

**Table 1. Description of fieldwork predictions**

Predictions are identified (“predict id”) in support of various relevant hypotheses and a plainly stated prediction, based largely on binary and categorical data from structured surveys (phase 1) and competence scores (phase 2). For brevity, we use the notational format “ $X \sim Y$ ” to abbreviate, “ $X$  is associated with  $Y$ ”. Specified support criteria for each prediction is listed in table 2.

predict id	relevant hypotheses	prediction
1	i	laibon prophets $\sim$ social conflict (SC)
2	i	science advisors $\sim$ economic challenges (EC)
3	i,ii	each local expert $\sim$ unique problem domains (U)
4	i,ii	overlapping problem domains (O) $\sim$ high conflict, low consensus
5	i,ii	science advisors (agricultural sciences) $\sim$ low herd size (TLU)
6	i,ii	science advisors (medicine) $\sim$ novel diseases (ND)
7	i,ii	science advisors (medicine) $\sim$ access to medicine
8	i,ii	laibon healers $\sim$ common diseases (CD)
9	i,ii	laibon healers $\sim$ low access to medicine
10	ii	individual trust in experts $\sim$ local consensus (neighbors) about trust
11	ii	each expert is highly important in trust network
12	i,iii	laibon healers $\sim$ plant knowledge (PK)
13	i,iii	expert problem domains $\sim$ high knowledge in problem domain