

TABLE S8. Correlations between Asthma Control Questionnaire (ACQ-7) and clinical parameters and IgA⁺ memory B cells

Clinical variable	Variable	estimate	adjusted p-value
ACQ 7 [point sum]	AX [kPa/l/s]	0.433	< 0.001
ACQ 7 [point sum]	R5-R20 [kPa/l/s]	0.432	< 0.001
ACQ 7 [point sum]	Blood neutrophils [1000/ μ l]	0.383	< 0.001
ACQ 7 [point sum]	ICS (Fluticasone-equivalent) [μ g/d]	0.312	0.004
ACQ 7 [point sum]	Sputum eosinophils [%]	0.303	0.008
ACQ 7 [point sum]	CD27 ⁺ IgA ⁺ B cell [%]	0.221	0.037
ACQ 7 [point sum]	FeNO [ppb]	0.213	0.046
ACQ 7 [point sum]	CD27-IgA ⁺ B cell [%]	0.208	0.049
ACQ 7 [point sum]	Blood eosinophils [1000/ μ l]	0.197	0.065
ACQ 7 [point sum]	Disease Duration [yrs]	0.165	0.12
ACQ 7 [point sum]	Age [yrs]	0.162	0.123
ACQ 7 [point sum]	BMI [Kg/m ²]	0.154	0.144
ACQ 7 [point sum]	Sputum neutrophils [%]	0.029	0.831
ACQ 7 [point sum]	Smoking [py]	-0.053	0.658
ACQ 7 [point sum]	Specific IgE [kU/l]	-0.18	0.088
ACQ 7 [point sum]	OCS [mg/d]	-0.193	0.405
ACQ 7 [point sum]	FEV ₁ /FVC [z-score]	-0.439	< 0.001
ACQ 7 [point sum]	FEV ₁ [z-score]	-0.521	< 0.001
ACQ 7 [point sum]	FEF ₂₅₋₇₅ [z-score]	-0.535	< 0.001

TABLE S8. Correlations between Asthma Control Questionnaire (ACQ-7) and clinical parameters and IgA⁺ memory B cells. Estimates and adjusted p-values after multiple test corrections are shown. FEV₁, forced expiratory volume in 1 second; FVC, forced vital capacity; FEV₁/FVC, FEV₁ as % of FVC; FEF₂₅₋₇₅, forced expiratory flow at 25% - 75% of FVC; IgE, Immunoglobulin E; OCS, oral corticosteroids; FeNO, fractional exhaled nitric oxide; ppb, parts per billion; BMI, Body Mass Index; yrs, years; PY, pack-years; ICS, inhaled corticosteroids; AX, reactance area [kPa/l/s]; R5–R20, resistance at 5 Hz – resistance at 20 Hz [kPa/l/s].