Estimators of the average treatment effect

Here, we document all candidate estimators we will use in building synthetic causal estimators. For the most part, we write the estimators in the form

$$\sum_{i=1}^{n} \omega_i y_i,$$

where ω_i is a weight function that can in general depend on all the data. Let d_i be the treatment indicator, and let x_i denote covariates. We will denote the propensity score as e_i and the prognostic score as g_i ate_list <- list(ipw = ipw2_ate, strat = strat_ate, strat_regr = strat_regr_ate, match_ps = match_ps_ate, match_prog = match_prog_ate, match_both = match_both_ate, cal_ps = caliper_ps_ate, cal_both = caliper_both_ate, grf = grf_ate, regr = regr_ate, dr = dr_ate, bal = bal_ate, hdbal = highdim_bal_ate)