

Table E3. Comparison between included (n=26) and excluded (n=13) subject characteristics.

	AR	R	C	AR excluded	R excluded	C excluded	AR vs AR excluded p-value	R vs R excluded p-value	C vs C excluded p-value
Sample size	7	10	9	5	4	4			
Age, years	22(21;24)	26(22.5;28.75)	29(25;36)	22 (21;22)	22 (20.75;26.25)	32.5 (30;36)	0.51	0.48	0.44
Sex ratio (M/F)	5/2	7/3	2/7	4 / 1	2 / 2	2 / 2	1	0.58	0.53
PAREO score	8(6.5;8.5)	7(6.25;8)	na	5 (4;7)	6 (5.5;6.5)	na	0.22	0.32	na
SNOT-22 score	32(22;47)	26(22;35.75)	na	25 (18.25;29.75)	30 (23.75;38)	na	0.34	0.80	na
Number of sensitizations	5(4.5;6.5)	3(2;5.25)	0	4 (3;6)	4 (2;6)	0 (0;0)	0.46	0.94	0.39
Dust mite sensitization (n)	5	8	0	4	4	0	1.00	1.00	na
Intermittent/ persistent rhinitis	1/6	2/8	na	3 / 2	0 / 4	na	0.22	1.00	na
Mild/moderate- severe Rhinitis	1/6	3/7	na	2 / 3	1 / 3	na	0.53	1.00	na
Rhinitis duration (y)	6.4(3.98;18.64)	14.47(6.43; 15.46)	na	14.55 (14.4;15.55)	6.73 (5.61;9.64)	na	0.53	0.47	na
Partly controlled/ controlled asthma	2/5	na	na	0 / 5	na	na	0.47	na	na
FEV1, % predicted	91.4(86.8;9 7.1)	100.1(96.6;103. 2)	96.8(93.4;98.7)	91.6 (84;95.95)	108.3 (105.4;112.2)	103.7 (99.1;109.8)	0.11	0.64	0.33
FEF₂₅₋₇₅, % predicted	74(69.4;89.4)	105.3(89;116.6)	92.1(81.4;96 .2)	76.4 (49;80.6)	100.9(94.3;113)	82.5 (78.;88.4)	0.42	0.95	0.71
Asthma	2.98(1.98;11.84)	na	na	14.47(11.6;15.2)	na	na	0.39	na	na

duration (y))			9)					
Nasal cell count (x10⁵ cells)	7.5(6.85;9.5)	8.6(6.8;12)	7.2(5;8)	12(11.25;12.05)	11.8 (6.6;17.45)	19.9(13.5;26.1)	0.17	0.49	0.10
Nasal epithelial cells (%)	91.5(80.1;93.5)	86.9(85.5;91.7)	98(95.6;98.8)	57.7 (56.9;59.4)	55.4 (46.3;64.5)	66.1 (60.4;71.1)	0.00	0.00	0.00
Nasal mastocytes (%)	0.14(0.11;0.33)	0.15(0.05;0.24)	0.01(0.01;0.04)	0.12 (0.07;0.25)	0.13 (0.08;0.16)	0.02 (0.01;0.03)	0.43	0.45	0.94
Nasal eosinophils (%)	0.04(0.03;0.10)	0.21(0.07;0.77)	0.01(0;0.04)	0.14 (0.07;0.59)	0.25 (0.23;0.33)	0.13 (0.04;0.23)	0.15	0.84	0.11
Nasal LT (%)	0.93(0.67;2.18)	1.73(0.88;2.5)	0.35(0.29;0.68)	1.09 (0.57;1.21)	0.91 (0.61;1.37)	0.81 (0.49;2.52)	0.64	0.45	0.15
Nasal LB (%)	0.05(0.01;0.38)	0.03(0.01;0.06)	0.01(0;0.03)	0.04 (0.03;0.09)	0.71 (0.11;2.26)	0.08 (0.01;2.06)	1.00	0.24	0.15
Nasal PMN (%)	2.66(1.09;3.56)	4.14(1.48;6.53)	0.22(0.09;0.58)	37.71 (27.61;37.74)	35.56 (29.8;42.82)	26.3 (15.83;34.34)	0.00	0.00	0.01
Bronchial cell count (x10⁵ cells)	9.5(8.25;10.15)	15(9;21)	13(8;17)	11(62.5;15)	13.4(9.7;21)	10.1(6.65;15.75)	0.92	0.70	0.71
Bronchial epithelial cells (%)	94.3(90.3;94.9)	92.5(88.3;94.3)	94.2(92.7;95.9)	89.9 (88.8;95)	92.8 (88.4;94.6)	91.4 (89.1;92.9)	0.64	0.95	0.05
Bronchial mastocytes (%)	0.86(0.52;1.13)	0.39(0.29;0.46)	0.07(0.04;0.08)	1.13 (1.08;1.24)	0.5 (0.3;0.64)	0.3 (0.19;0.68)	0.43	0.95	0.05
Bronchial eosinophils (%)	0.02(0.01;0.03)	0.07(0.03;0.09)	0.02(0.01;0.03)	0.01 (0.01;0.06)	0.06 (0.01;0.11)	0.01 (0;0.03)	0.88	0.73	0.71
Bronchial LT (%)	1.8(1.12;2.59)	1.93(1.53;2.91)	1.59(0.82;1.65)	1.75 (1.31;1.98)	1.87 (1.41;2.65)	3.29 (2.86;4.63)	1.00	0.95	0.01
Bronchial LB (%)	0.03(0.01;0.04)	0.04(0.01;0.15)	0.05(0.02;0.07)	0.03 (0.02;0.04)	0.03 (0.02;2.86)	0.03 (0.03;0.14)	1.00	0.84	1.00
Bronchial PMN (%)	0.43(0.19;0.64)	1.25(0.3;2.39)	1.98(0.68;2.03)	0.51 (0.31;0.9)	0.97 (0.8;1.06)	1.49 (0.78;2.25)	0.76	0.95	0.60