

SUPPLEMENT S5 – QUANTITATIVE DATA ANALYSIS

Beliefs about Medicines Questionnaire (BMQ)

The BMQ consists of the BMQ-General and BMQ-Specific, evaluating beliefs about medicines in general and beliefs about medicines prescribed for personal use respectively. The BMQ-General assesses beliefs that medicines are overused by physicians (*General-Overuse*) and beliefs that medicines are harmful (*General-Harm*). The BMQ-Specific assesses beliefs about the personal need for medicines to maintain health (*Specific-Necessity*) and concerns about the potential adverse effects of medicines (*Specific-Concerns*). Items on the BMQ subscales are scored on a 5-point Likert scale varying from 1="strongly disagree" to 5="strongly agree". Higher scores indicate stronger beliefs in the concepts of the sub-scale. Median scores for the four sub-scales were calculated. For the BMQ-Specific, the necessity-concerns differential was calculated by subtracting the concerns score from the necessity score resulting in four attitudinal groups: accepting (necessity ≥ 15 , concerns < 15), ambivalent (necessity ≥ 15 , concerns ≥ 15), sceptical (necessity < 15 , concerns ≥ 15) and indifferent (necessity < 15 ; concerns < 15).

Physician version of the 9-item shared-decision making questionnaire (SDM-Q-DOC)

The SDM-Q-DOC is a validated 9-item questionnaire assessing the level of shared-decision making as perceived by the physician during a consultation.³¹ The SDM-Q-DOC includes 9 statements that should be scored on a 6-point Likert scale ranging from "0=completely disagree" to 5="completely agree". Scores range between 0 and 100 with 0 representing the lowest possible level of SDM and 100 the highest possible level.³¹