

Effects of health crises and quarantine on coffee and potato farmers in Peru: short and medium trend dynamics through a panel data base

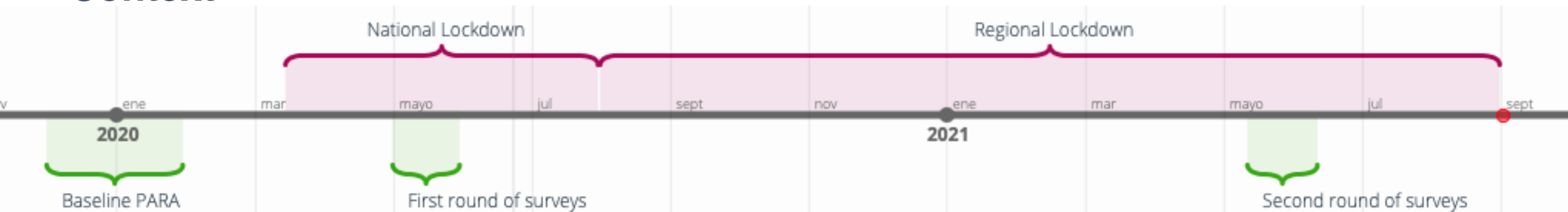
FTA Rapid Research Response Webinar

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Context



Baseline of *Piloting approaches to rural advisory services in support of scaling of the Agroforestry Concessions scheme in Peru (PARA)* of 1070 farmers

Peru had one of the toughest and longest quarantines worldwide

Two months after the quarantine we conducted the first surveys, and a year later we conducted a second round to assess for medium-term effects.



Study desing

Rapid assessment of quarantine effects: quick and expeditious

Descriptive study, not casual

Random sample of farmers with cell phones: Aprox 80

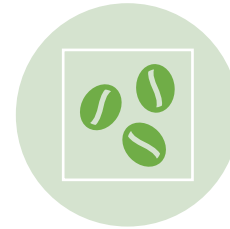
Second round of surveys (panel) to assets medium term effects



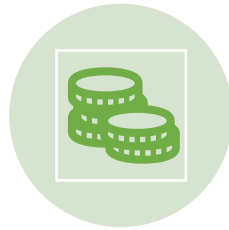
Short term results (May 2020)



82% Spend the same time in the farm



60% expect to harvest lower or much lower

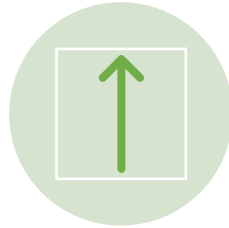


75% expect to sell of the coffee

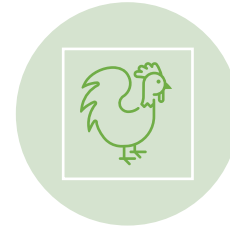


76% expect the same or higher price

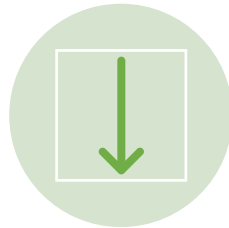
Short term results (May 2020)



44% spend more saving



21% sold assets

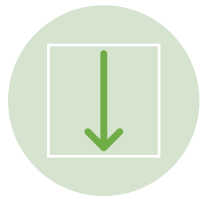


74% change change food consumption patterns (less proteins)



74% plan to incorporate food crops for household consumption

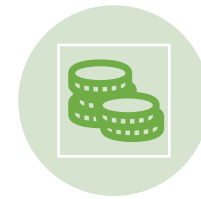
Medium term results (May- Jun 2021)



36% less expected harvested volumens



34% incorporated a new crop



95% reincorporated some proteins to the meals (in lower quantities)



Conclusions

Shock caused by strict lockdown still having an effect

2021 agricultural season was more affected than 2020 season

Reduction in assets generates a long term effect.

New challenges for interventions (diversification but lack of resources)

Use of consolidate project infrastructure to carried out quick assessment

Vargas, R., Fonseca, C., Hareau, G., Ordinola, M., Pradel, W., Robiglio, V., & Suarez, V. (2021). Health crisis and quarantine measures in Peru: Effects on livelihoods of coffee and potato farmers. *Agricultural Systems*, 187, 103033. <https://doi.org/10.1016/j.agry.2020.103033>



Thanks

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