

MAPed Project-Passive Smoke Exposure in Children Questionnaire (PSEC-Q)

Section A

1) Gender

- ☐ Female ☐ Male

2) Work experience (years)

- ☐ ≤5 years
☐ 11–15 years
☐ ≥15 years

3) Do you smoke?

- ☐ Never smoker ☐ Ex smoker/smoker

4) Have you ever been exposed to passive smoke during childhood?

- ☐ Yes ☐ No

Section B

5) What barriers prevent you from discussing PSEC?

5.1) Speaking of this topic I invade the privacy of parents

- ☐ Very applicable
☐ Quite applicable
☐ Neutral
☐ Not very applicable
☐ Inapplicable

5.2) I expect that discussing this topic may compromise the doctor/patient relationship

- ☐ Very applicable
☐ Quite applicable
☐ Neutral
☐ Not very applicable
☐ Inapplicable

5.3) I have no time to discuss the topic during the visit

- ☐ Very applicable
☐ Quite applicable
☐ Neutral
☐ Not very applicable
☐ Inapplicable

5.4) I do not consider the subject so important to be faced during a medical examination

- ☐ Very applicable

- ☐ Quite applicable
- ☐ Neutral
- ☐ Not very applicable
- ☐ Inapplicable

5.5) There is no need to tackle this topic during the medical examination, as nothing will change for the child

- ☐ Very applicable
- ☐ Quite applicable
- ☐ Neutral
- ☐ Not very applicable
- ☐ Inapplicable

5.6) I do not consider it my responsibility to talk about this topic during the medical examination

- ☐ Very applicable
- ☐ Quite applicable
- ☐ Neutral
- ☐ Not very applicable
- ☐ Inapplicable

5.7) I have no knowledge on the subject that I can deal with during the medical examination

- ☐ Very applicable
- ☐ Quite applicable
- ☐ Neutral
- ☐ Not very applicable
- ☐ Inapplicable

5.8) I have limited communication skills to address this topic during the medical examination

- ☐ Very applicable
- ☐ Quite applicable
- ☐ Neutral
- ☐ Not very applicable
- ☐ Inapplicable

Section C

6) What incentives encourage you to discuss PSEC?

6.1) A child who complains of asthma-related disorders

- ☐ Very likely
- ☐ Likely
- ☐ Not very likely
- ☐ Unlikely

6.2) A family with a history of sudden infant death syndrome

- ☐ Very likely

- ☐ Likely
- ☐ Not very likely
- ☐ Unlikely

6.3) A child with otitis media with effusion

- ☐ Very likely
- ☐ Likely
- ☐ Not very likely
- ☐ Unlikely

6.4) The smell of tobacco around the child and/or parent

- ☐ Very likely
- ☐ Likely
- ☐ Not very likely
- ☐ Unlikely

6.5) The visible presence of cigarettes or smoking accessories with the parent

- ☐ Very likely
- ☐ Likely
- ☐ Not very likely
- ☐ Unlikely

Section D

7.1) Does any member of your family smoke?

- ☐ Always
- ☐ Often
- ☐ Occasionally
- ☐ Never

7.2) Does anyone smoke in the presence of your child?

- ☐ Always
- ☐ Often
- ☐ Occasionally
- ☐ Never

7.3) Does anyone smoke inside your car?

- ☐ Always
- ☐ Often
- ☐ Occasionally
- ☐ Never

7.4) Did you make efforts to prevent your child's passive smoking?

- ☐ Always
- ☐ Often
- ☐ Occasionally

☐ Never

7.5) Is the parent aware of the consequences of passive smoking on the health of the child?

☐ Always

☐ Often

☐ Occasionally

☐ Never

7.6) Do you provide information on the effects on children's health caused by exposure to passive smoking?

☐ Always

☐ Often

☐ Occasionally

☐ Never

7.7) Could you indicate your difficulty in dealing with the argument of overweight and/or obesity in children during the medical examination?

☐ Very difficult

☐ Difficult

☐ Neutral

☐ Easy

☐ Very easy

7.8) Could you indicate what is your degree of difficulty in dealing with the topic of parental negligence towards children during the medical examination?

☐ Very difficult

☐ Difficult

☐ Neutral

☐ Easy

☐ Very easy

7.9) Could you indicate what your difficulty level is in addressing the subject of child abuse during the medical examination?

☐ Very difficult

☐ Difficult

☐ Neutral

☐ Easy

☐ Very easy

7.10) Could you indicate what is your difficulty level in addressing the topic of exposure of the child to passive smoking during the medical examination?

☐ Very difficult

☐ Difficult

☐ Neutral

☐ Easy

☐ Very easy

7.11) Could you indicate what your difficulty level is in addressing the subject of parent's dependencies during the medical examination?

☐ Very difficult

☐ Difficult

☐ Neutral

☐ Easy

☐ Very easy

7.12) Do you advise smokers in the family to stop smoking in the presence of the child?

☐ Yes

☐ No

7.13) From your point of view, who is in charge of discussing exposure to passive smoking in children?

☐ Pediatrician

☐ Pulmonologist

☐ General medical practitioner

7.14) Have you ever received post-graduate training on exposure to passive smoking in children?

