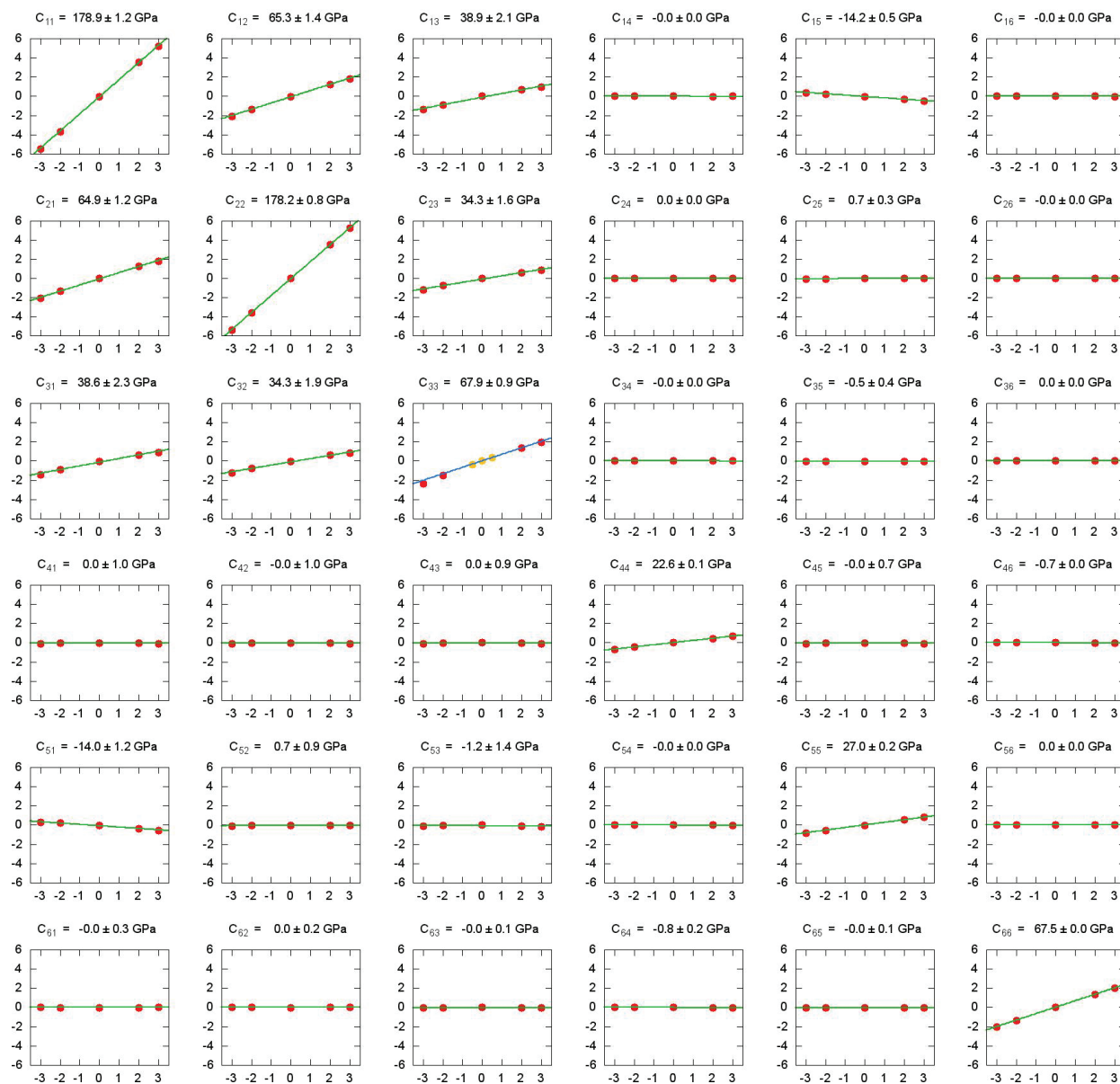
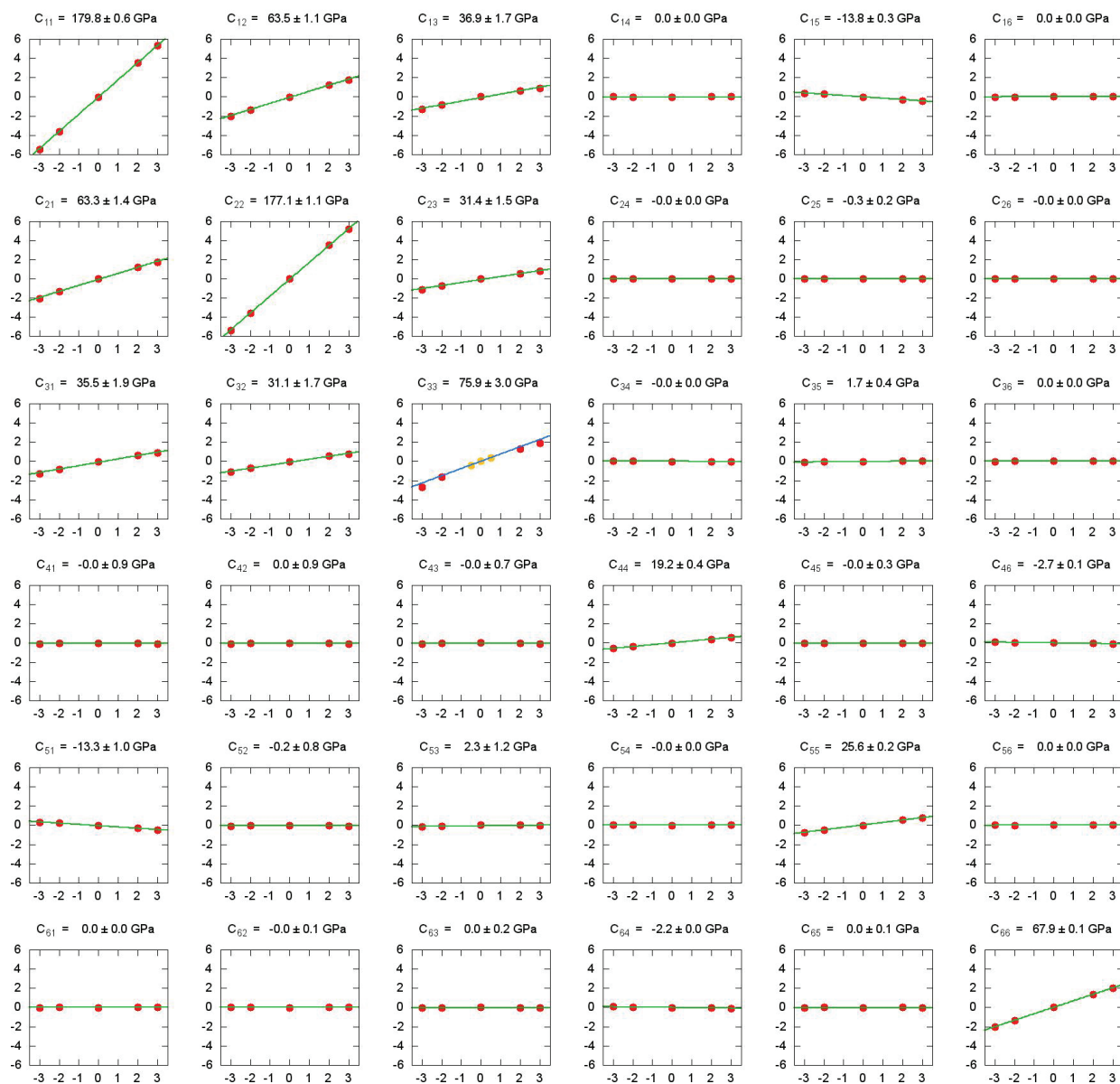


## MUSCOVITE

