

Correction to: The role of educational context in beliefs about knowledge, information, and truth: an exploratory study

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Published online: 27 December 2017

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Correction to: Eur J Psychol Educ
<https://doi.org/10.1007/s10212-017-0359-4>

An earlier version of this paper contained incorrect tables due to a publication error. Tables have now been corrected.

The original article has been corrected.

The online version of the original article can be found at <https://doi.org/10.1007/s10212-017-0359-4>.

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Table 1 Demographic information by country

	The USA (<i>n</i> = 240)		The Netherlands (<i>n</i> = 72)	
	<i>N</i>	%	<i>N</i>	%
Gender				
Male	42	17.5	11	15.3
Female	198	82.5	61	84.7
Native English speaker				
Yes	221	92.1	6	8.3
No	19	7.9	66	91.7
Ethnicity				
White	148	61.7	49	68.1
Black	32	13.3	4	5.6
Asian	38	15.8	0	0
Hispanic	11	4.6	1	1.4
Other	11	4.6	18	25.0
Major				
Education	38	15.9	0	0
Psychology	29	12.1	69	95.8
Other social science	151	63.2	0	0
Humanities	8	3.3	0	0
Natural science	12	5.0	0	0
Age	<i>M</i> = 20.85, <i>SD</i> = 2.32		<i>M</i> = 20.31, <i>SD</i> = 2.26	

Percents for major do not add up to 100 because two students in the USA and three students in the Netherlands did not report their major

Table 2 Examples of definition coding

Category	Example
Knowledge	
Learning/derived from experience	"It is what you know and learned in many different ways like in lectures, books, and experiences."
Information	"Knowledge is the information someone has about a certain subject." "Amount of information you know"
Stored information	"Information stored in an individual's memory" "Knowledge is all the information in your long term memory that you can recall at any time"
Processed information	"I think knowledge is how a person uses and applies information in meaningful ways" "Processed information that can be used and applied outside of the situation in which it was gathered"
Justified true beliefs/substantiated	"Proven facts/truth that is known" "Ideas you know and believe personally in your mind"
Intelligence/wisdom	"Intelligence" "Being wise. Not just in education and books but in giving advise."
Recursive	"What you know about the world" "What a person knows"
Other	"The perceptual interplay of information and reality"
Information	
Synonymous with data/facts	"Information is simply hard data or facts." "Information is statements of known facts."
Data transformed	"Information is something you get out of books, tv, from other people, etc." "Information is any input that one must comprehend"
Synonymous with knowledge	"Knowing a lot." "Information is for me that you know something about a subject."
Aspect of knowledge	"Things that you put together to form fact, opinions...etc. Eventually mold this into knowledge."
Requiring truth	"Facts about things that actually happened or are true." "Information is factual evidence stemming from the truth."
Other	"Information could be defined as of the world; coming from the enemy in the form of feelings or thoughts."
Truth	
Real/factual	"Concrete facts" "Truth is actuality. What is real"
Substantiated/ proven	"Something that can be proven and substantiated, that is reliable"
Subjective	"Truth can mean different things to different people" "Truth is different in each individual. Truth is what each person believes in and what each person thinks is real. Truth to one person could be untrue to another."
Truthfulness/ moral character	"To me truth does not mean fact, but rather it has more to do with character. Being truthful to friends and family is the most important thing."
Related to knowledge and information	"Understanding and comprehension of information and knowledge over time" "Information must be truthful to get good new knowledge."
Recursive	"Truth is simply that; truth. It is what is true amongst all of the information."
Other	"What the topic or material inevitably encompasses"

Table 3 Knowledge definitions by country

Category	The USA	The Netherlands	Total
Learning/derived from experience	35.4% (<i>n</i> = 85)	31.9% (<i>n</i> = 23)	34.6% (<i>n</i> = 108)
Information	7.9% (<i>n</i> = 19)	13.9% (<i>n</i> = 10)	9.3% (<i>n</i> = 29)
Stored information	14.2% (<i>n</i> = 34)	9.7% (<i>n</i> = 7)	13.1% (<i>n</i> = 41)
Processed information	16.7% (<i>n</i> = 40)	6.9% (<i>n</i> = 5)	14.45% (<i>n</i> = 45)
Justified true beliefs/substantiated	6.7% (<i>n</i> = 16)	6.9% (<i>n</i> = 5)	6.7% (<i>n</i> = 21)
Intelligence/wisdom	2.9% (<i>n</i> = 7)	6.9% (<i>n</i> = 5)	3.8% (<i>n</i> = 12)
Recursive	12.1% (<i>n</i> = 29)	18.1% (<i>n</i> = 13)	13.5% (<i>n</i> = 42)
Other	4.2% (<i>n</i> = 10)	5.6% (<i>n</i> = 4)	4.5% (<i>n</i> = 14)

