Active ingredients and mechanisms of change in motivational interviewing for medication adherence. A mixed methods study of patient-therapist interaction in patients with schizophrenia

Motivational Interviewing (MI) for medication adherence in patients with schizophrenia.
Coded data of 66 MI-conversations (14 patients).

Coding instruments:
Motivational Interviewing Skill Code 2.1 (MISC 2.1)
For the global ratings:

- Acceptance
- Empathy
- MI-Spirit (consisting of Collaboration, Autonomy, and Evocation)
- Self-exploration

Motivational Interviewing Sequential Code for Observing Process Exchanges (MI-SCOPE)
Therapist behaviour codes (T codes): 20 codes.
Client behaviour codes (C codes): 10 codes.

Study population
Fourteen patients participating in the intervention group of an RCT (MATCH-trial, see refs).
Five therapists (three community mental health nurses, a psychiatrist, a psychologist) (see ref 1).

Data and data coding
The data consisted of 66 audio recorded and transcribed MI-sessions. For the exact coding procedures: see reference 1.
The coded data consist of 14 excel-files. Each file consists of 3 to 8 MI-sessions (S1, S2, etcetera).
Therapist codes and client codes are abbreviations, see table 1 and table 2 for codes in full.

Table 1: Therapist codes

ADV = Advise ADVzp or ADV- = Advise without permission ADVmp or ADV+ = Advise with permission	OP = Opinion
AFF = Affirm	PS = Permission seeking
CON = Confront	CQ = Closed Question OQ = Open Question CQ+ and OQ+ = Question directed at medication adherent behaviour of intentions CQ- or OQ- = Question directed at medication non-adherent behaviour of intentions CQ± or OQ± = 2-sided question CQ^0 or OQ^0 = Question not directed at medication adherence
DIR = Direct	SR = Simple reflection CR = Complex Reflection

	SR+ or CR+ = Reflection directed at medication adherent behaviour of intentions SR- or CR- = Reflection directed at medication non-adherent behaviour of intentions SR± or CR± = 2-sided reflection SR^0 or CR^0 = Reflection not directed at medication adherence
EC = Emphasize Control	RC = Raise concern
FA = Facilitate	SD = Self-disclosure
FB = Feedback	SP = Support
FIL = Filler	STR = Structure
GI = General information	WA = Warn
Streepje T = uncodable	

Table 2: Client codes

A = Ability Al, Am, Ah = Ability low, medium, high respectively A+ = Ability statement pro medication adherence A- = Ability statement contra medication adherence	R = Reasons Rl, Rm, Rh = Reasons low, medium, high respectively R+ = Reasons statement pro medication adherence R- = Reasons statement contra medication adherence
C = Commitment Cl, Cm, Ch = Commitment low, medium, high respectively C+ = Commitment statement pro medication adherence C- = Commitment statement contra medication adherence	TS = Taking steps TS+ = Taking steps directed at medication adherence TS- = Taking steps directed at medication non-adherence
D = Desire Dl, Dm, Dh = Desire low, medium, high respectively D+ = Desire statement pro medication adherence D- = Desire statement contra medication adherence	ASK = Ask
N = Need Nl, Nm, Nh = Need low, medium, high respectively N+ = Need statement pro medication adherence N- = Need statement contra medication adherence	FN = Follow neutral
O = Other Ol, Om, Oh = Other low, medium, high respectively O+ = Other statement pro medication adherence O- = Other statement contra medication adherence	- = uncodable

References:
[1] DOI 10.1186/s12888-018-1724-9
[2] DOI 10.1093/schbul/sbt138