

$G_{\text{Voigt Reuss Hill}}(\text{GPa})$

1000

800

600

400

200

0

200

400

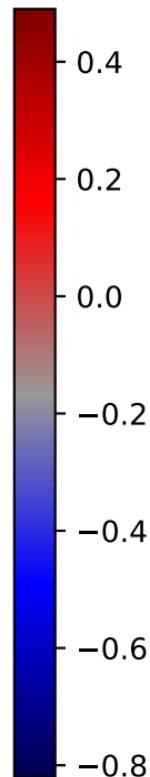
600

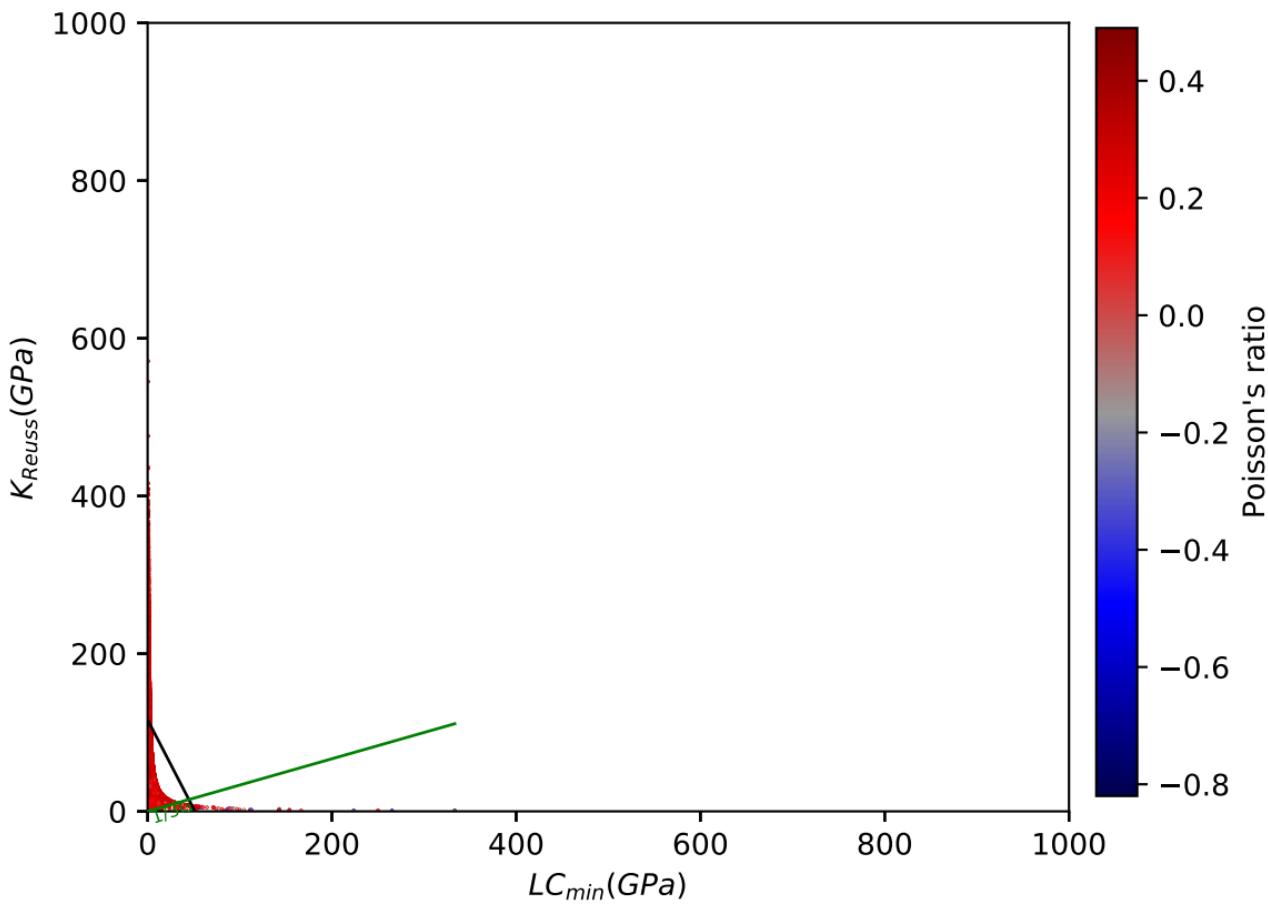
800

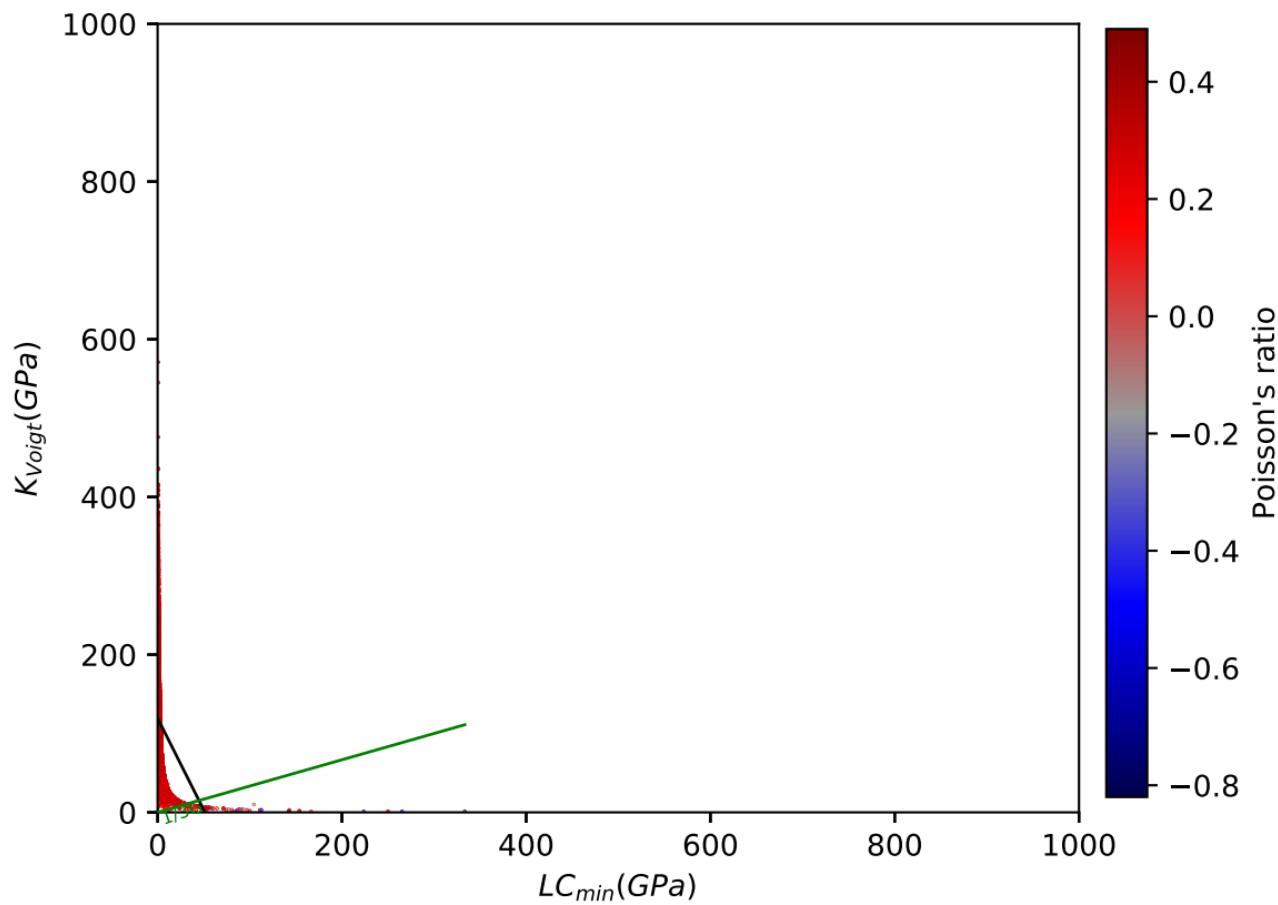
1000

$LC_{\min}(\text{GPa})$

Poisson's ratio







$K_{V\!oigt\;R\!euss\;H\!ill}(GPa)$

1000

800

600

400

200

0

200

400

600

800

1000

$LC_{min}(GPa)$

Poisson's ratio

0.4

0.2

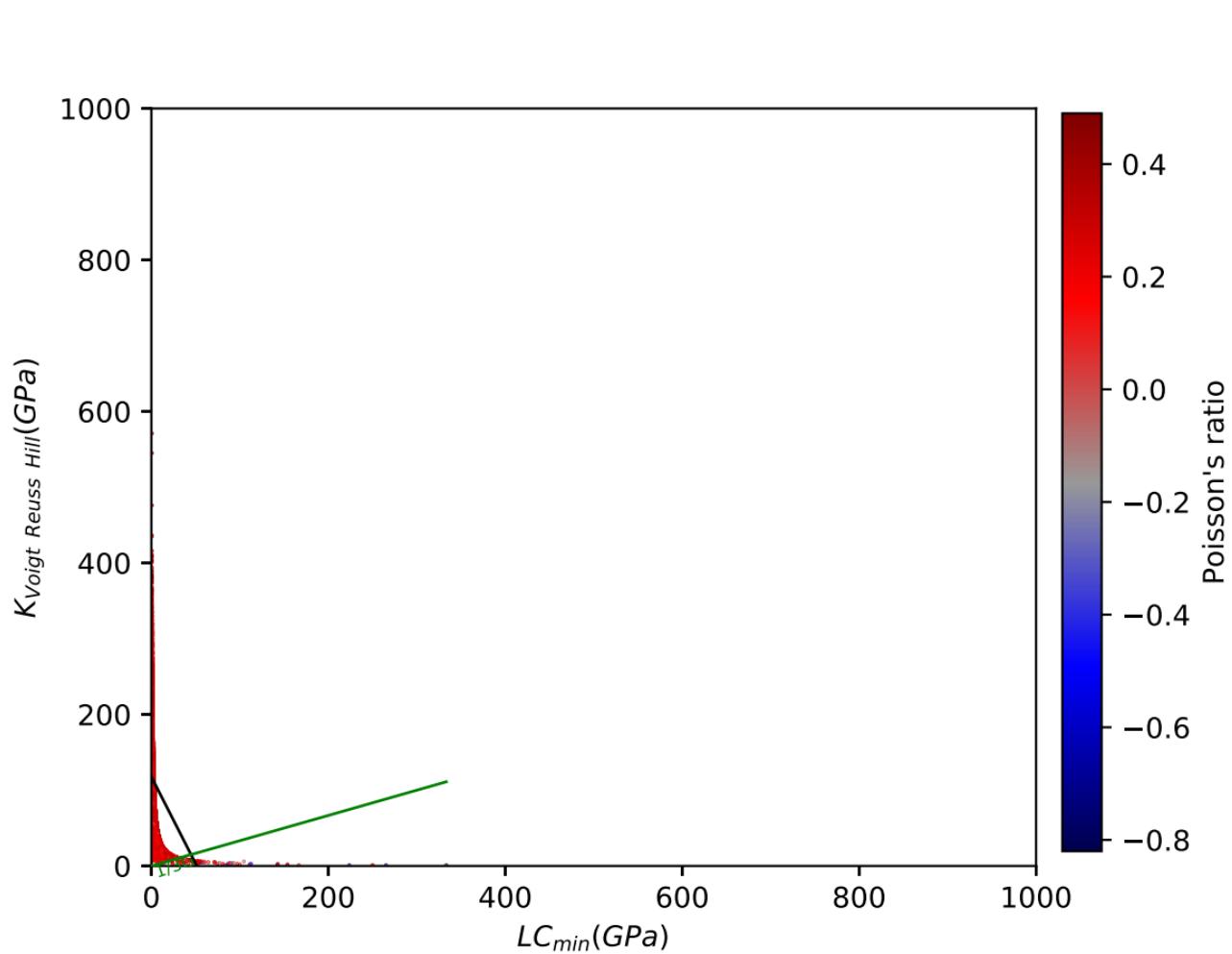
