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A 5 year retrospective analysis of the rate of mount refusals among AI-boars

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of the rate of mount refusal among AI-boars.

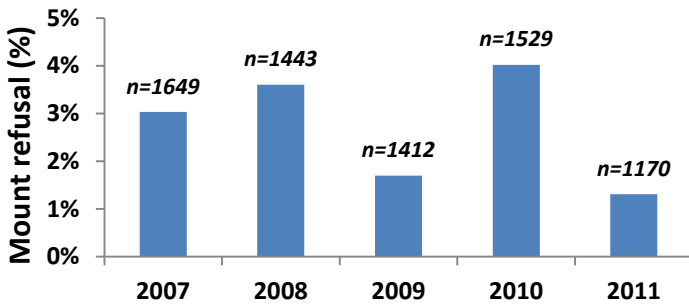
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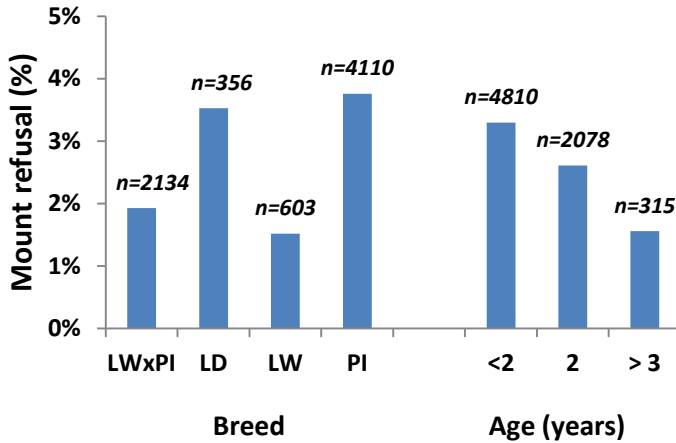
Refusals to mount or to ejaculate disturb management of AI centers, and repeated events may compromise productivity or boar longevity. This retrospective study evaluates the frequency of libido problems among AI-boar over a 5 year period.

Effect of year on mount refusal



Data collected from INRA boar stud (jan.2007 to dec. 2011): 7 203 semen collections attempts from 264 boars of 4 genotypes (Large White LW, Landrace LD, Pietrain PI, LWxPI)
Effects of genetic line, year, month or season and age are evaluated using generalized linear model (Splus)

Effect of breed and age on mount refusal

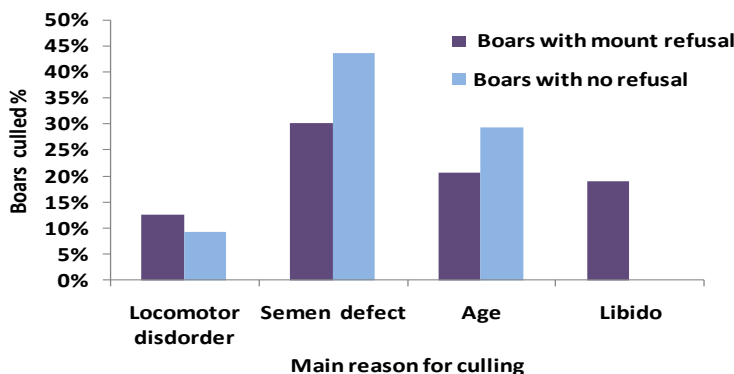


No effect of month or season.
-Significant effects on mount refusal:

- Year (p<0.001)
- Breed (p<0.001)
- Age (p<0.001)

-Collection failure is associated with more culling for libido problems and slight differences for other reasons.

Reasons for culling and mount refusal



Conclusion. Prevention of libido failures should focus on individual factors, specially behavioral or clinical parameters