Supplementary Table 2: List of excluded studies with reasons and references

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| Excluded study | Reason |
| Lopez-Jaramillo et al[1] | Including prior stroke |
| Huang et al[2] | Including prior stroke |
| Wu et al[3] | Cross-sectional study |
| Jiang et al[4] | Cross-sectional study |
| Wang et al[5] | No stroke outcomes |
| Chen et al[6] | No stroke outcomes |
| Mirashafiei et al[7] | No stroke outcomes |
| Zhang et al[8] | On hypertensive population |
| Hu et al[9] | On hypertensive population |
| Esin et al[10] | On patients with patent foramen ovale |
| Ayca et al[11] | On patients with patent foramen ovale |
| Tian et al[12] | Overlapping data |
| Wang et al[13] | Overlapping data |
| Cui et al[14] | Overlapping data |
| Huang et al[15] | Overlapping data |
| Jung et al[16] | Overlapping data |
| Wang et al[17] | Overlapping data |
| Wang et al[18] | Overlapping data |
| Xu et al[19] | Overlapping data |
| Zhao et al[20] | Overlapping data |
| Cui et al[21] | Overlapping data |
| Xia et al[22] | Overlapping data |
| Xu et al[23] | Overlapping data |
| Liang et al[24] | Overlapping data |
| Yu et al[25] | Overlapping data |
| Wu et al[26] | Overlapping data |
| Feng et al[27] | Overlapping data |

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