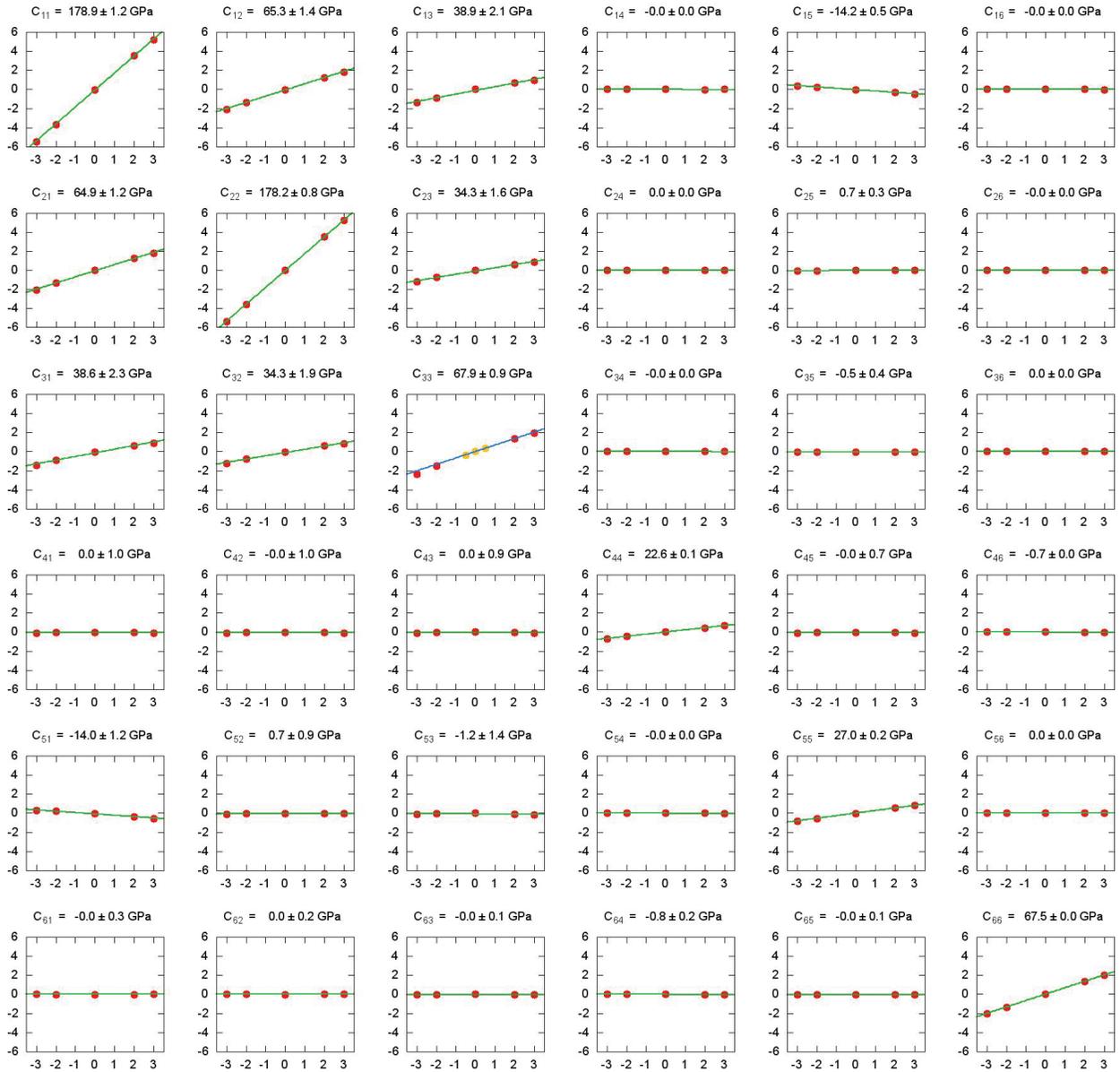


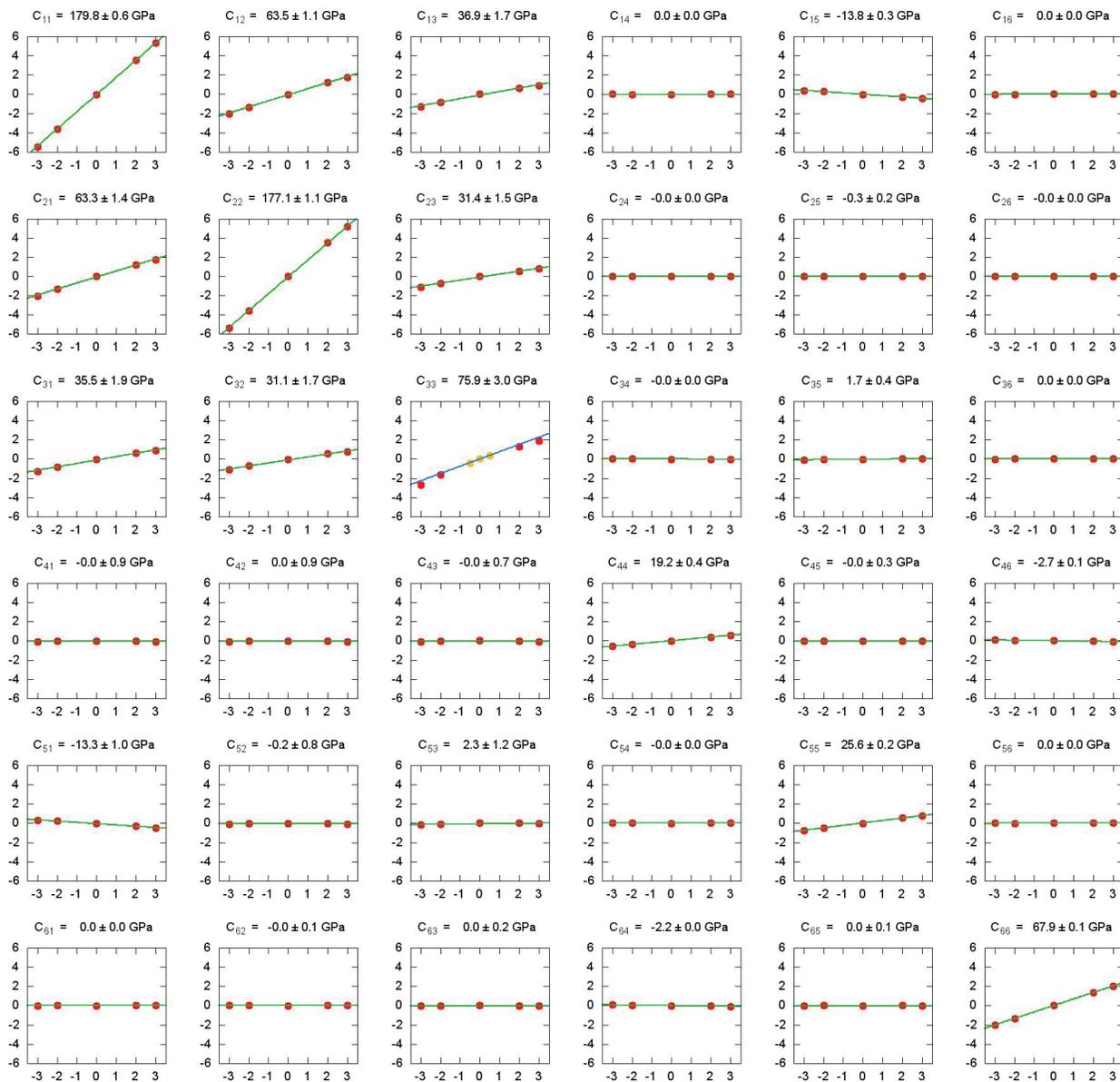
MUSCOVITE

X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = Slope



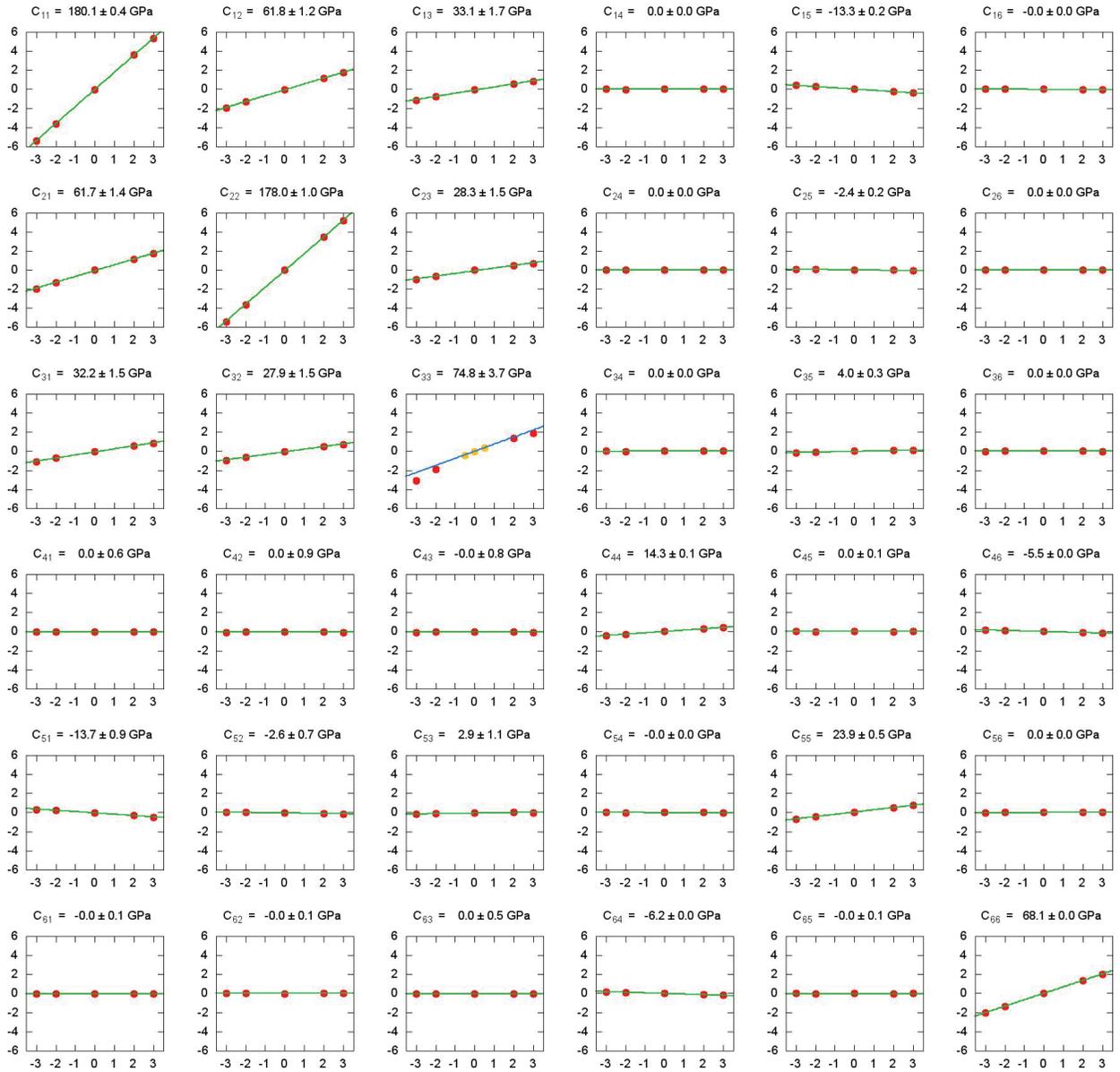
Stress-strain fitting of Muscovite

## X = 0.25 INTERMEDIATE

X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = SlopeStress-strain fitting of  $Na^*=0.25$  derivative of the Ms-Pg series

