

A comprehensive method for the measurement of everyday creativity

Online supplemental material



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1. Generation and selection questionnaire

1.1 Item of the Generation and Selection Questionnaire

	French	English
item 1 (G)	J'ai de la facilité à produire beaucoup d'idées.	I easily come up with a lot of ideas.
item 2 (G)	J'aime jouer avec les idées juste pour le plaisir.	I like to play with ideas just for the fun of it.
item 3 (G)	J'ai des idées folles, hors-normes, fantaisistes.	I have wild, crazy ideas.
item 4 (G)	J'aime expérimenter, explorer des possibilités nouvelles et inhabituelles.	I like to experiment, explore new and unusual options.
item 5 (G)	Je cherche à faire des associations d'idées originales.	I seek to make original idea associations.
item 6 (G)	J'aime combiner plusieurs idées différentes.	I like to combine several different ideas.
item 7 (S)	Je trie, j'organise et je structure mes idées.	I sort, organize and structure my ideas.
item 8 (S)	J'élabore et j'enrichis soigneusement mes idées.	I carefully craft and elaborate my ideas.
item 9 (S)	Je critique et j'évalue mon travail en profondeur.	I criticize and evaluate my work thoroughly.
item 10 (S)	J'investis de l'énergie dans le développement de mes idées.	I invest energy in the development of my ideas.
item 11 (S)	Je recherche des améliorations à mes projets.	I seek ameliorations to my projects.
item 12 (S)	Je passe du temps à corriger des imperfections.	I spend time to correct imperfections.

1.2 Descriptive statistics, reliability and results of exploratory factor analysis for the Generation and Selection Questionnaire

	Generation	Selection
Descr. stats. (Total)		
Mean	3.40	3.56
S.D.	0.75	0.72
Skewness	-0.18	-0.19
Kurtosis	-0.08	0.16
Reliability	0.87	0.85
Item factor loadings		
item 1	0.57	
item 2	0.68	
item 3	0.72	
item 4	0.71	
item 5	0.85	
item 6	0.82	
item 7		0.65
item 8		0.71
item 9		0.78
item 10		0.72
item 11		0.71
item 12		0.68
Expl. Var. (%)	60.2	
Factor correlation	0.45	

Note. Maximum likelihood factor analysis with Promax rotation. Loadings <|.20| omitted.

2. Interests, activities and creative achievements questionnaire

2.1 Detailed description of the 7 domains

	French	English
Domain 1	MUSIQUE (P. EX. ÉCOUTER, JOUER OU COMPOSER, QUEL QUE SOIT LE GENRE)	MUSIC (E.G., LISTEN, PLAY AN INSTRUMENT OR COMPOSE, WHATEVER THE STYLE)
Domain 2	LITTÉRATURE/ÉCRITURE (P. EX. FICTION, POÉSIE, SCÉNARIO, JOURNALISME)	LITERATURE/WRITING (E.G., FICTION, POETRY, SCENARIO, JOURNALISM)
Domain 3	SPECTACLES/PERFORMANCES (P. EX. DANSE, THÉÂTRE, COMÉDIE, HUMOUR)	DRAMA/PERFORMANCES (E.G., DANCING, ACTING, HUMOR)
Domain 4	ARTS VISUELS (P. EX. DESSIN, PEINTURE, GRAPHISME, PHOTO, CINÉMA, SCULPTURE, CÉRAMIQUE)	VISUAL ARTS (E.G., DRAWING, PAINTING, GRAPHICAL DESIGN, PHOTOGRAPHY, FILM, SCULPTURE, CERAMICS)
Domain 5	DESIGN 3D (P. EX. ARCHITECTURE, PAYSAGISME, AMEUBLEMENT, DESIGN, TEXTILES, BIJOUX)	3D DESIGN (E.G., ARCHITECTURE, LANDSCAPING, FURNITURE DESIGN, INDUSTRIAL DESIGN, FASHION DESIGN, JEWELLERY DESIGN)
Domain 6	INVENTIONS, SOLUTIONS TECHNIQUES (P. EX. BRICOLAGE, ÉLECTRONIQUE, INFORMATIQUE)	INVENTIONS, TECHNICAL SOLUTIONS (E.G., DIY, ELECTRONICS, INFORMATICS)
Domain 7	SCIENCE, RECHERCHE (P. EX. TRAVAIL ACADÉMIQUE EN SCIENCES HUMAINES OU SCIENCES DE LA VIE)	SCIENTIFIC RESEARCH , (E.G., ACADEMIC WORK IN THE LIFE OR SOCIAL SCIENCES)

