastasis at diagnosis (n=174).**

| | Distant metastasis (-), n=116 | | Distant metastasis (+), n=58 | | |
| --- | --- | --- | --- | --- | --- |
| | Available data | Value * | Available data | Value * | P value |
| Age at diagnosis (years) | 116 | 51.5 (40.0-63.0) | 58 | 50.0 (40.8-67.0) | 0.691 |
| BMI (kg/m$^2$) | 88 | 22.8 (21.0-25.4) | 43 | 23.3 (20.8-24.8) | 0.893 |
| Male | 116 | 47 (40.5) | 58 | 35 (60.3) | 0.014 |
| Initial symptom (yes) | 68 | 52 (76.5) | 38 | 33 (86.8) | 0.199 |
| Functional tumor (yes) | 83 | 48 (57.8) | 31 | 21 (67.7) | 0.335 |
| Lymph node metastasis (yes) | 2 | 2 (100) | 56 | 18 (32.1) | 0.115 |
| Remission (yes) | 102 | 87 (85.3) | 47 | 4 (8.5) | < 0.001 |
| Recurrence (yes) | 87 | 41 (47.1) | 4 | 1 (25.0) | 0.621 |
| CT | | | | | |
|    Tumor size (mm) | 111 | 76 (55-120) | 55 | 100 (68-140) | 0.007 |
|    Pre-contrast HU | 48 | 34.2 (30.6-39.0) | 20 | 34.4 (31.6-39.5) | 0.701 |
| Complete adrenalectomy | 114 | 98 (86.0) | 30 | 27 (90.0) | 0.764 |
| Pathology | | | | | |
|    Weiss score | 50 | 4 (2.8-6.0) | 10 | 5.5 (3.8-7.3) | 0.042 |
|    Tumor size (mm) | 106 | 94 (60-130) | 26 | 130 (82.3-163.8) | 0.016 |
|    Ki67 index | 26 | 7 (4.5-16.25) | 3 | 10 (3-20) | 0.677 |
|    Mitotic count (/50HPF) | 71 | 8 (4-21) | 21 | 25 (7.5-57.5) | 0.001 |
| Death (yes) | 81 | 19 (23.5) | 45 | 29 (64.4) | < 0.001 |

* Continuous variables are presented as median (interquartile range), categorical variables as n (%).

Chi-square test, Fischer's exact test, and Mann-Whitney test were adopted for comparison.