

Table VI General characteristics and daily physical activity measures of clusters of patients with COPD.

Characteristic/Physical activity measure	Cluster 1 (very long very light intensity/very short moderate-to-vigorous intensity)	Cluster 2 (very long very light intensity/ short moderate-to-vigorous intensity)	Cluster 3 (long very light intensity/short moderate-to-vigorous intensity)	Cluster 4 (long very light intensity/long moderate-to-vigorous intensity)	Cluster 5 (intermediate very light intensity/very long moderate-to-vigorous intensity)	P-value
General characteristics						
N	216	415	184	165	21	
Age, yrs	68 (62 – 74)	67 (61 – 72)	67 (60 – 72)	63 (58 – 70) ^{†,‡}	63 (56 – 68)	<0.0001
Male, %	67	67	51	76	67	0.32
BMI, kg·m ⁻²	30.4 (26.5 – 34.7)	25.7 (22.6 – 29.0) [†]	24.9 (22.2 – 27.4) [†]	23.1 (20.3 – 26.8) ^{†,‡}	22.5 (18.3 – 30.9) [†]	<0.0001
FEV ₁ , % predicted	44 (32 – 58)	48 (34 – 61)	57 (41 – 71) ^{†,‡}	50 (36 – 68) [†]	51 (39 – 70)	<0.0001
mMRC dyspnoea grade, points*	2 (1 – 3)	2 (1 – 3) [†]	1 (1 – 2) ^{†,‡}	1 (0 – 3) [†]	1 (0 – 2) ^{†,‡}	<0.0001
ADO index*	5 (3 – 6)	4 (3 – 5) [†]	4 (3 – 5) ^{†,‡}	4 (3 – 5) [†]	3 (2 – 4) ^{†,‡}	<0.0001
GOLD 2007 classification 1 / 2 / 3 / 4, %	4 / 34 / 43 / 19	8 / 38 / 35 / 19	18 / 46 / 23 / 13	9 / 42 / 31 / 18	10 / 43 / 33 / 14	0.17
GOLD 2011 classification A / B / C / D, %*	18 / 19 / 16 / 47	28 / 15 / 17 / 40	44 / 16 / 16 / 24	31 / 13 / 20 / 36	44 / 6 / 28 / 22	0.02
Physical activity measures in very light intensity						
Time, min·day ⁻¹	955 (904 – 1042)	823 (768 – 879) [†]	706 (641 – 769) ^{†,‡}	675 (604 – 735) ^{†,‡}	516 (456 – 621) ^{†,‡,§}	<0.0001
EE, METs·min·day ⁻¹	1356 (1165 – 1730)	1022 (854 – 1222) [†]	855 (729 – 1118) ^{†,‡}	789 (692 – 1019) ^{†,‡}	853 (661 – 1884) [†]	<0.0001
Time in ≥10-min bouts, min·day ⁻¹	890 (815 – 968)	680 (622 – 745) [†]	534 (452 – 601) ^{†,‡}	490 (415 – 561) ^{†,‡}	340 (254 – 444) ^{†,‡,§}	<0.0001
Frequency of ≥10-min bouts, bouts·day ⁻¹	17 (14 – 20)	20 (17 – 22) [†]	18 (16 – 20) ^{†,‡}	17 (15 – 20) [†]	12 (11 – 16) ^{†,‡,§,}	<0.0001
Average duration of ≥10-min bouts, min·bout ⁻¹	53 (43 – 65)	35 (30 – 41) [†]	29 (25 – 34) ^{†,‡}	27 (24 – 32) ^{†,‡}	26 (22 – 32) ^{†,‡}	<0.0001
EE in ≥10-min bouts, METs·min·day ⁻¹	1257 (1068 – 1632)	836 (693 – 1050) [†]	628 (516 – 862) ^{†,‡}	589 (467 – 779) ^{†,‡}	704 (420 – 1185) [†]	<0.0001
Physical activity measures in light intensity						
Time, min·day ⁻¹	57 (35 – 79)	139 (113 – 167) [†]	245 (208 – 282) ^{†,‡}	167 (134 – 209) ^{†,‡,§}	121 (87 – 163) ^{†,§,}	<0.0001
EE, METs·min·day ⁻¹	196 (121 – 305)	408 (320 – 517) [†]	725 (591 – 958) ^{†,‡}	526 (366 – 735) ^{†,‡,§}	416 (227 – 1093) ^{†,§}	<0.0001
Time in ≥10-min bouts, min·day ⁻¹	0 (0 – 3)	8 (3 – 16) [†]	46 (32 – 65) ^{†,‡}	8 (3 – 16) ^{†,§}	0 (0 – 4) ^{†,§,}	<0.0001

4.4 Results