**Comparison of PAM50 and IHC surrogates among women with Ki-67 IHC data (n=337)**

A. Table displaying the correlation between Luminal A, Luminal B, HER2-enriched and Basal-like as classified by PAM50 (using modified median gene centering) and IHC surrogates (accuracy = 0.50, kappa = 0.29)



B. Table displaying the correlation Luminal A, Luminal B, HER2-enriched and Basal-like as classified by PAM50 (using subgroup-specific gene centering) and IHC surrogates (accuracy = 0.49, kappa = 0.29)



C. Table displaying the correlation between Luminal A/B, HER2-enriched and Basal-like as classified by PAM50 (using modified median gene centering) and IHC surrogates (accuracy = 0.81, kappa = 0.53)



D. Table displaying the correlation between Luminal A/B, HER2-enriched and Basal-like as classified by PAM50 (using subgroup-specific gene centering) and IHC surrogates (accuracy = 0.79, kappa = 0.49)