2.2 Interest questionnaire

2.2.1 Detailed interest items

Table 1. Item of the Interest Questionnaire

	French	English
item 1	Je passe au moins 1 ou 2 h. par semaine dans des activités liées à ce domaine.	I spend at least 1 or 2 hour per week in activities related to this domain.
item 2	Je suis intéressé par beaucoup de choses qui touchent à ce domaine.	I am interested by many things related to this domain.
item 3	Je recherche de nouvelles approches ou de nouveaux travaux dans ce domaine.	I seek new approaches or new works in this domain.
item 4	J'aime apprendre des choses dans ce domaine (p. ex. histoire, technique).	I like to learn things in this domain (e.g., history, technique)
item 5	Je m'intéresse et réfléchis à certains aspects théoriques de ce domaine.	I'm interested in, and think about some theoretical aspects of this domain.

2.2.2 Descriptive statistics, reliability and results of exploratory factor analysis

	Music	Literature	Perf. Arts	Vis. Arts	3D Design	Invention	Science
Descr. Stats. (total)							
Valid N	523	460	345	367	114	171	287
Mean	3.37	3.71	3.13	3.29	3.05	3.34	3.85
S.D.	0.84	0.83	0.89	0.84	0.84	0.83	0.84
Skewness	-0.10	-0.20	0.18	0.05	0.21	0.12	-0.35
Kurtosis	-0.39	-0.64	-0.22	-0.33	-0.04	-0.35	-0.53
Reliability	0.81	0.85	0.85	0.84	0.83	0.83	0.87
Item factor loadings							
item 1	0.55	0.69	0.56	0.56	0.60	0.52	0.74
item 2	0.78	0.81	0.76	0.79	0.66	0.79	0.81
item 3	0.59	0.76	0.73	0.74	0.73	0.64	0.72
item 4	0.78	0.76	0.86	0.77	0.85	0.83	0.83
item 5	0.71	0.70	0.78	0.75	0.72	0.77	0.78
Expl. Var. (%)	57.4	55.5	55.4	52.6	51.1	51.3	60.4

2.3. Activities and achievements questionnaire

2.3.1 Detailed activity and achievement items

	French	English
item 1 (actv.)	J'ai pris des cours ou suivi des formations dans ce domaine.	I have taken courses or undertaken technical training in this domain.
item 2 (actv.)	J'ai une pratique active, quotidienne ou presque, dans ce domaine.	I have an active practice, daily or almost, in this domain.
item 3 (actv.)	Cette pratique est sérieuse et importante pour moi.	This practice is serious and important to me.
item 4 (actv.)	Je consacre plusieurs heures par semaine à cette pratique.	I spend several hours every week actively practicing.
item 5 (actv.)	Des gens ont commenté mon talent dans ce domaine.	People have commented on my talent in this domain.
item 6 (achv.)	J'ai fait des représentations publiques dans ce domaine (conférences/concerts/expositions/publications/salon spécialisés).	I have made public presentations in this domain. (conferences/concerts/publications/expositions/specialized fairs).
item 7 (achv.)	J'ai participé à des concours ou soumis des demandes de financement.	I have participated to contests or requested funding in this domain.
item 8 (achv.)	J'ai reçu des prix ou des récompenses dans ce domaine.	I have received awards in this domain.
item 9 (achv.)	J'ai été payé pour mon travail dans ce domaine.	I have been paid for my work in this domain.
item 10 (achv.)	Mon travail dans ce domaine a fait l'objet d'un article dans un journal.	My work in this domain has been the subject of a journal article.

