Babel's AAQ-II do different languages result in different outcomes in Europe?



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INTRODUCTION

- RESEARCH USING PROCESS MEASURES
 - ADVISED¹
 - CONDUCTED²
- POTENTIAL PITFALLS OF TRANSLATION³
 - CULTURAL NUANCES
 - FROM ENGLISH
 - NO REFLECTION OF REALITY
- Ost LG (2009) Efficacy of the finid wave of behavioral therapies: a systematic review and meta-analysis. Behaviour research and therapy 48: 296-321
 Forman EM ea (2007) A randomized controlled effectiveness trial of acceptance and commitment therapy and cognitive therapy for anxiety and depression. Behavi modification 31: 772-99
- modification 31: 772-99

 Sperber AD (2004) Translation and Validation of Study Instruments for Cross-Cultural Research. Gastroenterology 126: S124-S1

ACCEPTANCE AND ACTION QUESTIONNAIRE - AAQ-II

- Psychological Flexibility (PF):
- "(...) the ability to fully contact the present moment and the thoughts and feelings it contains without needless defense, and, depending upon what the situation affords, persisting or changing in behavior in the pursuit of goals and values »⁴
- Original version (AAQ-I)⁵
- Multiple versions (9, 16, 49 items) for different target groups/problems (e.g. pain – CPAQ)
- Hayes SC ea (2006) Acceptance and commitment therapy: model, processes and outcomes. Behaviour research and therapy 44: 1-25
 Hayes SC ea (2004) Measuring experiential avoidance: A preliminary test of a working model. The psychological record 54: 563-78

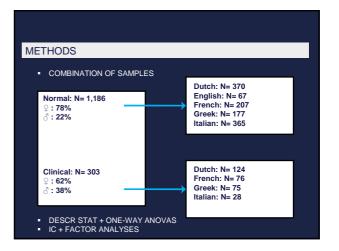
ACCEPTANCE AND ACTION QUESTIONNAIRE - AAQ-II

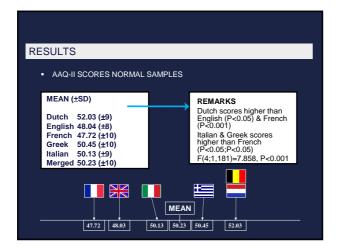
- AAQ-II⁶
- 10 items 7 point Likert scale (total range: 10-70)
- Higher score = higher flexibility
- PF = dependent variable, instead of symptoms decrease
- Bond PW ea (submitted for publication) Preliminary psychometric properties of the Acceptance Action Questionnaire-II: a revised measure of psychological flexibility and acceptance.

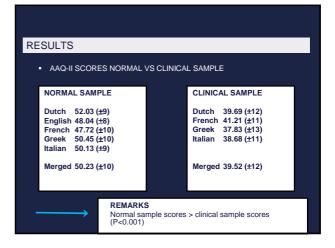
ACCEPTANCE AND ACTION QUESTIONNAIRE - AAQ-II

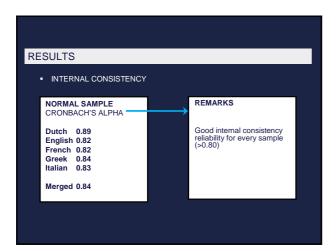
- . Its OK if I remember something unpleasant.
- 3. I'm afraid of my feelings.
- 4. I worry about not being able to control my worries and feelings.
- 5. My painful memories prevent me from having a fulfilling life.
- 6. I am in control of my life.
- 7. Emotions cause problems in my life.
- 8. It seems like most people are handling their lives better than I am.
- 9. Worries get in the way of my success.
- My thoughts and feelings do not get in the way of how I want to live my life.

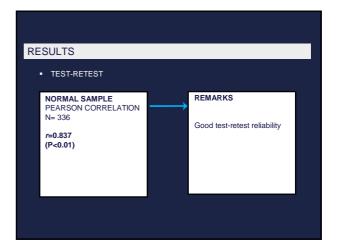


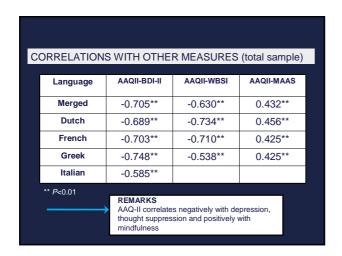


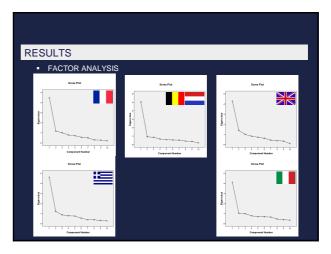


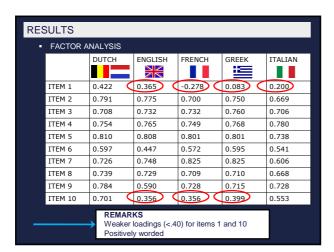


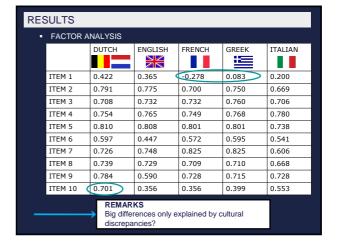












DIFFERENCES EXPLAINED BY TRANSLATIONS?

- Skewness and kurtosis are in the acceptable range, hence, a slight translation difference might be responsible:
 - Original item 1: Its OK if I remember something unpleasant
 - French back-translation:

 If a bad memory crops up, I don't shut the door on it
 - Greek back-translation:

 I feel fine if I recall something unpleasant

 DIFFERENTIAL ITEM FUNCTIONING – COMPARING ITEMS 										
	Dutch/ English	Dutch/ French	Dutch/ Greek	Dutch/ Italian	English/ French	English/ Greek	English/ Italian	French/ Greek	French/ Italian	Greek/ Italian
ITEM 1	14.59	6.71	13.97	28.94	10.34	13.61	0.06	1.30	30.64	41.57
ITEM 2	18.03	5.52	17.66	7.11	10.86	0.15	1.35	23.74	18.17	2.53
ITEM 3	3.85	0.14	0.18	0.39	3.18	3.52	1.40	0.21	1.18	0.26
ITEM 4	5.24	21.44	1.83	23.66	1.34	0.28	1.49	4.68	0.83	8.23
ITEM 5	8.82	0.18	0.49	0.18	7.15	2.52	4.37	2.10	1.62	0.06
ITEM 6	12.79	6.35	2.12	20.00	1.05	11.41	1.05	4.74	1.92	22.38
ITEM 7	2.30	68.32	15.57	16.77	35.94	8.28	10.05	15.99	16.89	0.00
ITEM 8	0.84	1.52	16.31	0.05	0.37	1.06	0.41	6.70	0.76	16.04
ITEM 9	1.02	30.00	0.06	4.56	13.45	0.17	0.44	13.00	42.14	2.79
ITEM 10	28.55	0.18	39.75	8.62	8.30	0.16	4.75	15.42	3.96	13.08
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