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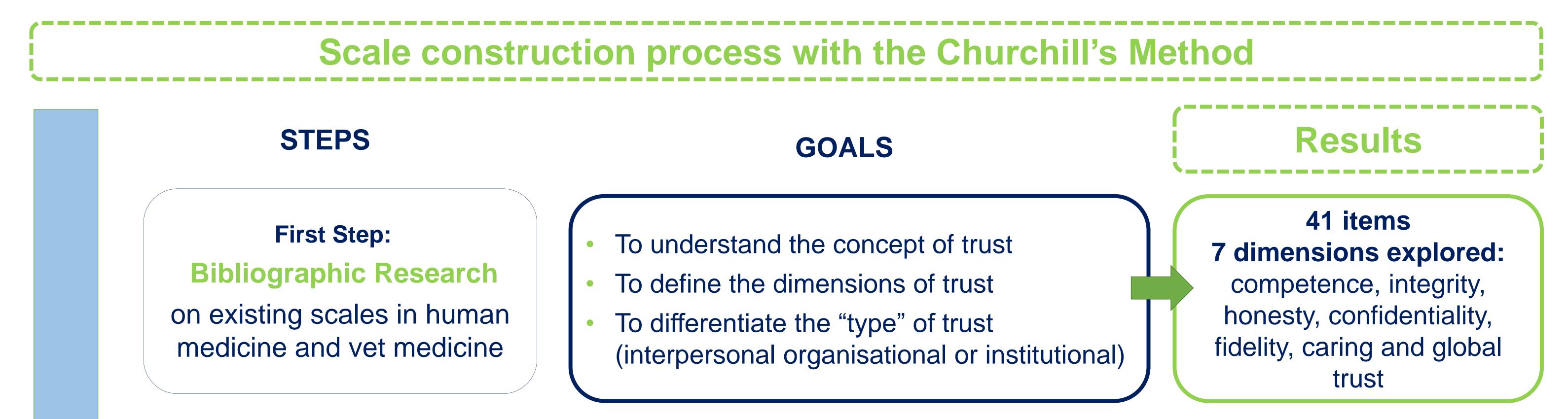
Assessing pig farmers'trust in their veterinarian: Development and validation of the Trust in Veterinarian Scale (TiVS)

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Introduction

- A qualitative study showed the importance of veterinarian support and councelling for the farmers to assimilate and implement new practices (Fortané et al., 2015)
- A previous study showed that pig farmers who followed vet recommandations were always convinced by this measures and trusted them (Collineau et al., 2017)
- In human medecine, patients' trust in their physician is considered essential for good quality and effective medical care (Hillen et al., 2012).
- Several scales exists (Muller et al., 2014), whereas only one has been developped in a specific veterinary medecine for pets (Grand et al., 2013).
- In this context, the first aim of this study is to validate the hypothesis according to which the main determiner of the compliance is the relationship of trust between the farmer and veterinarian.

Objective : To develop the Trust in Veterinarian Scales (TiVS) to assess pig farmers' trust in their veterinarian



Second Step:

Qualitative study

4 veterinarians Focus Group (16 swine veterinarians in total)

21 farmers qualitative open-ended interviews

• To improve TiVS first version from literature

- To explore vets' and farmers' perception
- To explore vets' and farmers' experiences
- To contextualize the scale in Veterinary medicine for the swine production

51 items adapted to the swine production context 7 dimensions with a new one "availability" and a merged dimension of honesty and integrity

Third and Fourth Step: Test by experts and Field validation study (five couples of swine veterinarians and farmers) Work in process



- To test scale's feasibility and robustness
- To check item's symmetry and genericity

Validation by working groups of experts

Work in process



- TiVS is the first scale adapted to pig farmers' trust in veterinarian.
- Many factors have an impact: history, psychology, competence, economical context, production organisation, agricultural advisors...
- Trust between farmers and veterinarians is a dynamic concept, changing over time and circumstances.
- This scale could be used to identify the different levels and dimensions of trust.
- Assessing farmers' trust in their veterinarians is probably an essential step to improve adherence to treatments or recommendations and skateholder's decisions.

Grand et al., (2013). Journal of the American Veterinary Medical Association 242(3): 322–34 ; Hall et al., (2002). Medical Care Research and Review 59(3): 293–318; Hillen et al., (2012). Supportive Care in Cancer 20(8): 1787–95 ; Hillen et al., (2012). Psycho-Oncology 21(4): 392–99 ; Muller et al., (2014). PLOS ONE 9(9):9