

Atopic dermatitis phenotypes in preschool and school-age children: a latent class analysis

Table S1. Clinical manifestations and comorbidities of dermatitis by detected class in preschool-age children.

	Class 1 n=16 (8%)	Class 2 n=73 (35%)	Class 3 n=42 (20%)	Class 4 n=65 (32%)	Class 5 n=10 (5%)
Atopy	10 (62%)	29 (42%)	17 (46%)	42 (68%)	9 (90%)
Food allergy	6 (38%)	14 (20%)	9 (24%)	14 (23%)	6 (60%)
Moderate/severe AD	16 (100%)	50 (69%)	5 (12%)	3 (5%)	0 (0%)
Severe AD	11 (69%)	11 (15%)	1 (2%)	0 (0%)	0 (0)
>3 exacerbations in the last 6 mo.	16 (100%)	46 (63%)	0 (0%)	6 (9%)	10 (100%)
Itch without lesions	12 (75%)	49 (67%)	7 (17%)	34 (52%)	6 (60%)
Night awakenings	16 (100%)	58 (79%)	7 (17%)	18 (28%)	4 (40%)
Lower respiratory comorbidities*	15 (94%)	7 (10%)	0 (0%)	37 (57%)	1 (10%)
Uncontrolled wheezing	1 (6%)	1 (1%)	0 (0%)	5 (8%)	0 (0%)
Upper respiratory comorbidities**	16 (100%)	30 (41%)	0 (0%)	61 (94%)	8 (80%)
Food induced comorbidities***	7 (44%)	2 (3%)	8 (20%)	8 (13%)	10 (100%)

Class 1: "moderate-severe, comorbid AD"; Class 2: "moderate-severe, low comorbid AD"; Class 3: "mild, low comorbid AD"; Class 4: "mild AD, respiratory comorbidity"; Class 5: "mild AD, food-induced comorbidity".
*Wheezing or asthma. **Allergic rhinitis or conjunctivitis or rhino-conjunctivitis. ***Urticaria, angioedema, oral allergic syndrome or anaphylaxis.

Table S2. Clinical manifestations and comorbidities of dermatitis by detected class in school-age children.

	Class 1 n=40 (24%)	Class 2 n=17 (10%)	Class 3 n=27 (16%)	Class 4 n=81 (49%)
Atopy	36 (92%)	6 (38%)	1 (4%)	78 (99%)
Food allergy	20 (50%)	4 (25%)	0 (0%)	16 (20%)
Moderate/severe AD	30 (75%)	14 (82%)	1 (4%)	18 (23%)
Severe AD	6 (15%)	2 (12%)	0 (0%)	1 (1%)
>3 exacerbations in the last 6 mo.	39 (98%)	15 (88%)	8 (30%)	7 (9%)
Itch without lesions	35 (88%)	8 (47%)	11 (41%)	38 (47%)
Night awakenings	29 (72%)	17 (100%)	0 (0%)	25 (31%)
Lower respiratory comorbidities*	28 (70%)	3 (18%)	3 (12%)	31 (39%)
Uncontrolled wheezing	6 (15%)	0 (0%)	1 (4%)	14 (17%)
Upper respiratory comorbidities**	40 (100%)	8 (47%)	15 (56%)	73 (90%)
Food induced comorbidities***	25 (64%)	3 (19%)	3 (12%)	8 (10%)

Class 1: "moderate-severe, comorbid AD"; Class 2: "moderate-severe, low comorbid AD"; Class 3: "mild, low comorbid AD"; Class 4: "mild AD, respiratory comorbidity". *Wheezing or asthma. **Allergic rhinitis or conjunctivitis or rhino-conjunctivitis. ***Urticaria, angioedema, oral allergic syndrome or anaphylaxis.