| **Table 3:** 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 right 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** |
| **rcACC** | -0.058,0.024 | -0.048,0.028 | -0.138,0.004 | -0.214,-0.066 | -0.222,-0.072 | -0.088,0.002 | -0.076,0.008 | -0.141,0.015 | -0.203,-0.041 | -0.214,-0.05 | -0.11,-0.009 | -0.091,0.003 | -0.217,-0.043 | -0.353,-0.171 | -0.371,-0.187 |
| **rcMFG** | -0.117,-0.048 | -0.114,-0.042 | -0.184,-0.059 | -0.178,-0.053 | -0.178,-0.05 | -0.118,-0.041 | -0.14,-0.061 | -0.248,-0.11 | -0.251,-0.114 | -0.241,-0.101 | -0.205,-0.119 | -0.223,-0.134 | -0.377,-0.223 | -0.376,-0.221 | -0.364,-0.206 |
| **rCUN** | -0.025,0.022 | -0.03,0.019 | -0.059,0.042 | -0.085,0.032 | -0.094,0.021 | -0.057,-0.006 | -0.062,-0.008 | -0.12,-0.008 | -0.133,-0.004 | -0.14,-0.015 | -0.062,-0.004 | -0.071,-0.01 | -0.135,-0.01 | -0.167,-0.023 | -0.184,-0.044 |
| **rENT** | -0.408,-0.254 | -0.403,-0.247 | -0.271,-0.026 | -0.446,-0.201 | -0.438,-0.184 | -0.331,-0.162 | -0.356,-0.187 | -0.407,-0.136 | -0.511,-0.242 | -0.561,-0.282 | -0.672,-0.482 | -0.692,-0.5 | -0.571,-0.269 | -0.852,-0.548 | -0.89,-0.576 |
| **rFUS** | -0.114,-0.045 | -0.114,-0.043 | -0.221,-0.046 | -0.337,-0.144 | -0.343,-0.15 | -0.149,-0.073 | -0.165,-0.086 | -0.347,-0.154 | -0.44,-0.228 | -0.462,-0.252 | -0.233,-0.148 | -0.249,-0.16 | -0.492,-0.276 | -0.694,-0.455 | -0.722,-0.485 |
| **rIPL** | -0.107,-0.042 | -0.113,-0.045 | -0.201,-0.025 | -0.228,-0.057 | -0.229,-0.051 | -0.15,-0.079 | -0.16,-0.086 | -0.366,-0.172 | -0.356,-0.169 | -0.358,-0.164 | -0.229,-0.149 | -0.243,-0.16 | -0.491,-0.274 | -0.51,-0.299 | -0.512,-0.291 |
| **rITG** | -0.162,-0.086 | -0.14,-0.065 | -0.281,-0.064 | -0.408,-0.19 | -0.44,-0.208 | -0.179,-0.096 | -0.193,-0.111 | -0.432,-0.191 | -0.539,-0.299 | -0.591,-0.337 | -0.308,-0.215 | -0.301,-0.208 | -0.618,-0.35 | -0.853,-0.583 | -0.931,-0.645 |
| **riCC** | -0.08,-0.007 | -0.084,-0.005 | -0.182,-0.044 | -0.256,-0.097 | -0.26,-0.099 | -0.116,-0.035 | -0.139,-0.053 | -0.239,-0.087 | -0.319,-0.145 | -0.335,-0.16 | -0.164,-0.073 | -0.189,-0.092 | -0.361,-0.19 | -0.507,-0.31 | -0.526,-0.328 |
| **rLOG** | -0.055,-0.004 | -0.055,-0.004 | -0.152,0.016 | -0.179,-0.018 | -0.184,-0.017 | -0.073,-0.018 | -0.08,-0.024 | -0.31,-0.124 | -0.325,-0.148 | -0.337,-0.155 | -0.106,-0.044 | -0.113,-0.05 | -0.389,-0.181 | -0.434,-0.235 | -0.449,-0.244 |
| **rLOF** | -0.081,-0.018 | -0.08,-0.022 | -0.11,0.036 | -0.192,-0.031 | -0.193,-0.026 | -0.077,-0.008 | -0.09,-0.025 | -0.195,-0.035 | -0.255,-0.078 | -0.286,-0.102 | -0.13,-0.053 | -0.145,-0.072 | -0.241,-0.063 | -0.377,-0.179 | -0.406,-0.201 |
