Parents' perspectives on the use of children's facial images for research and diagnosis: a survey

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All respondents vs only mothers results

Collection of facial photographs

Table 1: Attitudes toward the collection of facial photographs of all respondents vs only mothers.

	All respondents (n=149) % of cases	**Mothers only (n=131) % of cases**
Definitely yes	34.9	35.1
Probably yes	37.6	35.9
Might or might not	6.0	6.9
Probably not	16.8	16.8
Definitely not	4.7	5.3
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.89$, $p > 0.90$).		

Storage of facial photographs

Table 2: Attitudes toward the storage of facial photographs of all respondents vs only mothers.

A secure database that only the original researchers can access		
	All respondents (n=116) % of cases	**Mothers only (n=101) % of cases**
Definitely yes	56.9	55.4
Probably yes	35.3	35.6
Might or might not	3.4	4.0
Probably not	2.6	3.0
Definitely not	1.7	2.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(1) = 0.24$, $p > 0.5$).		
A secure database that other pre-approved researchers can access		
	All respondents (n=112) % of cases	**Mothers only (n=97) % of cases**
Definitely yes	38.4	40.2
Probably yes	41.1	38.1
Might or might not	9.8	11.3
Probably not	5.4	5.2
Definitely not	5.4	5.2
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.55$, $p > 0.95$).		
A secure database that other researchers and/or doctors, but not the general public, can access		
	All respondents (n=114) % of cases	**Mothers only (n=98) % of cases**
Definitely yes	36.0	36.7
Probably yes	37.7	36.7
Might or might not	11.4	12.2
Probably not	9.6	10.2
Definitely not	5.3	4.1
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.41$, $p > 0.95$).		
A publicly available database		
	All respondents (n=108) % of cases	**Mothers only (n=94) % of cases**
Definitely yes	7.4	7.4
Probably yes	6.5	6.4
Might or might not	7.4	7.4
Probably not	22.2	22.3
Definitely not	56.5	56.4
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.00$, $p > 0.99$).		

Use of facial photographs

Table 3: Attitudes toward the use of facial photographs of all respondents vs only mothers.

The original study that you signed up for		
	All respondents (n=115) **% of cases**	**Mothers only (n=100)** **% of cases**
Definitely yes	56.5	55.0
Probably yes	39.1	40.0
Might or might not	3.5	4.0
Probably not	0.0	0.0
Definitely not	0.9	1.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(2) = 0.14$, $p > 0.9$).		
Other similar research studies also aimed at improving diagnosis that received ethical approval		
	All respondents (n=113) **% of cases**	**Mothers only (n=97)** **% of cases**
Definitely yes	38.1	37.1
Probably yes	45.1	45.4
Might or might not	8.8	9.3
Probably not	4.4	5.2
Definitely not	3.5	3.1
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(3) = 0.08$, $p > 0.99$).		
Any research study that received ethical approval		
	All respondents (n=110) **% of cases**	**Mothers only (n=95)** **% of cases**
Definitely yes	21.8	22.1
Probably yes	36.4	33.7
Might or might not	28.2	29.5
Probably not	8.2	9.5
Definitely not	5.5	5.3
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.48$, $p > 0.95$).		

Publication in academic journals

Table 4: Attitudes toward the publication of facial photographs in academic journals of all respondents vs only mothers.

Without their eyes covered		
	All respondents (n=117) % of cases	**Mothers only (n=101) % of cases**
Definitely yes	21.4	22.8
Probably yes	29.9	28.7
Might or might not	16.2	15.8
Probably not	17.1	15.8
Definitely not	15.4	16.8
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.38$, $p > 0.95$).		
With their eyes covered		
	All respondents (n=115) % of cases	**Mothers only (n=99) % of cases**
Definitely yes	20.0	18.2
Probably yes	33.9	34.3
Might or might not	20.0	20.2
Probably not	13.9	14.1
Definitely not	12.2	13.1
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.24$, $p > 0.99$).		
With large parts of their face covered		
	All respondents (n=115) % of cases	**Mothers only (n=99) % of cases**
Definitely yes	27.0	26.3
Probably yes	33.0	32.3
Might or might not	15.7	16.2
Probably not	11.3	12.1
Definitely not	13.0	13.1
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.11$, $p > 0.99$).		
As a composite image		
	All respondents (n=118) % of cases	**Mothers only (n=102) % of cases**
Definitely yes	24.6	26.5
Probably yes	41.5	38.2
Might or might not	12.7	14.7
Probably not	11.9	10.8
Definitely not	9.3	9.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.84$, $p > 0.90$).		

