**Table S1. Raw values of the Cardiac Output Measurements by two operators at each site used for inter-observer agreement analysis.**

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| --- | --- | --- |
| **Operator 1 CO Measurement (L/min)** | **Operator 2 CO Measurement (L/min)** | **Difference (L/min)** |
| **Site 1** |
| 8 | 8.3 | -0.3 |
| 7.6 | 7.6 | 0 |
| 9 | 8.5 | 0.5 |
| 7.8 | 7.1 | 0.7 |
| 8.7 | 8.5 | 0.2 |
| 9.1 | 9.2 | -0.1 |
| 7.6 | 7.3 | 0.3 |
| 11 | 12 | -1 |
| 8 | 7.8 | 0.2 |
| 7 | 9.3 | -2.3 |
| 7.8 | 7.2 | 0.6 |
| 8.2 | 7.7 | 0.5 |
| 7.3 | 7.1 | 0.2 |
| 6 | 6 | 0 |
| 7.5 | 7.1 | 0.4 |
| 5.8 | 6.2 | -0.4 |
| 5.3 | 5.4 | -0.1 |
| 6.9 | 6.4 | 0.5 |
| 6.3 | 5.7 | 0.6 |
| 8.2 | 8.6 | -0.4 |
| 5.1 | 5.2 | -0.1 |
| 7.3 | 7.6 | -0.3 |
| 6.8 | 7.1 | -0.3 |
| 6.4 | 5.7 | 0.7 |
| 8.4 | 8 | 0.4 |
| 8.3 | 7.3 | 1 |
| 8.3 | 7.5 | 0.8 |
| 10 | 11 | -1 |
| 7.1 | 8.2 | -1.1 |
| 11 | 9.3 | 1.7 |
| **Site 2** |
| 6 | 6.1 | -0.1 |
| 7.5 | 7.2 | 0.3 |
| 8.1 | 7.6 | 0.5 |
| 8.2 | 7.5 | 0.7 |
| 6.6 | 6.1 | 0.5 |
| 9.9 | 9.7 | 0.2 |
| 5.9 | 6.2 | -0.3 |
| 4.9 | 5.3 | -0.4 |
| 8.8 | 6.4 | 2.4 |
| 7.8 | 8.1 | -0.3 |
| 6.6 | 6.4 | 0.2 |
| 6.9 | 6.6 | 0.3 |
| 6.8 | 6.7 | 0.1 |
| 4 | 6.3 | -2.3 |
| 4 | 4.1 | -0.1 |
| 9.5 | 9 | 0.5 |
| 6.9 | 8 | -1.1 |
| 7.9 | 7.5 | 0.4 |
| 8 | 7.9 | 0.1 |
| 7 | 7.2 | -0.2 |
| 7 | 7.1 | -0.1 |
| 7.1 | 7.9 | -0.8 |
| 5.1 | 4.9 | 0.2 |
| 8 | 7.9 | 0.1 |
| 5.1 | 6.4 | -1.3 |
| 6.6 | 6.8 | -0.2 |
| 6.6 | 6.9 | -0.3 |
| 8.9 | 8.5 | 0.4 |
| 4.4 | 4.2 | 0.2 |
| 5.1 | 5.4 | -0.3 |
| **Site 3** |
| 7.1 | 6.6 | 0.5 |
| 7.8 | 6.7 | 1.1 |
| 9.1 | 8.8 | 0.3 |
| 6.5 | 7.1 | -0.6 |
| 6.8 | 6.4 | 0.4 |
| 7.9 | 7.4 | 0.5 |
| 7.7 | 6.4 | 1.3 |
| 6.8 | 7.5 | -0.7 |
| 6.7 | 6.1 | 0.6 |
| 6.2 | 7.1 | -0.9 |
| 8 | 7.9 | 0.1 |
| 7 | 6.7 | 0.3 |
| 5 | 4.8 | 0.2 |
| 7.9 | 7.3 | 0.6 |
| 5.3 | 5.1 | 0.2 |
| 6 | 6.4 | -0.4 |
| 6.7 | 7.1 | -0.4 |
| 6.2 | 6.5 | -0.3 |
| 7.7 | 7.3 | 0.4 |
| 9.2 | 9.9 | -0.7 |
| 6.9 | 7.4 | -0.5 |
| 8.9 | 7.8 | 1.1 |
| 7.5 | 7.2 | 0.3 |
| 8.6 | 7.6 | 1 |
| 6.1 | 7.7 | -1.6 |
| 7.3 | 7.2 | 0.1 |
| 8.4 | 9 | -0.6 |
| 6.1 | 5.2 | 0.9 |
| 6.2 | 8.1 | -1.9 |
| 6 | 6.1 | -0.1 |
| 7.5 | 7.3 | 0.2 |
| 7 | 6.4 | 0.6 |
| **Site 4** |
| 8.9 | 8.2 | 0.7 |
| 6.2 | 7 | -0.8 |
| 8.8 | 10 | -1.2 |
| 6.9 | 6.5 | 0.4 |
| 6.4 | 8.4 | -2 |
| 8.3 | 9.9 | -1.6 |
| 5.7 | 5.7 | 0 |
| 6.7 | 7.3 | -0.6 |
| 8.9 | 9 | -0.1 |
| 7.1 | 6.7 | 0.4 |
| 8 | 8.8 | -0.8 |
| 8.4 | 9.3 | -0.9 |
| 6.9 | 7.6 | -0.7 |
| 9.3 | 8.5 | 0.8 |
| 5.7 | 5.7 | 0 |
| 6.7 | 6.6 | 0.1 |
| 9.1 | 8.4 | 0.7 |
| 6.3 | 6.6 | -0.3 |
| 5.3 | 5.9 | -0.6 |
| 7.1 | 7.4 | -0.3 |
| 5.7 | 5.6 | 0.1 |
| 7.3 | 6.8 | 0.5 |
| 6.9 | 7.5 | -0.6 |
| 6.2 | 7.4 | -1.2 |
| 7.5 | 8.2 | -0.7 |
| 4.8 | 6.4 | -1.6 |
| 6.7 | 7.2 | -0.5 |
| 7.8 | 8.9 | -1.1 |
| 8.6 | 8.8 | -0.2 |
| 7.3 | 9.5 | -2.2 |

(L/min = litres per minute)