

SUPPLEMENTARY INFORMATION

MANUSCRIPT TITLE: HOW TO PRESENT ECONOMIC EVALUATIONS TO NON-TECHNICAL AUDIENCES? RANDOMIZED TRIALS WITH PROFESSIONALS AND THE GENERAL POPULATION.
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S1. INFLUENCE OF PROFESSIONAL BACKGROUND / PROFILE ON COMPREHENSION.

S1A. GENERAL POPULATION

➤ Objective comprehension by profession profile

No. of questions correctly responded (out of 3 questions)	Healthcare (N = 42)	Research (N = 18)	Economics (N = 36)	None (N = 235)	p-value
Three (N (%))	33 (78.57)	13 (72.22)	26 (72.22)	150 (63.83)	0.233
Two (N (%))	7 (16.67)	5 (27.78)	8 (22.22)	51 (36.17)	0.797
One (N (%))	2 (4.76)	0	0	24 (14.47)	0.073
None (N (%))	0	0	2 (5.56)	10 (4.26)	0.406

➤ Subjective comprehension by professional background

	Healthcare (N = 42)	Research (N = 18)	Economics (N = 36)	None (N = 235)	p-value
Not at all (just guessing)	0	0	0	2 (0.85)	0.844
Not very sure	0	0	1 (2.78)	10 (4.26)	0.435
More or less	8 (19.05)	1 (5.56)	7 (19.44)	51 (21.70)	0.429
Quite sure	11 (26.19)	12 (66.67)	19 (52.78)	91 (38.72)	0.010
Completely sure	23 (54.76)	5 (27.78)	9 (25.00)	81 (34.47)	0.028

Bold means statistically significant (p-values ≤ 0.05).

S1B. SPECIALIZED POPULATION

➤ Objective comprehension by professional profile

No. of questions correctly responded (out of 3 questions)	Clinician (N = 52)	Non-clinical manager (N = 17)	Clinical manager (N = 13)	Methodologist in HTA (N = 23)	p-value
Three (N (%))	36 (69.23)	11 (64.71)	9 (69.23)	16 (69.57)	0.986
Two (N (%))	15 (28.85)	3 (17.65)	4 (30.77)	7 (30.43)	0.791
One (N (%))	1 (1.92)	3 (17.65)	0	0	0.013
None (N (%))	0	0	0	0	

➤ Subjective comprehension by professional profile

	Clinician (N = 52)	Non-clinical manager (N = 17)	Clinical manager (N = 13)	Methodologi st in HTA (N = 23)	p-value
Not at all (just guessing)	0	0	0	0	
Not very sure	3 (5.77)	1 (5.88)	0	0	0.534
More or less	11 (21.15)	5 (29.41)	6 (46.15)	2 (8.70)	0.068
Quite sure	29 (55.77)	11 (64.71)	4 (30.77)	16 (69.57)	0.134
Completely sure	9 (17.31)	0	3 (23.08)	5 (21.74)	0.230

S2. ADDITIONAL QUESTIONS ON USEFULNESS AND ACCEPTABILITY

S2A. GENERAL POPULATION

- A1 - I am satisfied with the appearance of the format
- A2 - I would understand better the information with more numeric data
- A3 – I would understand better the information with more explications
- A4 – I think that the format is appropriate for this type of information
- A5 – It was easy to remember the information to answer the questions
- A6 – I think that the information is understandable for someone with no knowledge of this topic
- A7 – I think that I could explain to somebody the presented information
- A8 – It is not possible to understand the topic with so little information

		Infographic (N = 120)	Plain text (N = 114)	Video- abstract (N = 90)	p-value
A1	Disagree (1-2)	4 (3.33)	20 (17.54)	4 (4.44)	<0.001
	Agree (4-5)	98 (81.67)	76 (66.67)	77 (85.56)	0.002
A2	Disagree (1-2)	60 (50.00)	47 (41.23)	37 (41.11)	0.304
	Agree (4-5)	26 (21.67)	33 (28.95)	16 (17.78)	0.152
A3	Disagree (1-2)	41 (34.17)	33 (28.95)	31 (34.44)	0.618
	Agree (4-5)	41 (34.17)	42 (36.84)	25 (27.78)	0.383
A4	Disagree (1-2)	9 (7.50)	20 (17.54)	1 (1.11)	<0.001
	Agree (4-5)	86 (71.67)	71 (62.28)	77 (85.56)	0.001
A5	Disagree (1-2)	9 (7.50)	15 (13.16)	6 (6.67)	0.199
	Agree (4-5)	91 (75.83)	84 (73.68)	67 (74.44)	0.929
A6	Disagree (1-2)	11 (9.17)	12 (10.53)	4 (4.44)	0.271
	Agree (4-5)	89 (74.17)	83 (72.81)	71 (78.89)	0.588
A7	Disagree (1-2)	13 (10.83)	16 (14.04)	10 (11.11)	0.716
	Agree (4-5)	81 (67.50)	77 (67.54)	58 (64.44)	0.871
A8	Disagree (1-2)	69 (57.50)	74 (64.91)	49 (54.44)	0.283
	Agree (4-5)	23 (19.17)	18 (15.79)	21 (23.33)	0.397

Bold means statistically significant (p-values≤0.05).

S2B. SPECIALIZED POPULATION

- B1 - I am satisfied with the appearance of the format
- B2 - I would understand better the information with more numeric data
- B3 – I would understand better the information with more explications

- B4 – I think that less data/explications would be enough to understand the conclusions of the study
- B5 – I think that the format is appropriate for this type of information
- B6 – It was easy to remember the information to answer the questions
- B7 – I think that the information is understandable for someone with no knowledge of economic evaluations
- B8 – I think that this information is sufficient for decision making

		Policy brief (N = 46)	Executive summary (N = 54)	p-value
B1	Disagree (1-2)	2 (4.35)	4 (7.41)	0.826
	Agree (4-5)	39 (84.78)	38 (70.37)	0.142
B2	Disagree (1-2)	26 (56.52)	32 (59.26)	0.942
	Agree (4-5)	7 (15.22)	10 (18.52)	0.864
B3	Disagree (1-2)	16 (34.78)	16 (29.63)	0.737
	Agree (4-5)	13 (28.26)	31 (57.41)	0.006
B4	Disagree (1-2)	35 (76.09)	39 (72.22)	0.833
	Agree (4-5)	5 (10.87)	6 (11.11)	1
B5	Disagree (1-2)	1 (2.17)	9 (16.67)	0.038
	Agree (4-5)	41 (89.13)	33 (61.11)	0.003
B6	Disagree (1-2)	2 (4.35)	9 (16.67)	0.101
	Agree (4-5)	40 (86.96)	37 (68.52)	0.052
B7	Disagree (1-2)	13 (28.26)	25 (46.30)	0.099
	Agree (4-5)	28 (60.87)	16 (29.63)	0.003
B8	Disagree (1-2)	13 (28.26)	21 (38.89)	0.365
	Agree (4-5)	20 (43.48)	22 (40.74)	0.942

Bold means statistically significant (p-values≤0.05).