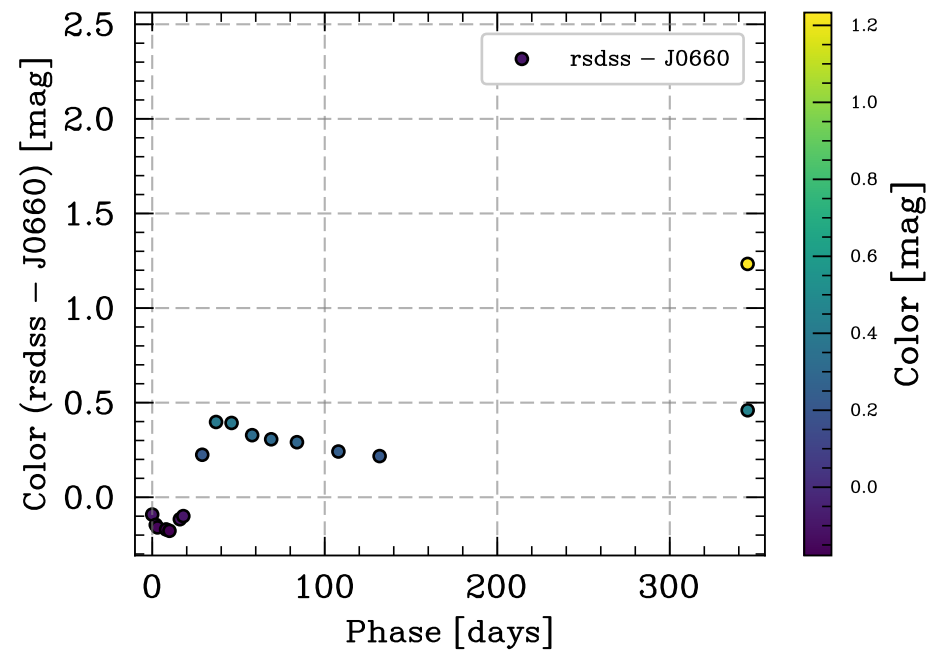
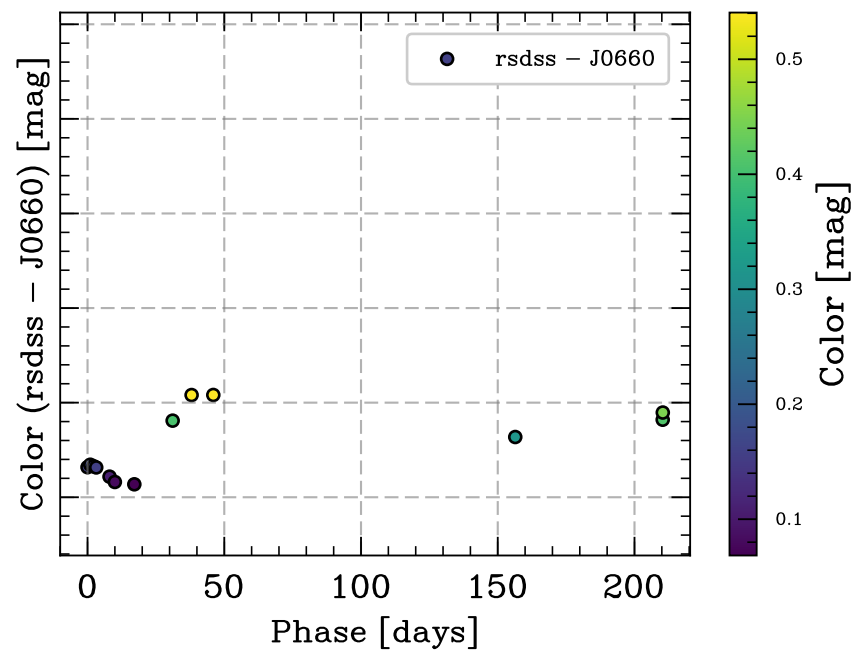
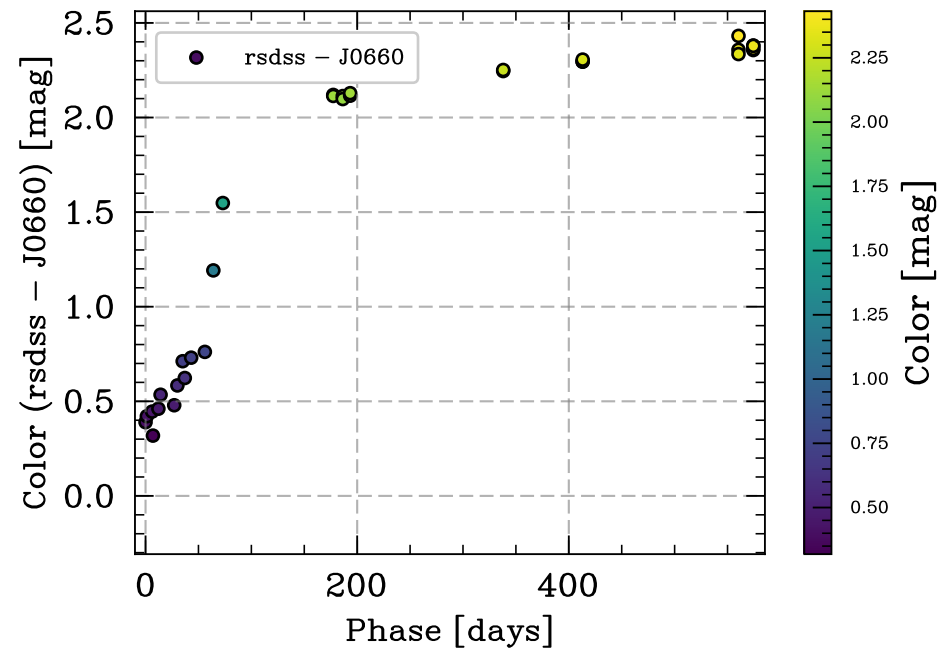


SN2012fr (SN Ia, $z = 0.00546$)**SN2015F (SN Ia, $z = 0.00400$)****SN2009ip (SN IIn, $z = 0.00590$)****SN2014cx (SN II, $z = 0.00549$)**