Table 4 Information definitions by country

Category	The USA	The Netherlands	Total
Synonymous with data/facts	41.7%* (<i>n</i> = 100)	19.4%* (<i>n</i> = 14)	36.5% (<i>n</i> = 114)
Data transformed	27.9% (<i>n</i> = 67)	30.6% (<i>n</i> = 22)	28.5% (<i>n</i> = 89)
Synonymous with knowledge	7.1%* (<i>n</i> = 17)	20.8%* (<i>n</i> = 15)	10.3% (<i>n</i> = 32)
Aspect of knowledge	15.8% (<i>n</i> = 38)	23.6% (<i>n</i> = 17)	17.6% (<i>n</i> = 55)
Requiring truth	1.7% (<i>n</i> = 4)	0.0% (<i>n</i> = 0)	1.3% (<i>n</i> = 4)
Other	5.8% (<i>n</i> = 14)	5.6% (<i>n</i> = 4)	5.8% (<i>n</i> = 18)

*Significant differences by educational context, determined based on standardized residuals

Table 5 Truth definitions by country

Category	The USA	The Netherlands	Total
Real/factual	56.7% (<i>n</i> = 136)	55.6% (<i>n</i> = 40)	56.4% (<i>n</i> = 176)
Substantiated/proven	23.8%* (<i>n</i> = 57)	15.3%* (<i>n</i> = 11)	21.8% (<i>n</i> = 68)
Subjective	10.8% (<i>n</i> = 26)	11.1% (<i>n</i> = 8)	10.9% (<i>n</i> = 34)
Truthfulness/moral character	3.3% (<i>n</i> = 8)	2.8% (<i>n</i> = 2)	3.2% (<i>n</i> = 10)
Related to knowledge and information	1.2%* (<i>n</i> = 3)	9.7%* (<i>n</i> = 7)	3.2% (<i>n</i> = 10)
Recursive	1.7% (<i>n</i> = 4)	2.8% (<i>n</i> = 2)	1.9% (<i>n</i> = 6)
Other	2.5% (<i>n</i> = 6)	2.8% (<i>n</i> = 2)	2.6% (<i>n</i> = 8)

*Significant differences by educational context, determined based on standardized residuals

Table 6 KIT profile by country

Category	The USA	The Netherlands	Total
Truth establishment	23.8% (<i>n</i> = 57)	25.0% (<i>n</i> = 18)	24.04% (<i>n</i> = 75)
Knowledge establishment	20.0% (<i>n</i> = 48)	20.8% (<i>n</i> = 15)	20.19% (<i>n</i> = 63)
Relative relation	39.6% (<i>n</i> = 95)	40.3% (<i>n</i> = 29)	39.74% (<i>n</i> = 124)
Interrelated	18.8% (<i>n</i> = 45)	8.3% (<i>n</i> = 6)	16.35% (<i>n</i> = 51)
Subjectivity of knowledge/information	30.8%** (<i>n</i> = 74)	52.8%** (<i>n</i> = 38)	35.90% (<i>n</i> = 112)
Subjectivity of truth	7.1%** (<i>n</i> = 17)	19.4%** (<i>n</i> = 14)	10.26% (<i>n</i> = 32)
Knowledge origin	2.9% (<i>n</i> = 7)	1.4% (<i>n</i> = 1)	2.56% (<i>n</i> = 8)
Information origin	33.8% (<i>n</i> = 81)	34.7% (<i>n</i> = 25)	33.97% (<i>n</i> = 106)
Truth origin	5.8% (<i>n</i> = 14)	5.6% (<i>n</i> = 4)	5.77% (<i>n</i> = 18)
No relation	2.5% (<i>n</i> = 6)	0.0% (<i>n</i> = 0)	1.92% (<i>n</i> = 6)
Other	2.9% (<i>n</i> = 7)	5.6% (<i>n</i> = 4)	3.51% (<i>n</i> = 11)

**Significance at the $\alpha < 0.01$ level