Thresholds distributions by variable Conductivity Dissolved oxygen **Ammonium** am-16co-16do - 16 -60000 do - 14 am-14co-14am-12co-12do - 12 -20000 do - 10 am-10co - 10 -50000 8000 do-8am-8co-8am-6co-6do-6-40000 - 15000 am-4 co-4do-4-6000 do-2am-2co-2am+1co+1do+1-30000 am+3co+3do+3-10000 4000 am+5 co+5 do+5 20000 co+7do+7 am+7co+9 do+9 am+9-- 5000 - 2000 am+11co+11do+11 -- 10000 am+13co+13 do+13 am+15 co+15 do+15 -0.8 0.8 0.8 0.0 0.2 0.2 0.2 1.0 0.0 0.6 1.0 0.0 1.0 0.4 0.6 0.4 0.4 0.6 Thresold Thresold Thresold рΗ **Turbidity** Water temperature ph - 16 tu-16wt - 16 - 14000 tu-14wt - 14 ph - 14 -- 2500 - 1600 ph - 12 tu-12wt - 12 ph - 10 tu-10wt - 10 -12000 - 1400 tu-8ph-8wt-8-- 2000 ph-6tu-6wt-6-- 1200 10000 Instance Instance wt - 4 tu-4-- 1000 ph-2tu-2wt-2-- 1500 8000 wt+1ph+1tu+1-800 ph+3 tu+3wt+3 6000 ph+5 tu+5 wt+5 - 1000 600 tu+7wt+7ph+7 -4000 ph+9tu+9wt+9-400 ph+11tu+11wt+11-- 500 - 2000 ph+13tu+13wt+13-- 200 ph+15 tu+15 wt+15 -0.8 0.8 0.2 0.8 0.0 0.2 0.4 0.6 1.0 0.0 0.2 0.4 0.6 1.0 0.0 0.4 0.6 1.0 Thresold Thresold Thresold