bullying_data.csv: optimal variances of random effects depending on maximum non-zero coefficients allowed. --- intercept cv_symptoms 0.07 cv_unadjusted cv_b_parent_only 0.06 cv_or γ : variance of random effects cv_multi_reg cv_low_threshold_bullying 0.05 cv_baseline_adjust cv_anx 0.04 cv_selection_bias cv_child_baseline --- percent_female 0.03 0.02 0.01 0.00 2 3 8 10 11 12 1 $|\gamma|_0$: maximum number of non-zero random effects allowed in the model. True Positive Ξ percent_female False Positive cv_child_baseline \approx True Negative False Negative \approx cv_selection_bias \approx cv_anx · \approx cv_baseline_adjust v_threshold_bullying \approx cv_multi_reg \approx cv_or \approx cv_b_parent_only \approx cv_unadjusted

1 2 3 4 5 6 7 8 9 10 11 12 *the time is constrained to be always included as a fixed effect, so the procedure asks to choose i fixed effects and i-1 random effects (out of those i fixed effects).

cv_symptoms

intercept -