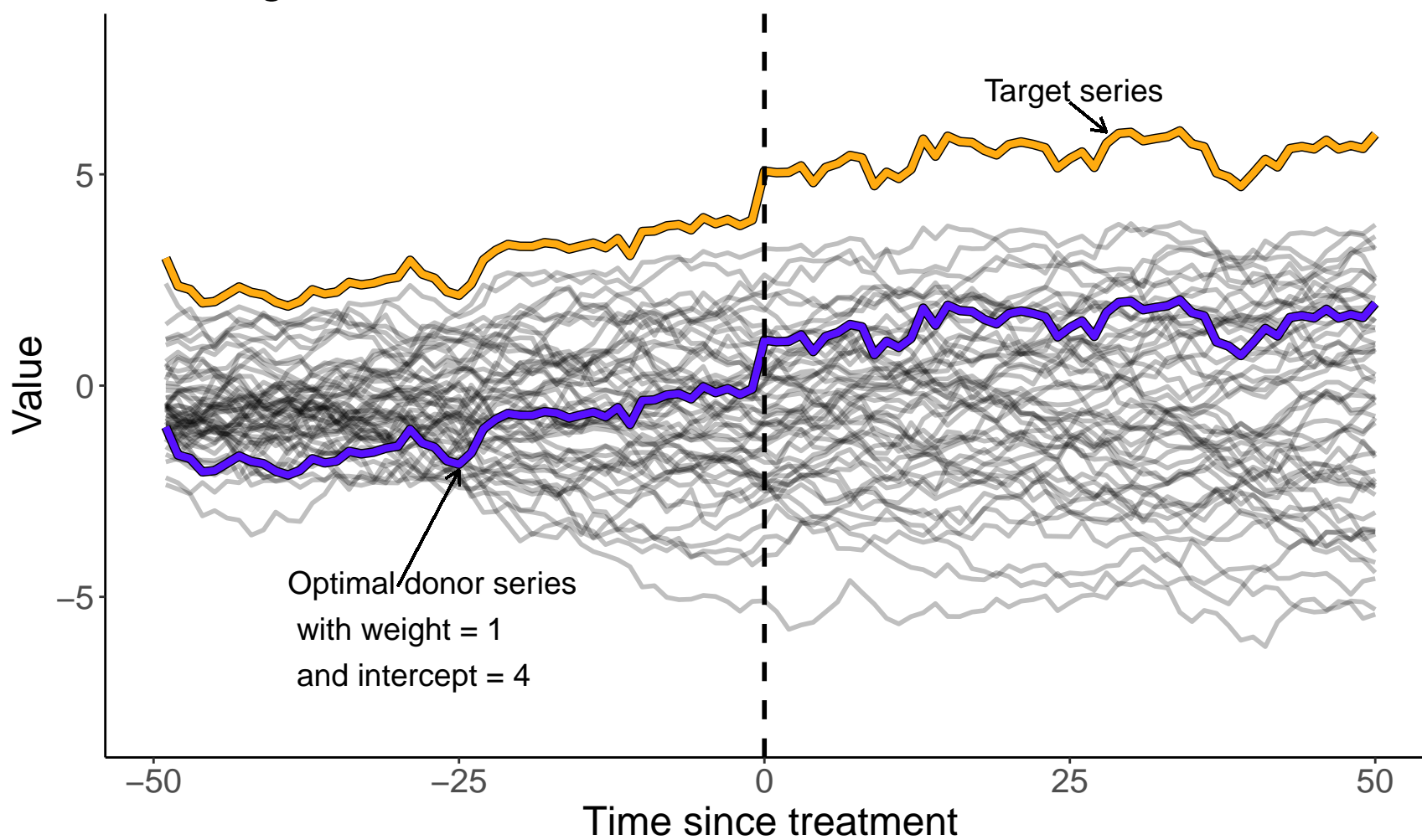
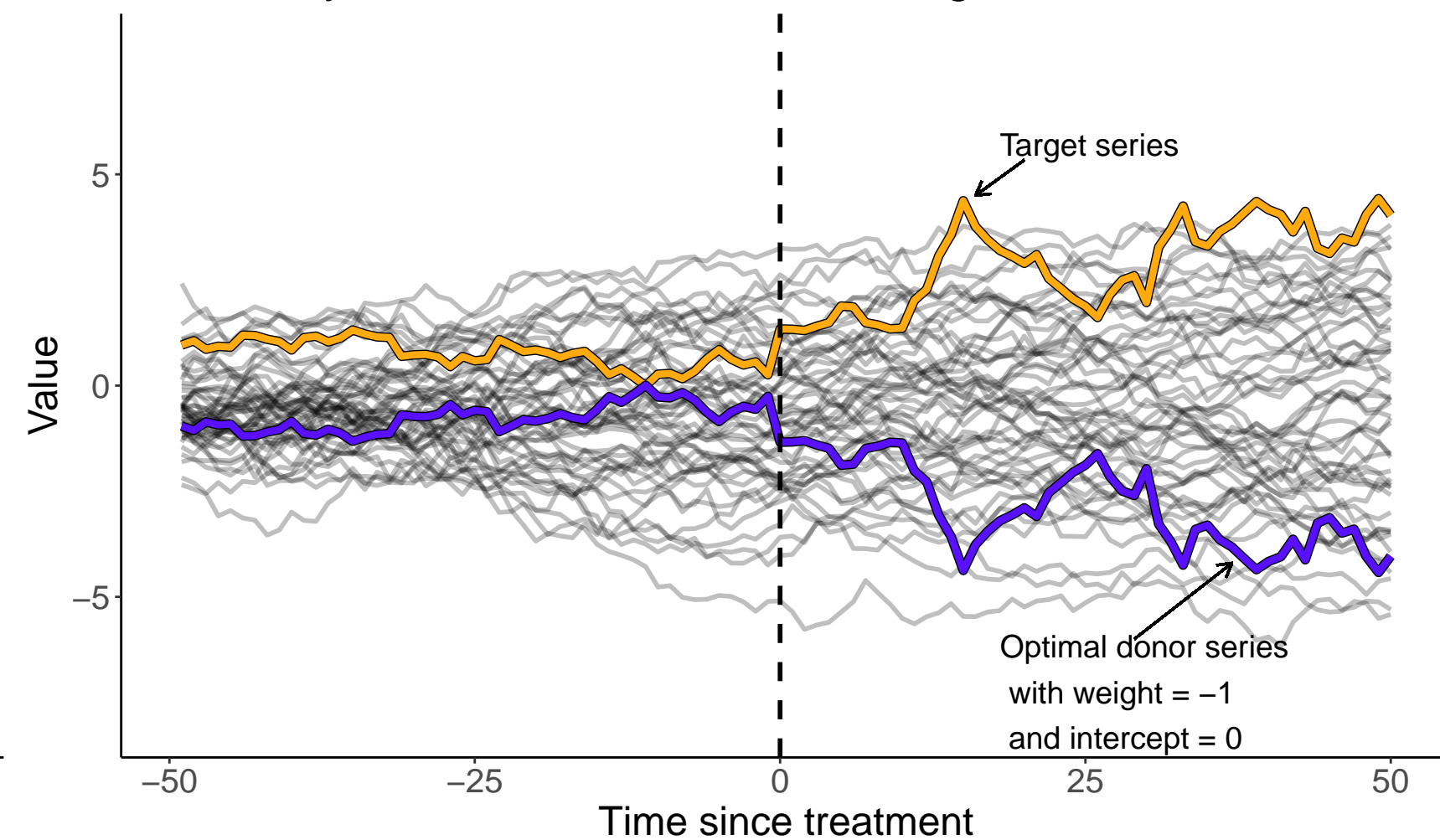


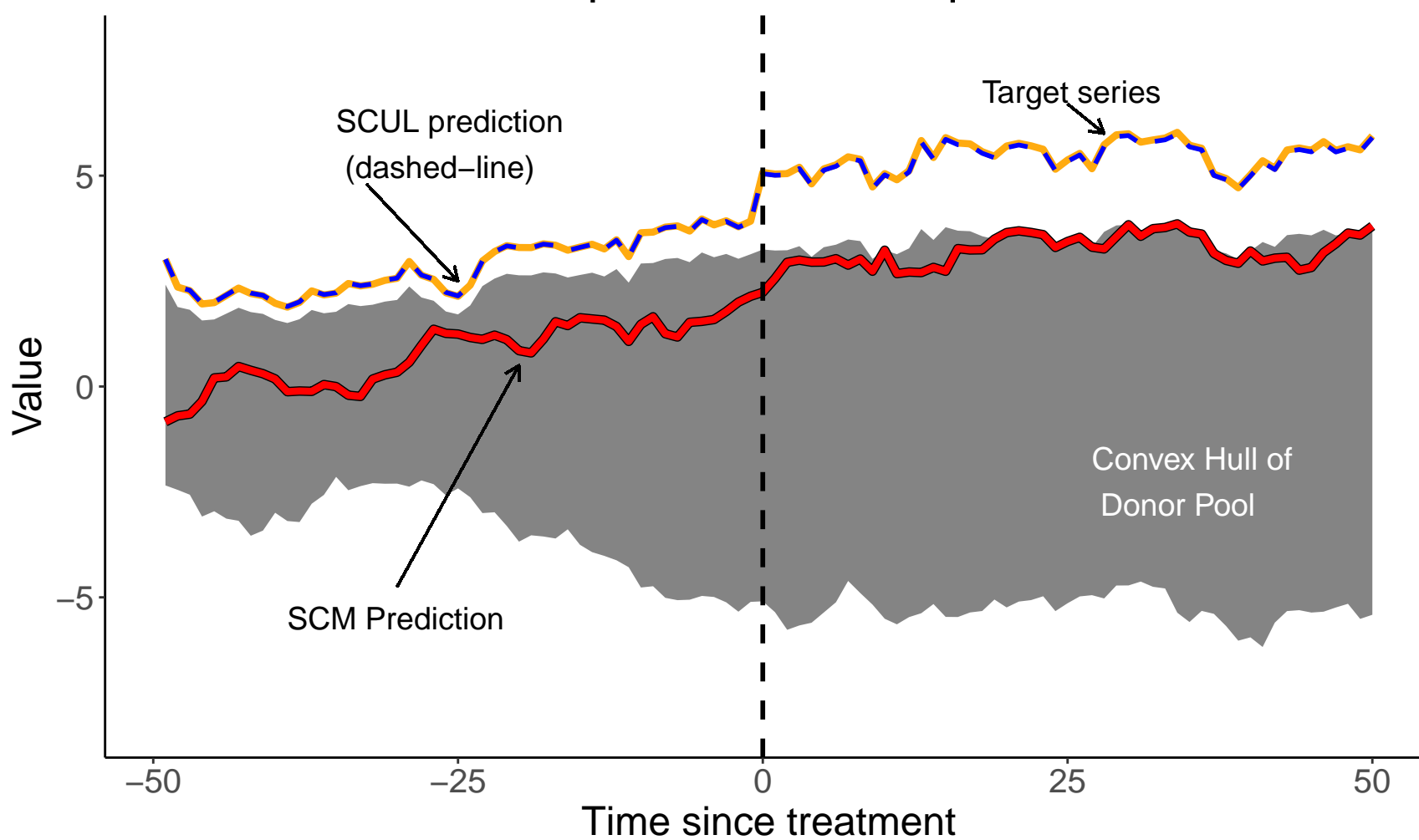
A Case 1: No convex combination of the donor pool can equal the target time series



B Case 2: The best donor series for this time series is countercyclical and would need a weight of -1



C Case 1: Traditional SCM is bound by convex hull and cannot use an intercept to select the optimal donor series



D Case 2: Traditional SCM cannot give -1 weight to optimal donor series

