**Supplementary Table 1.** Duration of infectious diseases in previous 12 months in controls and in patients with Cushing's Syndrome (CS) and mild autonomous cortisol secretion (MACS). Categorical variables are expressed as percentages and frequencies.  $p^*$  values for comparisons with controls.  $p^{\S}$  values for comparisons between CS and MACS. After correction for multiple testing, p < 0.05 was considered as statistically significant (bold). <sup>a,b,c,d,e,f,g,h,i</sup>: significantly different duration compared with controls at post hoc analysis using multiple z-tests with Bonferroni correction.

	Controls (n=570)	CS (N=43)	p*	MACS (n=32)	p*	P⁵			
Upper Respiratory tract infections (URTIs) - duration									
less than 1 week	65% (279/429)	66% (23/35)		54% (15/28)					
from 1 to 2 weeks	28% (122/429)	26% (9/35)	0.903	39% (11/28)	0.742	0.516			
from 2 to 3 weeks	4% (19/429)	9% (3/35)		7% (2/28)					
more than 3 weeks	2% (9/429)	0% (0)		0% (0)					
Lower respiratory tract infections (LRTIs) - duration									
less than 1 week	30% (19/64)	10% (1/10)	0.050	12.5% (1/8)	0.742	0.409			
from 1 to 2 weeks	55% (35/64)	60% (6/10)		87.5% (7/8)					
from 2 to 3 weeks	6% (3/64)	20% (2/10)	0.060	0% (0)					
more than 3 weeks	9% (6/64)	10% (1/10)		0% (0)					
Gastrointestinal tract infections (GIIs) - duration									
less than 1 week	88% (163/185) <sup>a</sup>	57% (12/21) <sup>a</sup>		65% (11/17)	0.114	0.946			
from 1 to 2 weeks	11% (20/185) b	29% (6/21) <sup>b</sup>	0.027	29% (5/17)					
from 2 to 3 weeks	0.5% (1/185)	0% (0)	0.037	0% (0)					
more than 3 weeks	0.5% (1/185) <sup>c</sup>	14% (3/21) <sup>c</sup>		6% (1/17)					
Skin infections 1 (SSTIs-1) - duration									
less than 1 week	56% (79/142)	50% (5/10)		75% (6/8)	0.901	0.407			
from 1 to 2 weeks	30% (42/142)	20% (2/10)	0.700	25% (2/8)					
from 2 to 3 weeks	6% (9/142)	20% (2/10)	0.790	0% (0)					
more than 3 weeks	8% (12/142)	10% (1/10)		0% (0)					
Skin infections 2 (SSTIs-2) - duration									
less than 1 week	56% (49/88) <sup>d</sup>	20% (2/10) <sup>d</sup>	0.034	50% (2/4)	0.290	0.540			
from 1 to 2 weeks	33% (29/88)	30% (3/10)		25% (1/4)					
from 2 to 3 weeks	2% (2/88) <sup>e</sup>	20% (2/10) <sup>e</sup>		25% (1/4)					
more than 3 weeks	9% (8/88) <sup>f</sup>	30% (3/10) <sup>f</sup>		0% (0)					
Mycosis (MYC) - duration									
less than 1 week	33% (21/63) <sup>g</sup>	33% (6/18) <sup>g</sup>		60% (3/5)					
from 1 to 2 weeks	48% (30/63) <sup>h</sup>	6% (1/18) <sup>h</sup>	0.016	40% (2/5)	0.894	0.062			
from 2 to 3 weeks	5% (3/63) <sup>i</sup>	33% (6/18) <sup>i</sup>		0% (0)					
more than 3 weeks	14% (9/63)	28% (5/18)		0% (0)					
Sexually transmitted infections (STIs) - duration									
less than 1 week	22% (2/9)	100% (1/1)	0.651	100% (1/1)	0.644	0.143			
from 1 to 2 weeks	67% (6/9)	0% (0)		0% (0)					
from 2 to 3 weeks	0% (0)	0% (0)		0% (0)					
more than 3 weeks	11% (1/9)	0% (0)		0% (0)					
Urinary tract infections (UTIs) - duration									
less than 1 week	70% (59/86)	56.5% (13/23)		64% (9/14)					
from 1 to 2 weeks	24% (21/86)	26% (6/23)	0.802	14% (2/14)	0.758	0.843			
from 2 to 3 weeks	2% (2/86)	4% (1/23)		7% (1/14)					
More than 3 weeks	5% (4/86)	13% (3/23)		14% (2/14)					