

## Appendix 1: Expert estimates of public opinion

<b>Benefits (ranking)</b>	<b>% of participants (R3)</b>	<b>Δ% (R3-R2)</b>
1. No risk of miscarriage	67.3	-5.1
2. Non-invasiveness	61.2	+7.8
3. Results available earlier in the pregnancy	61.2	+6
4. Provides more information potentially useful for decision-making	42.9	+1.5
5. Decreases anxiety for prospective parents	40.8	-5.8
6. Requires only a blood draw	32.7	-3.5
7. Enhances prospective parents' ability to prepare	24.5	-6.5
8. Increased accuracy of the test	24.5	+2.1
9. Potential for NIPT to expand conditions tested	6.1	-2.5
10. Answers specific needs	4.1	-11.4

<b>Challenges (ranking)</b>	<b>% of participants (R3)</b>	<b>Δ% (R3-R2)</b>
1. Cost of implementing NIPT	63.3	+4.7
2. Eugenics	53.1	-0.3
3. Conflict with religious values	49.0	-2.7
4. Pressure to terminate	46.9	+2.1
5. Discrimination against disabled individuals	42.9	-1.9
6. NIPT access-related issues	42.9	+10.1
7. Pressure to test	40.8	+4.6
8. Adequate counseling of patients	38.8	-9.5
9. Misperceptions of the reliability of NIPT	38.8	-2.6
10. Increased number of terminated pregnancies	36.7	+0.5
11. Accuracy of the test	34.7	-3.2
12. Confidentiality	32.7	+5.1
13. Consent	32.7	+12
14. What conditions to test	32.7	-7
15. Respect of human rights	32.7	-3.5
16. Selective termination of pregnancy	32.7	-19
17. Stigmatization of the parents of children living with the tested conditions	32.7	+6.8
18. Adequate education of health professionals	28.6	+9.6
19. Adequate professional guidelines	26.5	+5.8
20. Conflicts of interest linked to commercialization of NIPT	26.5	-2.8
21. Potential decrease in social support for disabled individuals	22.4	-13.8
22. Existence of adequate policies	22.4	0
23. Routinization of prenatal testing	22.4	-1.7
24. Increased anxiety for prospective parents	16.3	-16.5
25. Utility of the test	16.3	+6
26. Decrease in social diversity	14.3	+2.2
27. Assigning responsibility to care for the child	12.2	+1.9

<b>Principles (ranking)</b>	<b>% of participants (R3)</b>	<b>Δ% (R3-R2)</b>
1. Free choice	79.6	+8.9
2. Equitable access	63.3	+13.3
3. Informed decision-making	63.3	-2.2
4. Protection of privacy	63.3	-5.7
5. Fair resource allocation	53.1	+11.7
6. Autonomy	42.9	+8.4
7. Respect for human dignity	38.8	-4.3
8. Sanctity of life	38.8	-4.3
9. Human rights	38.8	-11.2
10. Evidence-based decision-making	34.7	+0.2
11. Non-maleficence (do not harm)	30.6	-14.2
12. Equality between persons	28.6	-7.6
13. Respect for diversity	20.4	-14.1
14. Inclusiveness	16.3	-2.7
15. Beneficence	14.3	-4.7
16. Solidarity with individuals living with the tested conditions	12.2	-8.5