

Figure S1: FTIR spectra of CO adsorbed on pure Al_2O_3 and Al_2O_3 -SAPO-11 supports. Equilibrium CO pressure is 5 mbar at liquid nitrogen temperature. Spectra normalized to the alumina content.

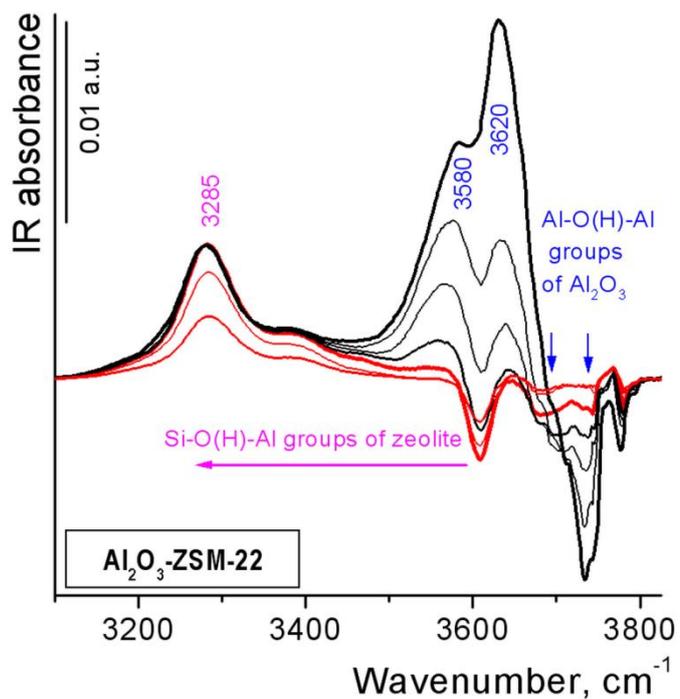


Figure S2: FTIR difference spectra of the OH stretching region during adsorption of CO on Al_2O_3 -ZSM-22 support. Equilibrium CO pressures used were from 0.3 (bottom curve) to 10 mbar (top curve).