**Supplementary Table 5.** Distribution of covariates by latent classes.

|  |  |  |  |
| --- | --- | --- | --- |
| **Factor** | **Low-risk class** | **High-risk class**  | **P-value** |
| **N** | 119 | 39 |  |
| Mortality  |  |  | <0.001 |
|  No | 101 (84.9%) | 20 (51.3%) |  |
|  Yes | 18 (15.1%) | 19 (48.7%) |  |
| Age group |  |  | 0.18 |
|  < 60 years | 62 (53.4%) | 16 (41.0%) |  |
|  ≥ 60 years | 54 (46.6%) | 23 (59.0%) |  |
| Sex |  |  | 1.00 |
|  Female | 84 (71.8%) | 28 (71.8%) |  |
|  Male | 33 (28.2%) | 11 (28.2%) |  |
| Insurance  |  |  | <0.001 |
|  Medicare | 75 (63.0%) | 5 (12.8%) |  |
|  Commercial  | 22 (18.5%) | 0 (0.0%) |  |
|  Charity  | 18 (15.1%) | 0 (0.0%) |  |
|  None | 4 (3.4%) | 34 (87.2%) |  |
| Marital status  |  |  | <0.001 |
|  In relationship | 55 (46.2%) | 0 (0.0%) |  |
|  Not in relationship | 64 (53.8%) | 39 (100.0%) |  |
| Employed |  |  | 0.050 |
|  Not/retired employed  | 61 (51.3%) | 27 (69.2%) |  |
|  Employed  | 58 (48.7%) | 12 (30.8%) |  |
| Language  |  |  | 0.86 |
|  English  | 69 (58.0%) | 22 (56.4%) |  |
|  Spanish  | 50 (42.0%) | 17 (43.6%) |  |
| mPAP, mean (SD) | 41.44 (12.17) | 48.78 (13.01) | 0.002 |
| CO, mean (SD) | 4.00 (1.73) | 3.41 (1.68) | 0.066 |
| WHO-FC |  |  | 0.002 |
|  ≤ 2 | 34 (28.6%) | 2 (5.1%) |  |
|  > 2 | 85 (71.4%) | 37 (94.9%) |  |

WHO-FC: World Health Organization Functional Classification; 6mwd: six-minute walk distance; mPAP: mean pulmonary pressure; CO: cardiac output. Data are presented as counts and percentages for each factor in low-risk and high-risk classes. P-values indicate statistical significance for each factor.