0.0

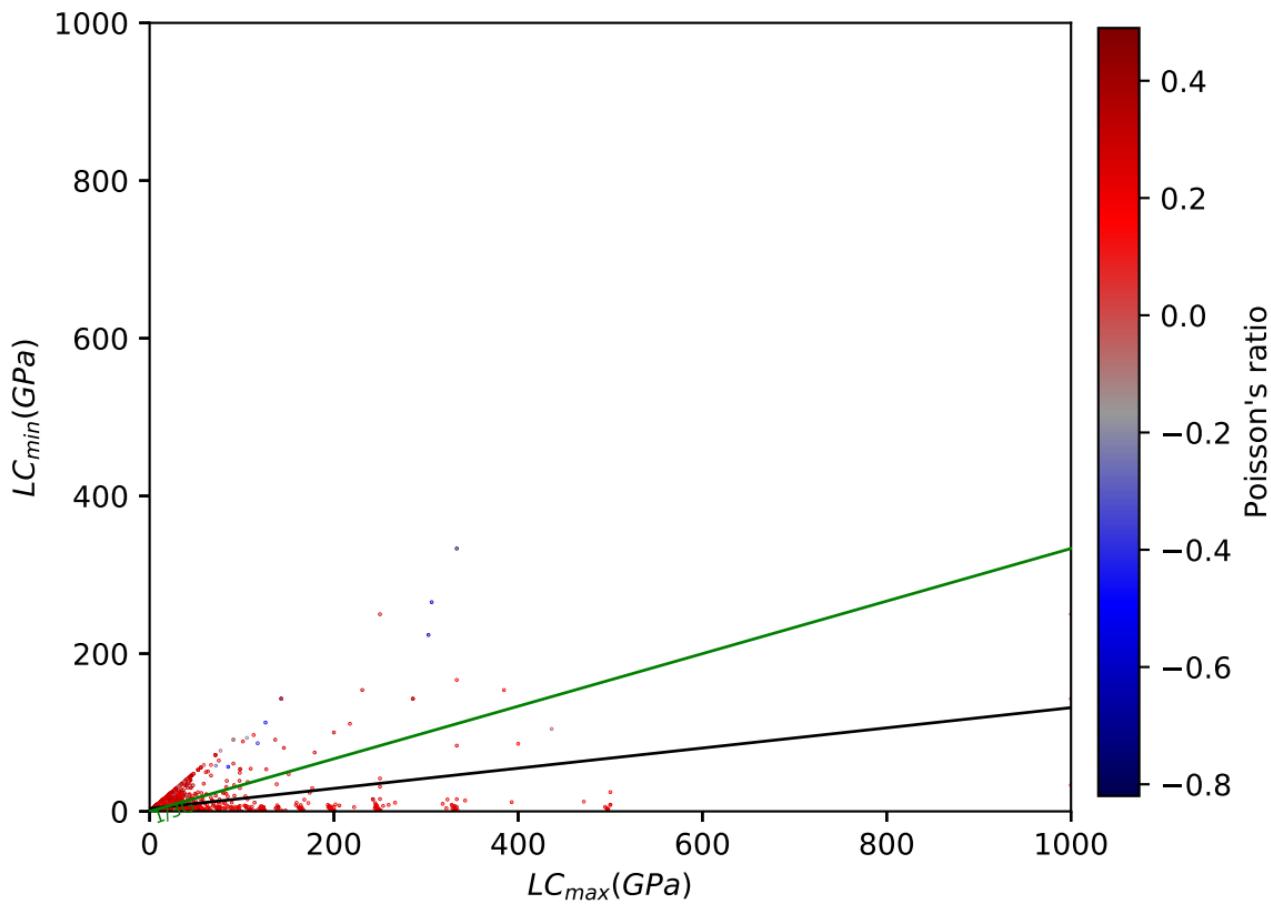
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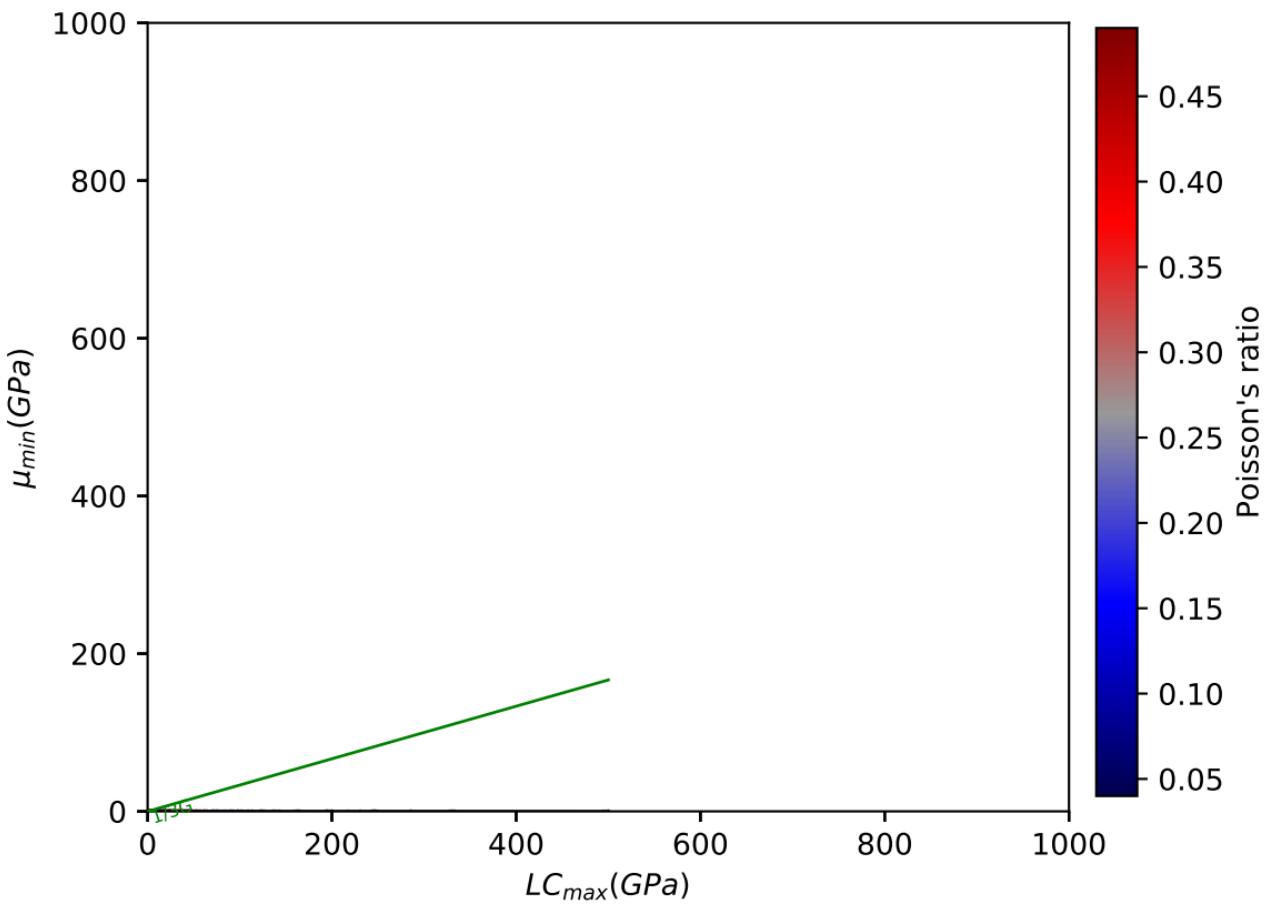
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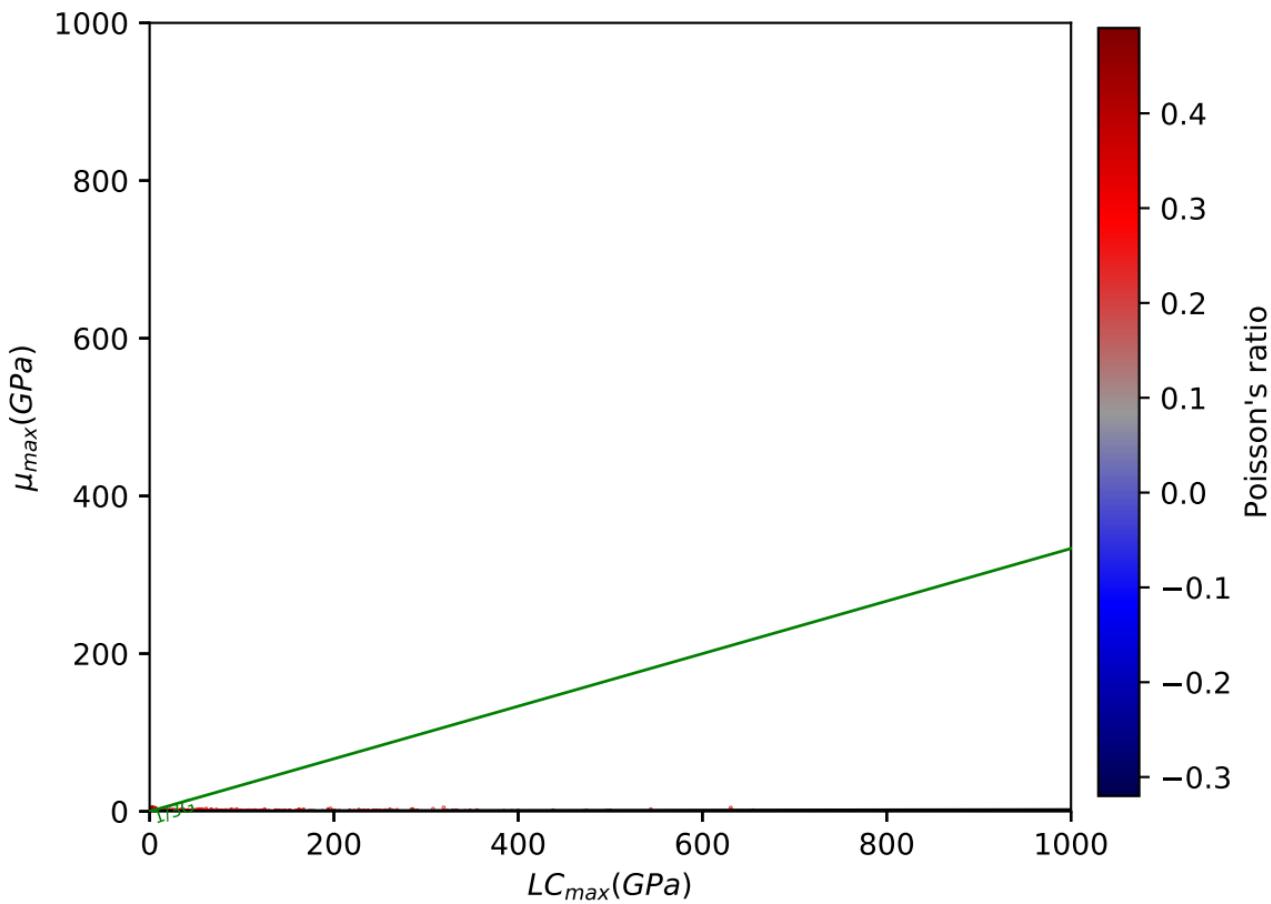
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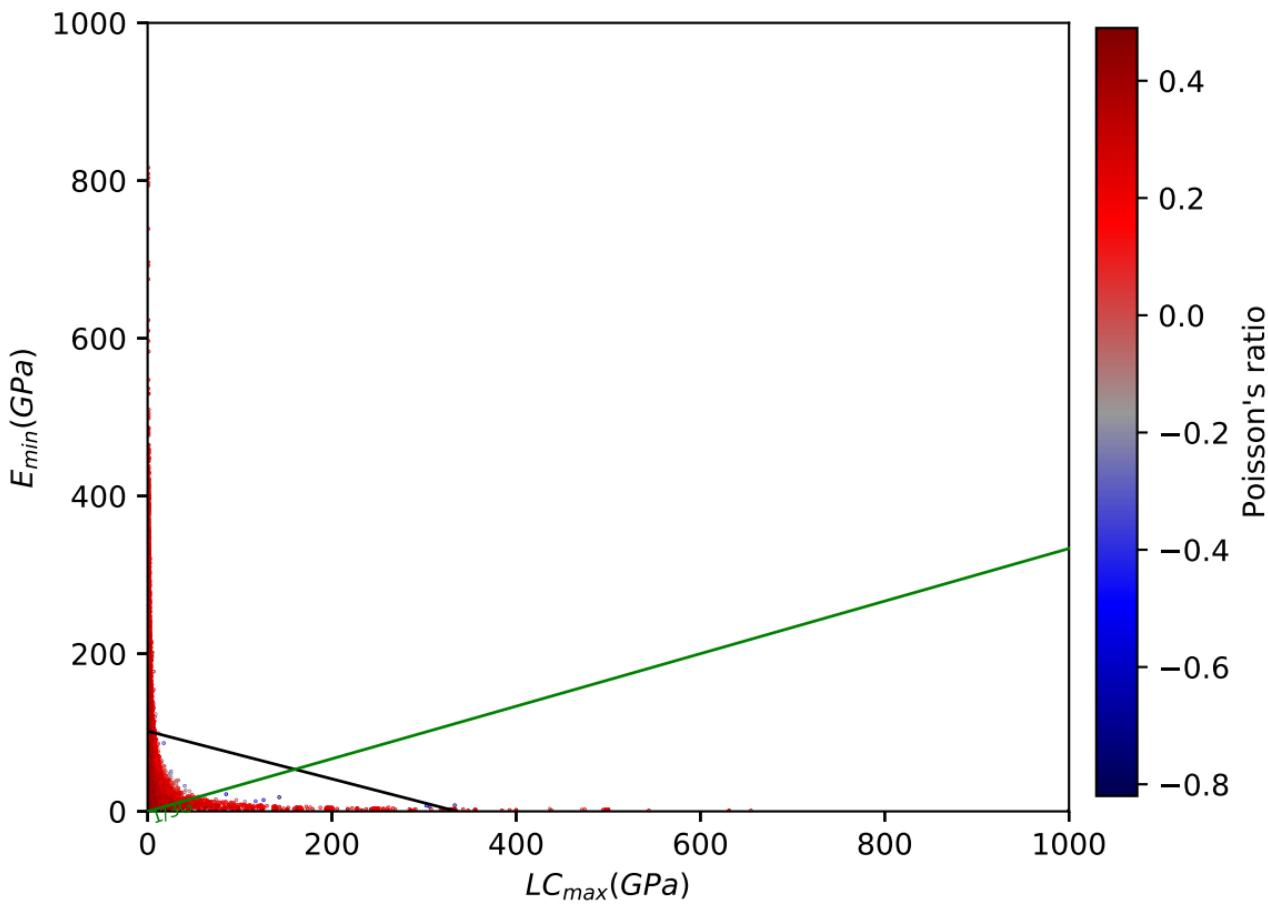
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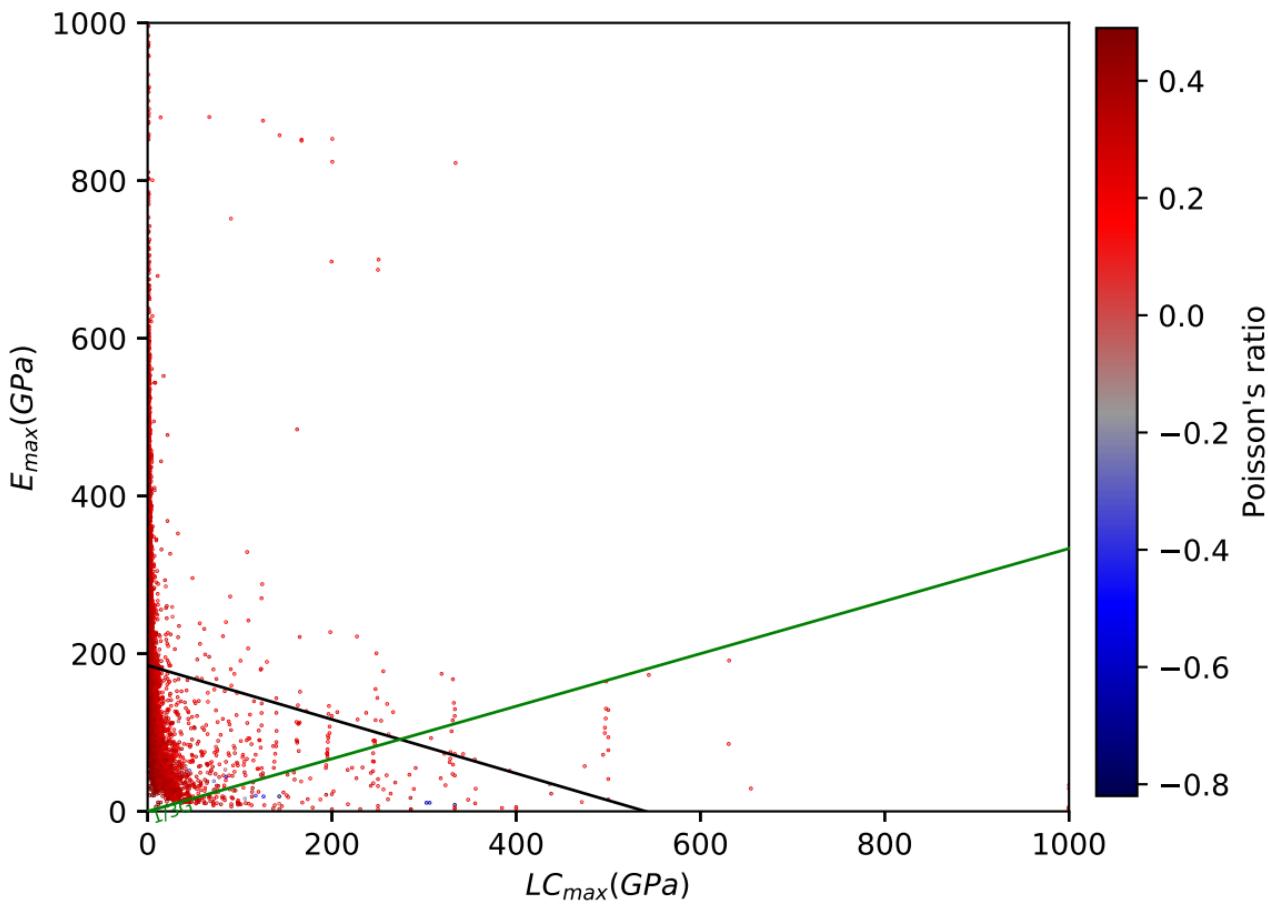


