

**Supplemental Table S1.** Characteristics of ACC Patients with<sup>a</sup> (*n*=114) and without (*n*=39) Available mS-GRAS<sup>b</sup> Data

Variable	Patients with available mS-GRAS data ( <i>n</i> =114)	Patients without available mS-GRAS data ( <i>n</i> =39)	<i>P</i> value
Women	67 (58.8) <sup>d</sup>	14 (35.9) <sup>d</sup>	0.022 <sup>d</sup>
Age at diagnosis, yr	51.0 (41.0–62.0) <sup>d</sup>	46.0 (34.0–53.5) <sup>d</sup>	0.038 <sup>d</sup>
≥50	61 (53.5)	14 (35.9)	0.087
BMI, kg/m <sup>2</sup>	23.6 (22.0–25.9)	23.9 (21.2–25.2)	0.239
Size, cm	7.9 (5.5–11.0) <sup>d</sup>	10.0 (8.5–14.5) <sup>d</sup>	0.001 <sup>d</sup>
Symptom	55 (48.2) <sup>d</sup>	29 (74.4) <sup>d</sup>	0.008 <sup>d</sup>
ENSAT stage			0.048 <sup>d</sup>
1	13 (11.4) <sup>d</sup>	1 (2.6) <sup>d</sup>	
2	54 (47.4) <sup>d</sup>	16 (41.0) <sup>d</sup>	
3	17 (14.9) <sup>d</sup>	13 (33.3) <sup>d</sup>	
4	30 (26.3) <sup>d</sup>	9 (23.1) <sup>d</sup>	
Additional treatment <sup>c</sup>	61 (53.5)	14 (35.9)	0.113
Adjuvant mitotane	35 (30.7)	7 (17.9)	0.123
Mitotane dose, mg	2,000 (1,500–3,000)	2,000 (2,000–2,000)	0.538
Mitotane level, mg/L	11.8 (7.1–13.5)	15.5 (11.8–16.9)	0.371
Mitotane blood level >14 mg/L	6 (17.1)	2 (14.3)	>0.999
Resection status			>0.999
R0	70 (61.4)	27 (69.2)	
RX	7 (6.1)	1 (2.6)	
R1	7 (6.1)	1 (2.6)	
R2	30 (26.3)	10 (25.6)	

Values are expressed as number (%) or median (interquartile range).

ACC, adrenocortical carcinoma; mS-GRAS, modified Stage, Grade, Resection status, Age, Symptom; BMI, body mass index; ENSAT, European Network for the Study of Adrenal Tumour; R0, complete resection; RX, uncertain resection; R1, microscopic incomplete resection; R2, macroscopic incomplete resection.

<sup>a</sup>Patients who underwent adrenalectomy and had data on all components of mS-GRAS scores; <sup>b</sup>mS-GRAS components: ENSAT stage (S), modified grading (mG), resection status (R), age (A), and tumor- or hormone-related symptoms (S); <sup>c</sup>Additional treatment included the adjuvant treatment with mitotane, additional operation, and other chemotherapy/radiation; <sup>d</sup>Significant results (*P*<0.05).