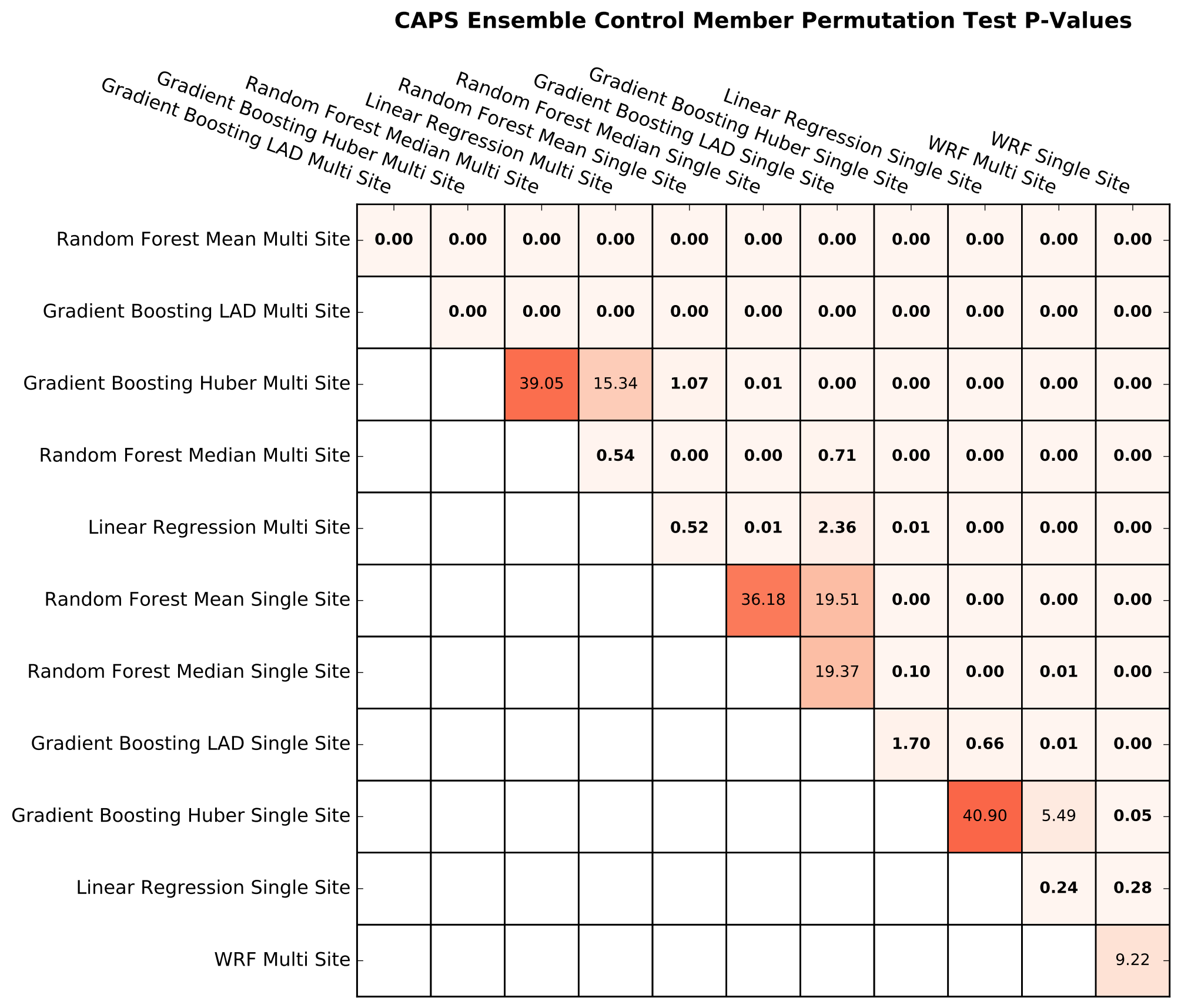CAPS Ensemble Control Member Permutation Test P-Values