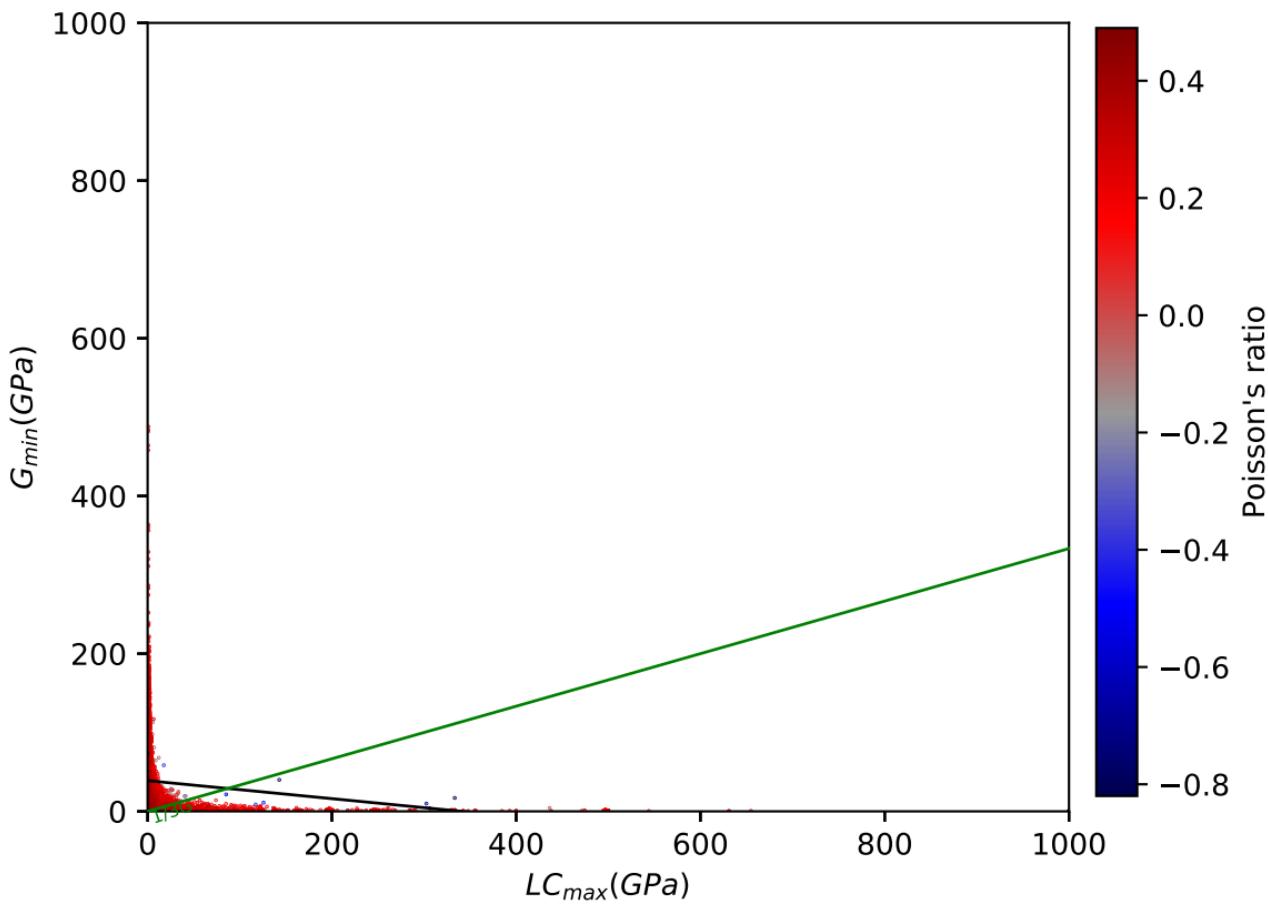


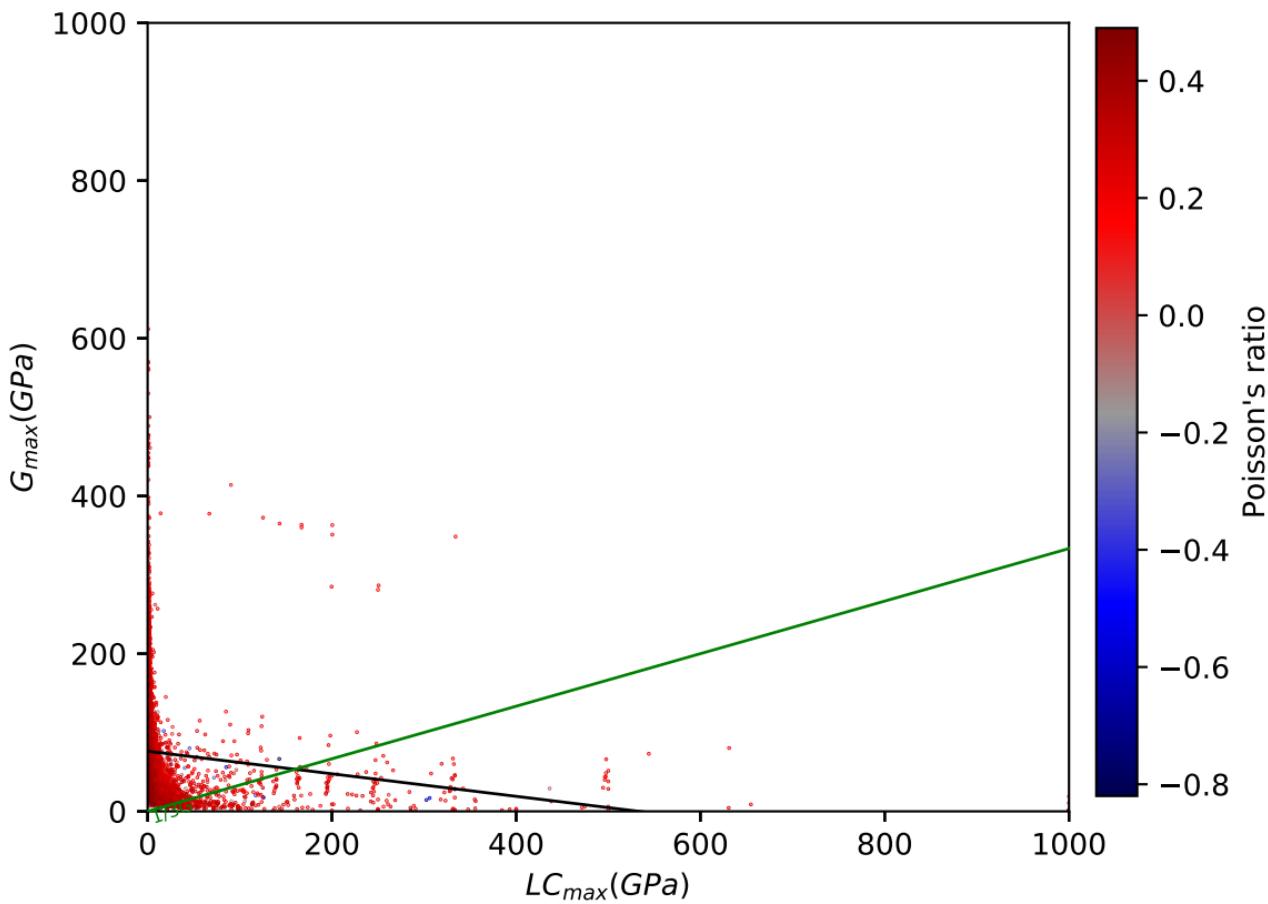


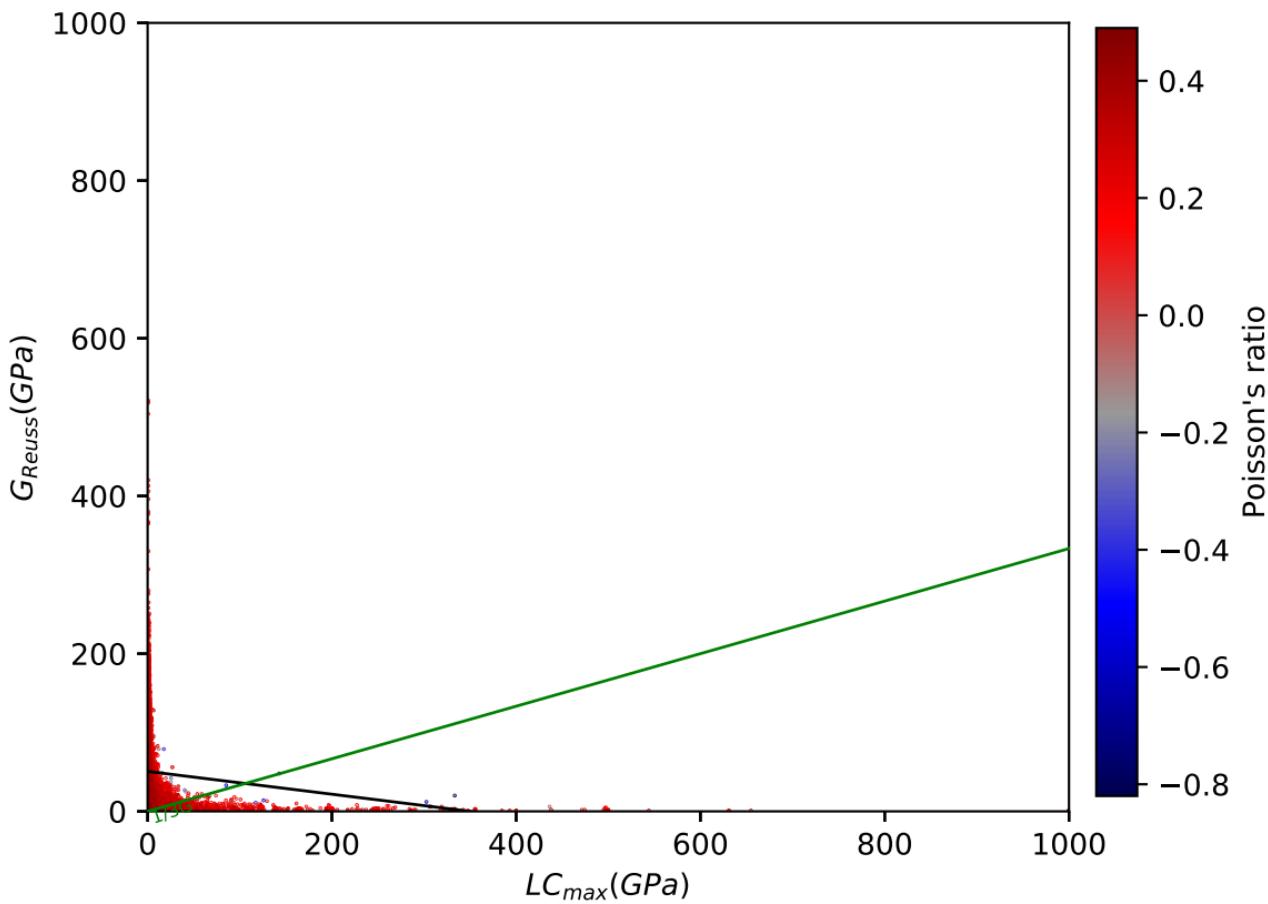


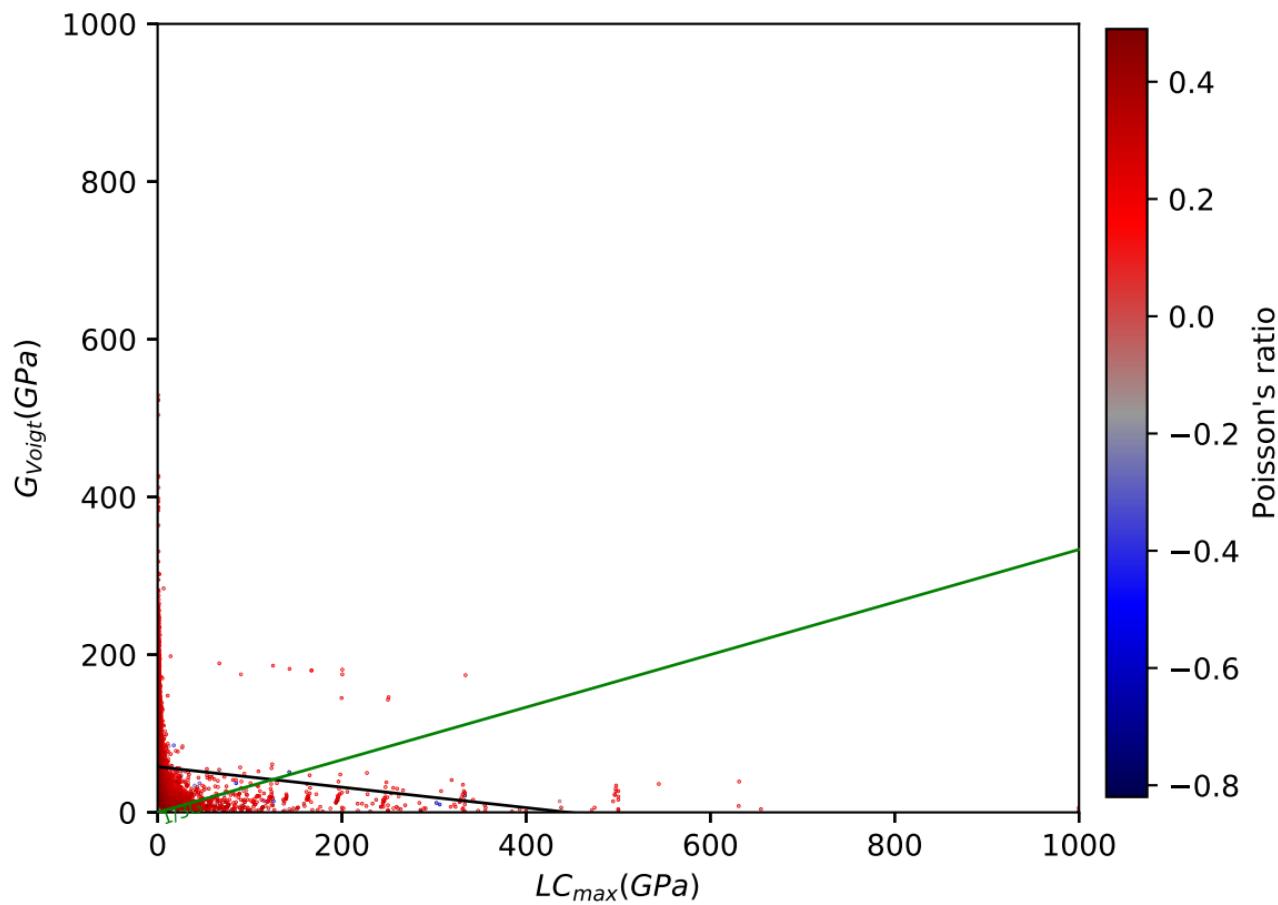




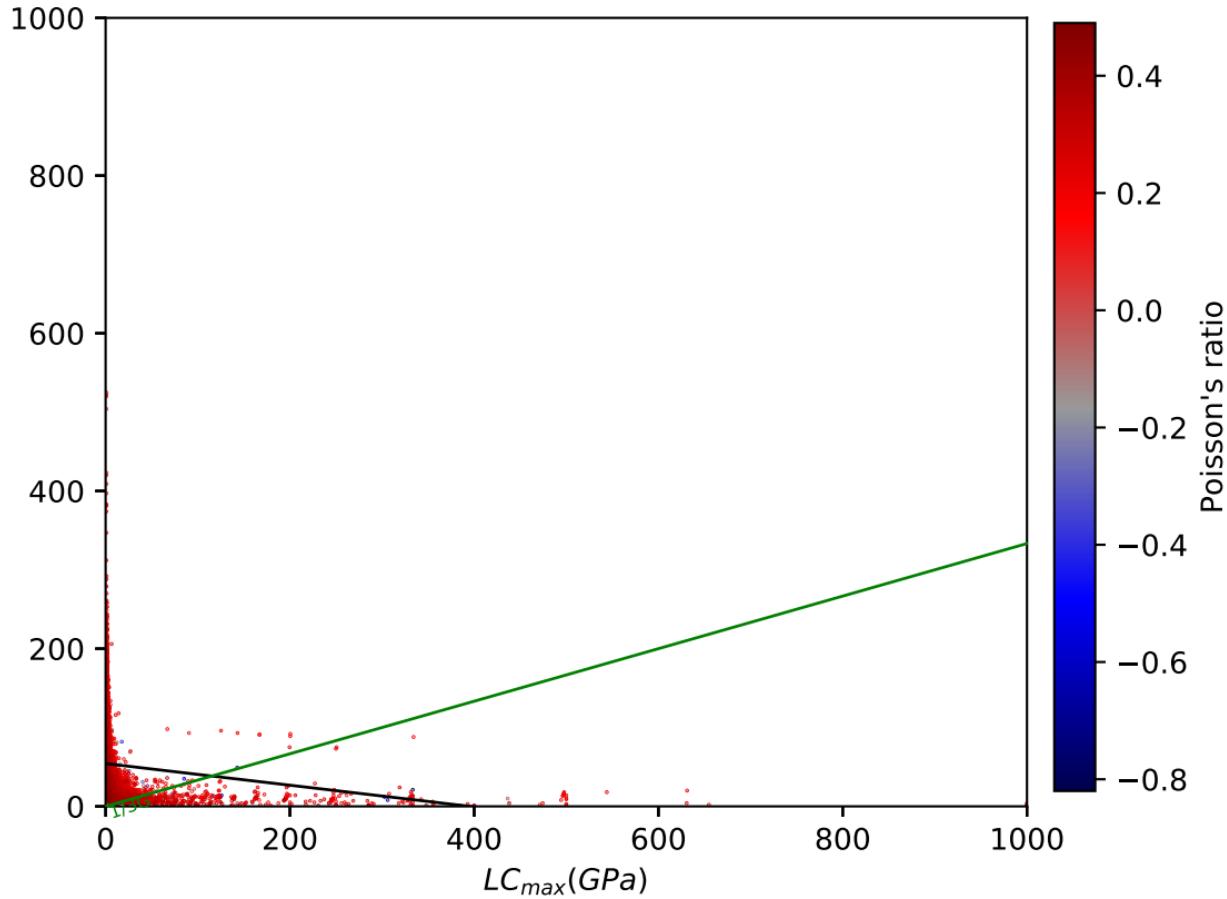


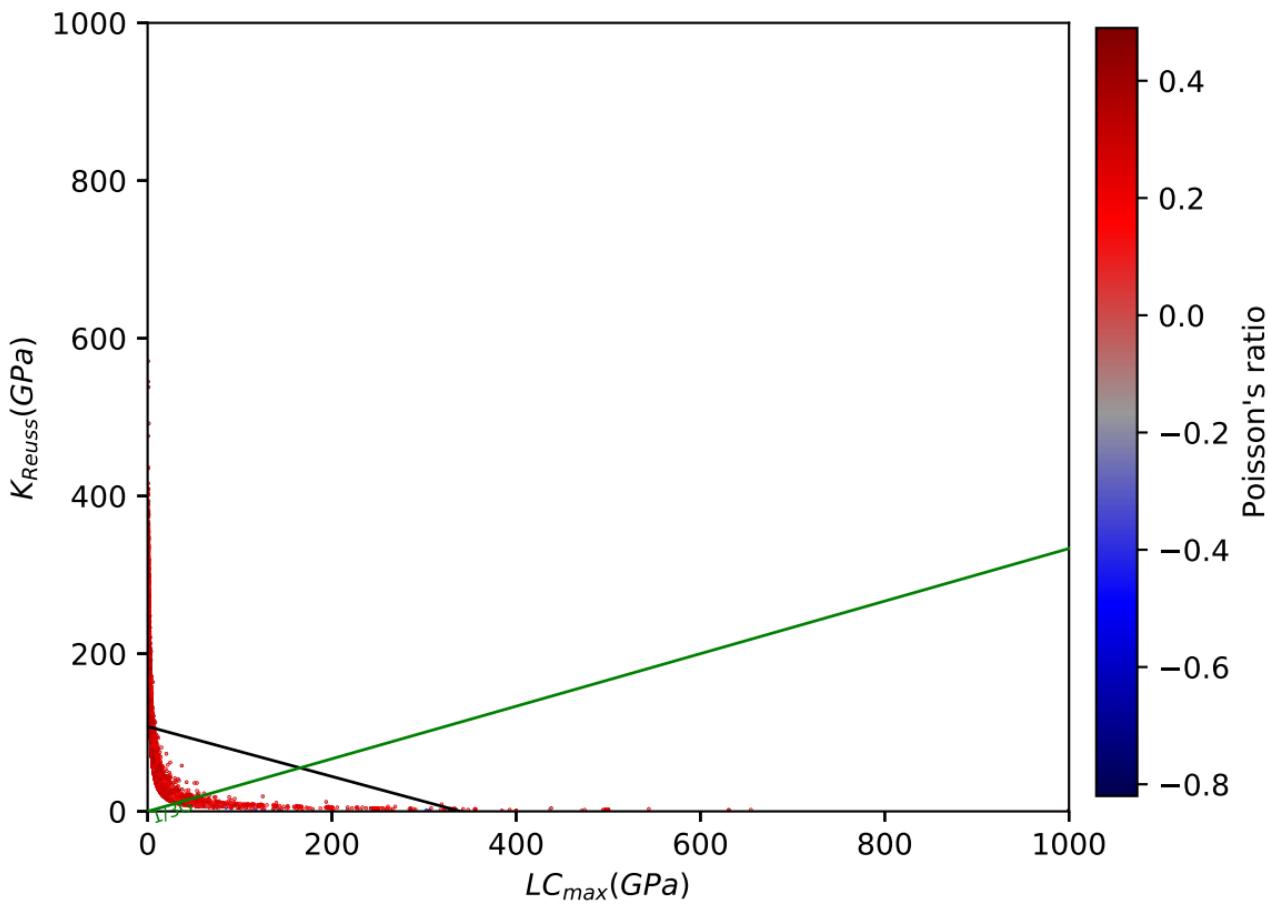


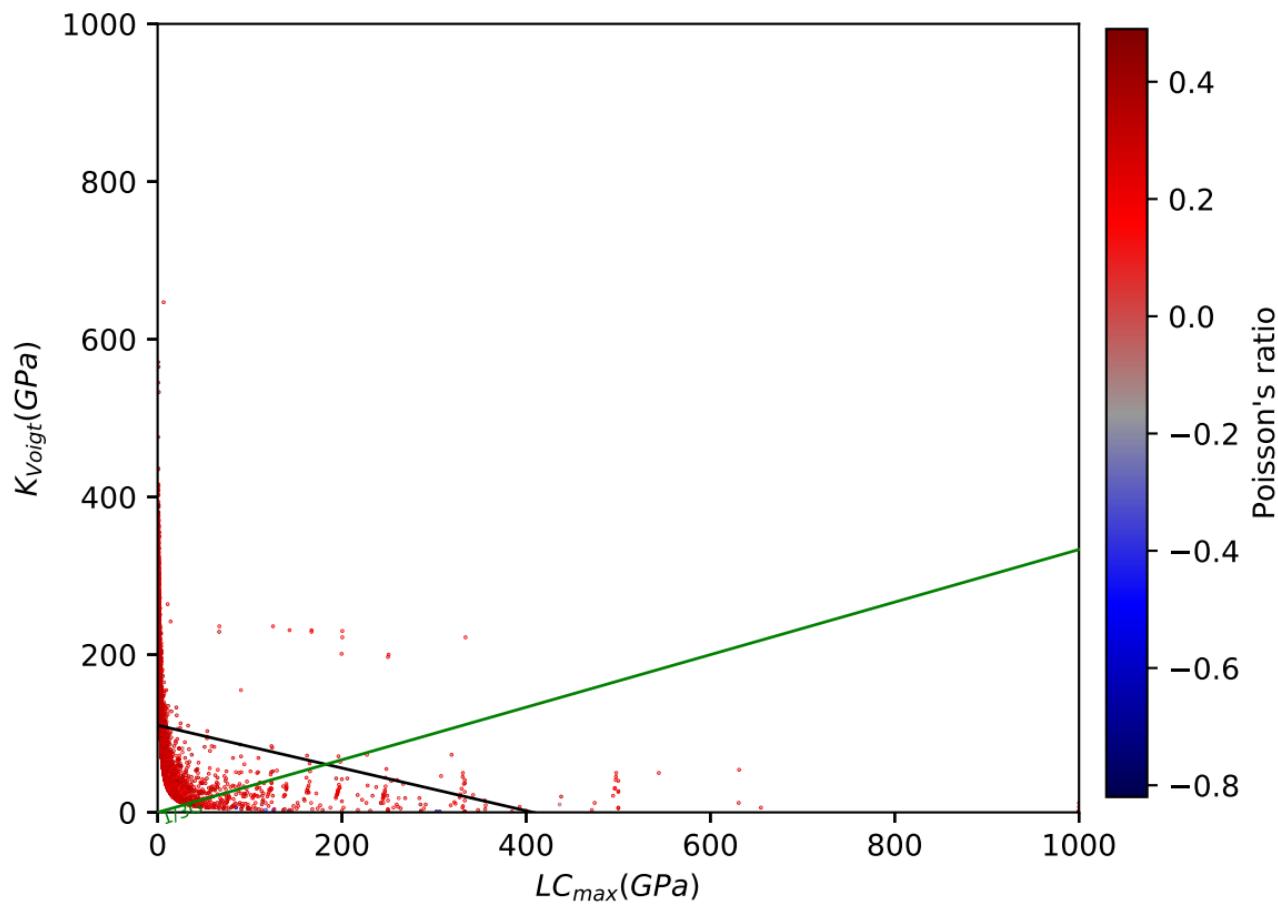




$G_{Voigt\ Reuss\ Hill}(GPa)$







$K_{\text{voigt Reuss Hill}}(\text{GPa})$

