

Figure 4: **Teaching modality-specific event studies.** On-campus mobility increased for all teaching modalities (a), while COVID-19 incidence rose for "Fully in-person" ( $\chi^2(8)=30.16,\ p<0.001$ ), "Primarily in-person" ( $\chi^2(8)=27.79,\ p<0.001$ ), and "Primarily online" ( $\chi^2(8)=21.25,\ p=0.007$ ) teaching modalities (b). CDC data (c) indicated that there were increases in COVID-19 incidence for "Hybrid" reopenings ( $\chi^2(8)=26.52,\ p<0.001$ ). Hospitalization rates rose following "Fully in-person" ( $\chi^2(8)=16.03,\ p=0.042$ ) reopenings (d). ICU admissions increased following reopening for "Hybrid" ( $\chi^2(8)=21.43,\ p=0.006$ ) reopenings (e). Deaths did not increase for any reopening modality (f).  $R_t$  was significantly different following reopening for "Primarily in-person" ( $\chi^2(8)=23.52,\ p=0.003$ ), "Hybrid" ( $\chi^2(8)=25.66,\ p=0.001$ ), and "Primarily online" ( $\chi^2(8)=25.82,\ p=0.001$ ) reopenings (g).