Supplementary Table 1. PFO attributable fraction (PFOAF) stratified by RoPE score in patients with CS and a large PFO

| RoPE score | No. of CS patients, (n=102) | No. of CS patients with a large PFO, (n=29) | Prevalence of patients with a large PFO, % (95% CI) | PFOAF, % |
|------------|-----------------------------|---------------------------------------------|--------------------------------------------------|---------|
| 0-3        | 0                           | 0                                           | NA                                               | NA      |
| 4          | 2                           | 1                                           | 50 (9.45-90.55)                                   | 76.1    |
| 5          | 9                           | 2                                           | 22.22 (5.34-55.72)                                | 16.29   |
| 6          | 23                          | 3                                           | 13.04 (3.69-32.97)                                | 0       |
| 7          | 27                          | 11                                          | 40.74 (24.48-59.31)                               | 65.22   |
| 8          | 19                          | 6                                           | 31.57 (15.16-54.20)                               | 48.17   |
| 9          | 18                          | 6                                           | 33.33 (16.10-56.43)                               | 52.17   |
| 10         | 4                           | 0                                           | 0 (0-54.59)                                      | NA      |
| 9-10       | 22                          | 6                                           | 27.27 (12.88-48.43)                               | 36.32   |
| 8-10       | 41                          | 12                                          | 29.27 (17.50-44.59)                               | 42.3    |
| 7-10       | 68                          | 23                                          | 33.82 (23.68-45.69)                               | 53.2    |
| 0-6        | 34                          | 6                                           | 17.65 (7.97-33.89)                                | 0       |

NA: not applicable

Supplementary Table 2. PFO attributable fraction (PFOAF) stratified by RoPE score in patients with CS and a moderate PFO

| RoPE score | No. of CS patients, (n=102) | No. of CS patients with a Large or Medium PFO, (n=38) | Prevalence of patients with a large or moderate PFO, % (95% CI) | PFOAF, % |
|------------|-----------------------------|--------------------------------------------------|--------------------------------------------------|---------|
| 0-3        | 0                           | 0                                                | NA                                                | NA      |
| 4          | 2                           | 1                                                | 50 (9.45-90.55)                                   | 62.3    |
| 5          | 9                           | 3                                                | 33.33 (11.73-64.91)                               | 24.5    |
| 6          | 23                          | 6                                                | 26.08 (12.26-46.76)                               | 0       |
| 7          | 27                          | 12                                               | 44.44 (27.57-62.70)                               | 52.9    |
| 8          | 19                          | 7                                                | 36.84 (19.05-59.06)                               | 33.33   |
| 9          | 18                          | 8                                                | 44.44 (24.54-66.30)                               | 52.9    |
| 10         | 4                           | 1                                                | 25 (3.41-71.09)                                   | 0       |
| 9-10       | 22                          | 9                                                | 40.9 (23.21-61.31)                                | 45.5    |
| 8-10       | 41                          | 16                                               | 39.02 (25.63-54.30)                               | 41.02   |
| 7-10       | 68                          | 28                                               | 41.18 (30.25-53.05)                               | 46.1    |
| 0-6        | 34                          | 10                                               | 29.41 (16.70-46.30)                               | 9.5     |

NA: not applicable
Supplementary Table 3. PFO attributable fraction (PFOAF) stratified by RopE score in patients with CS and a small PFO

| RoPE score | No. of CS patients, (n=102) | No. of CS patients with a small PFO, (n=12) | Prevalence of patients with a small PFO, % (95% CI) | PFOAF, % |
|------------|-----------------------------|---------------------------------------------|-----------------------------------------------|--------|
| 0-3        | 0                           | 0                                           | NA                                           | NA     |
| 4          | 2                           | 0                                           | 0 (0-70.98)                                  | NA     |
| 5          | 9                           | 1                                           | 11.11 (<0.01-45.67)                          | 0      |
| 6          | 23                          | 1                                           | 4.34 (<0.01-22.66)                           | 0      |
| 7          | 27                          | 2                                           | 7.4 (0.96-24.47)                             | 0      |
| 8          | 19                          | 3                                           | 15.78 (4.68-38.40)                           | 3.38   |
| 9          | 18                          | 5                                           | 27.7 (12.17-51.20)                           | 52.8   |
| 10         | 4                           | 0                                           | 0 (0-54.59)                                  | NA     |
| 9-10       | 22                          | 5                                           | 22.73 (9.71-43.85)                           | 38.47  |
| 0-8        | 80                          | 7                                           | 8.75 (4.04-17.24)                            | 0      |

NA: not applicable