

**Supplementary Table S1.** MAFLD and EAFLD distribution in the study population.

n patient	pathology	MAFLD						EAFLD						
		hepatic steatosis	glucose metabolism	dyslipidemia	hypertension	weight	MAFLD (yes/no)	hepatic steatosis	glucose metabolism	dyslipidemia	hypertension	weight	hormonal excess	EAFLD (yes/no)
1	PA	yes	normal	no	yes	oW	yes	yes	normal	no	yes	oW	aldosterone	yes
2	PA	yes	DM	no	yes	oW	yes	yes	DM	no	yes	oW	aldosterone	yes
3	PA	yes	IFG	yes	yes	oB	yes	yes	IFG	yes	yes	oB	aldosterone	yes
4	PA	yes	normal	no	yes	oW	yes	yes	normal	no	yes	oW	aldosterone	yes
5	PA	yes	normal	no	yes	oW	yes	yes	normal	no	yes	oW	aldosterone	yes
6	PA	yes	normal	no	yes	oW	yes	yes	normal	no	yes	oW	aldosterone	yes
7	PA	no	normal	yes	yes	normal	no	no	normal	yes	yes	normal	aldosterone	no
8	PA	no	IFG	no	yes	normal	no	no	IFG	no	yes	normal	aldosterone	no
9	PA	no	normal	yes	yes	oB	no	no	normal	yes	yes	oB	aldosterone	no
10	PA	yes	normal	no	yes	normal	no	yes	normal	no	yes	normal	aldosterone	yes
11	PA	yes	/	yes	yes	oW	yes	yes	/	yes	yes	oW	aldosterone	yes
12	PA	no	normal	no	yes	normal	no	no	normal	no	yes	normal	aldosterone	no
13	PA	yes	IFG	yes	yes	normal	yes	yes	IFG	yes	yes	normal	aldosterone	yes

14	PA	yes	normal	yes	yes	/	yes	yes	normal	yes	yes	/	aldosterone	yes
15	PA	yes	normal	no	yes	oB	yes	yes	normal	no	yes	oB	aldosterone	yes
16	PA	yes	normal	no	yes	oW	yes	yes	normal	no	yes	oW	aldosterone	yes
17	PA	yes	normal	yes	yes	/	yes	yes	normal	yes	yes	/	aldosterone	yes
18	PA	yes	normal	yes	yes	/	yes	yes	normal	yes	yes	/	aldosterone	yes
19	PA	no	normal	no	yes	normal	no	no	normal	no	yes	normal	aldosterone	no
20	PA	yes	normal	no	yes	oW	yes	yes	normal	no	yes	oW	aldosterone	yes
21	PA	no	IFG	no	yes	/	no	no	IFG	no	yes	/	aldosterone	no
22	PA	no	DM	no	yes	oW	no	no	DM	no	yes	oW	aldosterone	no
23	PA	no	IFG	no	yes	/	no	no	IFG	no	yes	/	aldosterone	no
24	PA	no	IFG	no	yes	oW	no	no	IFG	no	yes	oW	aldosterone	no
25	PA	no	IFG	no	yes	normal	no	no	IFG	no	yes	normal	aldosterone	no
26	PA	yes	DM	yes	yes	oW	yes	yes	DM	yes	yes	oW	aldosterone	yes
27	PA	no	DM	no	yes	normal	no	no	DM	no	yes	normal	aldosterone	no
28	PA	no	normal	no	yes	oW	no	no	normal	no	yes	oW	aldosterone	no
29	PA	yes	DM	yes	yes	oB	yes	yes	DM	yes	yes	oB	aldosterone	yes
30	PA	yes	DM	yes	yes	/	yes	yes	DM	yes	yes	/	aldosterone	yes