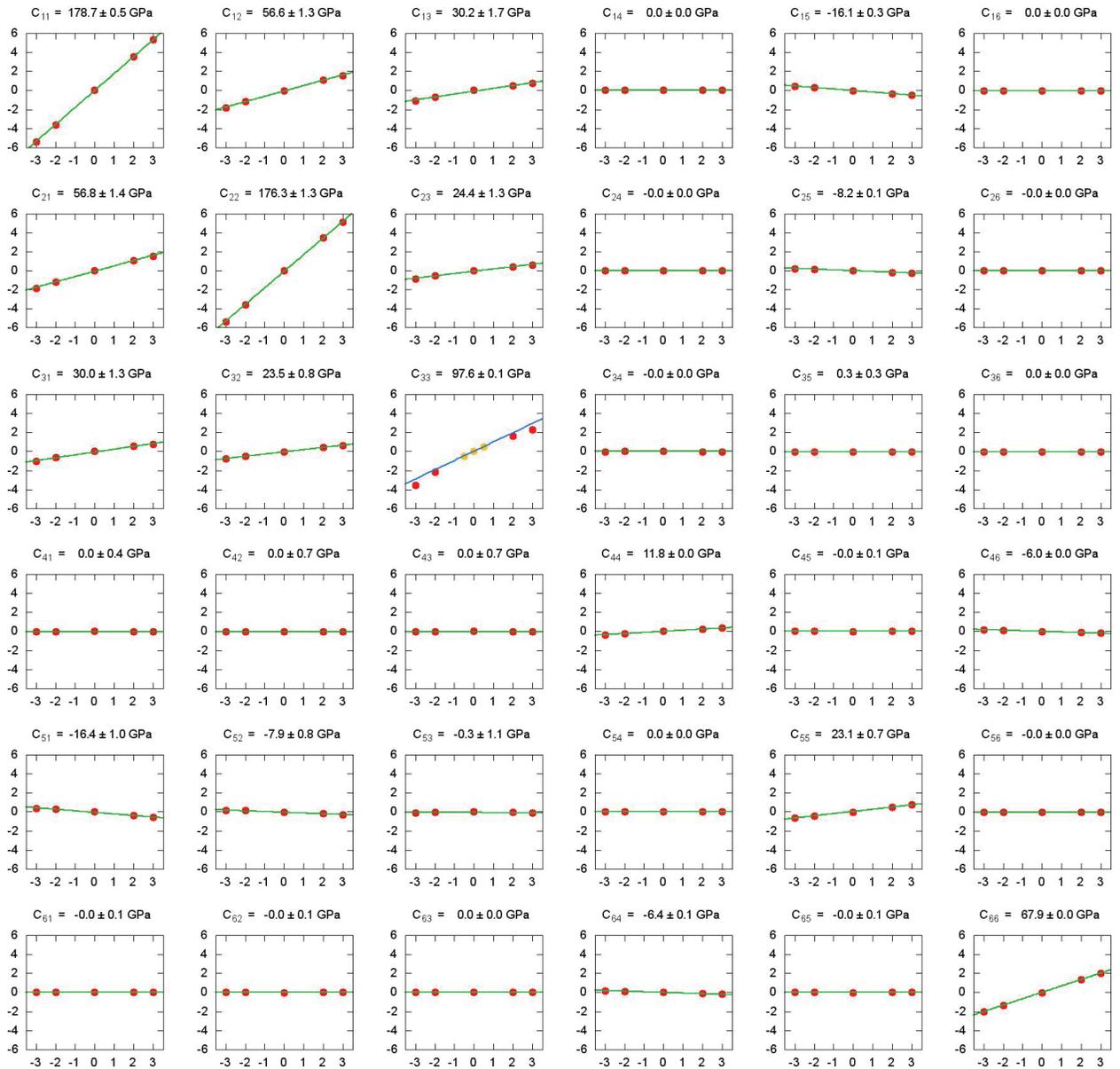
X = 0.50 INTERMEDIATE

X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = Slope



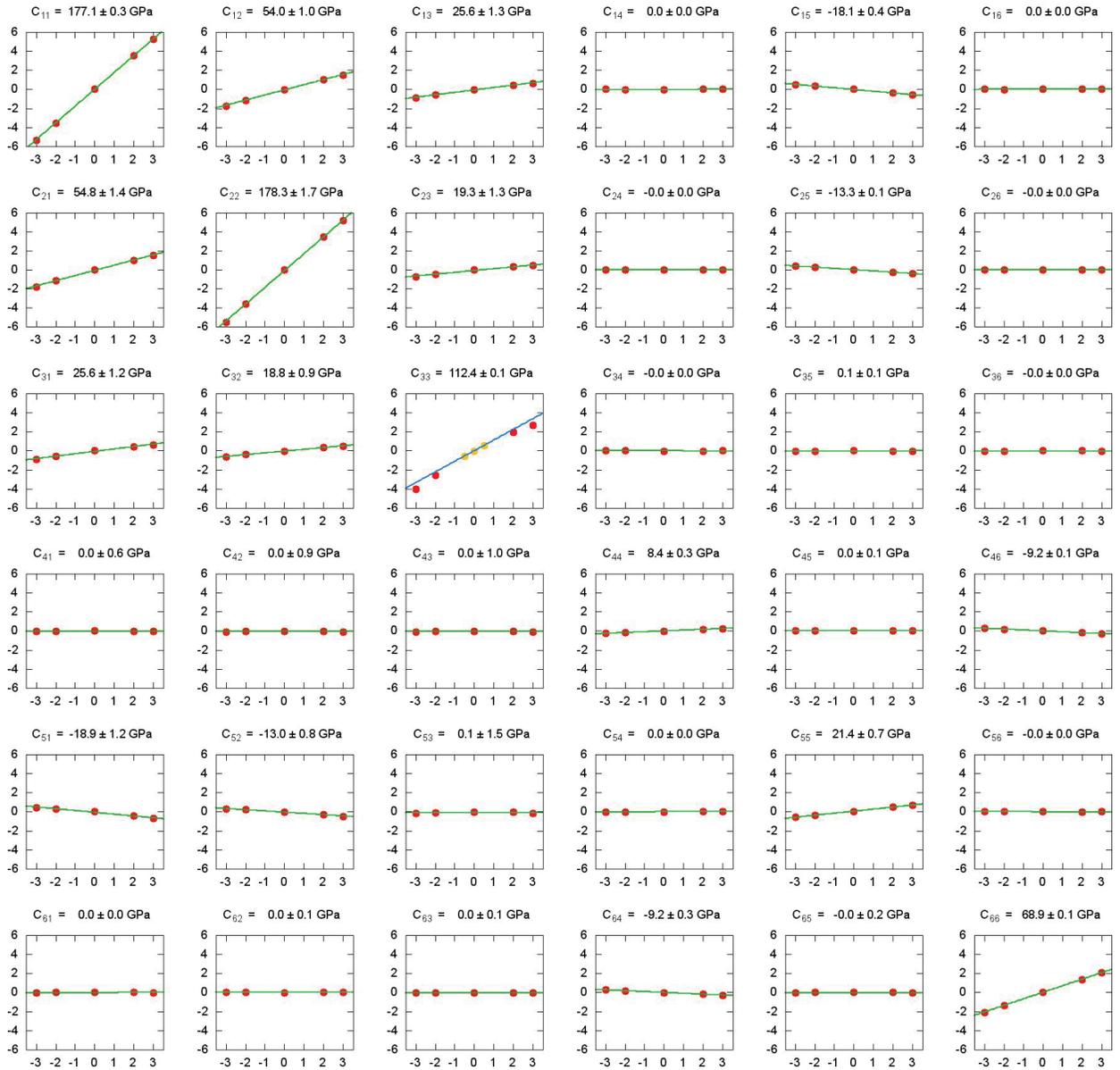
Stress-strain fitting of Na\*=0.50 derivative of the Ms-Pg series

## X = 0.75 INTERMEDIATE

X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = SlopeStress-strain fitting of  $Na^*=0.75$  derivative of the Ms-Pg series