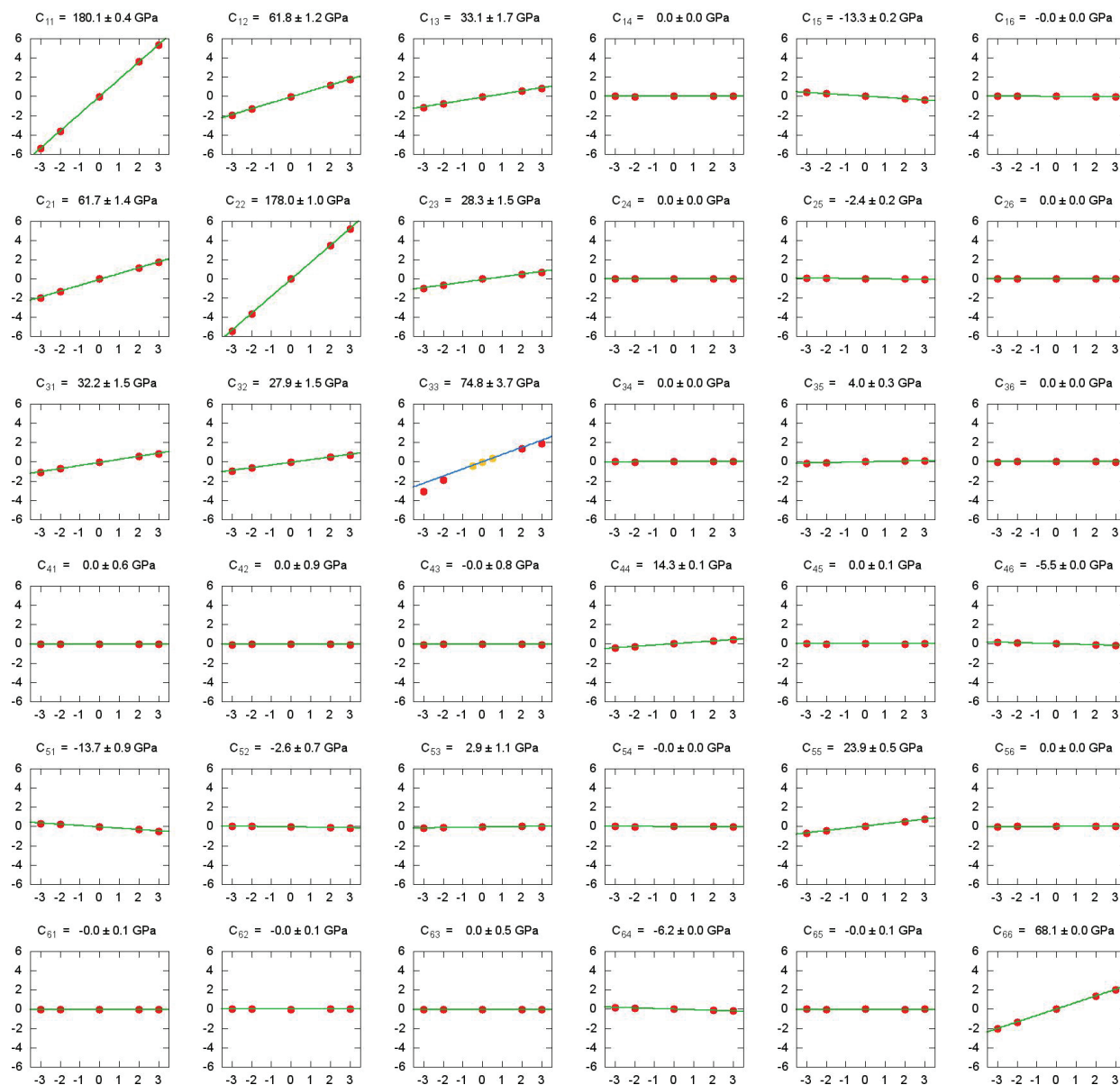
X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = Slope

## X = 0.25 INTERMEDIATE