Publication on different platforms

Scientific conferences

Table 5: Attitudes toward the publication of facial photographs at scientific conferences of all respondents vs only mothers.

	All respondents (n=153) % of cases	**Mothers only (n=131) % of cases**
As an individual image without the eyes covered	40.5	41.0
As an individual images with the eyes covered	33.6	34.0
As an individual image with large parts of the face covered	21.6	21.0
As a composite image	23.3	25.0
I would not allow them to present my child's facial photos in any form	12.9	10.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.80$, $p > 0.90$).		

Newspapers, magazines, and websites

Table 6: Attitudes toward the publication of facial photographs in newspapers, magazines, and websites of all respondents vs only mothers.

	All respondents (n=138) % of cases	**Mothers only (n=122) % of cases**
As an individual image without the eyes covered	21.5	21.4
As an individual images with the eyes covered	21.9	22.9
As an individual image with large parts of the face covered	16.3	16.4
As a composite image	24.5	26.9
I would not allow them to present my child's facial photos in any form	33.9	33.4
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.29$, $p > 0.99$).		

Social media

Table 7: Attitudes toward the publication of facial photographs on social media of all respondents vs only mothers.

	All respondents (n=123) % of cases	**Mothers only (n=107) % of cases**
As an individual image without the eyes covered	14.7	14.0
As an individual images with the eyes covered	13.8	16.0
As an individual image with large parts of the face covered	10.3	9.0
As a composite image	13.8	16.0
I would not allow them to present my child's facial photos in any form	53.4	52.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.94$, $p > 0.90$).		

All respondents vs only Caucasian individuals results

Collection of facial photographs

Table 8: Attitudes toward the collection of facial photographs of all respondents vs only Caucasian respondents.

	All respondents (n=149) % of cases	**Caucasian respondents only (n=128) % of cases**
Definitely yes	34.9	36.7
Probably yes	37.6	38.3
Might or might not	6.0	6.3
Probably not	16.8	14.8
Definitely not	4.7	3.9
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.50$, $p > 0.95$).		

Storage of facial photographs

Table 9: Attitudes toward the storage of facial photographs of all respondents vs only Caucasian respondents.

A secure database that only the original researchers can access		
	All respondents (n=116) % of cases	**Caucasian respondents only (n=102) % of cases**
Definitely yes	56.9	56.9
Probably yes	35.3	36.3
Might or might not	3.4	2.0
Probably not	2.6	2.9
Definitely not	1.7	2.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(2) = 0.11$, $p > 0.90$).		
A secure database that other pre-approved researchers can access		
	All respondents (n=112) % of cases	**Caucasian respondents only (n=98) % of cases**
Definitely yes	38.4	37.8
Probably yes	41.1	42.9
Might or might not	9.8	8.2
Probably not	5.4	6.1
Definitely not	5.4	5.1
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.46$, $p > 0.95$).		
A secure database that other researchers and/or doctors, but not the general public, can access		
	All respondents (n=114) % of cases	**Caucasian respondents only (n=100) % of cases**
Definitely yes	36.0	35.0
Probably yes	37.7	37.0
Might or might not	11.4	12.0
Probably not	9.6	11.0
Definitely not	5.3	5.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.29$, $p > 0.99$).		
A publicly available database		
	All respondents (n=108) % of cases	**Caucasian respondents only (n=95) % of cases**
Definitely yes	7.4	7.4
Probably yes	6.5	4.2
Might or might not	7.4	7.4
Probably not	22.2	22.1

Definitely not	56.5	58.9
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.92$, $p > 0.90$).		

Use of facial photographs

Table 10: Attitudes toward the use of facial photographs of all respondents vs only Caucasian respondents.

