



Fig. 7. MSE (a-h), MAPE (i-p), and R^2 (q, r) scores obtained by various models, feature combinations, illumination conditions for N_{Fe} -altered test dataset. Illumination: 940 nm (a-d, i-l, q), AM (e-h, m-p, r). Feature dimension: 4 (a, e, i, m), 5 (b, f, g, n), 6 (c, g, k, o), and 7 (d, h, l, p). Results obtained with PCA applying