1000

800

600

400

200

0

200

400

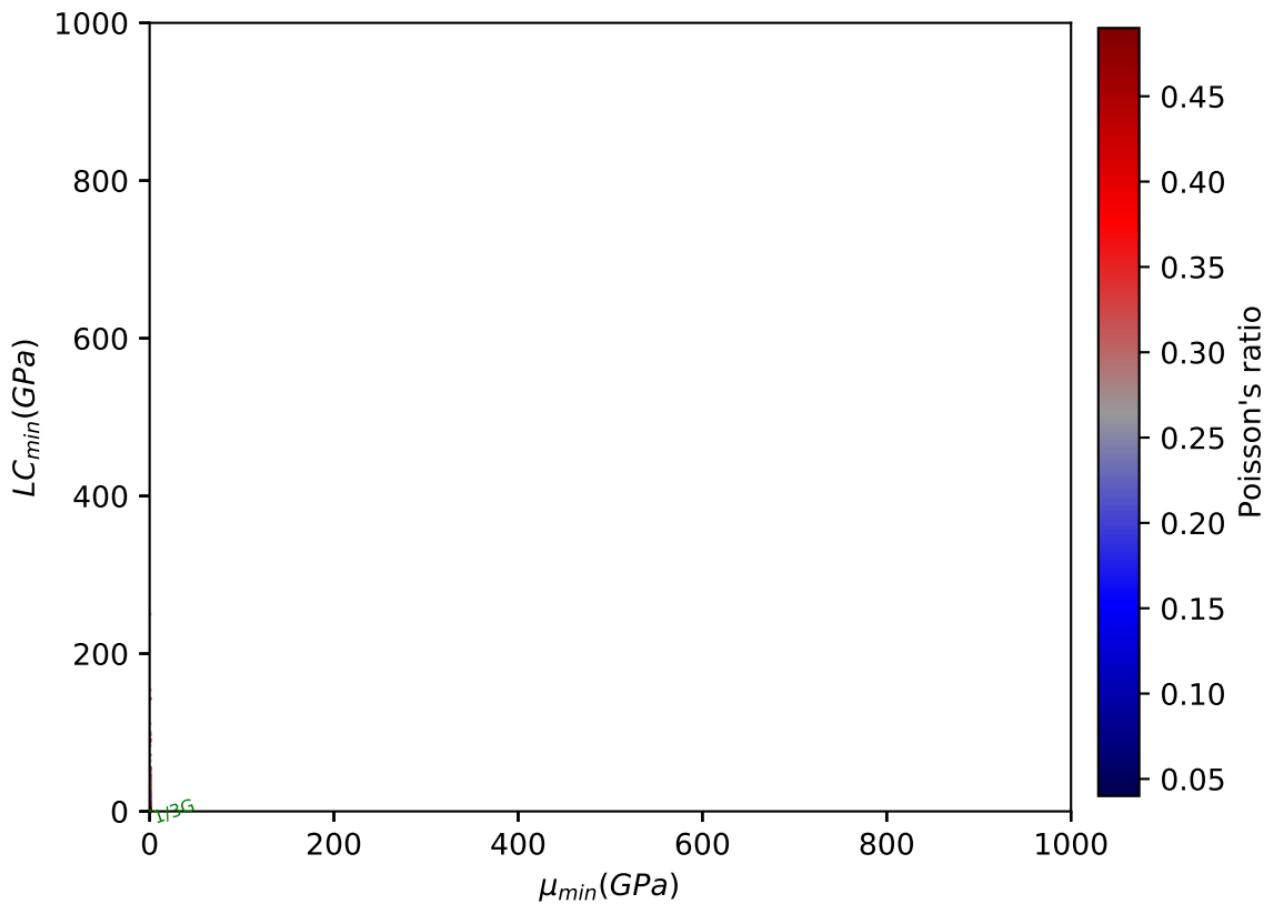
600

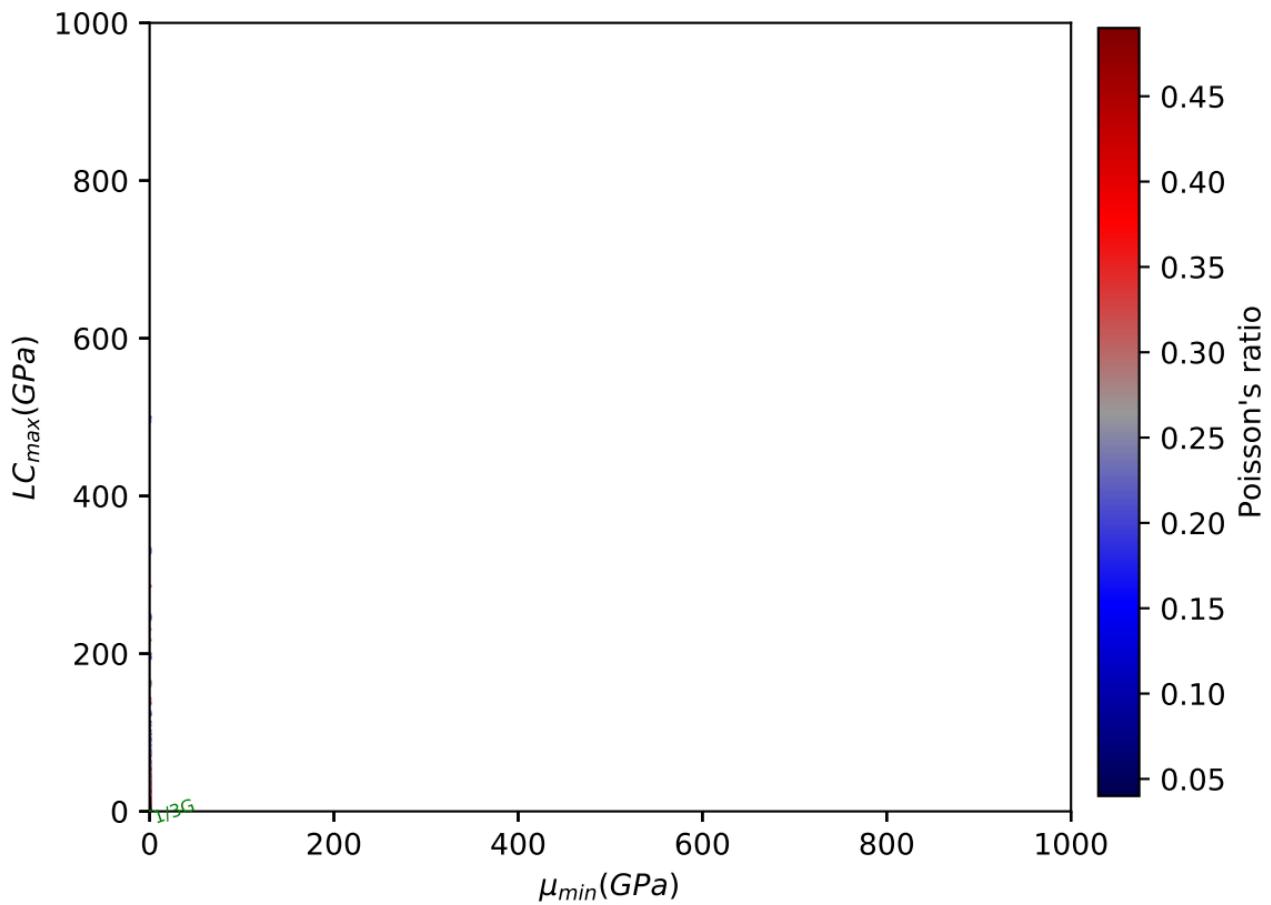
800

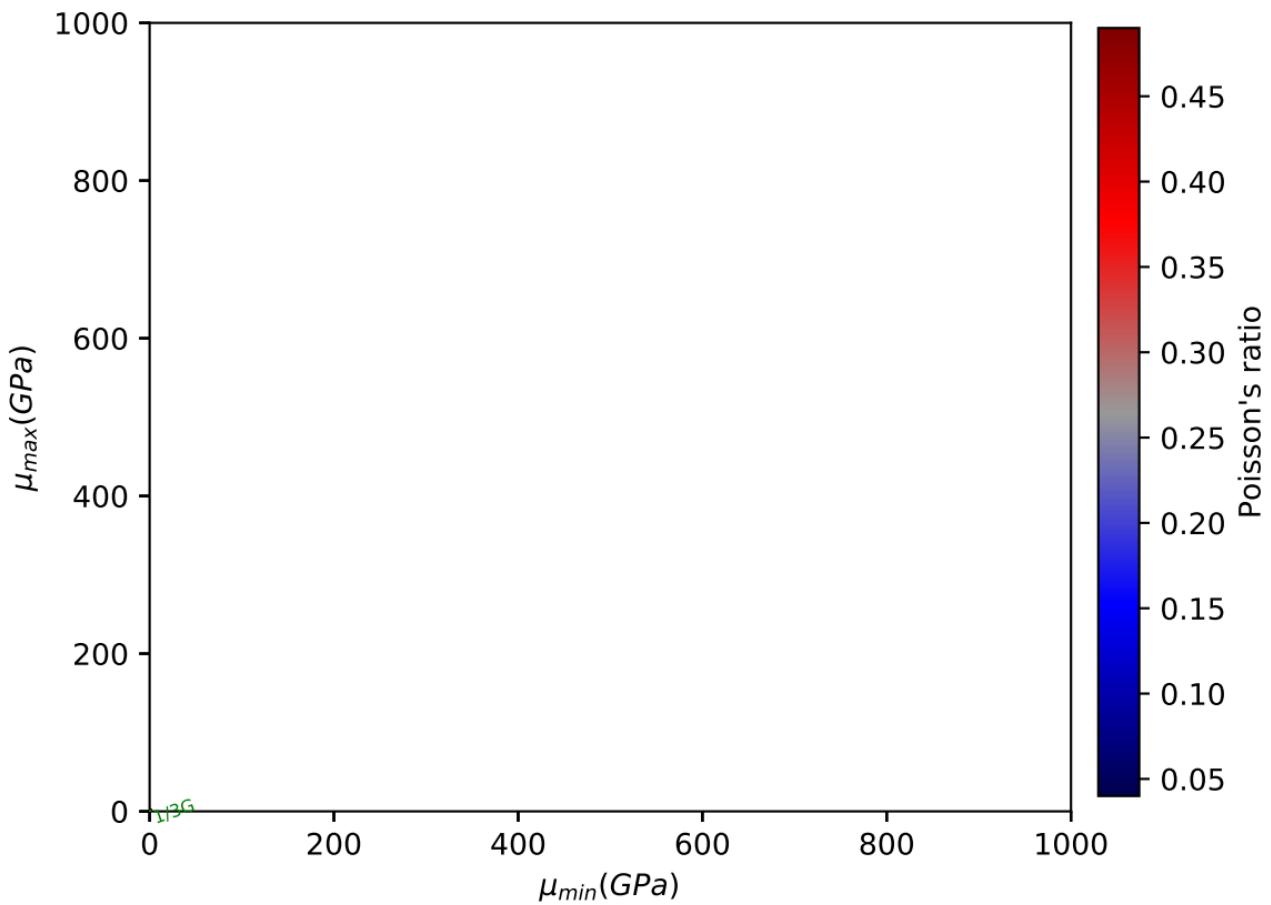
1000

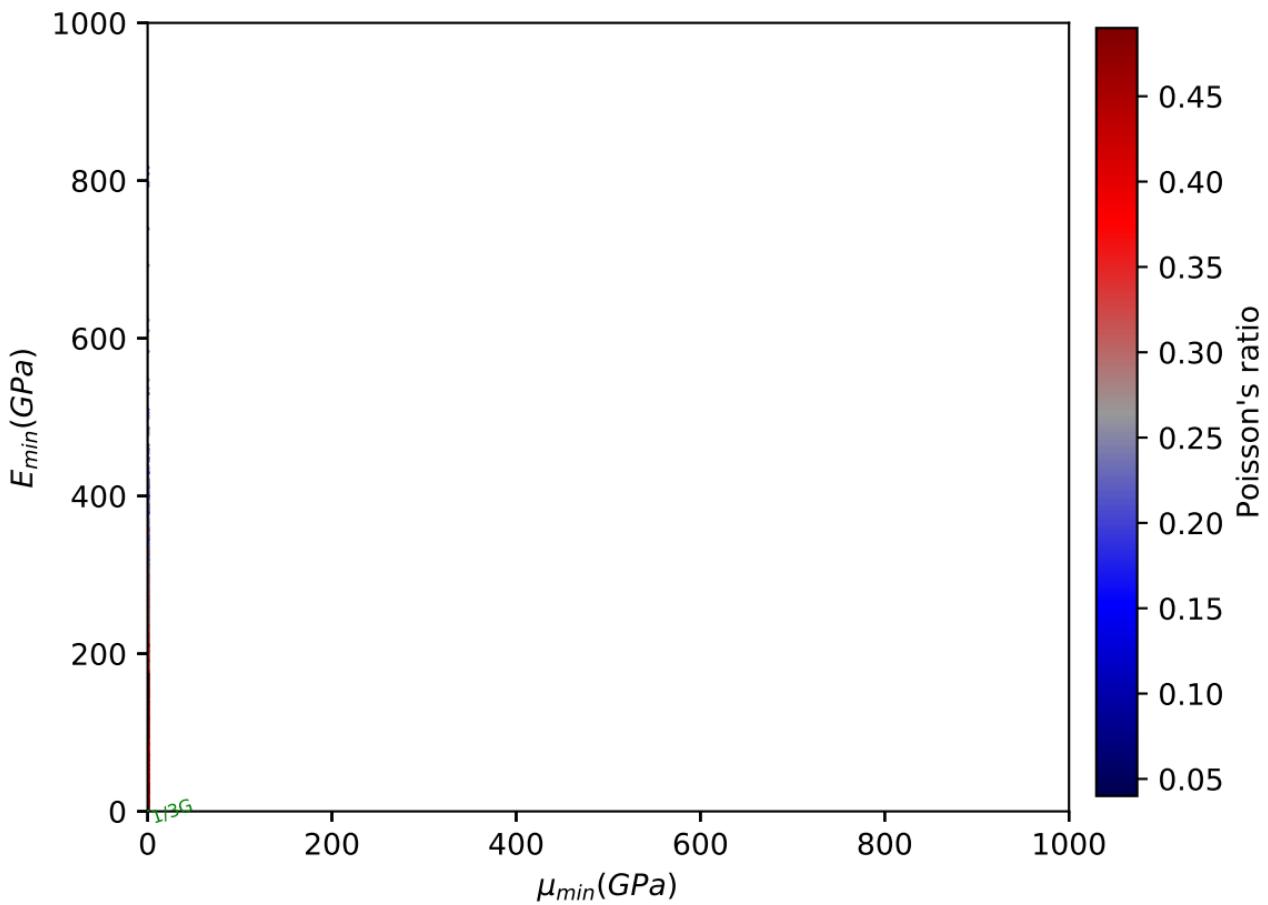
 $LC_{\max}(\text{GPa})$ 

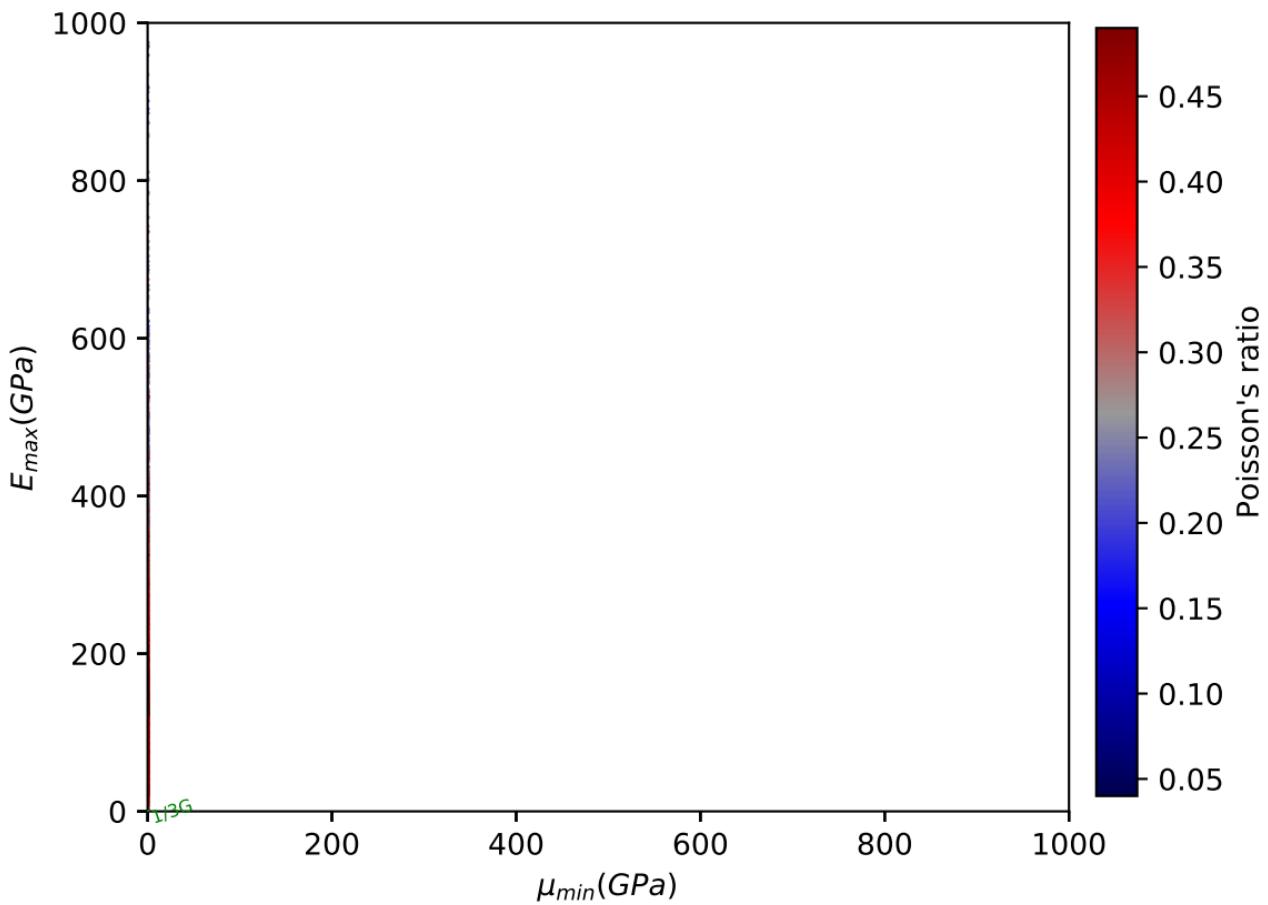
Poisson's ratio

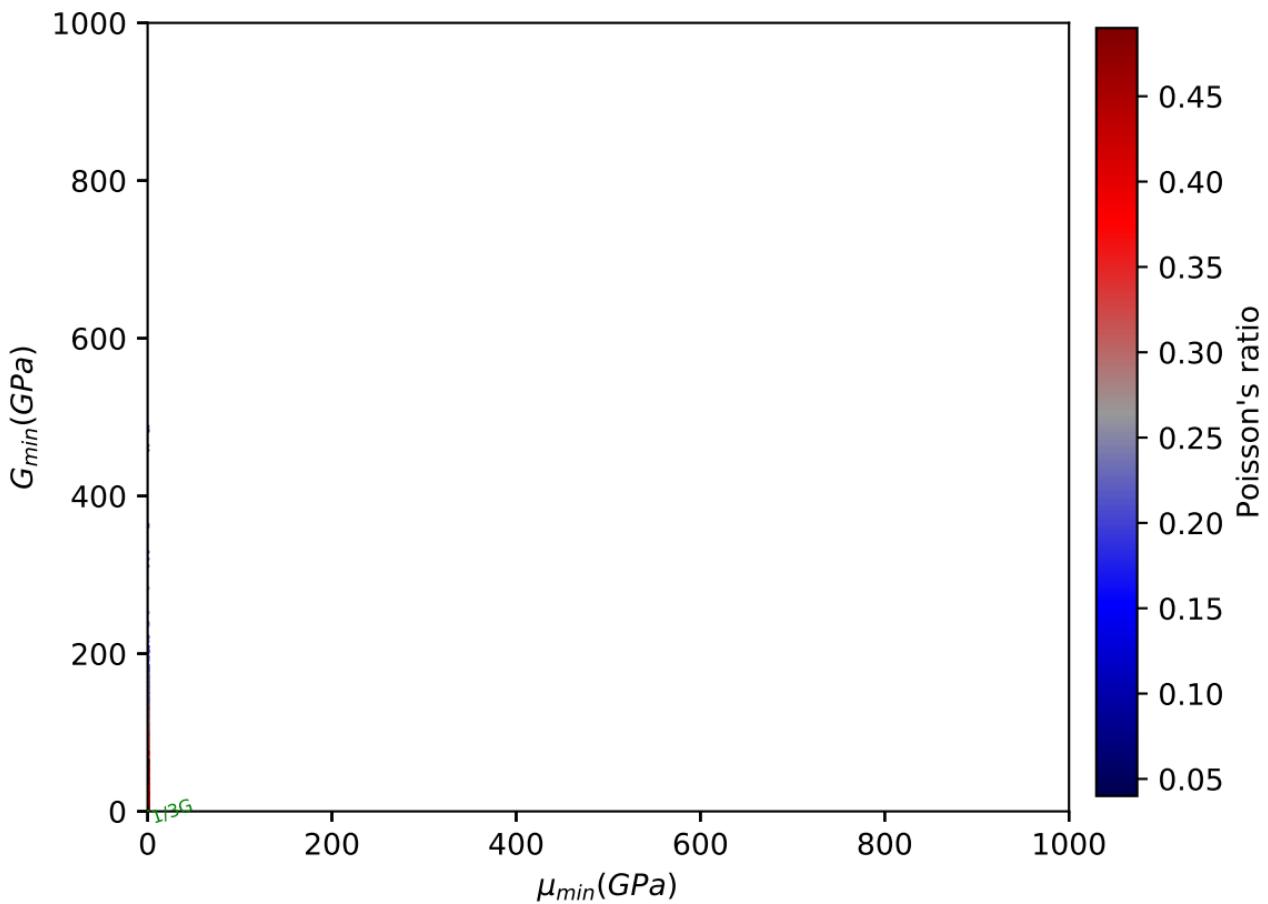


