

**Table S2** Disclosure of LESS score obtained from each follow-up of patients treated with metformin (a) or without it (b) included in the study

**a**

BASELINE										
Patient	GTC seizures	Myoclonus at rest	Action myoclonus	Gait	Mental status	Speech	ADL: dressing	ADL: personal hygiene	ADL: eating	TOTAL Baseline
P1	0	4	6	4	5	2	4	0	0	25
P2	8	4	6	8	10	4	8	10	6	64
P3	0	0	0	0	0	0	0	0	0	0
P4	6	4	6	2	10	6	8	10	2	54
P5	0	0	0	0	0	0	0	0	0	0
P6	6	0	4	6	10	6	6	6	2	46
P7	0	0	0	0	5	0	0	0	0	5
P8	6	0	4	4	10	4	8	8	6	50

MONTH 6										
Patient	GTC seizures	Myoclonus at rest	Action myoclonus	Gait	Mental status	Speech	ADL: dressing	ADL: personal hygiene	ADL: eating	TOTAL M6
P1	0	4	6	4	5	4	6	0	0	29
P2	8	4	6	8	10	6	8	10	6	66
P3	0	0	0	0	0	0	0	0	0	0
P4	6	4	6	4	10	6	8	10	2	56
P5	0	0	0	0	0	0	0	0	0	0
P6	2	0	4	6	10	6	6	6	2	42
P7	0	0	0	0	5	0	0	0	0	5
P8	6	0	4	4	10	4	10	10	6	54

MONTH 12										
Patient	GTC seizures	Myoclonus at rest	Action myoclonus	Gait	Mental status	Speech	ADL: dressing	ADL: personal hygiene	ADL: eating	TOTAL M12
P1	0	4	6	6	10	4	4	0	2	36
P2	8	4	6	8	10	6	10	10	8	70
P3	2	0	0	0	0	0	0	0	0	2
P4	6	4	10	4	10	6	8	10	2	60
P5	0	0	0	0	5	0	0	0	0	5
P6	0	0	4	6	10	6	6	6	2	40
P7	0	0	4	0	5	0	0	0	0	9
P8	6	0	4	4	10	4	10	10	6	54



**b**

BASELINE										
Patient	GTC seizures	Myoclonus at rest	Action myoclonus	Gait	Mental status	Speech	ADL: dressing	ADL: personal hygiene	ADL: eating	TOTAL Baseline
P9	8	6	6	2	10	4	2	2	0	40
P10	8	4	4	2	10	2	2	0	0	32
P11	6	0	6	8	10	6	6	8	10	60
P12	8	0	4	2	10	2	4	4	2	36
P13	8	0	0	0	10	0	0	0	0	18
P14	8	0	4	2	10	4	6	2	2	38
P15	4	0	4	4	5	2	2	10	0	31
P16	6	0	4	4	10	2	0	0	0	26
P17	2	0	0	0	0	0	0	0	0	2
P18	6	0	4	4	10	2	6	2	0	34

MONTH 6										
Patient	GTC seizures	Myoclonus at rest	Action myoclonus	Gait	Mental status	Speech	ADL: dressing	ADL: personal hygiene	ADL: eating	TOTAL M6
P9	8	6	6	2	10	4	2	2	0	40
P10	8	4	4	2	10	2	2	2	0	34
P11	6	0	6	8	10	6	6	8	10	60
P12	8	0	4	4	10	4	4	4	2	40
P13	6	0	0	0	10	0	0	0	0	16
P14	8	0	6	10	10	6	10	10	10	70
P15	4	0	4	4	5	2	2	10	0	31
P16	2	0	4	4	10	2	0	0	0	22
P17	2	0	0	0	0	2	0	0	0	4
P18	6	0	4	10	10	6	10	10	10	66

MONTH 12										
Patient	GTC seizures	Myoclonus at rest	Action myoclonus	Gait	Mental status	Speech	ADL: dressing	ADL: personal hygiene	ADL: eating	TOTAL M12
P9	8	6	6	6	10	6	6	4	2	54
P10	6	4	4	2	10	4	2	2	0	34
P11	6	0	6	8	10	6	6	8	10	60
P12	6	0	4	8	10	6	8	8	4	54
P13	6	0	4	0	10	2	0	0	0	22
P14	6	10	10	10	10	8	10	10	10	84
P15	6	0	4	4	10	4	2	10	2	42
P16	0	4	10	4	10	4	2	2	2	38
P17	2	0	0	0	5	2	0	0	0	9
P18	6	0	6	8	10	6	10	10	10	66

