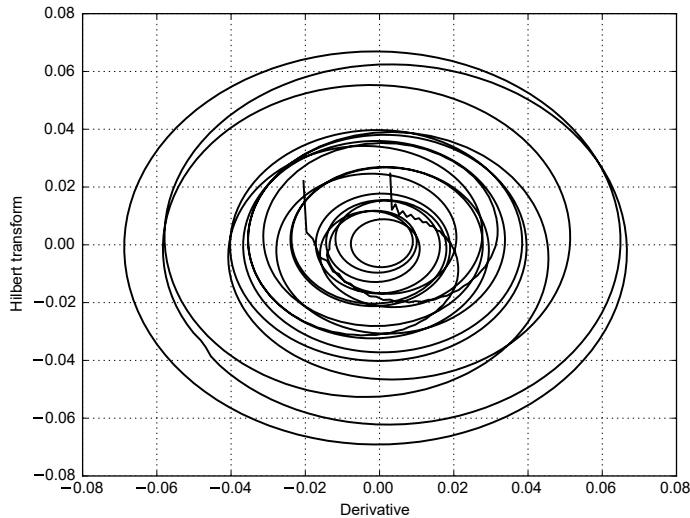
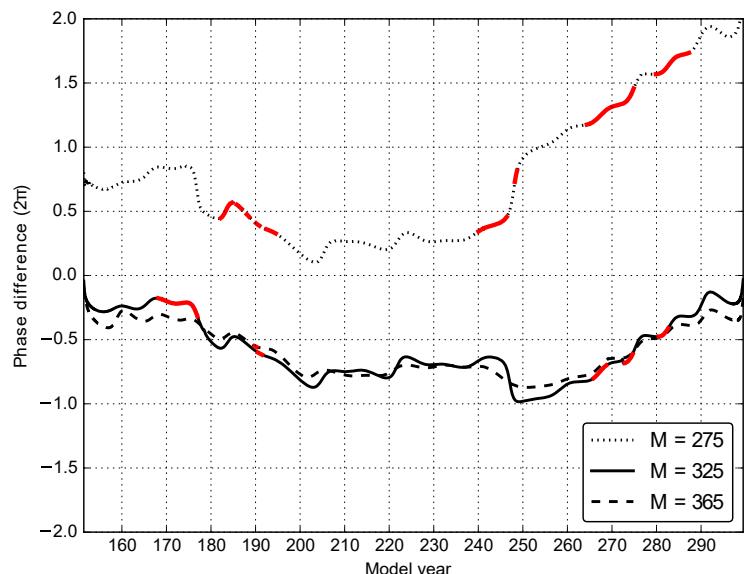


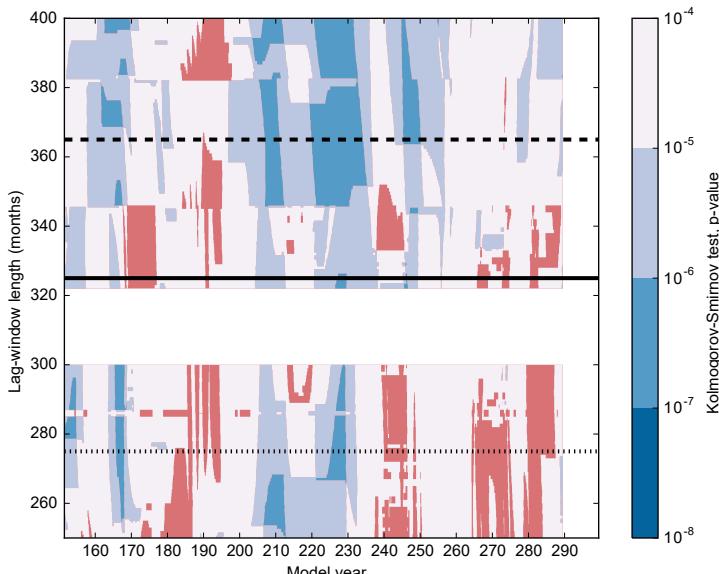
(a) KE path length



(b) PC1,  $T_X$



(c) Phase difference



(d) KS test, p value