| **rLING** | -0.05,-0.006 | -0.055,-0.01 | -0.087,0.05 | -0.153,0.001 | -0.16,-0.011 | -0.063,-0.014 | -0.067,-0.017 | -0.14,0.012 | -0.18,-0.011 | -0.196,-0.033 | -0.094,-0.039 | -0.103,-0.046 | -0.168,0.002 | -0.266,-0.077 | -0.292,-0.109 |
| **rMOF** | -0.077,-0.012 | -0.08,-0.017 | -0.158,0.019 | -0.258,-0.077 | -0.268,-0.076 | -0.088,-0.016 | -0.096,-0.027 | -0.25,-0.054 | -0.318,-0.118 | -0.37,-0.16 | -0.137,-0.057 | -0.149,-0.071 | -0.331,-0.112 | -0.498,-0.273 | -0.555,-0.318 |
| **rMGH** | -0.162,-0.093 | -0.153,-0.084 | -0.242,-0.044 | -0.331,-0.139 | -0.36,-0.149 | -0.167,-0.09 | -0.17,-0.094 | -0.399,-0.18 | -0.496,-0.286 | -0.526,-0.296 | -0.299,-0.213 | -0.293,-0.208 | -0.555,-0.31 | -0.745,-0.507 | -0.796,-0.535 |
| **rPARH** | -0.193,-0.068 | -0.184,-0.066 | -0.178,-0.005 | -0.277,-0.09 | -0.267,-0.082 | -0.242,-0.106 | -0.23,-0.102 | -0.324,-0.134 | -0.386,-0.182 | -0.401,-0.199 | -0.382,-0.228 | -0.364,-0.219 | -0.427,-0.214 | -0.583,-0.352 | -0.589,-0.36 |
| **rparaC** | -0.073,-0.006 | -0.091,-0.02 | -0.091,0.01 | -0.093,0.022 | -0.094,0.023 | -0.051,0.023 | -0.075,0.005 | -0.101,0.009 | -0.111,0.016 | -0.117,0.011 | -0.095,-0.012 | -0.135,-0.046 | -0.149,-0.024 | -0.154,-0.011 | -0.16,-0.016 |
| **rpOPER** | -0.078,-0.015 | -0.078,-0.016 | -0.175,-0.05 | -0.195,-0.071 | -0.192,-0.07 | -0.07,0 | -0.084,-0.015 | -0.188,-0.05 | -0.219,-0.083 | -0.217,-0.084 | -0.12,-0.042 | -0.135,-0.058 | -0.309,-0.155 | -0.36,-0.208 | -0.356,-0.207 |
| **rpORB** | -0.068,0.008 | -0.071,0.001 | -0.159,-0.006 | -0.174,-0.028 | -0.149,-0.002 | -0.097,-0.013 | -0.105,-0.026 | -0.237,-0.067 | -0.263,-0.103 | -0.274,-0.113 | -0.132,-0.038 | -0.145,-0.056 | -0.33,-0.14 | -0.373,-0.193 | -0.359,-0.179 |
| **rpTRI** | -0.085,-0.025 | -0.083,-0.022 | -0.19,-0.044 | -0.191,-0.057 | -0.184,-0.049 | -0.069,-0.002 | -0.083,-0.016 | -0.232,-0.072 | -0.238,-0.092 | -0.25,-0.103 | -0.128,-0.053 | -0.14,-0.064 | -0.359,-0.179 | -0.372,-0.207 | -0.376,-0.21 |
| **rperiCAL** | -0.022,0.02 | -0.035,0.011 | -0.052,0.065 | -0.09,0.048 | -0.11,0.027 | -0.032,0.014 | -0.046,0.005 | -0.124,0.005 | -0.16,-0.009 | -0.18,-0.03 | -0.036,0.016 | -0.061,-0.004 | -0.125,0.019 | -0.19,-0.02 | -0.231,-0.062 |
| **rpostC** | -0.058,-0.009 | -0.06,-0.01 | -0.118,-0.028 | -0.106,-0.007 | -0.106,0.002 | -0.072,-0.018 | -0.079,-0.024 | -0.131,-0.032 | -0.15,-0.042 | -0.165,-0.047 | -0.109,-0.048 | -0.117,-0.055 | -0.21,-0.099 | -0.214,-0.092 | -0.224,-0.092 |
| **rPCC** | -0.055,0.005 | -0.068,-0.007 | -0.153,-0.03 | -0.233,-0.085 | -0.243,-0.09 | -0.068,-0.002 | -0.081,-0.013 | -0.135,0 | -0.202,-0.04 | -0.225,-0.058 | -0.097,-0.022 | -0.123,-0.047 | -0.235,-0.083 | -0.372,-0.189 | -0.402,-0.213 |