2.3.2 Descriptive statistics, reliability and exploratory factor analysis

	Music		Literature		Perf. Arts		Vis. Arts		3D Design		Invention		Science	
	act.	ach.	act.	ach.	act.	ach.	act.	ach.	act.	ach.	act.	ach.	act.	ach.
Descr. stats. (total)														
N	280	278	232	231	162	162	145	145	27	27	83	83	155	154
Mean	2.96	1.71	3.30	1.71	3.10	1.89	2.90	1.35	3.01	1.38	3.11	1.48	4.02	1.56
S.D.	1.05	0.79	1.03	0.86	1.05	0.74	0.86	0.49	0.82	0.54	0.87	0.71	0.81	0.90
Skewness	0.17	1.67	-0.35	1.67	0.09	1.21	0.40	2.10	0.33	1.79	-0.03	1.89	-0.95	2.17
Kurtosis	-0.94	2.75	-0.38	2.66	-0.80	1.16	-0.09	5.25	-1.03	3.00	-0.42	3.92	0.89	4.80
Reliability	0.84	0.81	0.85	0.84	0.84	0.74	0.78	0.75	0.72	0.62	0.78	0.80	0.83	0.90
Item factor loadings														
activity 1	.25	.22	.38		.42		<u>.20</u>	<u>.29</u>	<u>.01</u>	<u>.47</u>	.41	.29	.63	
activity 2	.93		.92		.91		.86		.87		.89		.93	
activity 3	.90		.87		.74		.71		.68		.71		.76	
activity 4	.85		.91		.98		.87		.98		.86		.95	
activity 5	.45	.32	.50	.32	.43	.26	.50	.25	.15	.35	.34	.20	<u>.28</u>	<u>.39</u>
achiev. 1		.52		.65		.59		.61		.76		.67		.76
achiev. 2		.92		.88		.74		.74		1.00		.82		.90
achiev. 3		.75		.80		.62		.77		.63		.95		.91
achiev. 4		.65		.53		.47		.45	<u>.39</u>	<u>-.08</u>	<u>.29</u>	<u>.28</u>		.70
achiev. 5		.66		.66		.51		.60		.02		.77		.79
Expl. Var. (%)	55.4		55.6		47.3		46.2		47.5		54.4		63.5	
Factor correlation	.47		.38		.48		.37		.31		.41		.22	

Note. Maximum likelihood factor analysis with Promax rotation. Loadings $<|.20|$ are omitted. Problematic/unexpected loading are underlined.

2.4 Correlations between creative interests, activities and achievements, within and across domains

	music		littérature		drama		vis. arts		3D design		invention		science	
	int.	a&a	int.	a&a	int.	a&a	int.	a&a	int.	a&a	int.	a&a	int.	a&a
music														
interest	1	.47***	.21***	.12	.35***	.09	.32***	.06	.13	.32	.22**	.09	.20**	.10
a&a	.33***	1	.02	.15	.17*	.21*	.09	.10	.01	.01	.03	-0.33	.10	.08
litterature														
interest	.12**	.09*	1	.42***	.19***	-.03	.24***	.09	.18	-.02	.25**	.19	.24***	.24**
a&a	.02	.12**	.40***	1	.24**	.12	.17*	.16	.26	.07	.18	.23	.06	.35**
drama														
interest	.13**	.10*	.19***	.14**	1	.56***	.31***	.17	.22*	.17	.30**	.15	.19**	.15
a&a	.14**	.23***	.14**	.12**	.49***	1	.18*	.14	-.07	-.08	.16	.23	.06	.21
vis. arts														
interest	.16***	.04	.22***	.21***	.28***	.13**	1	.49***	.29**	.29	.26**	-.13	.15*	-.04
a&a	.03	.14**	.13**	.23***	.14**	.16***	.42***	1	0	.29	.15	.06	.27*	.17
3D design														
interest	.02	-.03	.05	.00	.14**	.00	.26***	.19***	1	.71***	.47***	.16	.37***	.32
a&a	.03	-.05	.00	.02	.11*	.07	.13**	.24***	.44***	1	.48	.46	.29	.15
invention														
interest	.03	-.04	.01	.08*	.09*	.00	.12**	.12**	.20***	.18***	1	.56***	.33***	.20
a&a	-.03	-.05	.00	.09*	.03	-.01	.14**	.17***	.10*	.22***	.62***	1	.17	0
science														
interest	.11**	.06	.14**	.06	.11**	.05	.17***	.07	.14**	.07	.23***	.16***	1	.45***
a&a	.07	.04	.14**	.09*	.10*	.10*	.13**	.04	.02	.05	.16***	.13**	.59***	1

Note. Below the diagonal: dummy variables (answers to yes/no questions); above the diagonal: continuous variables. a&a = activities and achievements. *: $p < .05$; **: $p < .01$; ***: $p < .001$. Intra-domain correlations in bold.