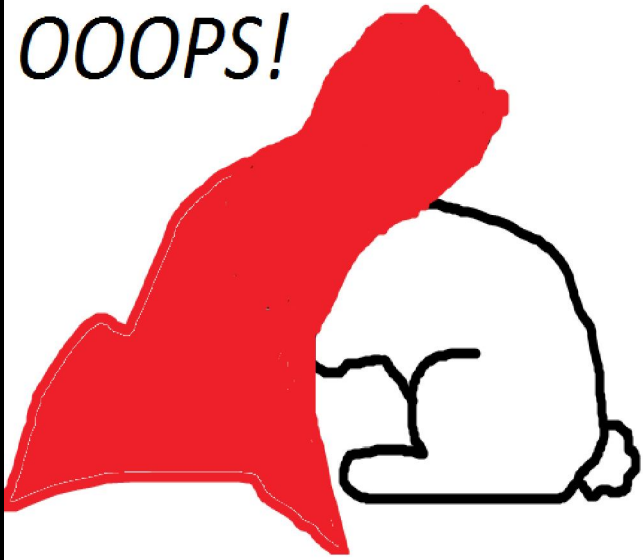


OOOPS!



Distress calls may honestly signal bird quality to predators

Paola Laiolo, Jose L. Tella, Martina Carrete,
David Serrano and Guillermo Lopez
2004

Presenter: Heather Spence
Animal Behavior II March 8 2011

Lesser Short-toed Lark



Calandrella rufescens

Lesser Short-toed Lark



**DISTRESS
CALL!!!**



Predator POV

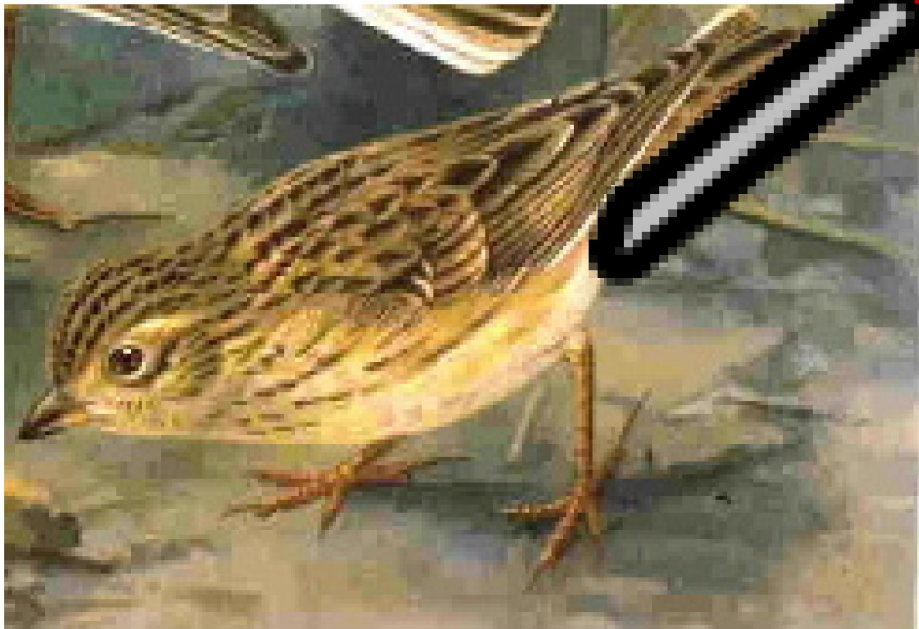
I WANT EASY PREY.

