

Supplementary table 2. One-dataset-removed sensitivity analysis

| FA | | | | | | | |
|----------------------|-----------------------------------|---------|----------------------|----------|-----------------------------------|---------|---------------------|
| ROI | Removed datasets | Z-value | Effect size p-value | ROI | Removed datasets | Z-value | Effect size p-value |
| Whole CC | Arfanakis et al. 2002. | -2.055 | 0.040 | Splenium | Arfanakis et al. 2002. | -2.109 | 0.035 |
| | Grossman et al. 2011. Early group | -2.293 | 0.022 | | Grossman et al. 2011. Early group | -2.283 | 0.022 |
| | Grossman et al. 2011. Late group | -2.194 | 0.028 | | Grossman et al. 2011. Late group | -2.196 | 0.028 |
| | Inglese et al. 2005. Early group. | -1.960 | 0.050 | | Inglese et al. 2005. Early group. | -1.842 | 0.065 |
| | Inglese et al. 2005. Late group | -1.945 | 0.052 | | Inglese et al. 2005. Late group | -1.840 | 0.066 |
| | Kasahara et al. 2012. | -2.136 | 0.033 | | Kasahara et al. 2012. | -2.206 | 0.027 |
| | Kraus et al. 2007. | -2.350 | 0.019 | | Kraus et al. 2007. | -2.330 | 0.020 |
| | Kumar et al. 2009. | -1.751 | 0.080 | | Kumar et al. 2009. | -1.977 | 0.048 |
| | Lange et al. 2011. | -2.275 | 0.023 | | Lange et al. 2011. | -2.094 | 0.036 |
| | Little et al. 2010. | -2.425 | 0.015 | | Little et al. 2010. | -2.263 | 0.024 |
| | Lo et al. 2009. | -2.275 | 0.023 | | Lo et al. 2009. | -2.325 | 0.020 |
| | Matsushita et al. 2011. | -1.991 | 0.046 | | Matsushita. 2011. | -1.856 | 0.063 |
| | Mayer et al. 2010. | -2.913 | 0.004 | | Mayer et al. 2010. | -2.561 | 0.010 |
| Rutgers et al. 2008. | -2.187 | 0.029 | Rutgers et al. 2008. | -2.194 | 0.028 | | |
| Zhang et al. 2010. | -2.256 | 0.024 | Zhang et al. 2010. | -2.284 | 0.022 | | |
| MD | | | | | | | |
| Whole CC | Grossman et al. 2011. Early group | 2.637 | 0.008 | Splenium | Grossman et al. 2011. Early group | 2.874 | 0.004 |
| | Grossman et al. 2011. Late group | 2.403 | 0.016 | | Grossman et al. 2011. Late group | 2.389 | 0.017 |

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|-----------------------------------|-------|-------|-----------------------------------|-------|-------|
| Inglese et al. 2005. Early group. | 1.953 | 0.051 | Inglese et al. 2005. Early group. | 2.282 | 0.022 |
| Inglese et al. 2005. Late group | 2.042 | 0.041 | Inglese et al. 2005. Late group | 1.914 | 0.056 |
| Kumar et al. 2009. | 2.038 | 0.042 | Kumar et al. 2009. | 2.230 | 0.026 |
| Lange et al. 2011. | 2.210 | 0.027 | Lange et al. 2011. | 1.942 | 0.052 |

Abbreviations; FA: fractional anisotropy, MD: mean diffusivity, ROI: region of interest, CC: corpus callosum