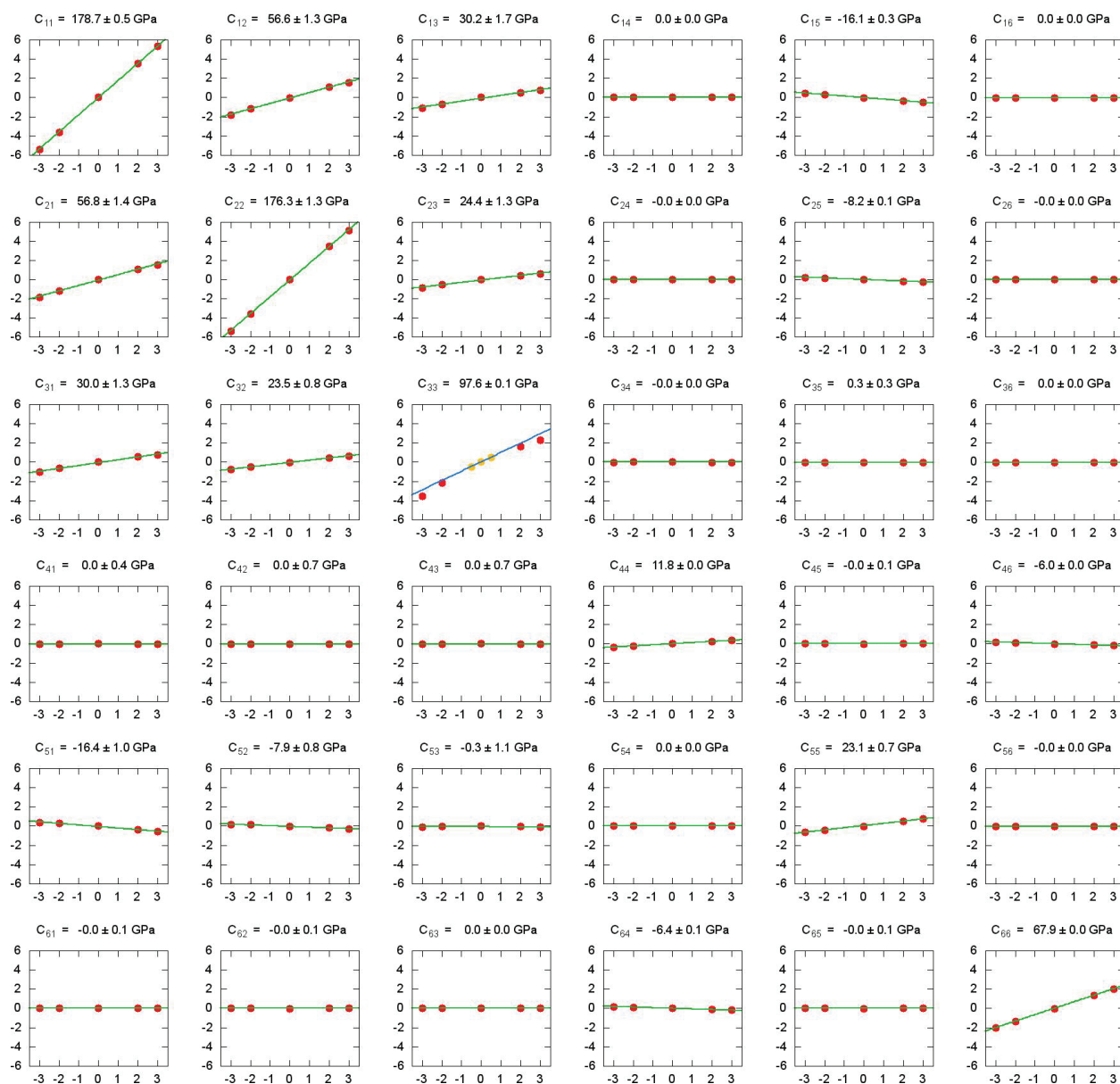
X axis : Strain (%) ; Y axis : Stress (GPa) ;  $C_{ij}$  = Slope

