Trait: PPL Raw data Fitted data Residuals - 25 - 25 25 - 20 - 20 - 20 20 20-<del>-</del> 15 - 15 row 15 15 5-- 10 - 10 6-6-6-2-2 ω-10 10 10 col col col Histogram **Fitted Spatial Trend Genotypic BLUPs** 100 8-8-- 3 - 3 25 - 2 Frequency 40 60 20 -20 row row 15-15-- 0 6-9-20ω-2 0 –2 0 2 Genotypic BLUPs 12 -4 1 12 10 10 6 6 8 8

col

col