**SUPPLEMENTARY MATERIAL**

**Intellectual Abilities in Tuberous Sclerosis Complex: Risk Factors & Correlates from the Tuberous Sclerosis 2000 Study**

TSC1 (n=19) TSC2 (n=77)

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NMI (n=7) NOT TESTED (n=22)

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*Figure S1:* Distribution of IQ by genetic subtype

Abbreviations: NMI= no mutation identified.

*Table S1:* Correlations between phenotypic features in TSC1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | AgeSeizure Onset | SeizureSeverityYear 1 | SeizureSeverityYear 2 | Seizure SeverityCurrent | Tuber Count | Mullen StandardScore | VinelandCompositeScore |
| Seizure Severity Year 1 | **-.82\*\*\***(n=16) |  |  |  |  |  |  |
| Seizure Severity Year 2 | **-.73\***(n=16) | **.50\***(n=19) |  |  |  |  |  |
| Seizure Severity Current | -.09(n=16) | .15(n=19) | .33(n=19) |  |  |  |  |
| Tuber Count | -.12(n=11) | .04(n=13) | .21(n=13) | .37(n=13) |  |  |  |
| Mullen StandardScore | .47(n=8) | -.25(n=9) | **-.61†**(n=9) | **-.80\***(n=9) | -.54(n=5) |  |  |
| Vineland CompositeScore | .32(n=13) | -.31(n=16) | -.26(n=16) | -.33(n=16) | -.31(n=11) | .**84\*\***(n=8) |  |
| Estimated IQ | .40(n=14) | -.28(n=17) | **-.51\***(n=17) | **-.48†**(n=17) | -.18(n=11) | **1.00\*\*\***(n=9) | **.89\*\*\***(n=16) |

*Key:*†=p<.10 \*=p<.05 \*\*=p<.01 \*\*\*=p<.001

*Table S2:* Correlations between phenotypic features in TSC2

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | AgeSeizure Onset | SeizureSeverityYear 1 | SeizureSeverityYear 2 | Seizure SeverityCurrent | Tuber Count | Mullen StandardScore | VinelandCompositeScore |
| Seizure Severity Year 1 | **-.84\*\*\***(n=71) |  |  |  |  |  |  |
| Seizure Severity Year 2 | **-.61\*\*\***(n=68) | **.64\*\*\***(n=73) |  |  |  |  |  |
| Seizure Severity Current | **-.36\***(n=64) | **.52\*\*\***(n=69) | **.60\*\*\***(n=69) |  |  |  |  |
| Tuber Count | **-.25†**(n=53) | **.37\*\***(n=55) | .23(n=53) | .16(n=49) |  |  |  |
| Mullen StandardScore | **.26†**(n=52) | **-.41\*\***(n=53) | **-.46\*\*\***(n=51) | **-.51\*\*\***(n=48) | -.26(n=40) |  |  |
| Vineland CompositeScore | **.29\***(n=64) | **-.30\***(n=68) | **-.52\*\*\***(n=65) | **-.57\*\*\***(n=61) | .19(n=51) | **.66\*\*\***(n=47) |  |
| Estimated IQ | **.25\***(n=70) | **-.31\*\***(n=74) | **-.50\*\*\***(n=71) | **-.53\*\*\***(n=67) | -.08(n=55) | **.74\*\*\***(n=53) | **.79\*\*\***(n=68) |

*Key:*†=p<.10 \*=p<.05 \*\*=p<.01 \*\*\*=p<.001