Stress-strain fitting of Na\*=0.25 derivative of the Ms-Pg series

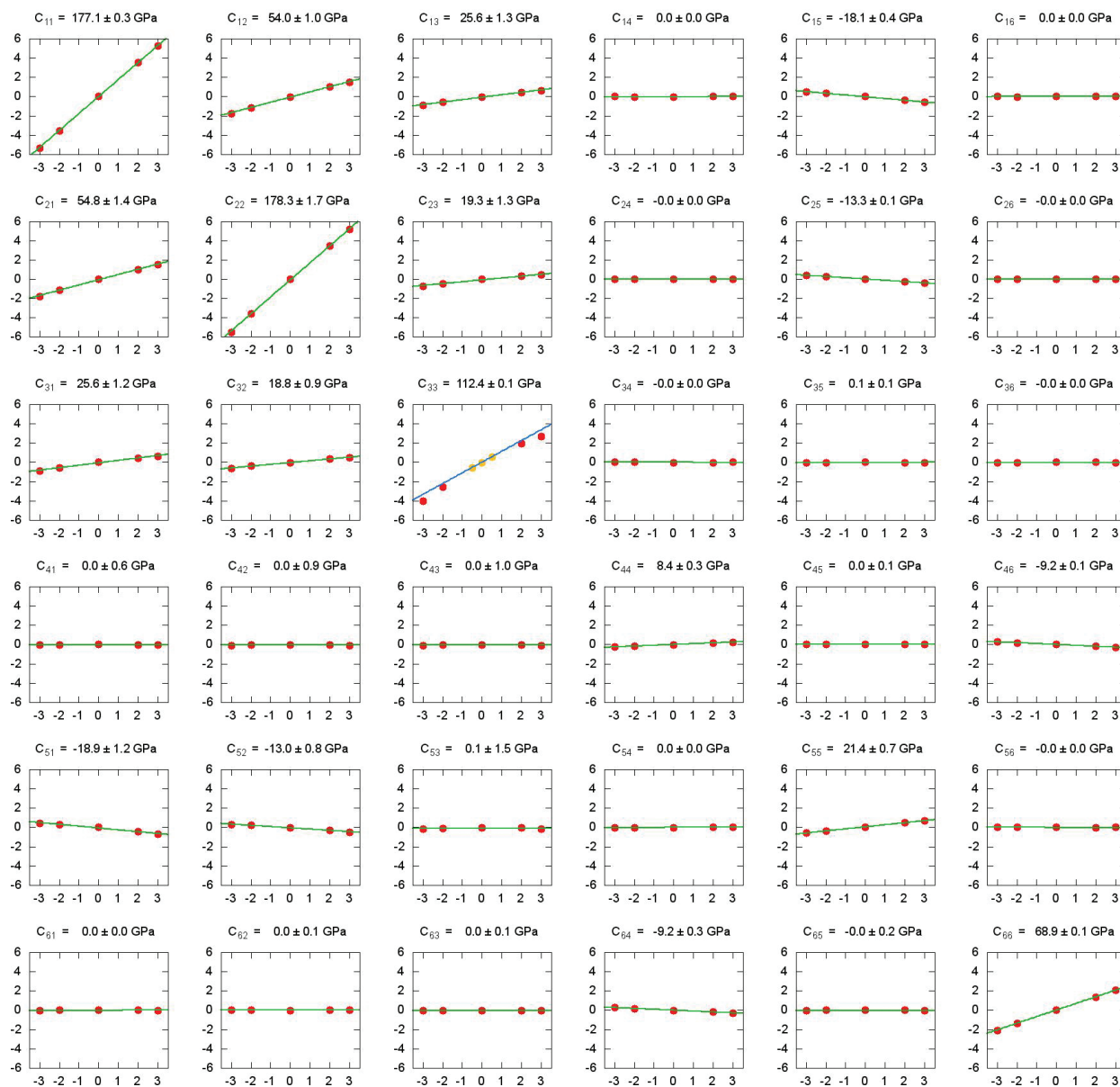