☐ Yes

☐ No

7.15) Would you be interested in receiving training on exposure to passive smoking in children?

☐ Yes

☐ No

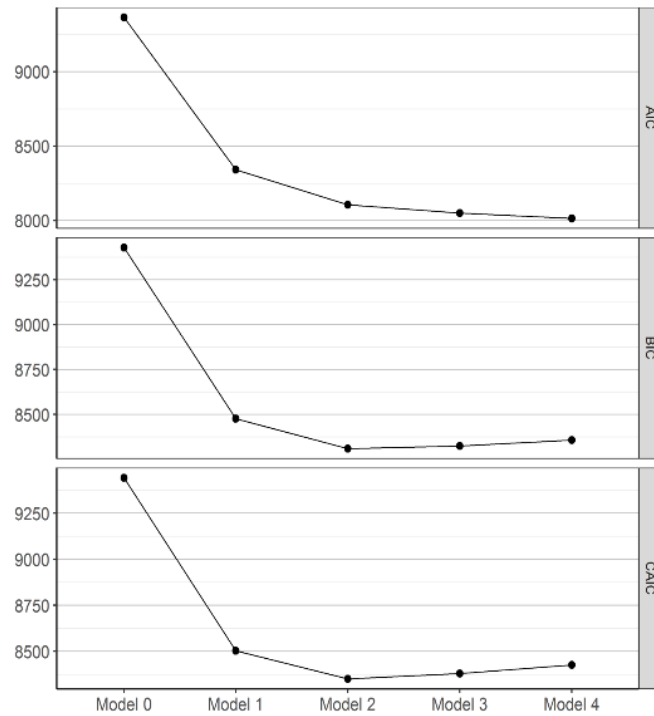


Figure S1 AIC, BIC and CAIC of different latent class models; Model 0: 1-class solution; Model 1: 2-class solution; Model 2: 3-class solution; Model 3: 4-class solution; Model 4: 5-class solution. AIC, Akaike Information Criterion; BIC, Bayesian Information Criterion; CAIC, Consistent AIC.

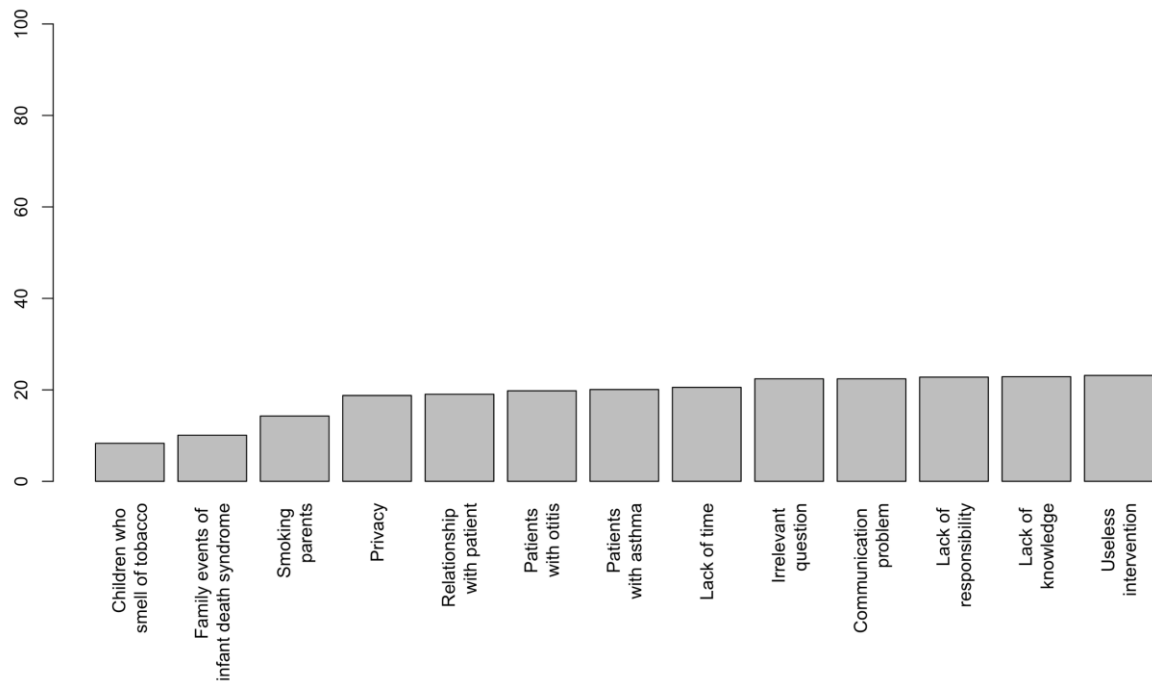


Figure S2 Percentages of missingness for each variable of interest.

