В contact cross correlation 0.5 acoustic distance  $d_{i,j}$ 0.5  $d_{i,j} \sim \alpha_{same ind} + \alpha_{same rec} + \dots$  $d_{i,j} \sim \alpha + \beta * log(minutes) + ...$  $d_{i,j} \sim \alpha + \beta * days + ...$ 0.32 0.0 0.1 15 0.01 10 30 contrast time [s] time [days]