The original study that you signed up for		
	All respondents (n=115) % of cases	**Caucasian respondents only (n=101) % of cases**
Definitely yes	56.5	58.4
Probably yes	39.1	38.6
Might or might not	3.5	2.0
Probably not	0.0	0.0
Definitely not	0.9	1.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(2) = 0.52$, $p > 0.75$).		
Other similar research studies also aimed at improving diagnosis that received ethical approval		
	All respondents (n=113) % of cases	**Caucasian respondents only (n=100) % of cases**
Definitely yes	38.1	38.0
Probably yes	45.1	47.0
Might or might not	8.8	7.0
Probably not	4.4	4.0
Definitely not	3.5	4.0
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(3) = 0.45$, $p > 0.90$).		
Any research study that received ethical approval		
	All respondents (n=110) % of cases	**Caucasian respondents only (n=97) % of cases**
Definitely yes	21.8	22.7
Probably yes	36.4	37.1
Might or might not	28.2	25.8
Probably not	8.2	8.2
Definitely not	5.5	6.2
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.34$, $p > 0.99$).		

Publication in academic journals

Table 11: Attitudes toward the publication of facial photographs in academic journals of all respondents vs only Caucasian respondents.

Without their eyes covered		
	All respondents (n=117) % of cases	**Caucasian respondents only (n=103) % of cases**
Definitely yes	21.4	21.4
Probably yes	29.9	29.1
Might or might not	16.2	15.5
Probably not	17.1	17.5
Definitely not	15.4	16.5
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.14$, $p > 0.99$).		
With their eyes covered		
	All respondents (n=115) % of cases	**Caucasian respondents only (n=101) % of cases**
Definitely yes	20.0	20.8
Probably yes	33.9	36.6
Might or might not	20.0	17.8
Probably not	13.9	13.9
Definitely not	12.2	10.9
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.63$, $p > 0.95$).		
With large parts of their face covered		
	All respondents (n=115) % of cases	**Caucasian respondents only (n=101) % of cases**
Definitely yes	27.0	27.7
Probably yes	33.0	34.7
Might or might not	15.7	14.9
Probably not	11.3	11.9
Definitely not	13.0	10.9
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.52$, $p > 0.95$).		
As a composite image		
	All respondents (n=118) % of cases	**Caucasian respondents only (n=103) % of cases**
Definitely yes	24.6	26.2
Probably yes	41.5	40.8
Might or might not	12.7	11.7
Probably not	11.9	11.7
Definitely not	9.3	9.7

Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.22$, $p > 0.99$).

Publication on different platforms

Scientific conferences

Table 12: Attitudes toward the publication of facial photographs at scientific conferences of all respondents vs only Caucasian respondents.

	All respondents (n=153) % of cases	**Caucasian respondents only (n=135) % of cases**
As an individual image without the eyes covered	40.5	38.2
As an individual images with the eyes covered	33.6	34.3
As an individual image with large parts of the face covered	21.6	21.6
As a composite image	23.3	25.5
I would not allow them to present my child's facial photos in any form	12.9	12.7
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.36$, $p > 0.95$).		

Newspapers, magazines, and websites

Table 13: Attitudes toward the publication of facial photographs in newspapers, magazines, and websites of all respondents vs only Caucasian respondents.

	All respondents (n=138) % of cases	**Caucasian respondents only (n=122) % of cases**
As an individual image without the eyes covered	21.5	19.0
As an individual images with the eyes covered	21.9	22.0
As an individual image with large parts of the face covered	16.3	15.6
As a composite image	24.5	25.9
I would not allow them to present my child's facial photos in any form	33.9	36.6
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.62$, $p > 0.95$).		

Social media

Table 14: Attitudes toward the publication of facial photographs on social media of all respondents vs only Caucasian respondents.

	All respondents (n=123) % of cases	**Caucasian respondents only (n=109) % of cases**
As an individual image without the eyes covered	14.7	11.8
As an individual images with the eyes covered	13.8	13.7
As an individual image with large parts of the face covered	10.3	9.8
As a composite image	13.8	15.7
I would not allow them to present my child's facial photos in any form	53.4	55.9
Based on available evidence, we do not expect a major difference between all respondent's and only mothers' views ($\chi^2(4) = 0.98$, $p > 0.90$).		