| **Table 2:** 95% confidence intervals for the diagnostic contrasts (LMCI−CN, AD−LMCI, AD−CN) of the ADNI-1 data set for each DKT region of the left hemisphere. Each cell is color-coded based on the adjusted log-scaled *p*-value significance from dark orange (*p* < 1e-10) to yellow (*p* = 0.1). Absence of color denotes nonsignificance. | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **LMCI-CN** | | | | | **AD-LMCI** | | | | | **AD-CN** | | | | |
| **DKT** | **FSCross** | **FSLong** | **ANTsCross** | **ANTsNative** | **ANTsSST** | **FSCross** | **FSLong** | **ANTsCross** | **ANTsNative** | **ANTsSST** | **FSCross** | **FSLong** | **ANTsCross** | **ANTsNative** | **ANTsSST** |
| **lcACC** | -0.03,0.068 | -0.038,0.058 | -0.132,0.024 | -0.235,-0.065 | -0.238,-0.065 | -0.075,0.033 | -0.08,0.024 | -0.103,0.068 | -0.187,-0.001 | -0.211,-0.022 | -0.063,0.058 | -0.077,0.041 | -0.168,0.024 | -0.349,-0.14 | -0.375,-0.162 |
| **lcMFG** | -0.111,-0.043 | -0.11,-0.04 | -0.197,-0.067 | -0.188,-0.063 | -0.188,-0.061 | -0.109,-0.034 | -0.13,-0.053 | -0.201,-0.058 | -0.21,-0.073 | -0.201,-0.062 | -0.19,-0.106 | -0.21,-0.124 | -0.342,-0.182 | -0.345,-0.19 | -0.334,-0.178 |
| **lCUN** | -0.042,0.004 | -0.046,0.002 | -0.049,0.049 | -0.073,0.038 | -0.08,0.03 | -0.03,0.021 | -0.034,0.019 | -0.108,0 | -0.138,-0.016 | -0.145,-0.024 | -0.053,0.005 | -0.059,0 | -0.115,0.006 | -0.164,-0.026 | -0.177,-0.041 |
| **lENT** | -0.404,-0.24 | -0.405,-0.24 | -0.285,-0.054 | -0.479,-0.219 | -0.486,-0.223 | -0.359,-0.179 | -0.385,-0.204 | -0.354,-0.1 | -0.462,-0.177 | -0.514,-0.226 | -0.692,-0.489 | -0.719,-0.515 | -0.539,-0.254 | -0.83,-0.509 | -0.887,-0.562 |
| **lFUS** | -0.129,-0.059 | -0.126,-0.054 | -0.196,-0.029 | -0.308,-0.116 | -0.321,-0.128 | -0.149,-0.073 | -0.161,-0.082 | -0.302,-0.117 | -0.398,-0.187 | -0.418,-0.207 | -0.248,-0.162 | -0.255,-0.167 | -0.425,-0.218 | -0.623,-0.385 | -0.656,-0.418 |
| **lIPL** | -0.099,-0.037 | -0.099,-0.035 | -0.245,-0.069 | -0.245,-0.07 | -0.246,-0.067 | -0.138,-0.07 | -0.144,-0.074 | -0.357,-0.163 | -0.349,-0.157 | -0.344,-0.148 | -0.21,-0.134 | -0.215,-0.136 | -0.526,-0.308 | -0.52,-0.302 | -0.514,-0.292 |
| **lITG** | -0.146,-0.07 | -0.148,-0.072 | -0.225,-0.012 | -0.359,-0.132 | -0.406,-0.165 | -0.165,-0.082 | -0.17,-0.086 | -0.454,-0.218 | -0.535,-0.286 | -0.574,-0.31 | -0.279,-0.185 | -0.285,-0.19 | -0.586,-0.322 | -0.797,-0.516 | -0.876,-0.579 |
| **liCC** | -0.091,-0.02 | -0.096,-0.02 | -0.17,-0.025 | -0.252,-0.089 | -0.255,-0.089 | -0.117,-0.039 | -0.137,-0.054 | -0.231,-0.071 | -0.307,-0.129 | -0.328,-0.147 | -0.177,-0.09 | -0.2,-0.107 | -0.338,-0.159 | -0.489,-0.288 | -0.512,-0.307 |
| **lLOG** | -0.065,-0.013 | -0.062,-0.01 | -0.172,-0.017 | -0.18,-0.027 | -0.176,-0.021 | -0.07,-0.013 | -0.074,-0.017 | -0.262,-0.091 | -0.285,-0.119 | -0.304,-0.134 | -0.112,-0.049 | -0.113,-0.049 | -0.367,-0.175 | -0.399,-0.211 | -0.413,-0.222 |
