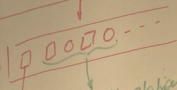


Benefit in Pigs

birth of a litter

→ time



selection candidate

field tested

testing station  
for performance test  
slaughtered at the  
end of test

traditional:  
all litter mates  
have the same  
predicted breeding  
value:  
$$U_i = \frac{1}{2}(U_s^a + U_d^a)$$

- DNA samples of all litter mates
- Compute genomic breeding values which are different between litter mates, keep the best as selection candidate