## X = 0.50 INTERMEDIATE

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

## X = 0.75 INTERMEDIATE

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

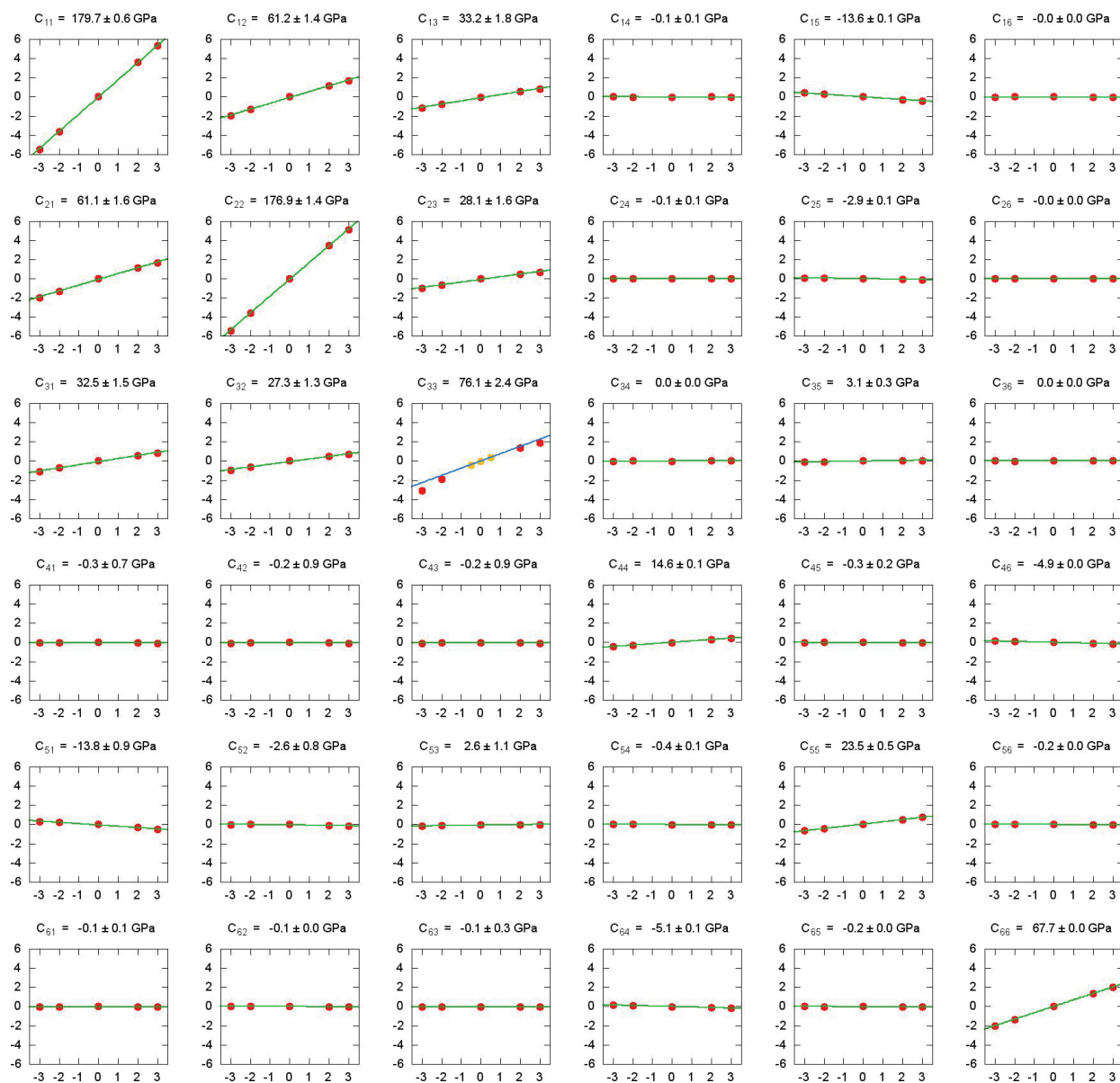
## PARAGONITE

