**Meta-analysis summary results based on Random effect model**

Effect-size label: PCC  
Effect size: PCC  
Std. Err.: SEpcc  
Study label: Studylbl  
Meta-analysis summary Number of studies = 87  
Random-effects model Heterogeneity:  
Method: REML tau2 = 0.0807  
 I2 (%) = 96.25  
 H2 = 26.68

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Study | PCC | | | [95%Conf. | | Interval] | | % | | Weight | | |
| Kapingura (2017) | | -0.017 | | | -0.444 | | | | 0.411 | | | 0.810 | |
| Kapingura (2017) | | -0.230 | | | -0.521 | | | | 0.061 | | | 1.010 | |
| Kapingura (2017) | | -0.050 | | | -0.293 | | | | 0.193 | | | 1.080 | |
| Beck et al (2004) | | -0.489 | | | -0.728 | | | | -0.249 | | | 1.090 | |
| Beck et al (2004) | | -0.387 | | | -0.640 | | | | -0.134 | | | 1.070 | |
| Beck et al (2004) | | -0.414 | | | -0.664 | | | | -0.164 | | | 1.070 | |
| Beck et al (2004) | | -0.414 | | | -0.664 | | | | -0.164 | | | 1.070 | |
| Beck et al (2004) | | -0.401 | | | -0.663 | | | | -0.139 | | | 1.060 | |
| Clarke et al (2006) | | -0.121 | | | -0.335 | | | | 0.094 | | | 1.120 | |
| Clarke et al (2006) | | -0.364 | | | -0.566 | | | | -0.163 | | | 1.140 | |
| Clarke et al (2006) | | -0.099 | | | -0.314 | | | | 0.116 | | | 1.120 | |
| Clarke et al (2006) | | -0.415 | | | -0.612 | | | | -0.218 | | | 1.150 | |
| Clarke et al (2006) | | 0.102 | | | -0.035 | | | | 0.238 | | | 1.220 | |
| Clarke et al (2006) | | -0.143 | | | -0.279 | | | | -0.008 | | | 1.220 | |
| Liang (2006) | | -0.394 | | | -0.533 | | | | -0.255 | | | 1.210 | |
| Liang (2006) | | -0.373 | | | -0.514 | | | | -0.233 | | | 1.210 | |
| Liang (2006) | | -0.305 | | | -0.450 | | | | -0.161 | | | 1.210 | |
| Liang (2006) | | -0.348 | | | -0.490 | | | | -0.205 | | | 1.210 | |
| Prete (2013) | | -0.414 | | | -0.745 | | | | -0.083 | | | 0.950 | |
| Prete (2013) | | -0.368 | | | -0.706 | | | | -0.029 | | | 0.940 | |
| Prete (2013) | | -0.147 | | | -0.507 | | | | 0.213 | | | 0.910 | |
| Prete (2013) | | -0.131 | | | -0.492 | | | | 0.230 | | | 0.910 | |
| Prete (2013) | | 0.158 | | | -0.202 | | | | 0.517 | | | 0.910 | |
| Prete (2013) | | 0.151 | | | -0.209 | | | | 0.510 | | | 0.910 | |
| Ali et al (2021) | | 0.037 | | | -0.064 | | | | 0.137 | | | 1.250 | |
| Wahid et al (2012) | | 0.590 | | | 0.237 | | | | 0.944 | | | 0.920 | |
| Wahid et al (2012) | | 0.454 | | | 0.064 | | | | 0.845 | | | 0.870 | |
| Jaumotte et al (2008) | | 0.264 | | | 0.153 | | | | 0.374 | | | 1.240 | |
| Jaumotte et al (2008) | | 0.212 | | | 0.099 | | | | 0.325 | | | 1.240 | |
| Jaumotte et al (2008) | | 0.233 | | | 0.121 | | | | 0.344 | | | 1.240 | |
| Jaumotte et al (2008) | | 0.290 | | | 0.179 | | | | 0.401 | | | 1.240 | |
| Jaumotte et al (2008) | | 0.262 | | | 0.149 | | | | 0.374 | | | 1.240 | |
| Jaumotte et al (2008) | | 0.208 | | | 0.094 | | | | 0.322 | | | 1.240 | |
| Seven and Coskun (2016) | | -0.025 | | | -0.171 | | | | 0.121 | | | 1.210 | |
| Seven and Coskun (2016) | | 0.152 | | | 0.003 | | | | 0.302 | | | 1.200 | |
| Seven and Coskun (2016) | | 0.134 | | | -0.016 | | | | 0.284 | | | 1.200 | |
| Seven and Coskun (2016) | | 0.077 | | | -0.074 | | | | 0.228 | | | 1.200 | |
| Seven and Coskun (2016) | | 0.294 | | | 0.154 | | | | 0.434 | | | 1.210 | |
| Seven and Coskun (2016) | | 0.453 | | | 0.319 | | | | 0.588 | | | 1.220 | |
| Seven and Coskun (2016) | | 0.244 | | | 0.097 | | | | 0.391 | | | 1.210 | |
| Shahbaz and Islam (2011) | | -0.465 | | | -0.767 | | | | -0.163 | | | 1.000 | |
| Shahbaz and Islam (2011) | | -0.906 | | | -1.050 | | | | -0.761 | | | 1.210 | |
| Shahbaz et al (2014) | | -0.572 | | | -0.812 | | | | -0.333 | | | 1.090 | |