| **rPreC** | -0.094,-0.025 | -0.1,-0.029 | -0.12,-0.032 | -0.113,-0.011 | -0.11,0 | -0.08,-0.003 | -0.1,-0.021 | -0.165,-0.068 | -0.186,-0.073 | -0.196,-0.075 | -0.144,-0.057 | -0.169,-0.081 | -0.247,-0.138 | -0.254,-0.128 | -0.258,-0.122 |
| **rPCUN** | -0.102,-0.038 | -0.111,-0.044 | -0.184,-0.042 | -0.21,-0.048 | -0.206,-0.042 | -0.096,-0.026 | -0.119,-0.045 | -0.239,-0.084 | -0.273,-0.097 | -0.285,-0.107 | -0.17,-0.092 | -0.201,-0.118 | -0.362,-0.187 | -0.414,-0.214 | -0.421,-0.219 |
| **rrACC** | -0.062,0.024 | -0.069,0.012 | -0.21,-0.035 | -0.336,-0.137 | -0.352,-0.149 | -0.096,-0.001 | -0.096,-0.006 | -0.231,-0.039 | -0.324,-0.106 | -0.362,-0.14 | -0.121,-0.014 | -0.13,-0.029 | -0.365,-0.149 | -0.574,-0.329 | -0.627,-0.376 |
| **rrMFG** | -0.096,-0.038 | -0.097,-0.037 | -0.203,-0.005 | -0.238,-0.059 | -0.237,-0.049 | -0.09,-0.025 | -0.1,-0.033 | -0.373,-0.154 | -0.359,-0.163 | -0.381,-0.176 | -0.161,-0.089 | -0.171,-0.096 | -0.49,-0.245 | -0.52,-0.299 | -0.538,-0.306 |
| **rSFG** | -0.102,-0.041 | -0.107,-0.043 | -0.185,-0.062 | -0.203,-0.079 | -0.198,-0.073 | -0.101,-0.033 | -0.115,-0.044 | -0.217,-0.081 | -0.231,-0.095 | -0.242,-0.104 | -0.177,-0.101 | -0.195,-0.115 | -0.348,-0.196 | -0.38,-0.227 | -0.386,-0.231 |
| **rSPL** | -0.093,-0.031 | -0.098,-0.032 | -0.141,-0.011 | -0.116,0.02 | -0.105,0.034 | -0.093,-0.024 | -0.106,-0.034 | -0.207,-0.064 | -0.18,-0.03 | -0.171,-0.019 | -0.158,-0.082 | -0.175,-0.094 | -0.291,-0.131 | -0.237,-0.069 | -0.216,-0.045 |
| **rSTG** | -0.139,-0.071 | -0.131,-0.065 | -0.184,-0.04 | -0.22,-0.087 | -0.232,-0.091 | -0.132,-0.056 | -0.137,-0.064 | -0.269,-0.111 | -0.295,-0.15 | -0.31,-0.155 | -0.241,-0.157 | -0.24,-0.158 | -0.391,-0.213 | -0.458,-0.294 | -0.482,-0.307 |
| **rSMAR** | -0.111,-0.049 | -0.11,-0.048 | -0.214,-0.069 | -0.195,-0.061 | -0.186,-0.041 | -0.117,-0.049 | -0.136,-0.067 | -0.248,-0.089 | -0.27,-0.123 | -0.289,-0.131 | -0.201,-0.124 | -0.22,-0.142 | -0.399,-0.221 | -0.407,-0.241 | -0.412,-0.234 |
| **rTT** | -0.105,-0.017 | -0.1,-0.015 | -0.107,0.013 | -0.11,-0.006 | -0.108,-0.008 | -0.105,-0.007 | -0.104,-0.01 | -0.225,-0.09 | -0.192,-0.077 | -0.169,-0.06 | -0.171,-0.062 | -0.167,-0.062 | -0.28,-0.129 | -0.258,-0.128 | -0.235,-0.111 |
| **rINS** | -0.079,-0.006 | -0.083,-0.014 | -0.212,-0.051 | -0.271,-0.106 | -0.272,-0.109 | -0.094,-0.014 | -0.098,-0.022 | -0.22,-0.043 | -0.32,-0.139 | -0.323,-0.145 | -0.141,-0.052 | -0.152,-0.066 | -0.362,-0.164 | -0.52,-0.316 | -0.525,-0.324 |