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

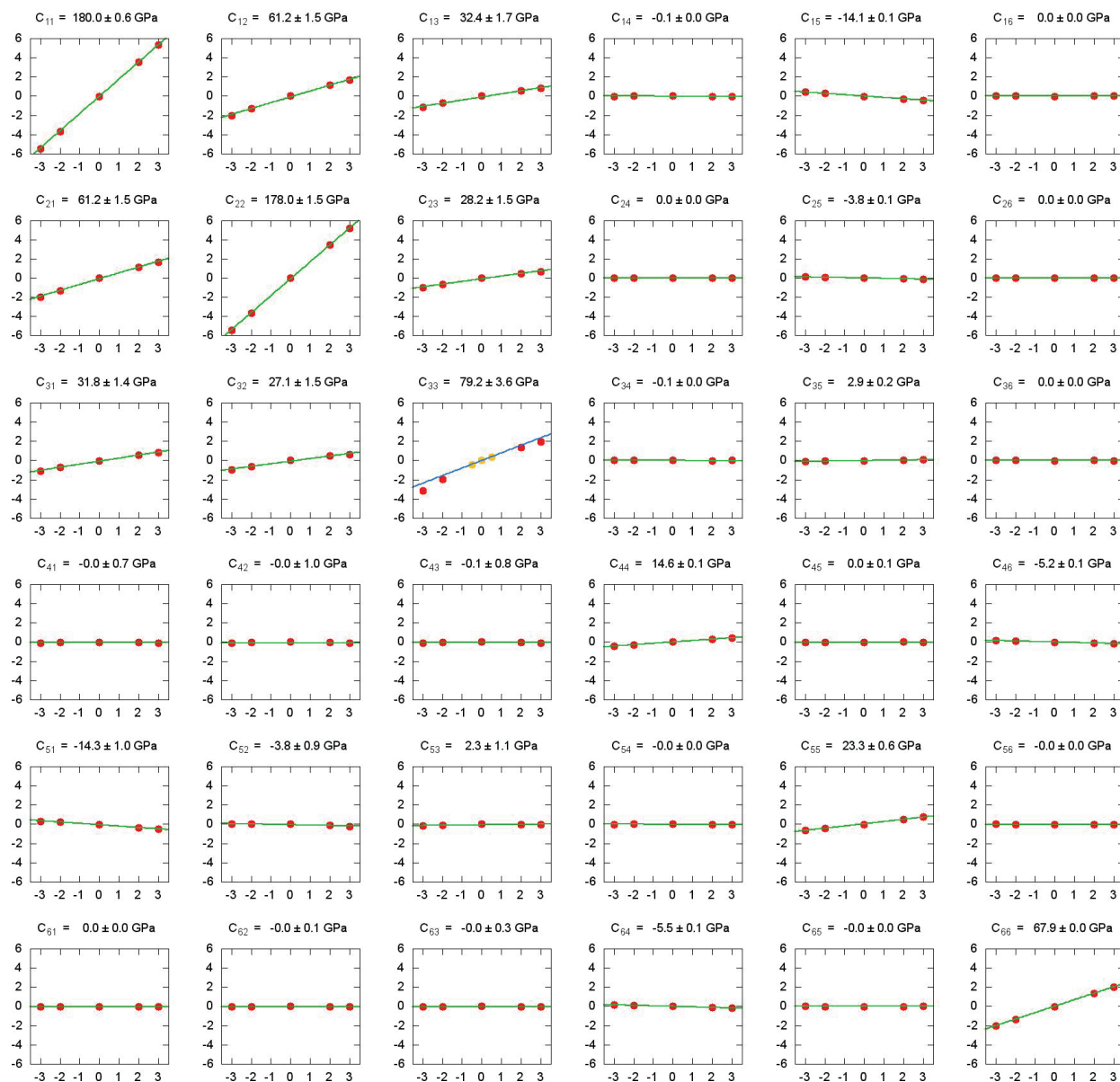
Stress-strain fitting of Paragonite