| Shahbaz et al (2014) | | -0.274 | | | -0.555 | | | | 0.007 | | | 1.030 | |
| de Haan and Sturm (2017) | | 0.240 | | | 0.147 | | | | 0.332 | | | 1.260 | |
| de Haan and Sturm (2017) | | 0.203 | | | 0.110 | | | | 0.296 | | | 1.260 | |
| de Haan and Sturm (2017) | | -0.025 | | | -0.120 | | | | 0.070 | | | 1.250 | |
| de Haan and Sturm (2017) | | 0.163 | | | 0.069 | | | | 0.257 | | | 1.260 | |
| de Haan and Sturm (2017) | | 0.160 | | | 0.055 | | | | 0.264 | | | 1.250 | |
| de Haan and Sturm (2017) | | 0.057 | | | -0.048 | | | | 0.163 | | | 1.250 | |
| de Haan and Sturm (2017) | | 0.145 | | | 0.040 | | | | 0.251 | | | 1.250 | |
| Kim and Lin (2011) | | 0.545 | | | 0.223 | | | | 0.867 | | | 0.970 | |
| Kim and Lin (2011) | | -0.408 | | | -0.710 | | | | -0.105 | | | 1.000 | |
| Kim and Lin (2011) | | 0.811 | | | 0.666 | | | | 0.957 | | | 1.210 | |
| Kim and Lin (2011) | | 0.347 | | | -0.014 | | | | 0.707 | | | 0.910 | |
| Kim and Lin (2011) | | -0.394 | | | -0.699 | | | | -0.090 | | | 0.990 | |
| Kim and Lin (2011) | | 0.898 | | | 0.788 | | | | 1.007 | | | 1.240 | |
| Tan and Law (2011) | | -0.123 | | | -0.197 | | | | -0.050 | | | 1.270 | |
| Tan and Law (2011) | | -0.112 | | | -0.197 | | | | -0.026 | | | 1.260 | |
| Weychert (2020) | | 0.145 | | | 0.003 | | | | 0.288 | | | 1.210 | |
| Weychert (2020) | | 0.228 | | | 0.079 | | | | 0.377 | | | 1.200 | |
| Weychert (2020) | | 0.225 | | | 0.078 | | | | 0.373 | | | 1.210 | |
| Le and Nguyen (2019) | | 0.199 | | | 0.105 | | | | 0.294 | | | 1.250 | |
| Le and Nguyen (2019) | | 0.193 | | | 0.099 | | | | 0.288 | | | 1.250 | |
| Olohunlana and Dauda (2019) | | 0.085 | | | -0.351 | | | | 0.522 | | | 0.800 | |
| Olohunlana and Dauda (2019) | | 0.435 | | | 0.040 | | | | 0.830 | | | 0.860 | |
| Nasreddine and Mensi (2016) | | 0.141 | | | 0.100 | | | | 0.183 | | | 1.280 | |
| Nasreddine and Mensi (2016) | | 0.135 | | | -0.003 | | | | 0.273 | | | 1.220 | |
| Nasreddine and Mensi (2016) | | 0.022 | | | -0.076 | | | | 0.119 | | | 1.250 | |
| Nasreddine and Mensi (2016) | | 0.000 | | | -0.085 | | | | 0.085 | | | 1.260 | |
| Nasreddine and Mensi (2016) | | -0.088 | | | -0.149 | | | | -0.026 | | | 1.280 | |
| Tariq (2013) | | -0.025 | | | -0.156 | | | | 0.107 | | | 1.220 | |
| Tariq (2013) | | -0.208 | | | -0.349 | | | | -0.067 | | | 1.210 | |
| Tariq (2013) | | -0.171 | | | -0.312 | | | | -0.029 | | | 1.210 | |
| Tariq (2013) | | -0.169 | | | -0.311 | | | | -0.027 | | | 1.210 | |
| Rosemy and Masih (2017) | | 0.244 | | | -0.073 | | | | 0.561 | | | 0.980 | |
| Rosemy and Masih (2017) | | 0.299 | | | -0.017 | | | | 0.615 | | | 0.980 | |
| Serafim (2021) | | -0.065 | | | -0.193 | | | | 0.064 | | | 1.230 | |
| Serafim (2021) | | -0.075 | | | -0.203 | | | | 0.053 | | | 1.230 | |
| Serafim (2021) | | -0.163 | | | -0.290 | | | | -0.036 | | | 1.230 | |
| Serafim (2021) | | -0.001 | | | -0.130 | | | | 0.127 | | | 1.230 | |
| Sugiyanto and Zefania (2020) | | 0.040 | | | -0.012 | | | | 0.093 | | | 1.280 | |
| Zhang and Naceur (2019) | | -0.120 | | | -0.172 | | | | -0.068 | | | 1.280 | |
| Zhang and Naceur (2019) | | -0.112 | | | -0.165 | | | | -0.058 | | | 1.280 | |
| Zhang and Naceur (2019) | | -0.053 | | | -0.106 | | | | 0.000 | | | 1.280 | |
| Hsieh et al (2019) | | 0.064 | | | 0.022 | | | | 0.105 | | | 1.280 | |
| Hsieh et al (2019) | | 0.065 | | | 0.024 | | | | 0.106 | | | 1.280 | |
| theta | | | 0.000 | | | | -0.063 | | | | 0.063 | | |

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| Test of theta = 0: z = 0.01 Prob > | Z | = | 0.9946 |
|  | | | |

Test of homogeneity: Q = chi2(86) = 1272.92 Prob > Q = 0.0000