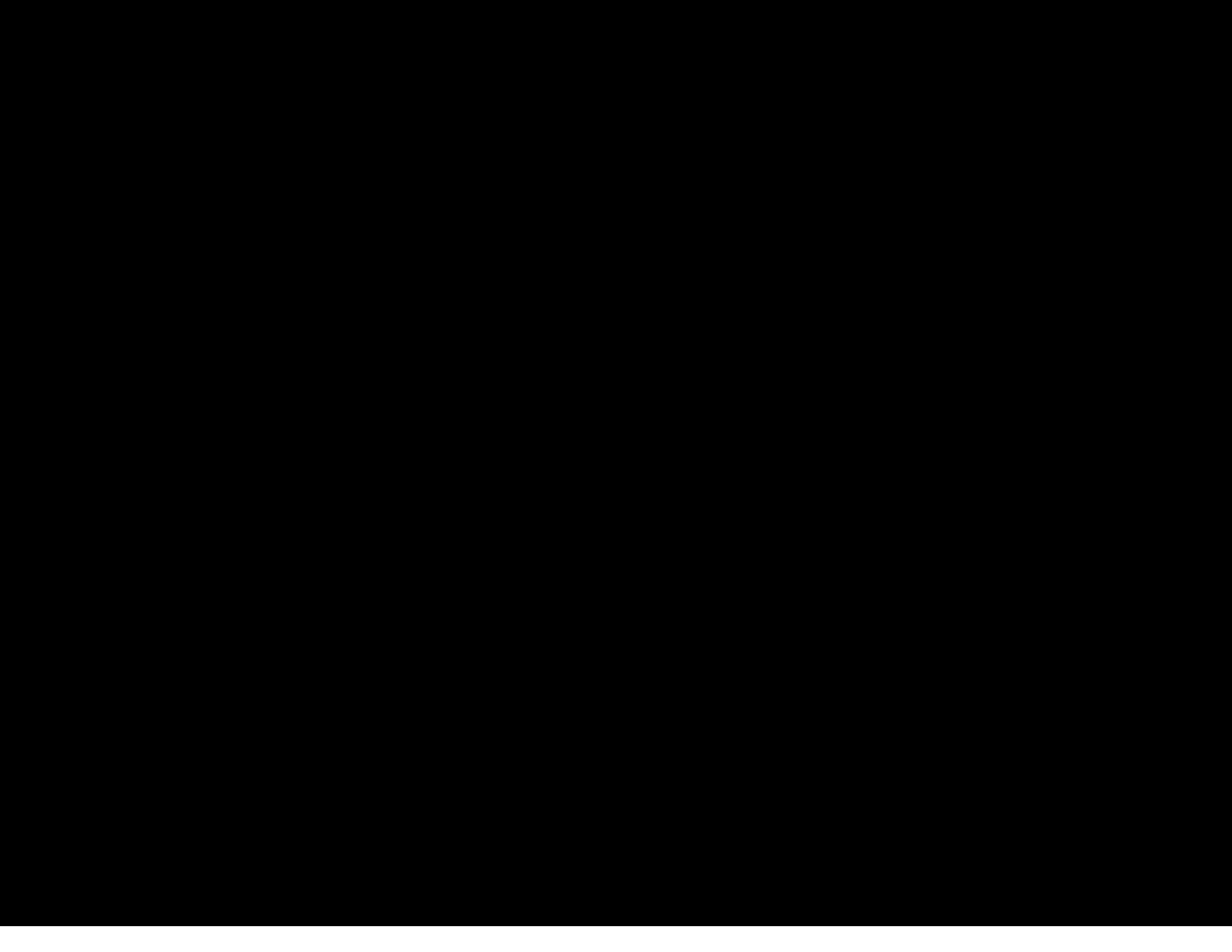


Do lark distress calls convey
reliable information on signaler
quality (to predators)?

