

Table S2: Correlation matrix from the second-stage CRE-MVP model for SAPs

	CR	AM	MT	RR	CF	PH	IS	RH
CR	1							
AM	-0.0029 (0.0436)	1						
MT	-0.0988 (0.0411)* *	0.1054 (0.0405)** *	1					
RR	-0.0747 (0.0478)	0.2185 (0.0464)** *	-0.0015 (0.0478)	1				
CF	0.1180 (0.0564)* *	-0.2023 (0.0538)** *	-0.0310 (0.0570)	-0.0358 (0.0580)	1			
PH	-0.0602 (0.0277)* *	-0.0559 (0.0269)** *	-0.0481 (0.0281) *	-0.0362 (0.0463)	-0.0321 (0.0286)	1		
IS	0.1224 (0.0540)* *	0.2444 (0.0530)** *	-0.0588 (0.0539)	0.0567 (0.0558)	-0.0565 (0.0549)	0.2770 (0.0534)** *	1	
RH	0.4114 (0.0448)* **	0.0958 (0.0433)**	0.1603 (0.0457) ***	0.1391 (0.0450)** *	0.1011 (0.0461)* *	0.1304 (0.0469)** *	0.0913 (0.0469)**	1