|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Vein | Category | N | Mean [mm] | Standard error | Variance | LCI | UCI | Z-Value | p-Value |
| RSPV | General | 12 073 | 18.87 | 0.27 | 0.07 | 18.35 | 19.40 | 70.22 | 0.00 |
| Angiography | 203 | 16.62 | 1.04 | 1.07 | 14.59 | 18.65 | 16.05 | 0.00 |
| CT | 7504 | 19.67 | 0.30 | 0.09 | 19.08 | 20.26 | 65.22 | 0.00 |
| MRI / MRA | 2891 | 18.99 | 0.46 | 0.21 | 18.08 | 19.89 | 41.11 | 0.00 |
| Echocardiography | 302 | 15.62 | 0.82 | 0.66 | 14.02 | 17.22 | 19.15 | 0.00 |
| Asia | 3705 | 19.25 | 0.64 | 0.41 | 17.99 | 20.51 | 29.96 | 0.00 |
| Europe | 4803 | 19.15 | 0.31 | 0.10 | 18.54 | 19.77 | 60.99 | 0.00 |
| North America | 3525 | 18.38 | 0.48 | 0.23 | 17.44 | 19.32 | 38.30 | 0.00 |
| RIPV | General | 11 980 | 17.17 | 0.27 | 0.07 | 16.65 | 17.69 | 64.47 | 0.00 |
| Angiography | 180 | 13.84 | 1.77 | 3.13 | 10.38 | 17.31 | 7.83 | 0.00 |
| CT | 7480 | 18.02 | 0.26 | 0.07 | 17.50 | 18.54 | 68.31 | 0.00 |
| MRI / MRA | 2919 | 17.74 | 0.43 | 0.19 | 16.90 | 18.59 | 41.15 | 0.00 |
| Echocardiography | 302 | 13.87 | 1.05 | 1.11 | 11.80 | 15.93 | 13.15 | 0.00 |
| Asia | 3835 | 16.95 | 0.65 | 0.42 | 15.68 | 18.22 | 26.17 | 0.00 |
| Europe | 4579 | 17.30 | 0.39 | 0.15 | 16.53 | 18.07 | 44.20 | 0.00 |
| North America | 3679 | 17.22 | 0.38 | 0.14 | 16.48 | 17.95 | 45.92 | 0.00 |
| LSPV | General | 11 865 | 18.12 | 0.25 | 0.06 | 17.63 | 18.61 | 72.53 | 0.00 |
| Angiography | 188 | 16.58 | 1.23 | 1.52 | 14.16 | 18.99 | 13.47 | 0.00 |
| CT | 7338 | 18.88 | 0.32 | 0.10 | 18.25 | 19.51 | 58.87 | 0.00 |
| MRI / MRA | 2905 | 18.22 | 0.47 | 0.22 | 17.29 | 19.14 | 38.65 | 0.00 |
| Echocardiography | 298 | 14.88 | 1.00 | 1.01 | 12.91 | 16.85 | 14.82 | 0.00 |
| Asia | 3843 | 19.07 | 0.58 | 0.34 | 17.93 | 20.22 | 32.67 | 0.00 |
| Europe | 4532 | 18.48 | 0.33 | 0.11 | 17.83 | 19.13 | 55.40 | 0.00 |
| North America | 3603 | 17.18 | 0.43 | 0.19 | 16.33 | 18.03 | 39.52 | 0.00 |
| LIPV | General | 11 849 | 16.25 | 0.22 | 0.05 | 15.82 | 16.69 | 73.40 | 0.00 |
| Angiography | 180 | 14.40 | 1.89 | 3.59 | 10.69 | 18.11 | 7.60 | 0.00 |
| CT | 7338 | 16.86 | 0.27 | 0.07 | 16.33 | 17.39 | 62.24 | 0.00 |
| MRI / MRA | 2905 | 16.49 | 0.39 | 0.15 | 15.73 | 17.24 | 42.64 | 0.00 |
| Echocardiography | 298 | 13.71 | 0.88 | 0.77 | 11.98 | 15.43 | 15.59 | 0.00 |
| Asia | 3682 | 16.34 | 0.51 | 0.26 | 15.34 | 17.34 | 31.91 | 0.00 |
| Europe | 4532 | 16.37 | 0.30 | 0.09 | 15.79 | 16.96 | 54.69 | 0.00 |
| North America | 3595 | 16.10 | 0.41 | 0.17 | 15.29 | 16.91 | 39.10 | 0.00 |
| RMPV | General | 5030 | 9.43 | 0.27 | 0.07 | 8.89 | 9.96 | 34.44 | 0.00 |
| CT | 3170 | 9.15 | 0.31 | 0.10 | 8.54 | 9.75 | 29.56 | 0.00 |
| MRI / MRA | 1746 | 9.99 | 0.63 | 0.39 | 8.76 | 11.22 | 15.90 | 0.00 |
| Asia | 776 | 8.63 | 0.68 | 0.46 | 7.29 | 9.96 | 12.66 | 0.00 |
| Europe | 2658 | 9.49 | 0.45 | 0.20 | 8.62 | 10.37 | 21.30 | 0.00 |
| North America | 1596 | 9.48 | 0.43 | 0.18 | 8.65 | 10.32 | 22.16 | 0.00 |
| LCPV | General | 4966 | 29.01 | 0.48 | 0.23 | 28.07 | 29.94 | 60.83 | 0.00 |
| CT | 2720 | 29.35 | 0.72 | 0.52 | 27.93 | 30.76 | 40.56 | 0.00 |
| MRI / MRA | 1959 | 29.67 | 0.93 | 0.86 | 27.85 | 31.48 | 32.00 | 0.00 |
| Echocardiography | 90 | 25.24 | 1.78 | 3.16 | 21.75 | 28.72 | 14.19 | 0.00 |
| Asia | 776 | 31.15 | 1.09 | 1.18 | 29.03 | 33.28 | 28.70 | 0.00 |
| Europe | 2913 | 28.41 | 0.63 | 0.39 | 27.18 | 29.63 | 45.40 | 0.00 |
| North America | 1277 | 29.92 | 0.98 | 0.96 | 28.00 | 31.85 | 30.50 | 0.00 |

Table 5 | Statistical results in diameter part of this meta-analysis. RSPV - right superior pulmonary vein. RIPV - right inferior pulmonary vein. LSPV - left superior pulmonary vein. LIPV - left inferior pulmonary vein. RMPV – right middle pulmonary vein. LCPV – left common pulmonary vein. CT – computed tomography. MRI - magnetic resonance imaging. MRA - magnetic resonance angiography. LCL – lower confidence interval. HCL – higher confidence interval.