Different generation time intervals One-group model — Multiple-group model Original **Changed Contacts** Reproduction number R_t Reproduction number R_t 8 8 6 6 2 50 100 50 100 Time (days) Time (days) Changed yt Changed ICs Reproduction number R_t Reproduction number R_t 8 8 6 6 4 4 50 100 100 50 Time (days) Time (days)