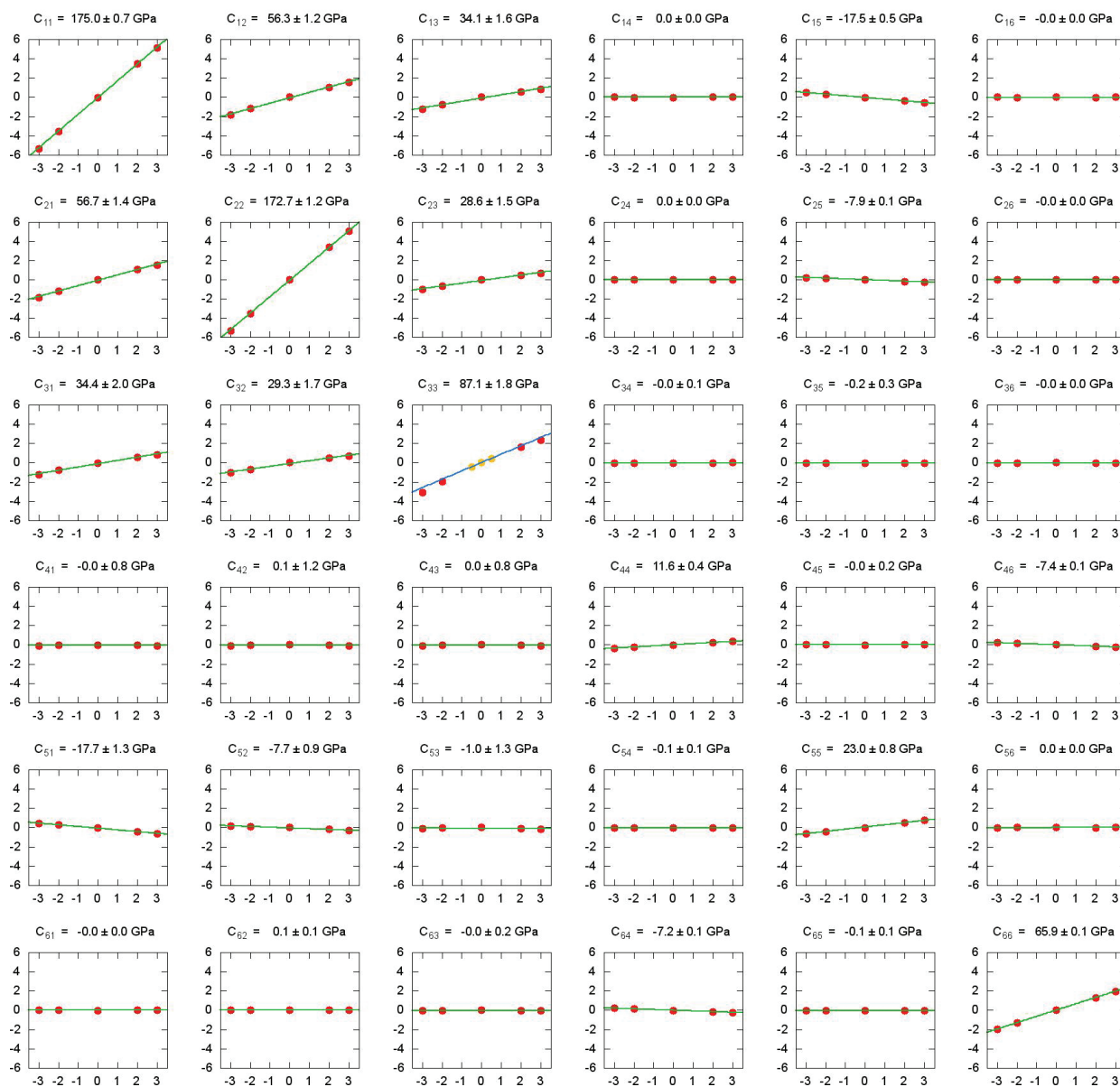
## 2ac1 CONFIGURATION

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