

Supplemental Table 2 Adjusted rates of COPD exacerbations in the DYNAGITO study (treated set)

	Japanese subgroup				Overall study population			
	Adjusted rate of events				Adjusted rate of events			
	[per patient-year], (95% CI)		Annualized rate ratio		[per patient-year], (95% CI)		Annualized rate	
	TIO 5 µg (n=235)	TIO+OLO 5/5 µg (n=226)	of TIO+OLO to TIO (95% CI)	P value	TIO 5 µg (n=3941)	TIO+OLO 5/5 µg (n=3939)	ratio of TIO+OLO to TIO (95% CI)	P value
Moderate-to-severe COPD exacerbation	1.32 (0.97, 1.80)*	0.94 (0.69, 1.28)*	0.71 (0.46, 1.10)*	0.0434	0.97 (0.90, 1.03)*	0.90 (0.84, 0.96)*	0.93 (0.85, 1.02)*	0.0498
COPD exacerbation treated with antibiotics only	0.32 (0.23, 0.45)	0.38 (0.28, 0.52)	1.19 (0.76, 1.85)	0.4504	0.25 (0.23, 0.27)	0.27 (0.25, 0.29)	1.07 (0.96, 1.20)	0.2062
COPD exacerbation treated with systemic corticosteroids only	0.32 (0.18, 0.56)	0.12 (0.07, 0.23)	0.38 (0.17, 0.89)	0.0252	0.17 (0.15, 0.19)	0.14 (0.12, 0.15)	0.80 (0.68, 0.94)	0.0068
COPD exacerbation treated with antibiotics and systemic corticosteroids	0.67 (0.49, 0.94)	0.41 (0.30, 0.58)	0.61 (0.39, 0.98)	0.0393	0.53 (0.50, 0.57)	0.48 (0.45, 0.52)	0.91 (0.83, 1.00)	0.0447
Severe COPD exacerbations	0.43 (0.30, 0.60)	0.35, (0.25, 0.48)	0.81 (0.51, 1.31)	0.3924	0.27 (0.25, 0.30)	0.24 (0.22, 0.27)	0.89 (0.78, 1.02)	0.0903

COPD exacerbation leading to hospitalization	0.36 (0.25, 0.51)	0.31 (0.22, 0.44)	0.86 (0.52, 1.42)	0.5654	0.20 (0.18, 0.22)	0.18 (0.16, 0.20)	0.89 (0.76, 1.03)	0.1265
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* 99% confidence interval.

Abbreviations: CI, confidence interval; COPD, chronic obstructive pulmonary disease; OLO, olodaterol; TIO, tiotropium.