Table S1 Discussed topics of the respondents by LCA classes

Topics	Class 1: passive (n=226), n (%)	Class 2: unmotivated (n=124), n (%)	Class 3: proactive (n=721), n (%)	P value
Does any member of your family smoke?				<0.001
Always	108 (49.32)	51 (44.74)	429 (65.20)	
Often	79 (36.07)	49 (42.98)	156 (23.71)	
Occasionally	28 (12.79)	12 (10.53)	57 (8.66)	
Never	4 (1.83)	2 (1.75)	16 (2.43)	
Does anyone smoke in the presence of your child?				0.004
Always	122 (54.95)	66 (56.90)	445 (67.63)	
Often	69 (31.08)	37 (31.90)	153 (23.25)	
Occasionally	27 (12.16)	8 (6.90)	45 (6.84)	
Never	4 (1.80)	5 (4.31)	15 (2.28)	
Does anyone smoke inside your car?				
Always	88 (39.46)	49 (44.55)	356 (55.97)	<0.001
Often	68 (30.49)	37 (33.64)	146 (22.96)	
Occasionally	46 (20.63)	14 (12.73)	93 (14.62)	
Never	21 (9.42)	10 (9.09)	41 (6.45)	
Did you make efforts to prevent your child's passive smoking?				<0.001
Always	59 (26.82)	45 (41.67)	284 (45.44)	
Often	86 (39.09)	44 (40.74)	204 (32.64)	
Occasionally	58 (26.36)	15 (13.89)	97 (15.52)	
Never	17 (7.73)	4 (3.70)	40 (6.40)	
Is the parent aware of the consequences of passive smoking on the health of the child?				<0.001
Always	78 (34.67)	48 (42.11)	336 (51.14)	
Often	91 (40.44)	45 (39.47)	194 (29.53)	
Occasionally	44 (19.56)	18 (15.79)	111 (16.89)	
Never	12 (5.33)	3 (2.63)	16 (2.44)	
Do you provide information on the effects on children's health caused by exposure to passive smoking?				0.019
Always	85 (38.29)	45 (36.89)	335 (48.34)	
Often	99 (44.59)	56 (45.90)	282 (40.69)	
Occasionally	37 (16.67)	21 (17.21)	72 (10.39)	
Never	1 (0.45)	0 (0.00)	4 (0.58)	
Could you indicate your difficulty in dealing with the argument of overweight and/or obesity in children during the medical examination?				0.907
Very difficult	10 (4.67)	3 (2.70)	23 (3.63)	
Difficult	38 (17.76)	20 (18.02)	112 (17.67)	
Neutral	13 (6.07)	7 (6.31)	51 (8.04)	
Easy	73 (34.11)	38 (34.23)	234 (36.91)	
Very easy	80 (37.38)	43 (38.74)	214 (33.75)	
Could you indicate what is your degree of difficulty in dealing with the topic of parental negligence towards children during the medical examination?				0.266
Very difficult	31 (14.62)	9 (8.18)	71 (11.51)	
Difficult	98 (46.23)	42 (38.18)	294 (47.65)	
Neutral	27 (12.74)	17 (15.45)	75 (12.16)	
Easy	39 (18.40)	28 (25.45)	130 (21.07)	
Very easy	17 (8.02)	14 (12.73)	47 (7.62)	
Could you indicate what your difficulty level is in addressing the subject of child abuse during the medical examination?				0.050
Very difficult	68 (32.54)	30 (27.03)	225 (36.82)	

Difficult	92 (44.02)	45 (40.54)	263 (43.04)	
Neutral	26 (12.44)	13 (11.71)	44 (7.20)	
Easy	12 (5.74)	15 (13.51)	50 (8.18)	
Very easy	11 (5.26)	8 (7.21)	29 (4.75)	
Could you indicate what your difficulty level is in addressing the subject of exposure of the child to passive smoking during the medical examination?				0.054
Very difficult	2 (0.94)	0 (0.00)	6 (0.96)	
Difficult	12 (5.63)	15 (13.16)	31 (4.94)	
Neutral	21 (9.86)	8 (7.02)	57 (9.08)	
Easy	99 (46.48)	54 (47.37)	275 (43.79)	
Very easy	79 (37.09)	37 (32.46)	259 (41.24)	
Could you indicate what your difficulty level is in addressing the subject of parent's dependencies during the medical examination?				0.006
Very difficult	27 (12.98)	13 (12.26)	55 (9.03)	
Difficult	71 (34.13)	19 (17.92)	181 (29.72)	
Neutral	42 (20.19)	29 (27.36)	106 (17.41)	
Easy	41 (19.71)	28 (26.42)	187 (30.71)	
Very easy	27 (12.98)	17 (16.04)	80 (13.14)	
Do you advise smokers in the family to stop smoking in the presence of the child?	197 (97.04)	103 (97.17)	600 (97.72)	0.842
From your point of view, who is in charge of discussing exposure to passive smoking in children?				
Pediatrician	215 (95.13)	111 (89.52)	659 (91.40)	0.111
Pulmonologist	27 (11.95)	23 (18.55)	108 (14.98)	0.239
General medical practitioner	45 (19.91)	30 (24.19)	161 (22.33)	0.617
Have you ever received post-graduate training on exposure to passive smoking in children?	106 (49.07)	51 (42.15)	294 (43.43)	0.299
Would you be interested in receiving training on exposure to passive smoking in children?	176 (79.28)	95 (77.87)	536 (79.41)	0.928

LCA, latent class analysis.