31	PA	no	normal	no	yes	normal	no	no	normal	no	yes	normal	aldosterone	no
32	PA	yes	normal	yes	yes	oW	yes		normal	yes	yes	oW	aldosterone	yes
33	PA	no	normal	no	yes	oW	no	no	normal	no	yes	oW	aldosterone	no
34	PA	yes	DM	no	yes	/	yes	yes	DM	no	yes	/	aldosterone	yes
35	PA	no	normal	no	yes	normal	no	no	normal	no	yes	normal	aldosterone	no
36	PA	no	normal	no	yes	/	no	no	normal	no	yes	/	aldosterone	no
37	PA	yes	normal	no	yes	normal	no	yes	normal	no	yes	normal	aldosterone	yes
38	PA	no	normal	no	yes	/	no	no	normal	no	yes	/	aldosterone	no
39	PA	no	normal	no	yes	normal	no	no	normal	no	yes	normal	aldosterone	no
40	PA	yes	normal	no	yes	normal	no	yes	normal	no	yes	normal	aldosterone	yes
41	PA	yes	IFG	yes	yes	/	yes	yes	IFG	yes	yes	/	aldosterone	yes
42	NF-AI	no	normal	no	yes	normal	no							
43	NF-AI	yes	normal	yes	yes	oW	yes							
44	NF-AI	yes	normal	no	yes	oW	yes							
45	NF-AI	no	IFG	no	yes	oW	no							
46	NF-AI	no	normal	no	yes	normal	no							
47	NF-AI	no	normal	no	yes	normal	no							
48	NF-AI	no	normal	yes	yes	oW	no							
49	NF-AI	no	normal	no	yes	oW	no							

50	NF-AI	no	normal	no	yes	normal	no								
51	NF-AI	yes	DM	yes	yes	oW	yes								
52	NF-AI	no	normal	no	yes	oW	no								
53	NF-AI	no	normal	no	yes	normal	no								
54	NF-AI	no	IFG	no	yes	oW	no								
55	NF-AI	no	DM	no	yes	oW	no								
56	NF-AI	no	normal	yes	yes	oW	no								
57	NF-AI	no	normal	no	yes	oW	no								
58	NF-AI	no	DM	no	yes	oW	no								
59	NF-AI	no	normal	no	yes	oW	no								
60	NF-AI	yes	IFG	yes	yes	oW	yes								
61	NF-AI	no	normal	no	yes	normal	no								
62	NF-AI	no	normal	no	yes	normal	no								
63	NF-AI	no	DM	no	yes	oW	no								
64	NF-AI	yes	normal	no	yes	oW	yes								
65	NF-AI	no	normal	no	yes	oW	no								
66	NF-AI	no	DM	no	yes	normal	no								
67	NF-AI	no	normal	yes	yes	oW	no								
68	NF-AI	no	normal	no	yes	oW	no								
69	NF-AI	no	normal	no	yes	normal	no								
70	NF-AI	no	DM	no	yes	normal	no								
71	NF-AI	no	DM	no	yes	oW	no								
72	NF-AI	no	IFG	yes	yes	normal	no								

73	NF-AI	no	normal	no	yes	normal	no								
74	NF-AI	no	normal	no	yes	oW	no								
75	NF-AI	no	normal	no	yes	normal	no								
76	NF-AI	no	normal	yes	yes	normal	no								
77	NF-AI	no	normal	no	yes	normal	no								
78	NF-AI	no	normal	no	yes	oW	no								
79	NF-AI	yes	DM	yes	yes	oW	yes								
80	NF-AI	no	normal	no	yes	normal	no								
81	NF-AI	no	normal	yes	yes	normal	no								
82	NF-AI	no	normal	no	yes	oW	no								
83	NF-AI	no	DM	yes	yes	normal	no								
84	NF-AI	yes	IFG	yes	yes	oW	yes								
85	NF-AI	no	normal	no	yes	normal	no								
86	NF-AI	no	normal	no	yes	normal	no								
87	NF-AI	no	normal	yes	yes	normal	no								
88	NF-AI	no	normal	no	yes	normal	no								
89	NF-AI	no	normal	yes	yes	normal	no								
90	NF-AI	no	normal	no	yes	normal	no								
91	NF-AI	no	normal	yes	yes	normal	no								

