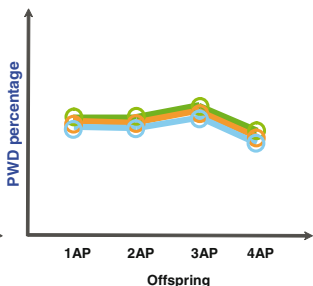
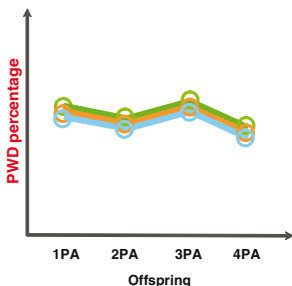
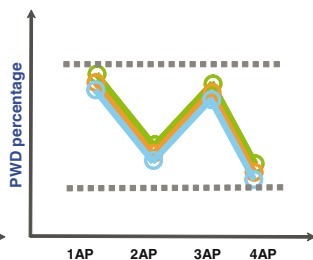
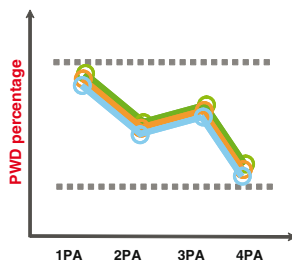
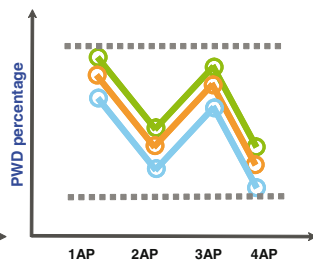
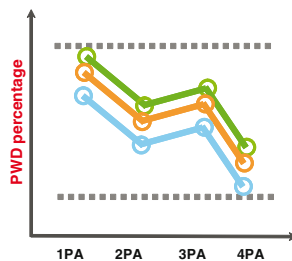


PWD x AKR**AKR x PWD****(a) No sampling effect, no eQTL effect, no parent-of-origin effect****(b) With sampling effect, no eQTL effect, no parent-of-origin effect****(c) With sampling effect and eQTL effect, no parent-of-origin effect****(d) With sampling effect, eQTL effect and parent-of-origin effect**