| **lLOF** | -0.062,0 | -0.071,-0.011 | -0.153,0 | -0.23,-0.068 | -0.236,-0.069 | -0.078,-0.01 | -0.086,-0.02 | -0.217,-0.048 | -0.279,-0.101 | -0.31,-0.127 | -0.114,-0.037 | -0.131,-0.057 | -0.303,-0.114 | -0.439,-0.239 | -0.474,-0.269 |
| **lLING** | -0.041,0.005 | -0.041,0.004 | -0.097,0.033 | -0.148,-0.003 | -0.157,-0.015 | -0.065,-0.015 | -0.07,-0.02 | -0.141,0.003 | -0.184,-0.024 | -0.19,-0.035 | -0.086,-0.03 | -0.091,-0.035 | -0.181,-0.02 | -0.269,-0.09 | -0.285,-0.111 |
| **lMOF** | -0.079,-0.011 | -0.095,-0.03 | -0.181,-0.004 | -0.294,-0.114 | -0.303,-0.114 | -0.08,-0.005 | -0.086,-0.015 | -0.255,-0.059 | -0.326,-0.128 | -0.378,-0.171 | -0.13,-0.046 | -0.153,-0.073 | -0.359,-0.139 | -0.542,-0.32 | -0.599,-0.367 |
| **lMGH** | -0.147,-0.076 | -0.137,-0.066 | -0.239,-0.06 | -0.32,-0.142 | -0.35,-0.161 | -0.166,-0.088 | -0.167,-0.089 | -0.361,-0.162 | -0.442,-0.247 | -0.471,-0.265 | -0.283,-0.194 | -0.274,-0.186 | -0.523,-0.3 | -0.686,-0.465 | -0.74,-0.506 |
| **lPARH** | -0.151,-0.044 | -0.137,-0.036 | -0.189,-0.022 | -0.26,-0.074 | -0.265,-0.077 | -0.189,-0.071 | -0.182,-0.07 | -0.301,-0.116 | -0.355,-0.152 | -0.37,-0.164 | -0.294,-0.161 | -0.275,-0.15 | -0.417,-0.211 | -0.536,-0.306 | -0.554,-0.322 |
| **lparaC** | -0.075,-0.011 | -0.088,-0.021 | -0.075,0.024 | -0.087,0.027 | -0.087,0.027 | -0.037,0.034 | -0.068,0.006 | -0.111,-0.002 | -0.114,0.011 | -0.122,0.003 | -0.084,-0.005 | -0.127,-0.044 | -0.143,-0.021 | -0.152,-0.011 | -0.16,-0.019 |
| **lpOPER** | -0.07,-0.007 | -0.074,-0.011 | -0.188,-0.065 | -0.222,-0.099 | -0.211,-0.091 | -0.072,-0.002 | -0.08,-0.01 | -0.212,-0.076 | -0.218,-0.084 | -0.212,-0.08 | -0.115,-0.037 | -0.127,-0.048 | -0.346,-0.194 | -0.387,-0.236 | -0.371,-0.223 |
| **lpORB** | -0.105,-0.031 | -0.099,-0.026 | -0.163,0.007 | -0.203,-0.041 | -0.205,-0.042 | -0.053,0.028 | -0.067,0.014 | -0.225,-0.037 | -0.244,-0.066 | -0.267,-0.088 | -0.126,-0.034 | -0.134,-0.044 | -0.314,-0.104 | -0.377,-0.176 | -0.402,-0.2 |
| **lpTRI** | -0.094,-0.035 | -0.099,-0.038 | -0.183,-0.029 | -0.209,-0.066 | -0.191,-0.046 | -0.073,-0.008 | -0.083,-0.016 | -0.217,-0.047 | -0.229,-0.072 | -0.24,-0.081 | -0.142,-0.068 | -0.155,-0.08 | -0.333,-0.143 | -0.377,-0.2 | -0.369,-0.189 |
| **lperiCAL** | -0.019,0.021 | -0.031,0.016 | -0.06,0.065 | -0.079,0.058 | -0.095,0.042 | -0.028,0.017 | -0.044,0.008 | -0.168,-0.03 | -0.19,-0.04 | -0.207,-0.057 | -0.029,0.021 | -0.055,0.003 | -0.174,-0.019 | -0.211,-0.041 | -0.243,-0.074 |
| **lpostC** | -0.05,-0.001 | -0.052,-0.001 | -0.12,-0.03 | -0.109,-0.012 | -0.11,-0.009 | -0.051,0.004 | -0.062,-0.005 | -0.13,-0.03 | -0.14,-0.033 | -0.143,-0.031 | -0.08,-0.019 | -0.092,-0.028 | -0.211,-0.1 | -0.207,-0.087 | -0.209,-0.084 |