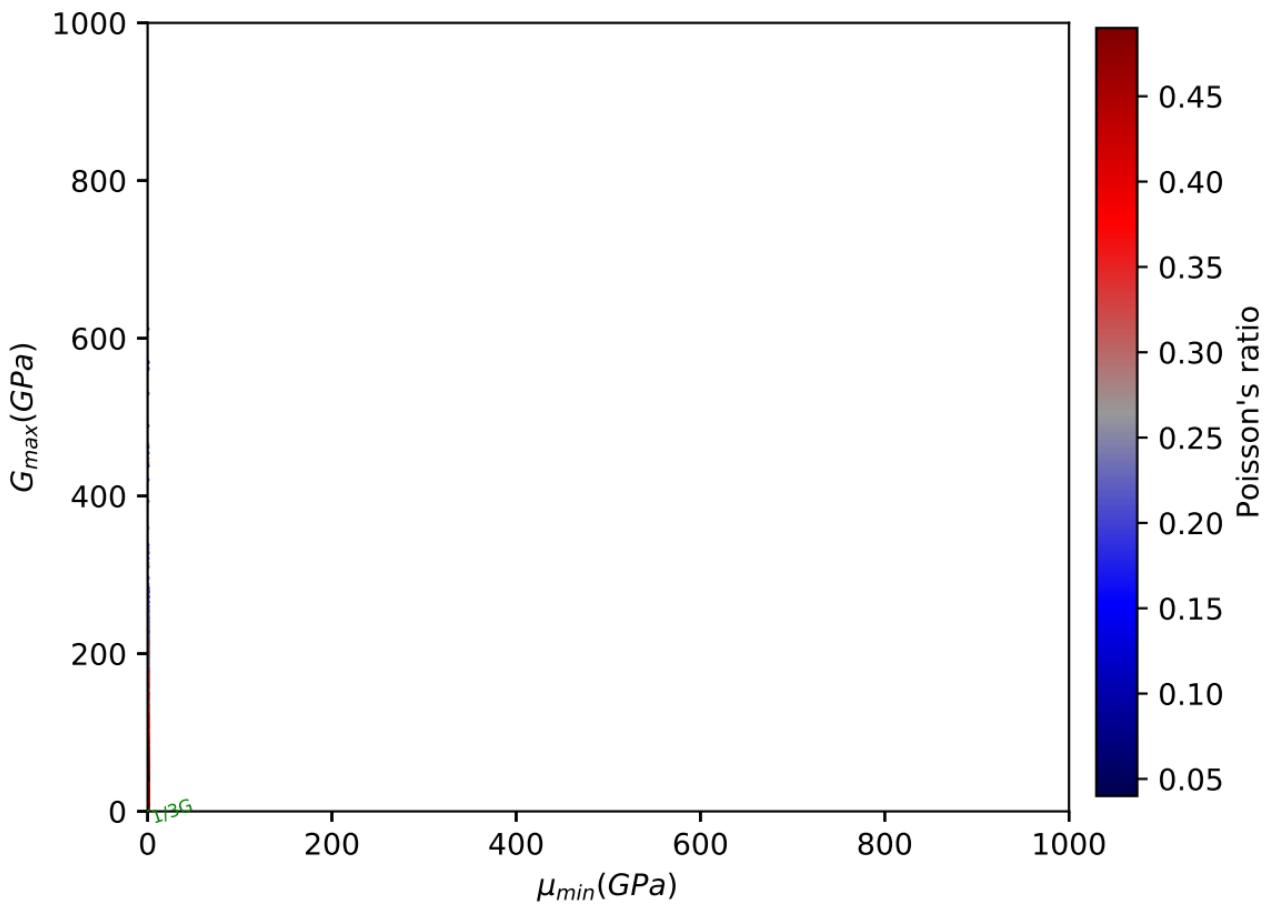


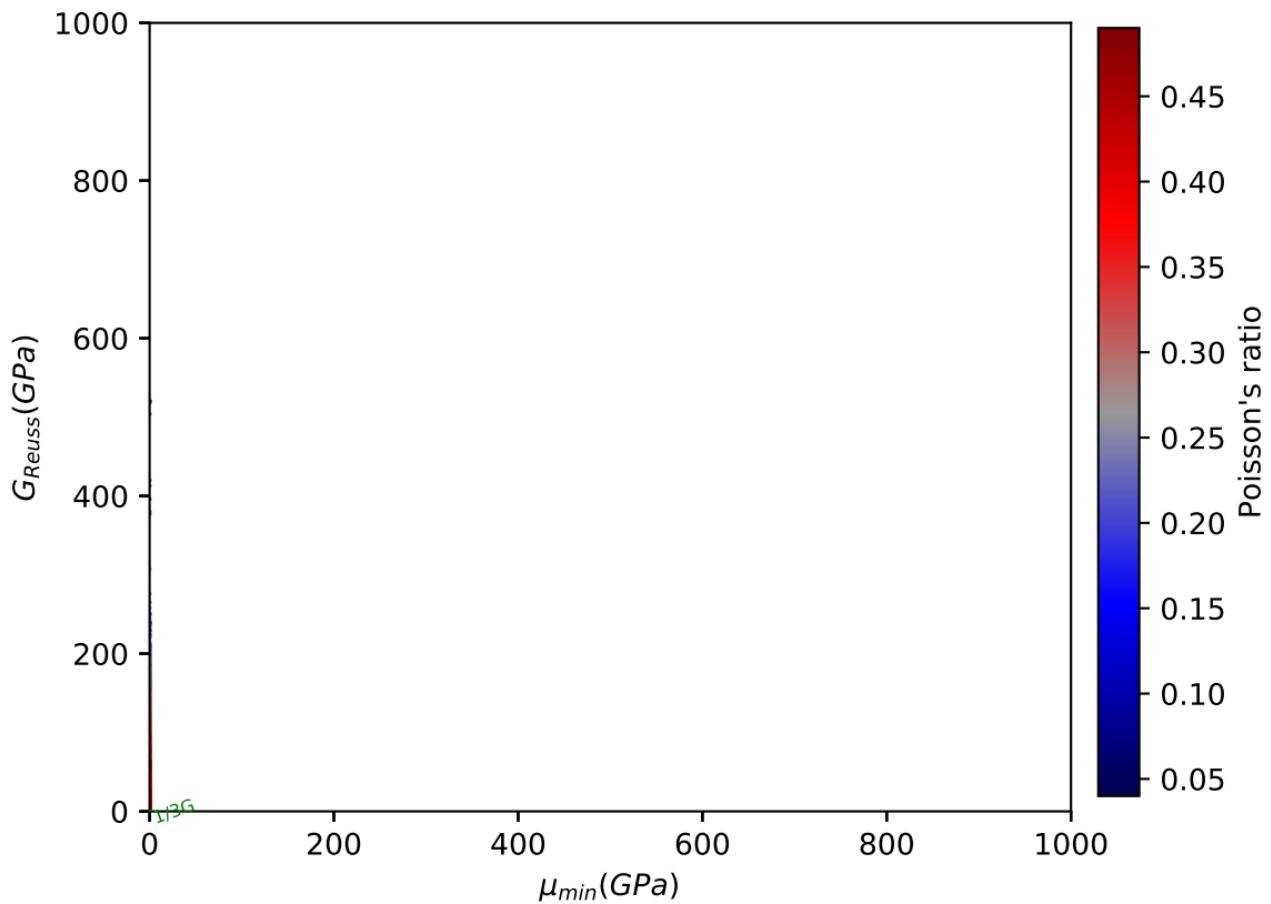












$G_{Vogt}(GPa)$

1000

800

600

400

200

0

200

400

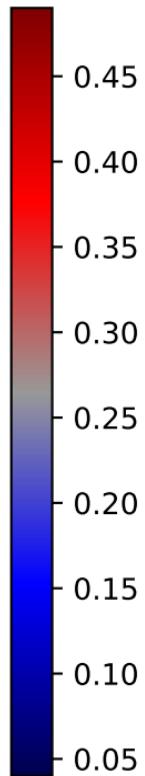
600

800

1000

 $\mu_{min}(GPa)$

Poisson's ratio



$G_{Voigt\ Reuss\ Hill}(GPa)$

1000

800

600

400

200

0

200

400

600

800

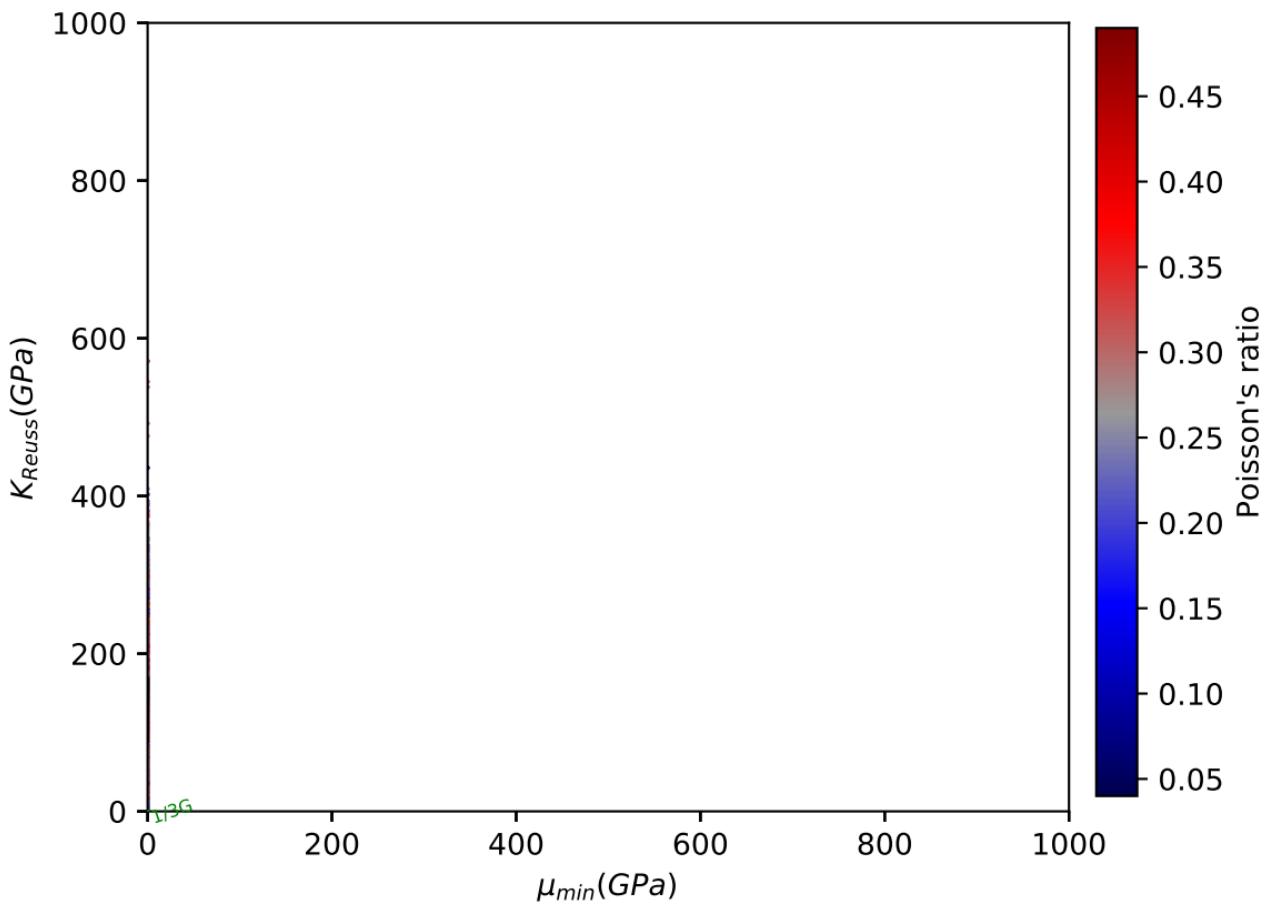
1000

$\mu_{min}(GPa)$