METHODS





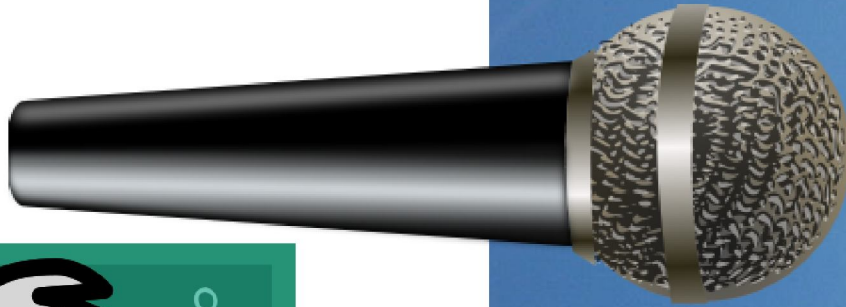


METHODS

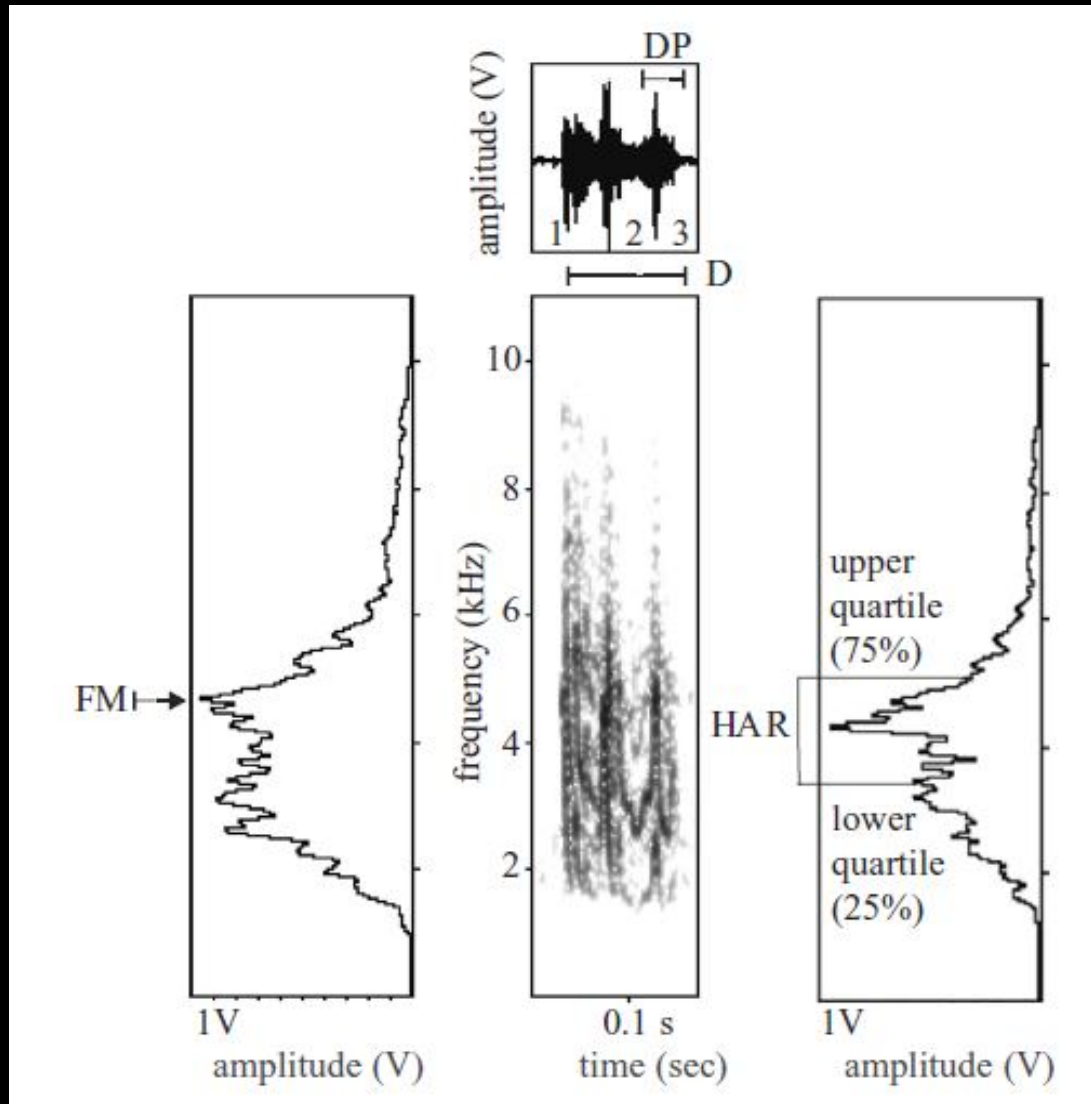




DISTRESS CALLS!!

