

Computation of  $(A)_{ii}$  requires  $F_i$  and  $(A)_{sd}$

$$(A)_{ii} = 1 + F_i = 1 + 0.5 \cdot (A)_{sd}$$

only valid for R, if both parents  
s and d are known, i.e.  
s and d are both not NA

① | determine parent s of animal i |

② | determine parent d of animal i |