0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05

Poisson's ratio

125



$K_{Vogt}(GPa)$

1000

800

600

400

200

0

200

400

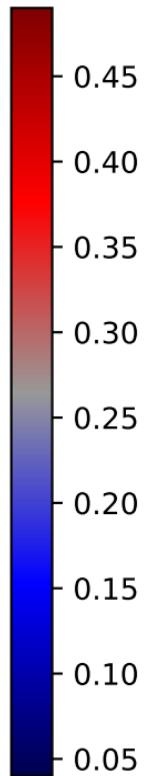
600

800

1000

 $\mu_{min}(GPa)$

Poisson's ratio



$K_{\text{voigt Reuss Hill}}(\text{GPa})$

1000

800

600

400

200

0

0

200

400

600

800

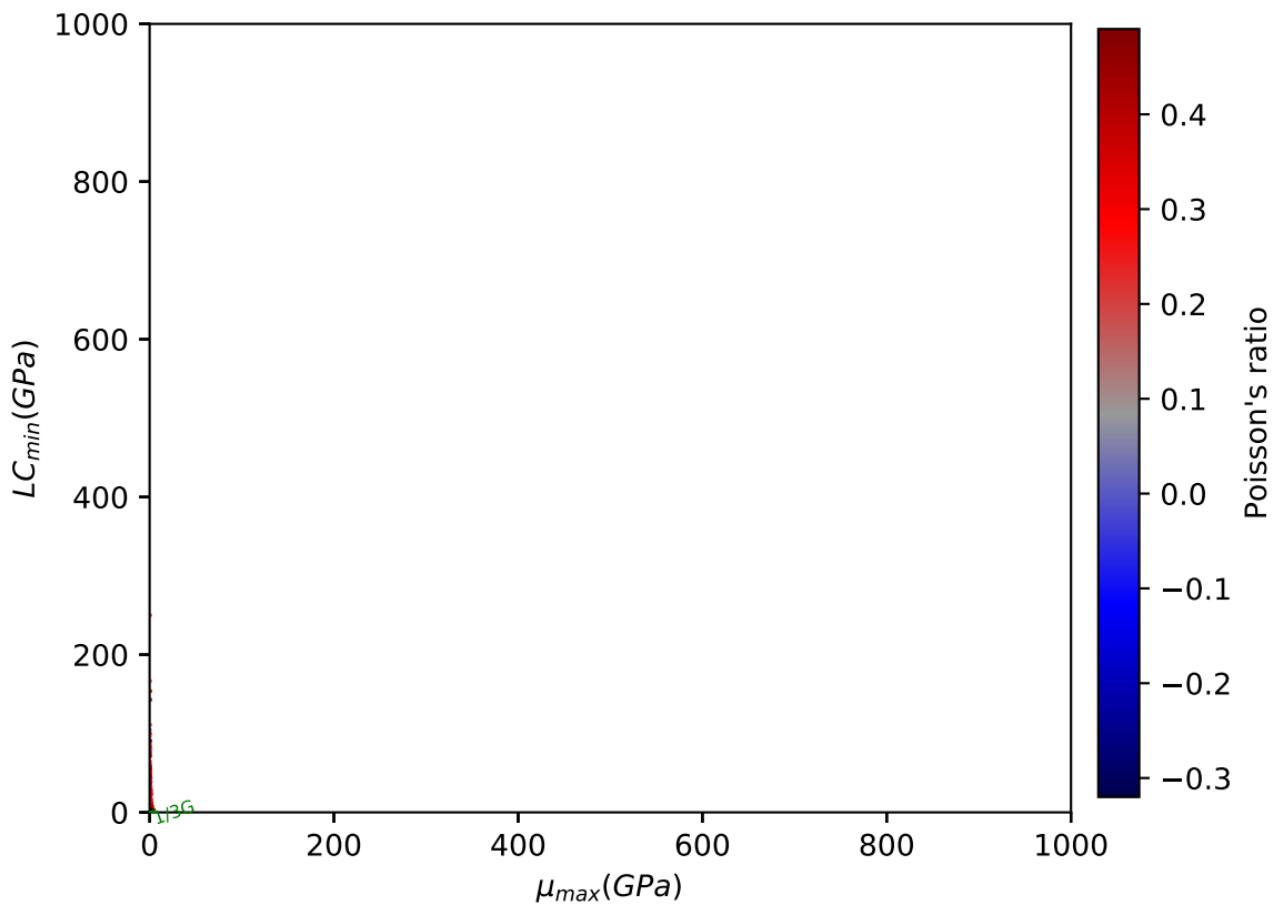
