**Supplementary table 2.** Comparison of number of EXACT-identified events and HCRU events (ITT population)

EXACT events (n=374)	All HCRU events	HCRU event severity <sup>a</sup>		
		Mild	Moderate	Severe
	n=155	n=30	n=109	n=16
EXACT event, n (%)	54 (34.8)	10 (33.3)	39 (35.8)	5 (31.3)
No EXACT event, n (%)	101 (65.2)	20 (66.7)	70 (64.2)	11 (68.7)

<sup>&</sup>lt;sup>a</sup>Mild = self-managed by increasing usual COPD medication (short-acting bronchodilator and/or inhaled corticosteroids); moderate = treated with antibiotics and/or systemic corticosteroids or an increase in systemic corticosteroids; severe = requiring hospitalisation.

EXACT, EXAcerbations of Chronic obstructive pulmonary disease Tool; HCRU, healthcare resource utilisation; ITT, intent-to-treat.