Spearman Rank Correlation Heatmap showing significant P-Values < 0.01 1.00 Unnamed: 0 -**HCP1QP** -PRP1QP -HCP2QP -- 0.75 PRP2QP -0.990.760.81 **HCP4QP** -0.910.5 PRP4QP -0.84 0.990.830.89 - 0.50 HCP1IP -0.47 b.92b.82 PRP1IP -HCP2IP -0.800.490.940.840.980.73 0.51 0.940.740.930.940.850.610.89 0.76 PRP2IP -- 0.25 HCP4IP -0.870.499.939.859.920 0.51 0.960.90 PRP4IP -0.850.450.870.840.740.870.610.470.640.880.7 humus pH_eau -- 0.00 CEC -0.51 clay silt -- -0.25 sand caCO --0.49bd vwc --0.50temp rperm -0.710.50iperm -- -0.75 bulk ec hp -1.720.49**3**0.990.99 water ec hp -0.470.470.50 0.640.520.5 bulk_ec_inv -0.490.550.50 ideal_bulk_ec --1.00rperm sand caCO pq humus pH_eau HCP4QP PRP41P **PRP2IP** HCP4IP PRP40P HCP2IF 불