1000

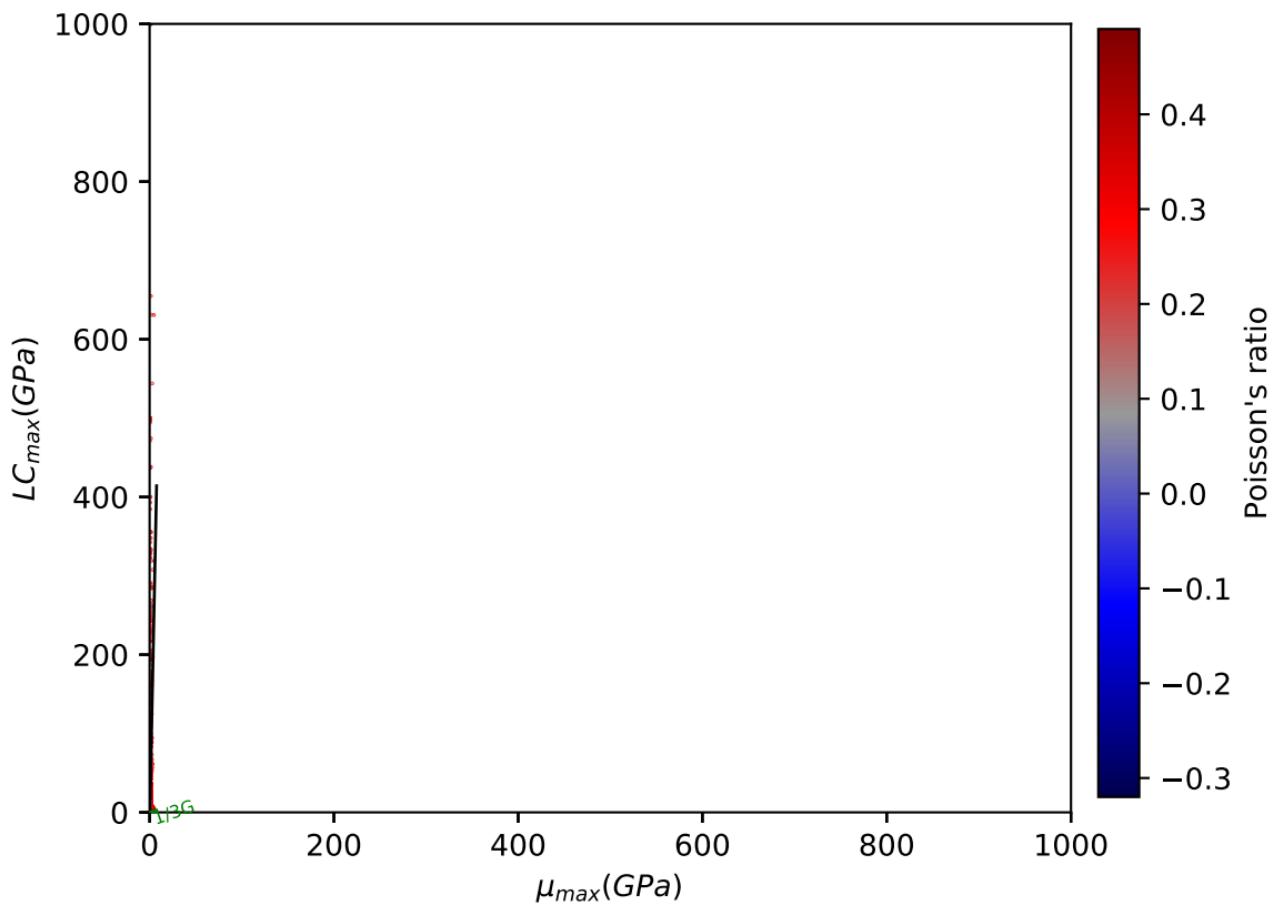
$\mu_{\min}(\text{GPa})$

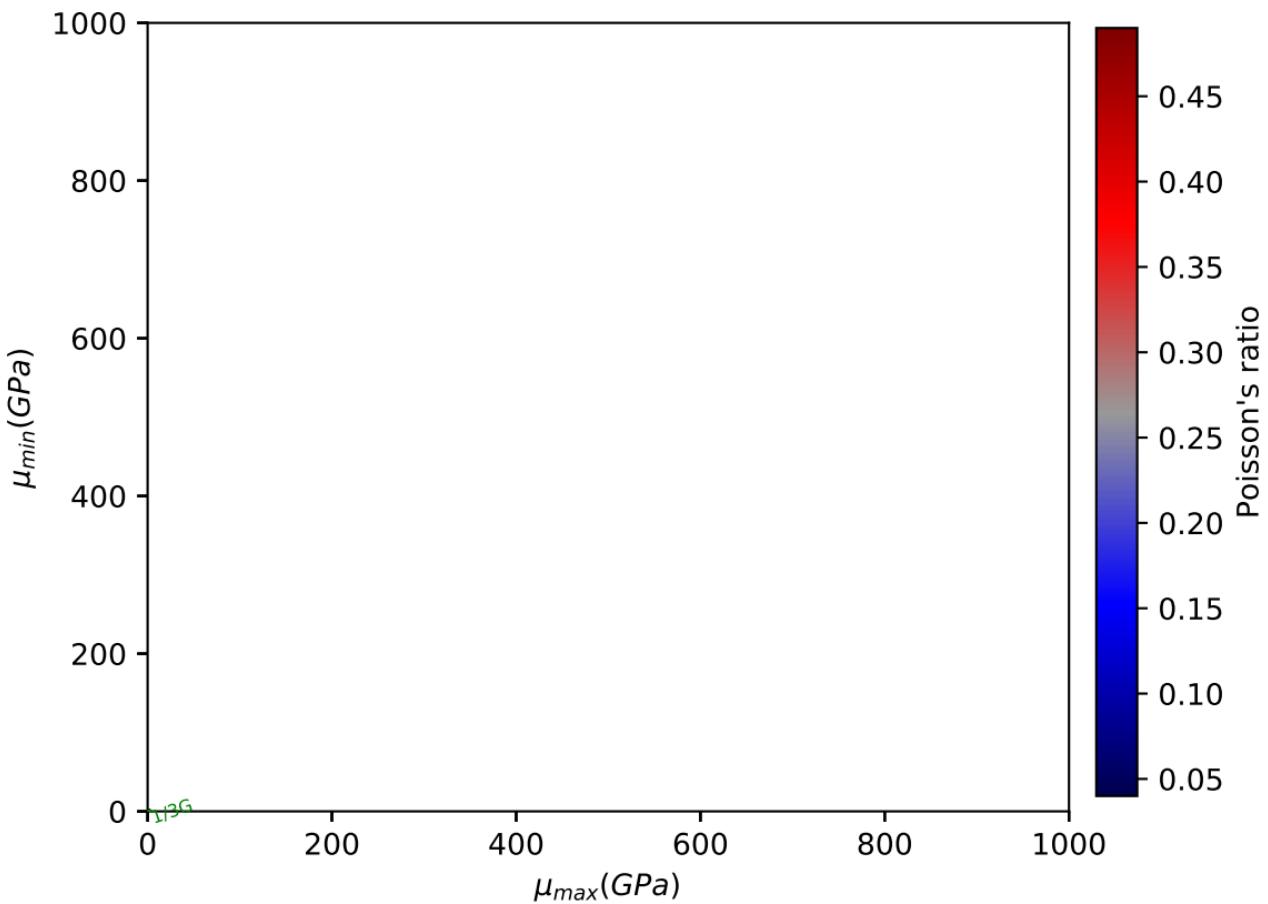
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05

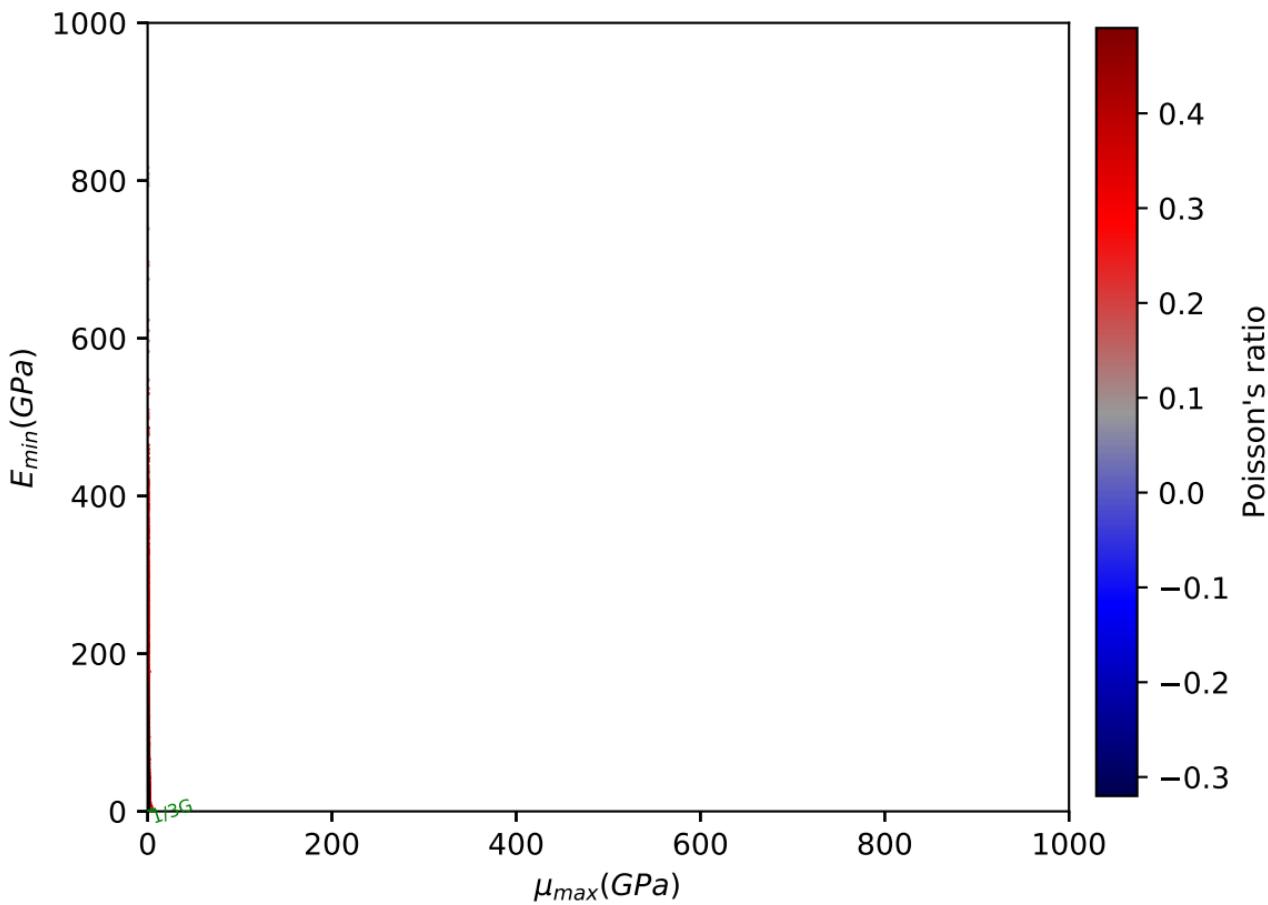
Poisson's ratio

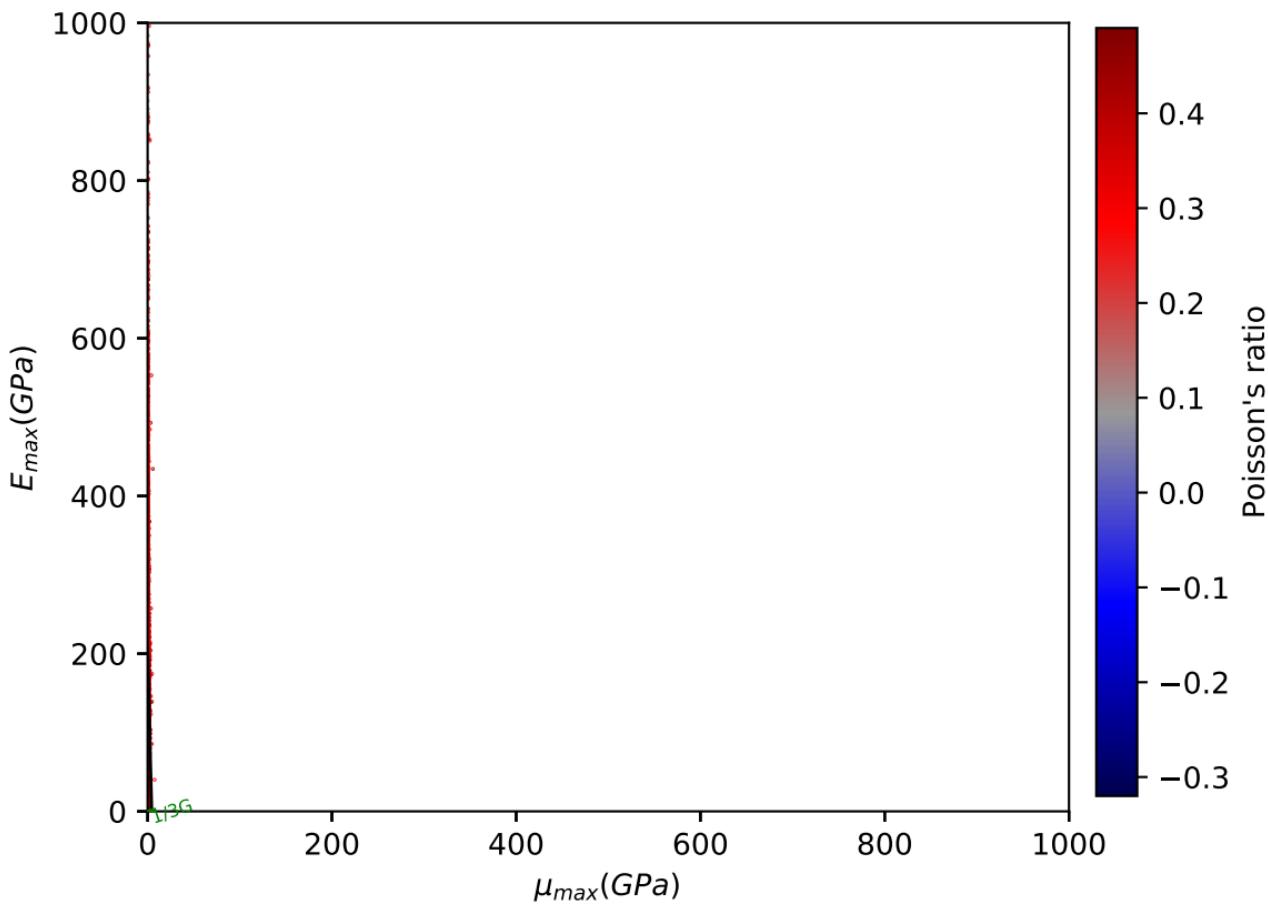
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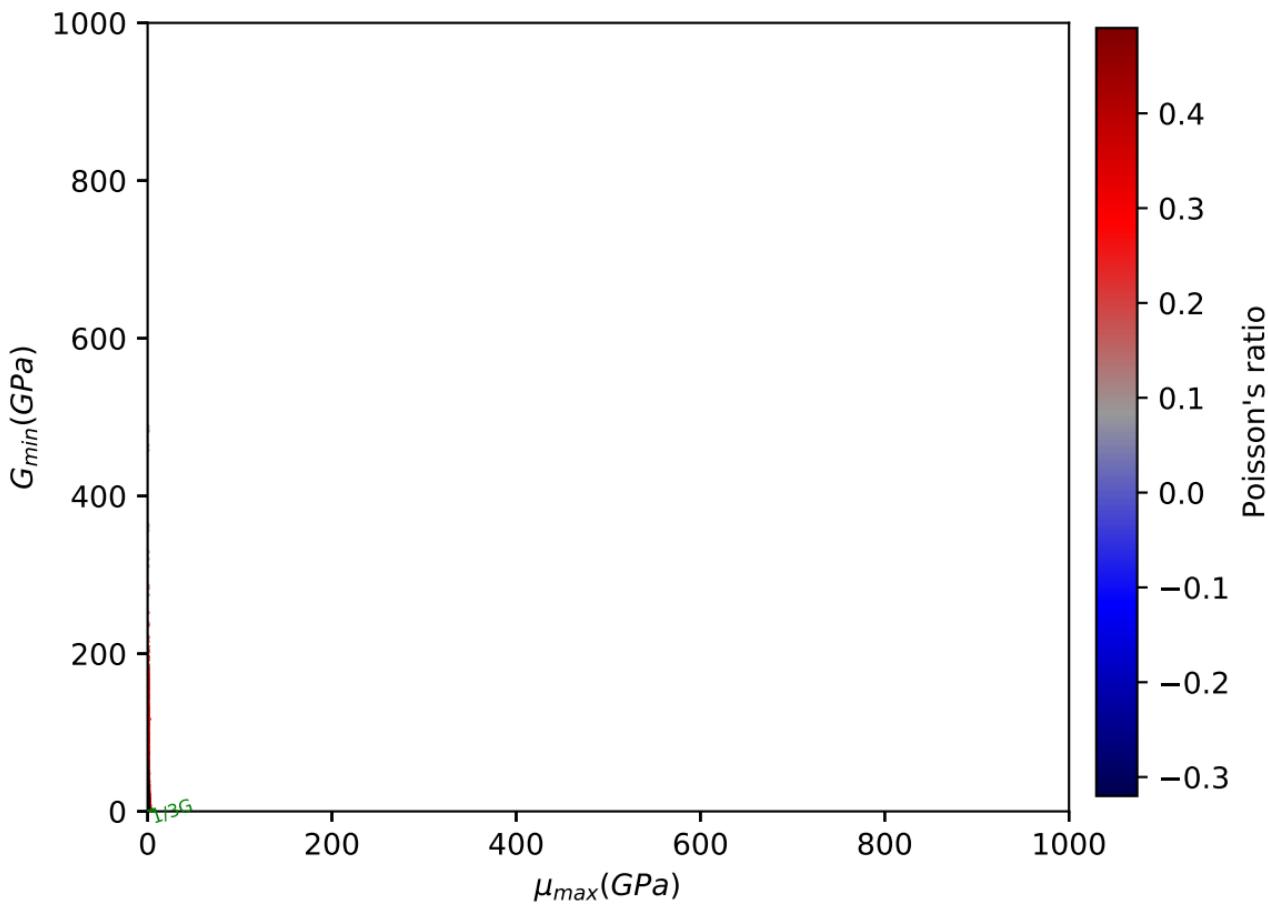


