

Supplementary File 1. Correlation analysis of social cognitive performance, apathy, depression and motor functional analysis in the ALS group. The Pearson analysis method was used, and ρ values were given. ALSFRS: Amyotrophic Lateral Sclerosis Functional Rating Scale-revised, DAS: Dimensional Apathy Scale, BDI: Beck Depression Inventory.

	Age	Disease duration	ALSFRS-total	DAS- Executive	DAS- Emotional	DAS- Cognitive initiation	DAS- total	BDI	RMET	Yoni-physical	Yoni- cognitive	Yoni- affect	Yoni- total
Age	1,000	,013	,082	,071	-,177	,391	,231	,483	-,453	,065	-,221	-,362	-,276
	.	p: ,961	p: ,755	p: ,788	p: ,496	p: ,121	p: ,373	p: ,050	p: ,068	p: ,803	p: ,393	p: ,154	p: ,284
Disease duration	,013	1,000	-,221	,462	,254	-,165	,259	,023	,091	-,346	,215	,075	,169
	p: ,961	.	p: ,394	p: ,062	p: ,326	p: ,527	p: ,316	p: ,930	p: ,727	p: ,174	p: ,408	p: ,774	p: ,518
ALSFRS-total	,082	-,221	1,000	,006	,038	-,191	-,272	-,049	,080	,210	-,110	-,413	-,285
	p: ,755	p: ,394	.	p: ,983	p: ,886	p: ,463	p: ,291	p: ,851	p: ,761	p: ,419	p: ,675	p: ,100	p: ,267
DAS- Executive	,071	,462	,006	1,000	,242	,166	,636	,173	-,210	-,121	,089	-,011	,064
	p: ,788	p: ,062	p: ,983	.	p: ,349	p: ,525	p: ,006	p: ,507	p: ,419	p: ,645	p: ,734	p: ,968	p: ,806
DAS- Emotional	-,177	,254	,038	,242	1,000	,046	,577	-,409	,117	-,243	-,121	-,229	-,194
	p: ,496	p: ,326	p: ,886	p: ,349	.	p: ,861	p: ,015	p: ,103	p: ,654	p: ,348	p: ,644	p: ,376	p: ,456
DAS- Cognitive initiation	,391	-,165	-,191	,166	,046	1,000	,629	,337	-,450	-,155	-,280	-,194	-,276
	p: ,121	p: ,527	p: ,463	p: ,525	p: ,861	.	p: ,007	p: ,186	p: ,070	p: ,552	p: ,276	p: ,456	p: ,284
DAS- total	,231	,259	-,272	,636	,577	,629	1,000	,210	-,370	-,314	-,192	-,133	-,180
	p: ,373	p: ,316	p: ,291	p: ,006	p: ,015	p: ,007	.	p: ,419	p: ,143	p: ,220	p: ,459	p: ,611	p: ,490
BDI	,483	,023	-,049	,173	-,409	,337	,210	1,000	-,355	-,008	-,036	-,090	-,069
	p: ,050	p: ,930	p: ,851	p: ,507	p: ,103	p: ,186	p: ,419	.	p: ,163	p: ,975	p: ,892	p: ,732	p: ,794
RMET	-,453	,091	,080	-,210	,117	-,450	-,370	-,355	1,000	-,007	,751	,483	,592
	p: ,068	p: ,727	p: ,761	p: ,419	p: ,654	p: ,070	p: ,143	p: ,163	.	p: ,980	p: ,001	p: ,050	p: ,012
Yoni- physical	,065	-,346	,210	-,121	-,243	-,155	-,314	-,008	-,007	1,000	,172	,234	,312
	p: ,803	p: ,174	p: ,419	p: ,645	p: ,348	p: ,552	p: ,220	p: ,975	p: ,980	.	p: ,508	p: ,366	p: ,222
Yoni- cognitive	-,221	,215	-,110	,089	-,121	-,280	-,192	-,036	,751	,172	1,000	,709	,877
	p: ,393	p: ,408	p: ,675	p: ,734	p: ,644	p: ,276	p: ,459	p: ,892	p: ,001	p: ,508	.	p: ,001	p: ,000
Yoni- affective	-,362	,075	-,413	-,011	-,229	-,194	-,133	-,090	,483	,234	,709	1,000	,941
	p: ,154	p: ,774	p: ,100	p: ,968	p: ,376	p: ,456	p: ,611	p: ,732	p: ,050	p: ,366	p: ,001	.	p: ,000
Yoni- total	-,276	,169	-,285	,064	-,194	-,276	-,180	-,069	,592	,312	,877	,941	1,000
	p: ,284	p: ,518	p: ,267	p: ,806	p: ,456	p: ,284	p: ,490	p: ,794	p: ,012	p: ,222	p: ,000	p: ,000	.