Figure Legend 3: A Cox multivariate regression was performed with the survival time of pediatric kidney allografts as the dependent variable with HLA mismatch as the primary explanatory variable, 0-mismatch the reference. Patients received organs from living and deceased donors. A weighted linear regression was performed with the HRs in each stratum. The blue diamonds are the HRs from the reduced model with recipient age, sex, and transplant era as covariates (SDC, Table 3), while the red line and squares reflect the full Cox model (Table 2). There is a statistically significant linear relationship for the reduced model HRs with an intercept of 0.91 (0.57, 1.25), p = 0.0009, and a slope of 0.31 (0.22, 0.40), p = 0.0003. For the full model HRs, the intercept is 1.24 (0.95, 1.52), p<.0001, while the slope is 0.15 (0.07, 0.22), p = 0.0040.