Figure 6. Case study of DGCF and DTGH on Breast Cancer Community dataset. (a) depict the real some of trajectories of patient ID 2814. In (b), DGCF predicts the wrong topics on Jun. 2017 and Aug. 2017. In (c), before Nov. 2017, our DTGH always predicts correct sub-forums and topics at the same time for the patient and only makes wrong prediction on Nov. 2017. Moreover, with the help of our logical constraints, our method can ensure the logic between predicted sub-forums and topics.