| **lPCC** | -0.058,0.004 | -0.068,-0.003 | -0.157,-0.026 | -0.258,-0.103 | -0.267,-0.104 | -0.075,-0.006 | -0.084,-0.013 | -0.177,-0.033 | -0.244,-0.074 | -0.272,-0.093 | -0.106,-0.029 | -0.124,-0.044 | -0.278,-0.116 | -0.436,-0.244 | -0.469,-0.267 |
| **lPreC** | -0.092,-0.023 | -0.101,-0.03 | -0.145,-0.055 | -0.138,-0.036 | -0.135,-0.027 | -0.077,-0.001 | -0.093,-0.013 | -0.141,-0.042 | -0.145,-0.032 | -0.139,-0.021 | -0.139,-0.054 | -0.162,-0.074 | -0.247,-0.136 | -0.239,-0.112 | -0.228,-0.095 |
| **lPCUN** | -0.099,-0.042 | -0.105,-0.045 | -0.17,-0.041 | -0.199,-0.05 | -0.197,-0.045 | -0.091,-0.028 | -0.112,-0.046 | -0.208,-0.067 | -0.241,-0.078 | -0.245,-0.08 | -0.165,-0.095 | -0.191,-0.117 | -0.323,-0.164 | -0.376,-0.193 | -0.378,-0.19 |
| **lrACC** | -0.088,0.001 | -0.095,-0.011 | -0.133,0.05 | -0.253,-0.05 | -0.249,-0.042 | -0.054,0.044 | -0.054,0.039 | -0.151,0.05 | -0.266,-0.044 | -0.308,-0.083 | -0.103,0.007 | -0.113,-0.008 | -0.205,0.021 | -0.431,-0.182 | -0.468,-0.214 |
| **lrMFG** | -0.087,-0.032 | -0.095,-0.039 | -0.247,-0.054 | -0.293,-0.115 | -0.297,-0.108 | -0.087,-0.027 | -0.089,-0.027 | -0.292,-0.078 | -0.302,-0.106 | -0.332,-0.125 | -0.151,-0.083 | -0.16,-0.091 | -0.455,-0.216 | -0.519,-0.298 | -0.548,-0.314 |
| **lSFG** | -0.107,-0.049 | -0.112,-0.053 | -0.197,-0.076 | -0.218,-0.093 | -0.215,-0.088 | -0.086,-0.023 | -0.099,-0.033 | -0.202,-0.069 | -0.234,-0.098 | -0.242,-0.103 | -0.168,-0.097 | -0.186,-0.112 | -0.347,-0.197 | -0.398,-0.244 | -0.403,-0.246 |
| **lSPL** | -0.086,-0.026 | -0.087,-0.023 | -0.143,-0.024 | -0.105,0.016 | -0.098,0.024 | -0.08,-0.014 | -0.097,-0.026 | -0.164,-0.033 | -0.146,-0.014 | -0.141,-0.008 | -0.14,-0.066 | -0.156,-0.077 | -0.256,-0.109 | -0.199,-0.05 | -0.187,-0.037 |
| **lSTG** | -0.137,-0.069 | -0.132,-0.066 | -0.201,-0.074 | -0.228,-0.105 | -0.23,-0.105 | -0.132,-0.057 | -0.133,-0.06 | -0.244,-0.104 | -0.289,-0.153 | -0.297,-0.161 | -0.239,-0.155 | -0.237,-0.155 | -0.39,-0.233 | -0.464,-0.312 | -0.474,-0.319 |
| **lSMAR** | -0.09,-0.026 | -0.091,-0.027 | -0.209,-0.074 | -0.194,-0.064 | -0.195,-0.058 | -0.109,-0.038 | -0.122,-0.051 | -0.234,-0.086 | -0.236,-0.094 | -0.24,-0.09 | -0.171,-0.092 | -0.185,-0.106 | -0.385,-0.219 | -0.374,-0.214 | -0.376,-0.208 |
| **lTT** | -0.09,0.003 | -0.088,0.001 | -0.112,-0.002 | -0.118,-0.023 | -0.103,-0.014 | -0.082,0.02 | -0.091,0.007 | -0.16,-0.038 | -0.142,-0.037 | -0.137,-0.04 | -0.132,-0.016 | -0.141,-0.031 | -0.224,-0.088 | -0.218,-0.101 | -0.201,-0.092 |
| **lINS** | -0.097,-0.023 | -0.098,-0.023 | -0.208,-0.045 | -0.275,-0.108 | -0.274,-0.109 | -0.089,-0.007 | -0.102,-0.02 | -0.248,-0.069 | -0.349,-0.165 | -0.351,-0.171 | -0.153,-0.062 | -0.167,-0.075 | -0.386,-0.185 | -0.552,-0.345 | -0.554,-0.351 |