Forecast Comparison for Hospital Occupancy California Data $R_0(t)$: Constant $R_0(t)$: Constant $R_0(t)$: GMRF $1/\kappa(t)$: GMRF $1/\kappa(t)$: Genetic $1/\kappa(t)$: Constant 30,000 1 Week Ahead Forecasts 20,000 10,000 2 Weeks Ahead Forecasts Hospital Occupancy 40,000 20,000 150,000 4 Weeks Ahead Forecasts 100,000 50,000 Nov '21 Dec '21 Feb '22 Jun '21 Jul '21 Oct 57 Nov '21 Dec '21 Jan '22 -Feb '22 Mar '22 Jun '21 -Jul '21 Dec '21 Jan '22 -Feb '22 Aug '21 Jan '22 Mar '22 Aug '21 Sep '21 Aug '21 Sep '21 Oct '21 Nov '21 Jun '21 Jul '21 Oct '21 Sep '21 Credible Interval Width 50% 80% 95%