

## Supplementary Material

**Brain atrophy and white matter damage linked to peripheral bioenergetic deficits in the neurodegenerative disease FXTAS**, by Wang/Napoli, et al.

**Table S1.** Correlations between WMHV, BV, peripheral mitochondrial outcomes and FXTAS stage adjusted for sex\*\*

Outcome	$\beta$	SD	<i>P</i> -Value
WMHV	0.439	0.101	< 0.001
BV	-2.706	2.050	0.191
Log citrate synthase activity	0.025	0.178	0.888
Log NADH-linked ATP production*	-0.081	0.189	0.671
Log FADH <sub>2</sub> -linked ATP production	-0.150	0.156	0.340
Log glycerophosphate-linked ATP production	-0.052	0.151	0.734
Log cytochrome <i>c</i> oxidase activity	-0.252	0.201	0.214
Log glucose-Gln-fueled ATP production	-0.006	0.134	0.965
Log RCRu	-0.463	0.260	0.079
Log SRC	-0.403	0.293	0.173
Log ROS/PL	0.219	0.239	0.362
IRC	-0.296	0.487	0.545
RCR	-0.266	0.173	0.129

\*ATP production stands for oxygen-linked ATP production.

\*\* All abbreviations were spelled out in the main text and Methods.