| Study                      | Experimental |                  | Control |                  | Standardised Mean Difference | SMD          | 95%−CI      | Weight |
|---------------------------|--------------|------------------|---------|------------------|-----------------------------|-------------|-------------|--------|
|                           | Total Mean   | SD               | Total Mean | SD               |                             |             |             |        |
| Huh 2011 RVSP            | 9 23.00      | 8.05             | 8 17.60   | 5.37             |                             | 0.74        | [-0.25; 1.73] | 5.8%   |
| Rathinasabapathy 2016 RVSP a | 8 55.09     | 16.94            | 8 58.08   | 13.58            |                             | -0.18       | [-1.17; 0.80] | 5.9%   |
| Rathinasabapathy 2016 RVEDP a | 8 7.37      | 2.74             | 8 7.63    | 2.38             |                             | -0.10       | [-1.08; 0.88] | 5.9%   |
| Rathinasabapathy 2016 RV/LV EF a | 8 -0.56     | 0.11             | 8 -0.63   | 0.08             |                             | 0.66        | [-0.35; 1.68] | 5.6%   |
| Rathinasabapathy 2016 At/Et a | 8 -0.30     | 0.03             | 8 -0.33   | 0.06             |                             | 0.63        | [-0.38; 1.65] | 5.6%   |
| Rathinasabapathy 2016 RVOT a | 8 -0.76     | 0.06             | 8 -0.74   | 0.08             |                             | -0.26       | [-1.25; 0.72] | 5.8%   |
| Rathinasabapathy 2016 RV/LV EDA a | 8 0.59      | 0.17             | 8 0.68    | 0.48             |                             | -0.24       | [-1.22; 0.75] | 5.9%   |
| Rathinasabapathy 2016 RVOT b | 8 -0.76     | 0.06             | 8 -0.74   | 0.08             |                             | -0.26       | [-1.25; 0.72] | 5.8%   |
| Rathinasabapathy 2016 RVSP b | 8 34.84     | 11.14            | 7 33.29   | 4.21             |                             | 0.17        | [-0.85; 1.19] | 5.6%   |
| Rathinasabapathy 2016 RV/LV EDA b | 8 0.36      | 0.06             | 7 0.38    | 0.05             |                             | -0.34       | [-1.37; 0.68] | 5.5%   |
| Rathinasabapathy 2016 RV/LV EF b | 8 -0.64     | 0.06             | 7 -0.65   | 0.08             |                             | 0.14        | [-0.88; 1.15] | 5.6%   |
| Rathinasabapathy 2016 RVSP c | 7 32.11     | 7.25             | 7 36.22   | 7.41             |                             | -0.52       | [-1.60; 0.55] | 5.1%   |
| Rathinasabapathy 2016 RV/LV EDA c | 7 0.41      | 0.05             | 7 0.37    | 0.05             |                             | 0.71        | [-0.38; 1.80] | 5.0%   |
| Rathinasabapathy 2016 RV/LV EF c | 7 -0.67     | 0.11             | 7 -0.69   | 0.11             |                             | 0.18        | [-0.87; 1.23] | 5.3%   |
| Sutsko 2012 RVSP a        | 20 23.43     | 3.49             | 20 25.80  | 3.49             |                             | -0.67       | [-1.30; -0.03] | 10.3%  |
| Sutsko 2012 RVSP b        | 10 37.48     | 14.04            | 10 29.70  | 18.72            |                             | 0.45        | [-0.44; 1.34] | 6.8%   |
| Sutsko 2012 RVSP c        | 8 38.89      | 5.91             | 8 28.81   | 5.88             |                             | 1.62        | [0.44; 2.79] | 4.5%   |

**Random effects model** | 148 | 144 | 0.10 | [-0.17; 0.38] | 100.0% |

Heterogeneity: $I^2 = 26\%$, $\tau^2 = 0.0854$, $p = 0.16$