Subgroup analysis

Supplementary Table1. Linear Regression Analyses for the Functional Outcome (n=58)

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| --- | --- |
| Variables | Regression(Predicted VO2max ) |
| β | p-value |
| Initial | Berg balance scale | 1.149 | <0.002\* |
| Trunk impairment scale | 0.283 | 0.036\* |
| Functional Independence Measure | 1.390 | 0.001\* |
| Functional Ambulatory Scale  | 0.007 | 0.024\* |
| Timed Up and Go test | 0.403 | 0.705 |
| 10m walking time | -1.216 | 0.240 |
| Functional reach | 0.803 | 0.001\* |
| 1-month follow up | Berg balance scale | 1.231 | <0.001\*\* |
| Trunk impairment scale | 0.279 | 0.001\* |
| Functional Independence Measure | 1.784 | <0.001\*\* |
| Functional Ambulatory Scale  | 0.059 | 0.059 |
| Timed Up and Go test | -0.487 | 0.641 |
| 10m walking time | -0.215 | 0.737 |
| Functional reach | 0.810 | 0.001\*\* |

\* P<0.05, \*\* P<0.001Supplementary Table2. Linear Regression Analyses between the Predicted VO2max and Pulmonary Function (n=58)

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| --- | --- |
| Variables | Regression(Predicted VO2max) |
| β | p-value |
| PCF | 0.917 | 0.009\* |
| MIP | 0.693 | 0.137 |
| MEP | 0.632 | 0.106 |
| FVC | 0.441 | 0.283 |
| FEV1 | 0.490 | 0.271 |
| FEV1/FVC | -0.217 | 0.628 |

\* P<0.05

PCF, Peak Cough Flow; MIP, Maximal Inspired Pressure; MEP, Maximal Expired Pressure; FVC, Forced Vital Capacity; FEV1, Forced Expiratory Volume in 1 s.