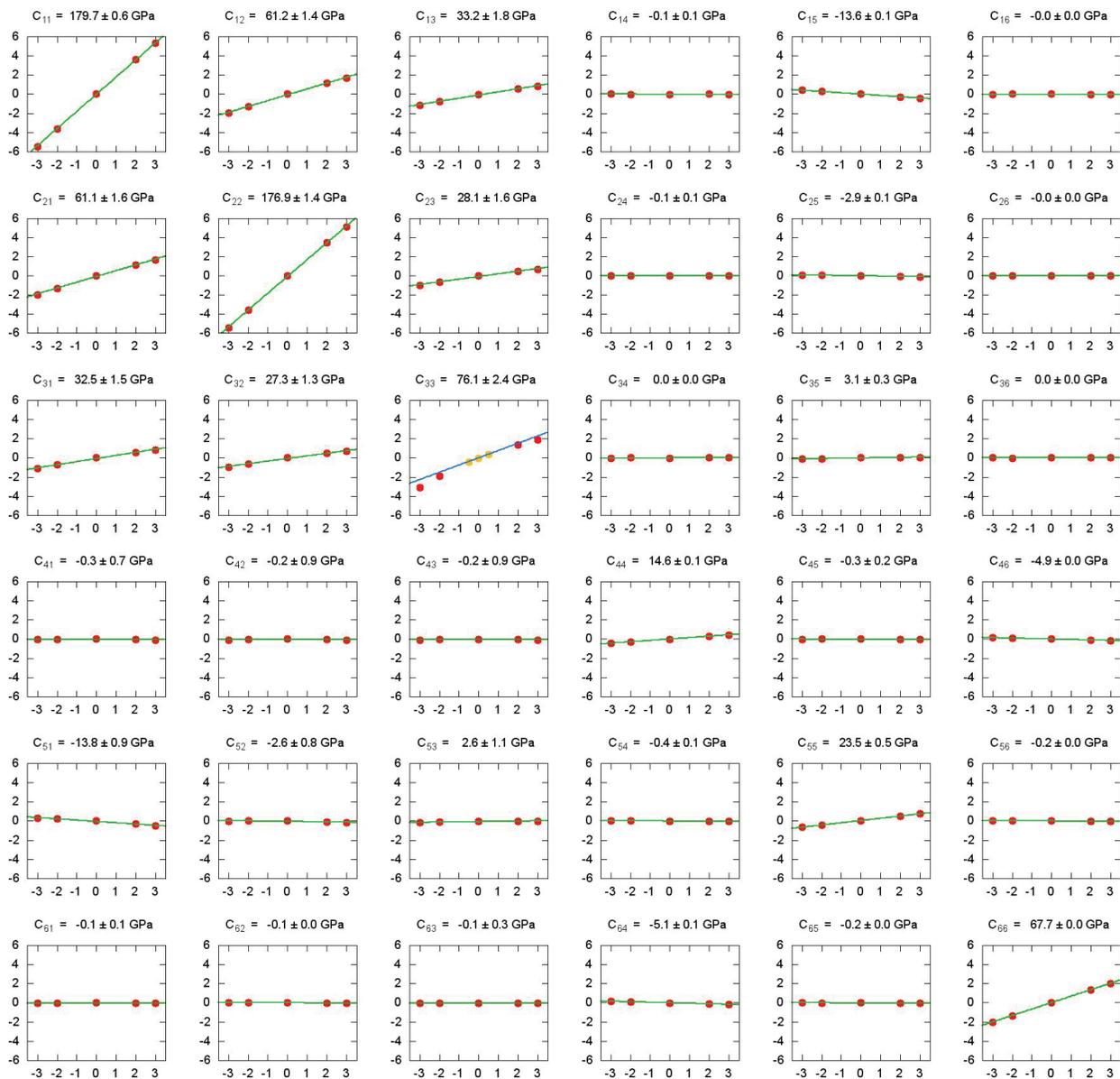
PARAGONITE

X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = Slope

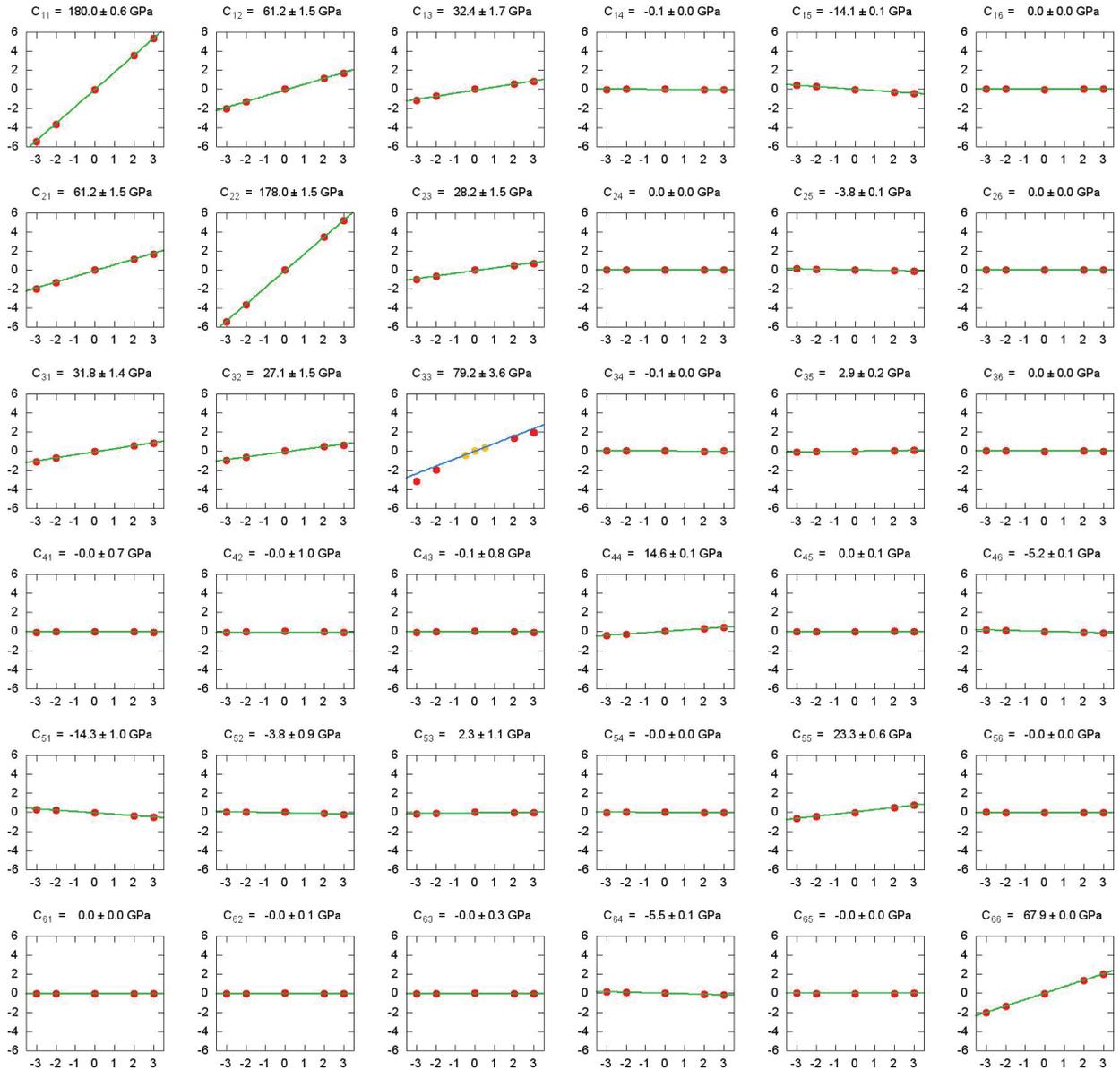


Stress-strain fitting of Paragonite

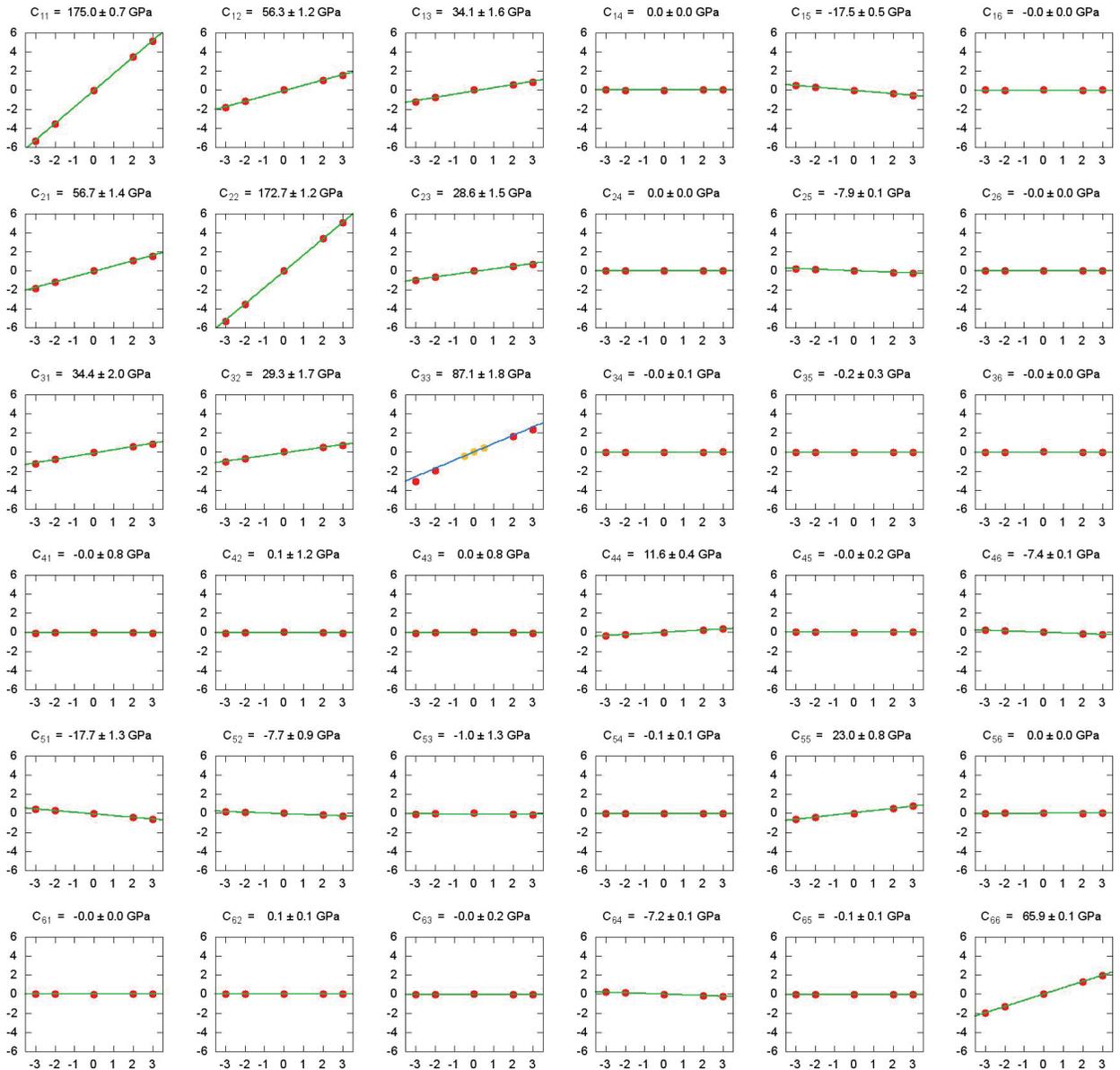
## 2ac1 CONFIGURATION

X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = SlopeStress-strain fitting of the 2ac1 interlayer cation configuration of  $\text{Na}^*=0.50$  derivative of the Ms-Pg series

## 2bc1 CONFIGURATION

X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = SlopeStress-strain fitting of the 2bc1 interlayer cation configuration of  $\text{Na}^*=0.50$  derivative of the Ms-Pg series

## INTERSTRATIFIED CONFIGURATION

X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = SlopeStress-strain fitting of the the interstratified configuration of  $\text{Na}^*=0.50$  derivative of the Ms-Pg series