## **Supplementary Online Content**

Greenwood TA, Lazzeroni LC, Maihofer AX, et al. Genome-wide association of endophenotypes for schizophrenia from the Consortium on the Genetics of Schizophrenia (COGS) study. *JAMA Psychiatry*. Published online October 9, 2019. doi:10.1001/jamapsychiatry.2019.2850

eTable. Correlations Among All 11 Endophenotypes

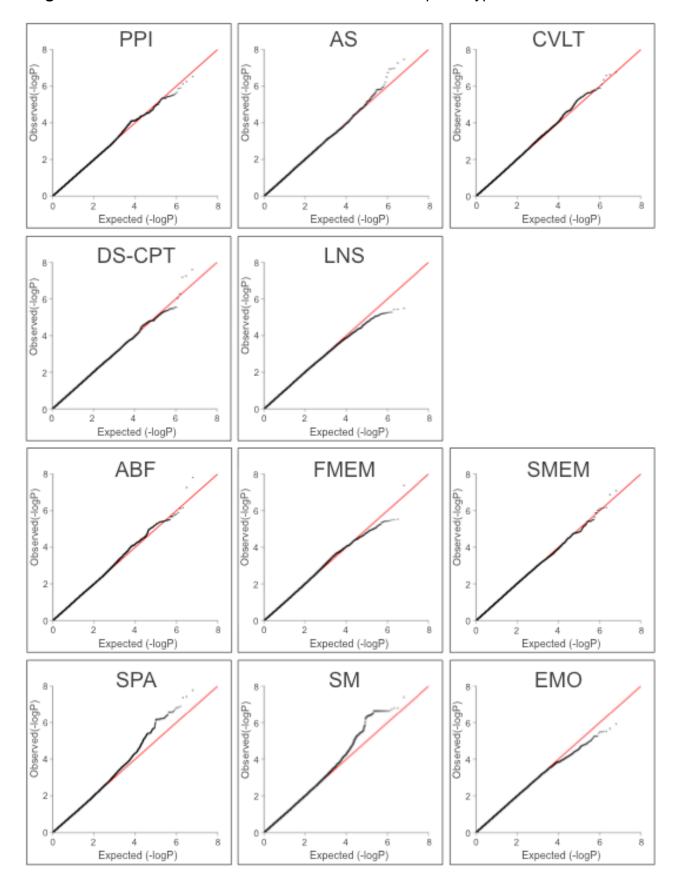
eFigure. Quantile-Quantile Plots for Each of the 11 Endophenotypes

This supplementary material has been provided by the authors to give readers additional information about their work.

|        | PPI               | AS                       | CVLT                     | DS-CPT            | LNS                      | ABF                      | FMEM                     | SMEM                     | SPA                      | S-M               |
|--------|-------------------|--------------------------|--------------------------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------|
| AS     | 0.13 <sup>c</sup> |                          |                          |                   |                          |                          |                          |                          |                          |                   |
| CVLT   | 0.05              | 0.45 <sup>c</sup>        |                          |                   |                          |                          |                          |                          |                          |                   |
| DS-CPT | 0.13 <sup>c</sup> | <b>0.33</b> <sup>c</sup> | 0.31 <sup>c</sup>        |                   |                          |                          |                          |                          |                          |                   |
| LNS    | 0.10 <sup>a</sup> | <b>0.41</b> <sup>c</sup> | <b>0.52</b> <sup>c</sup> | 0.27 <sup>c</sup> |                          |                          |                          |                          |                          |                   |
| ABF    | 0.14 <sup>c</sup> | <b>0.32</b> <sup>c</sup> | 0.35 <sup>c</sup>        | 0.22 <sup>c</sup> | 0.37 <sup>c</sup>        |                          |                          |                          |                          |                   |
| FMEM   | 0.05              | <b>0.35</b> <sup>c</sup> | 0.35 <sup>c</sup>        | 0.21 <sup>c</sup> | <b>0.32</b> <sup>c</sup> | <b>0.36</b> <sup>c</sup> |                          |                          |                          |                   |
| SMEM   | 0.09 <sup>a</sup> | <b>0.34</b> <sup>c</sup> | <b>0.34</b> <sup>c</sup> | 0.20 <sup>c</sup> | <b>0.33</b> <sup>c</sup> | <b>0.46</b> <sup>c</sup> | <b>0.57</b> <sup>c</sup> |                          |                          |                   |
| SPA    | 0.08 <sup>a</sup> | <b>0.43</b> <sup>c</sup> | <b>0.40</b> <sup>c</sup> | 0.28 <sup>c</sup> | <b>0.43</b> <sup>c</sup> | 0.49 <sup>c</sup>        | <b>0.46</b> <sup>c</sup> | <b>0.44</b> <sup>c</sup> |                          |                   |
| S-M    | 0.05              | <b>0.42</b> <sup>c</sup> | <b>0.39</b> <sup>c</sup> | 0.22 <sup>c</sup> | <b>0.36</b> <sup>c</sup> | <b>0.43</b> <sup>c</sup> | 0.50 <sup>c</sup>        | <b>0.44</b> <sup>c</sup> | <b>0.56</b> <sup>c</sup> |                   |
| EMO    | 0.12 <sup>b</sup> | 0.45 <sup>c</sup>        | <b>0.42</b> <sup>c</sup> | 0.24 <sup>c</sup> | <b>0.42</b> <sup>c</sup> | 0.43 <sup>c</sup>        | 0.57 <sup>c</sup>        | 0.47 <sup>c</sup>        | 0.54 <sup>c</sup>        | 0.59 <sup>c</sup> |

eTable. Correlations Among All 11 Endophenotypes

All endophenotype values used for comparison represent standardized residuals adjusted for age (AS, CVLT, DS-CPT, LNS, ABF, FMEM, SMEM, SPA, S-M, EMO) and/or sex (PPI, CVLT, ABF, FMEM, EMO). Significance is indicated as p<0.05<sup>a</sup>, p<0.01<sup>b</sup>, or p<0.005<sup>c</sup>, the latter of which reflects a conservative Bonferroni correction for multiple comparisons of independent variables. Moderate correlations (r>0.3) are shown in bold text.



## **eFigure.** Quantile-Quantile Plots for Each of the 11 Endophenotypes

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