92	MACS	no	DM	no	yes	normal	no	no	DM	no	yes	normal	cortisol	no
93	MACS	yes	DM	yes	yes	oW	yes	yes	DM	yes	yes	oW	cortisol	yes
94	MACS	yes	normal	yes	yes	normal	yes	yes	normal	yes	yes	normal	cortisol	yes
95	MACS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
96	MACS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
97	MACS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
98	MACS	no	IFG	no	yes	oW	no	no	IFG	no	yes	oW	cortisol	no
99	MACS	no	normal	yes	yes	oW	no	no	normal	yes	yes	oW	cortisol	no
100	MACS	no	DM	no	yes	oW	no	no	DM	no	yes	oW	cortisol	no
101	MACS	yes	DM	yes	yes	oW	yes	yes	DM	yes	yes	oW	cortisol	yes
102	MACS	yes	DM	yes	yes	oW	yes	yes	DM	yes	yes	oW	cortisol	yes
103	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
104	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
105	MACS	yes	normal	yes	yes	oW	yes	yes	normal	yes	yes	oW	cortisol	yes
106	MACS	no	DM	no	yes	oW	no	no	DM	no	yes	oW	cortisol	no
107	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
108	MACS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
109	MACS	yes	normal	yes	yes	oW	yes	yes	normal	yes	yes	oW	cortisol	yes
110	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
111	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
112	MACS	yes	DM	yes	yes	normal	yes	yes	DM	yes	yes	normal	cortisol	yes
113	MACS	no	DM	no	yes	oW	no	no	DM	no	yes	oW	cortisol	no
114	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no

115	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
116	MACS	no	DM	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
117	MACS	no	DM	no	yes	normal	no	no	DM	no	yes	normal	cortisol	no
118	MACS	yes	DM	yes	yes	normal	yes	yes	DM	yes	yes	normal	cortisol	yes
119	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
120	MACS	yes	DM	yes	yes	normal	yes	yes	DM	yes	yes	normal	cortisol	yes
121	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
122	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
123	MACS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
124	MACS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
125	MACS	no	DM	yes	yes	normal	no	no	DM	yes	yes	normal	cortisol	no
126	MACS	yes	normal	no	yes	oW	yes	yes	normal	no	yes	oW	cortisol	yes
127	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
128	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
129	MACS	no	normal	yes	yes	oW	no	no	normal	yes	yes	oW	cortisol	no
130	MACS	yes	normal	no	yes	normal	no	yes	normal	no	yes	normal	cortisol	yes
131	MACS	no	DM	no	yes	oW	no	no	DM	no	yes	oW	cortisol	no
132	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
133	MACS	no	normal	yes	yes	oW	no	no	normal	yes	yes	oW	cortisol	no
134	MACS	no	normal	yes	yes	oW	no	no	normal	yes	yes	oW	cortisol	no

135	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
136	MACS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
137	MACS	no	normal	no	yes	normal	no	no	normal	no	yes	normal	cortisol	no
138	MACS	yes	DM	yes	yes	normal	yes	yes	DM	yes	yes	normal	cortisol	yes
139	MACS	yes	normal	no	yes	oW	yes	yes	normal	no	yes	oW	cortisol	yes
140	CS	yes	IFG	no	yes	normal	yes	yes	IFG	no	yes	normal	cortisol	yes
141	CS	yes	IFG	no	yes	oB	yes	yes	IFG	no	yes	oB	cortisol	yes
142	CS	yes	IFG	yes	yes	oW	yes	yes	IFG	yes	yes	oW	cortisol	yes
143	CS	no	normal	no	yes	oB	no	no	normal	no	yes	oB	cortisol	no
144	CS	no	IFG	no	yes	oW	no	no	IFG	no	yes	oW	cortisol	no
145	CS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
146	CS	no	normal	no	yes	oW	no	no	normal	no	yes	oW	cortisol	no
147	CS	no	IFG	yes	yes	oW	no	no	IFG	yes	yes	oW	cortisol	no
148	CS	yes	normal	no	yes	normal	no	yes	normal	no	yes	normal	cortisol	yes
149	CS	yes	IFG	yes	yes	oW	yes	yes	IFG	yes	yes	oW	cortisol	yes

Abbreviations: PA: primary aldosteronism, NF-AI: non functioning adrenal incidentalomas, MACS: mild autonomous cortisol secretion, CS: cushing syndrome, IFG: impaired fasting glucose, DM: diabetes mellitus, oW: overweight, oB: obesity.