Bird – Phylogenetic diverssty (PD) PA efficacy PA efficacy PA efficacy Connectivity Interaction PA 0.0 -PA size effect PA size effect PA size effect PA Size Connectivity Interaction Eestimated effect 0.8 -0.25 -0.00 --0.25 -0.0 -Distance to PA effect Distance to PA effect Distance to PA effect Distance to PA Connectivity Interaction 0.25 --0.50 **-**130 130 10 100 Dispersal distance (km)