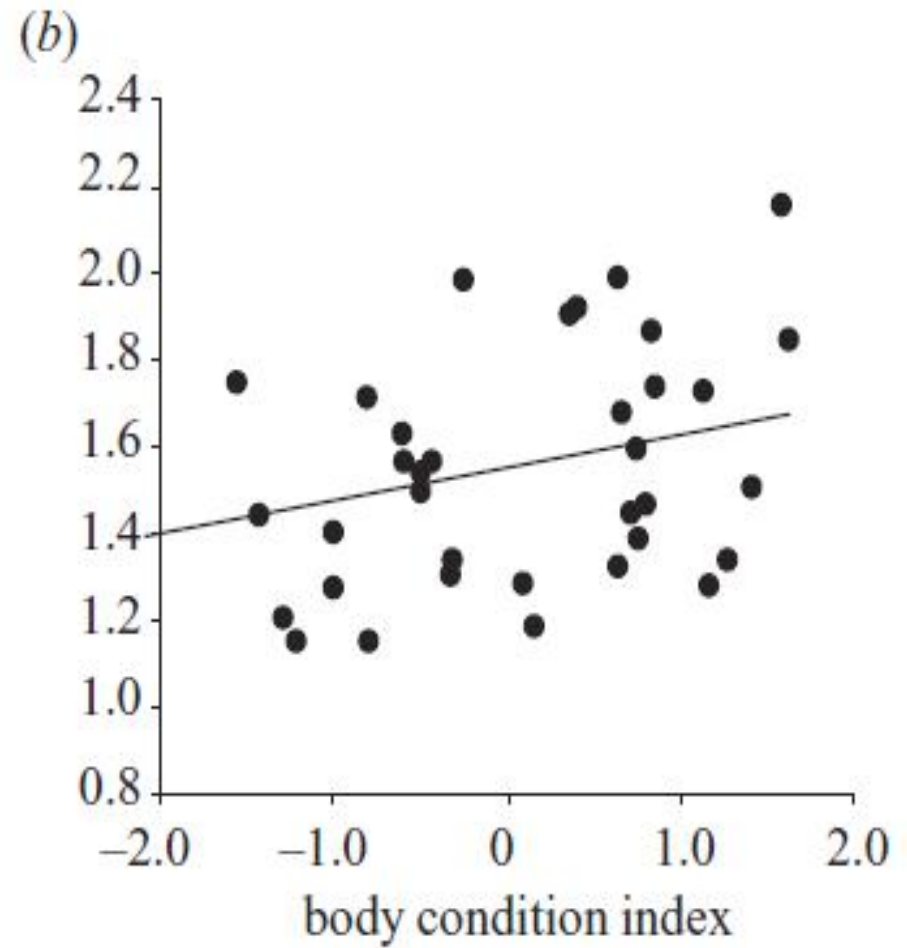
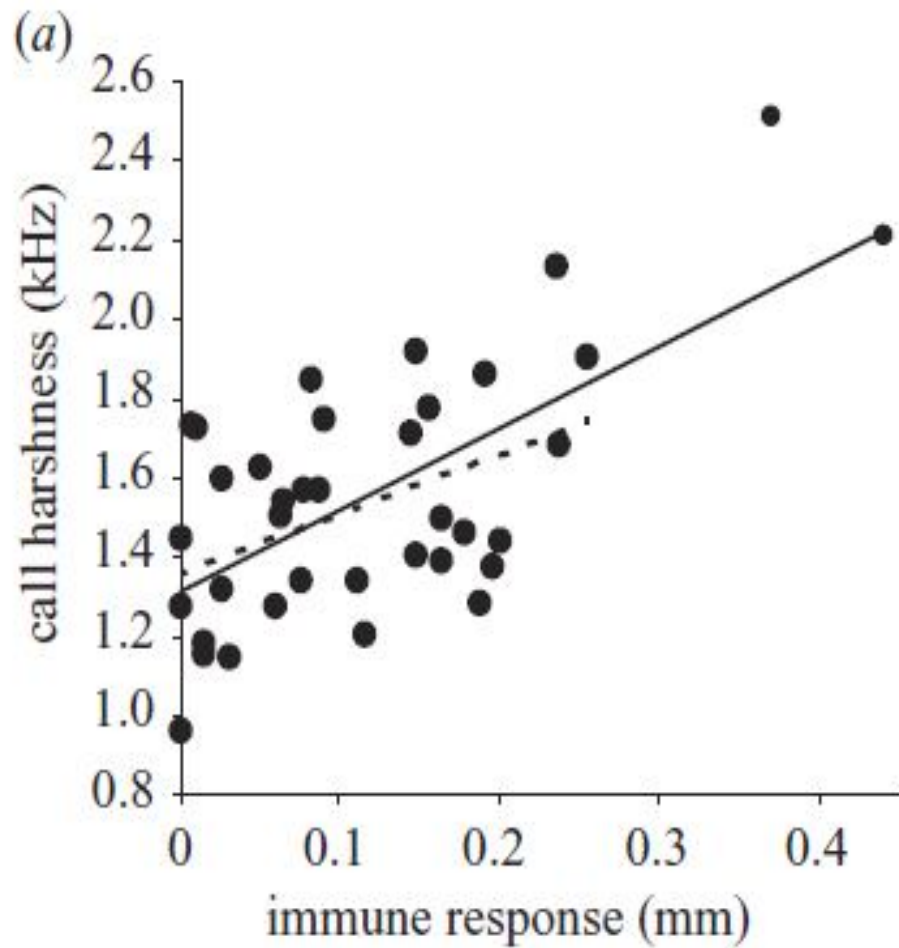


Results



HAR = frequency range with 50% of call energy

Results



Discussion

Bird quality NOT correlated with # calls or call rate

Both health measures were positively correlated
with CALL HARSHNESS

Call harshness = Aggression

Closeness of predator – first call(s) are important

Discussion

If you want to have lesser short-toed lark for dinner, go after the ones that make less harsh calls.

Please, don't pick me!





Burp...

ANY QUESTIONS?