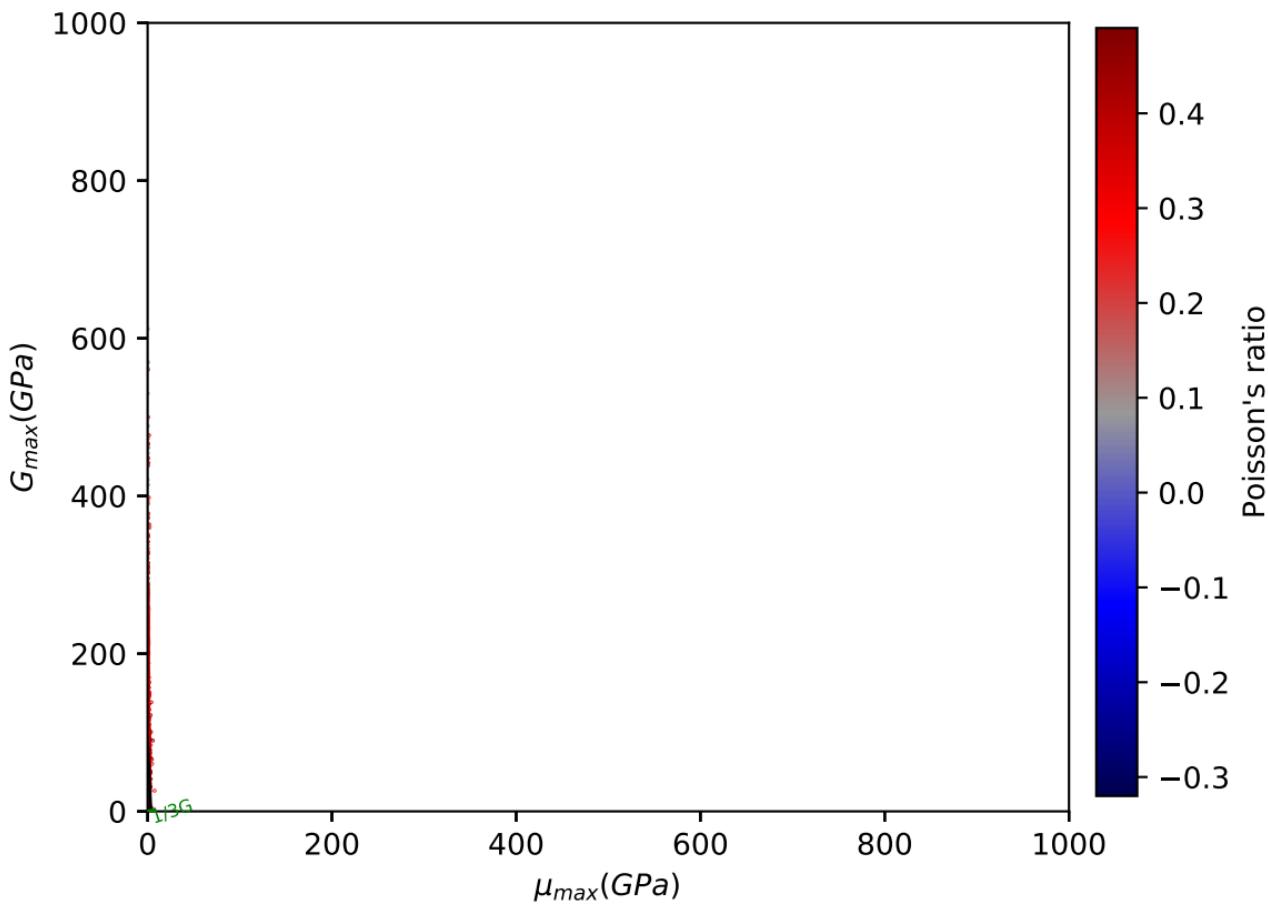


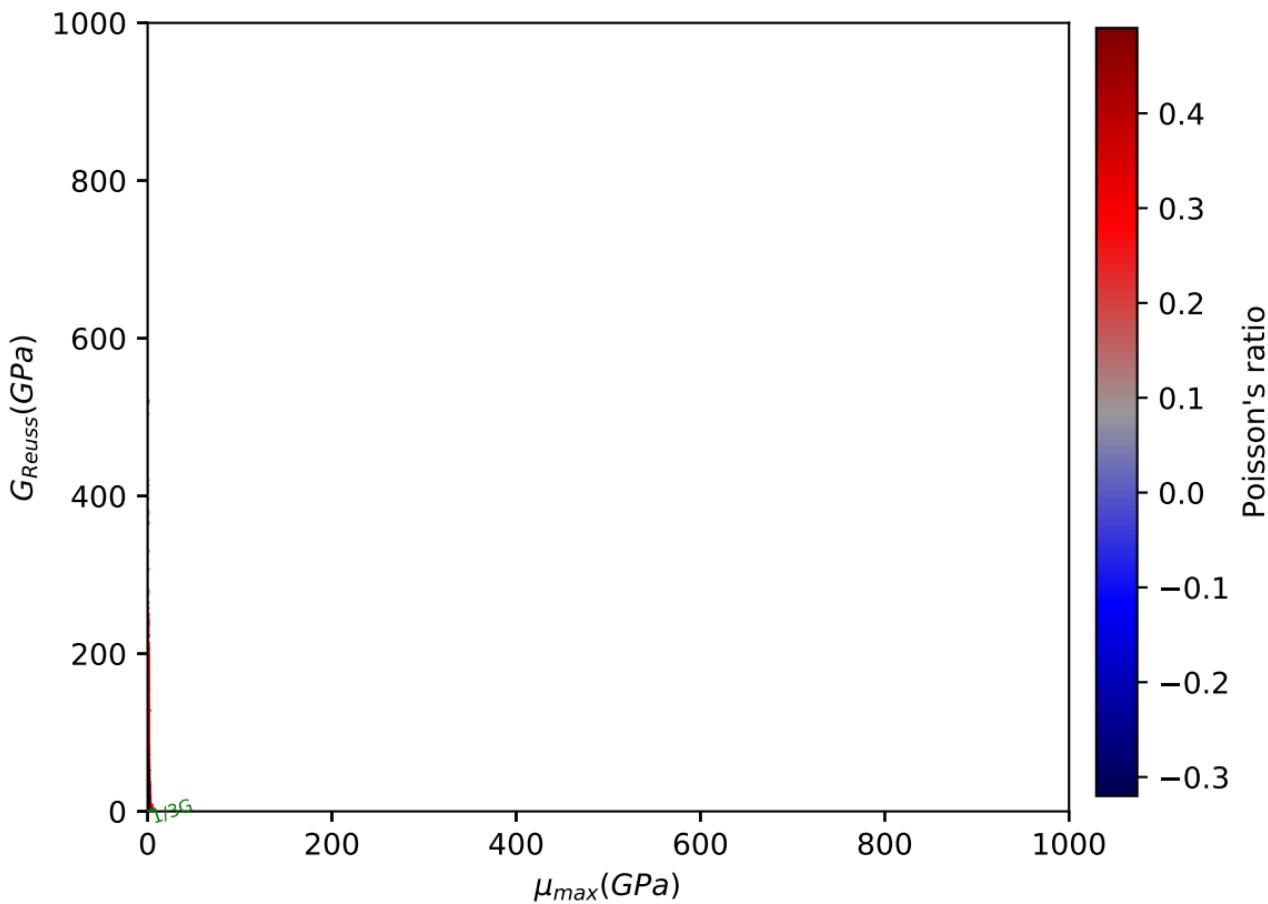












$G_{Vogt}(GPa)$

1000

800

600

400

200

0

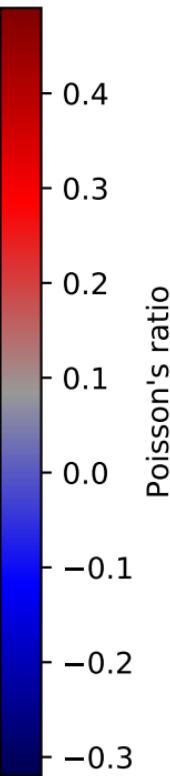
200

400

600

800

1000

 $\mu_{max}(GPa)$ 

Poisson's ratio

$G_{Voigt\text{--}Reuss\text{--}Hill}(GPa)$

1000

800

600

400

200

0

200

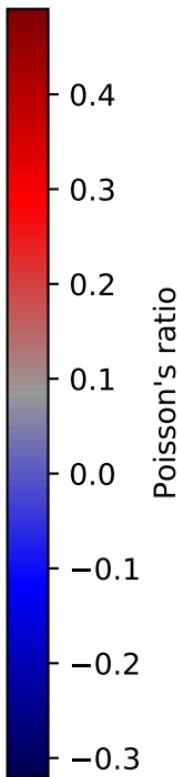
400

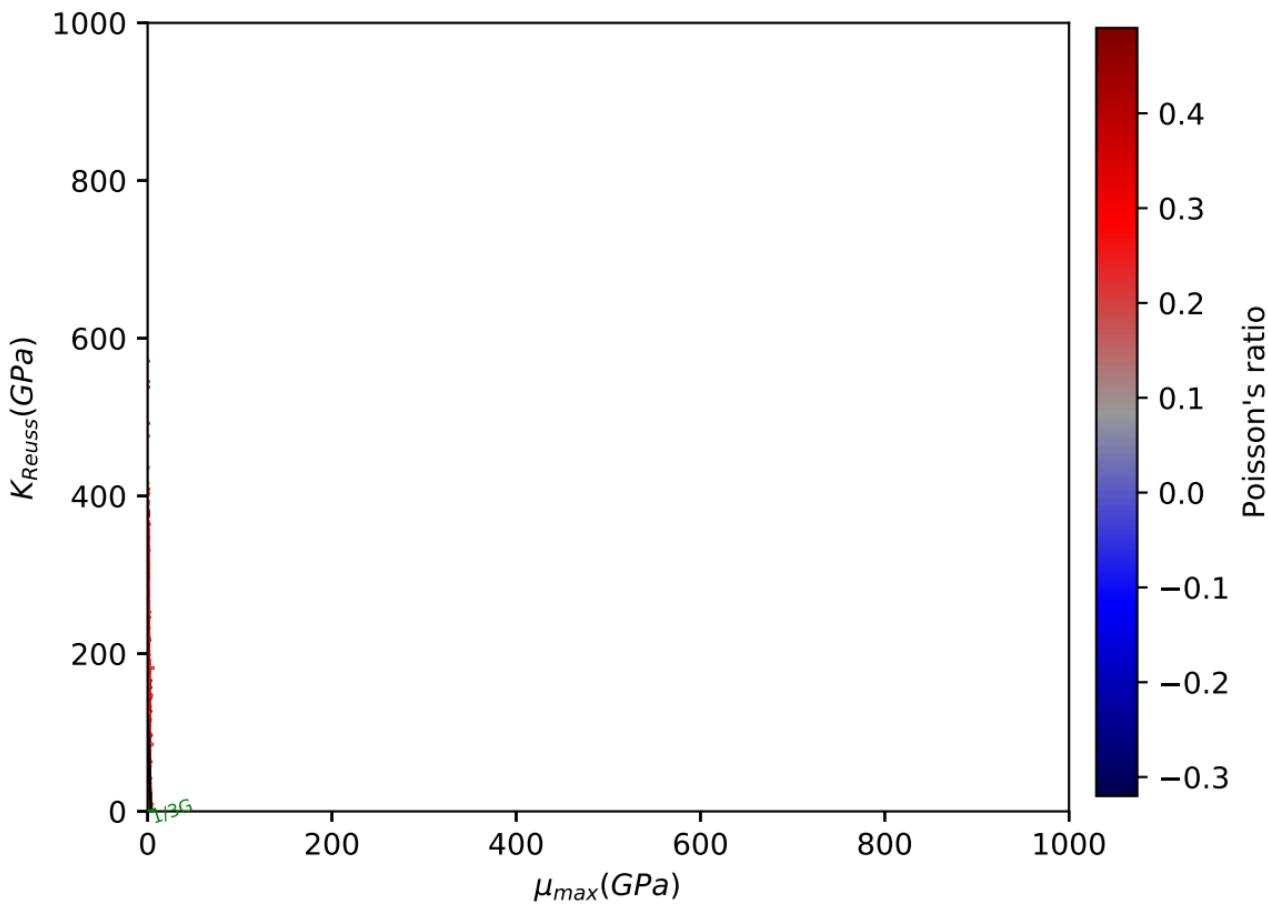
600

800

1000

$\mu_{max}(GPa)$





$K_{Voigt}(GPa)$

1000

800

600

400

200

0

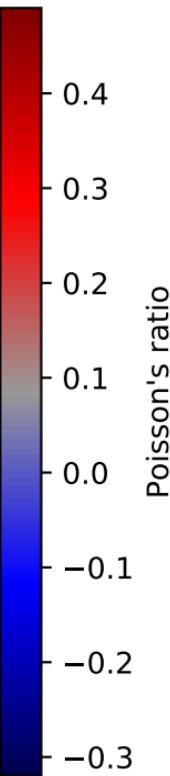
200

400

600

800

1000

 $\mu_{max}(GPa)$ 

$K_{voigt \text{ Reuss } Hill}(GPa)$

1000
800
600
400
200
0

0

200

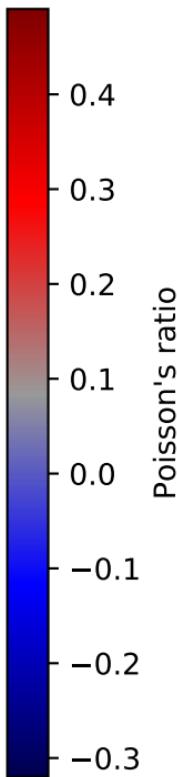
400

600

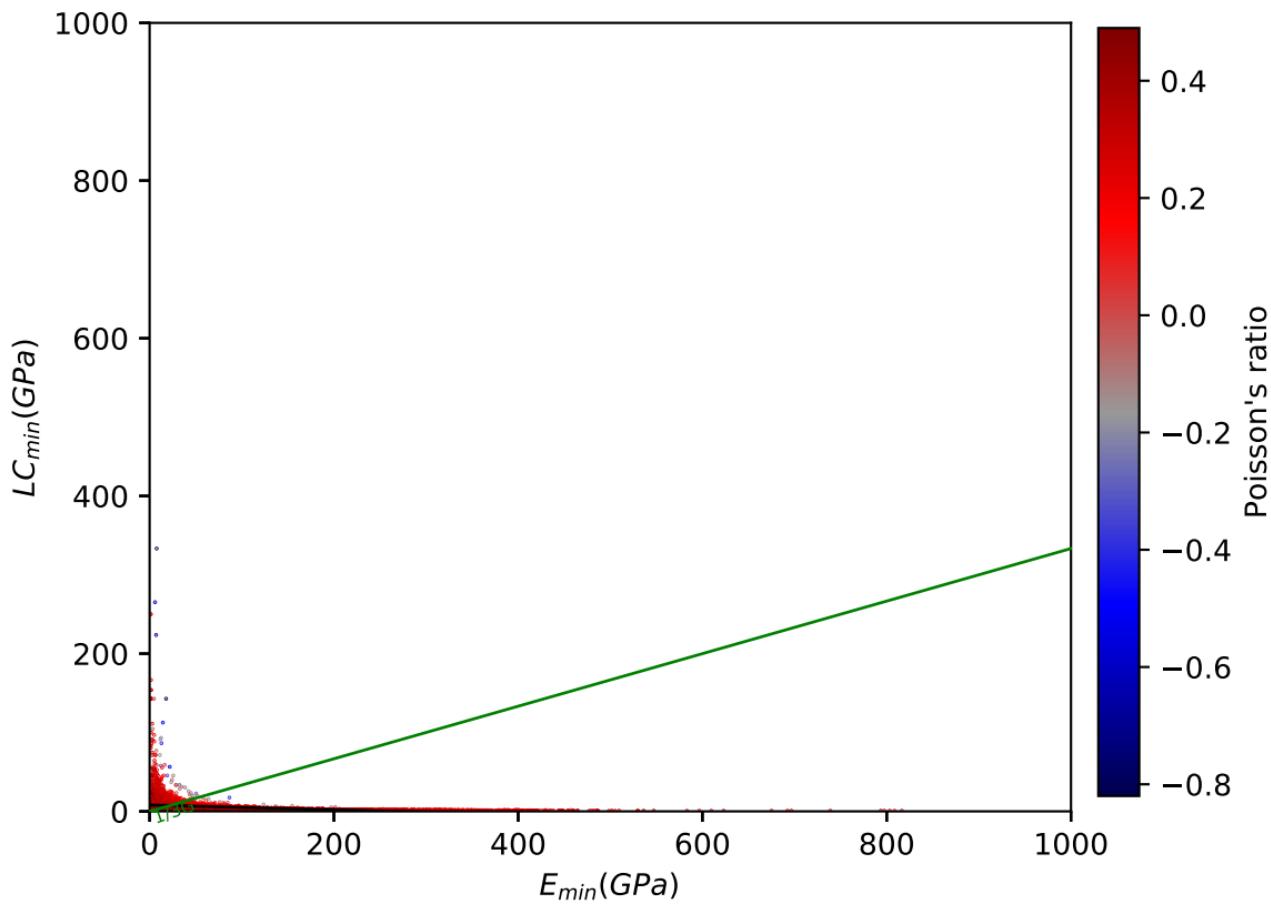
800

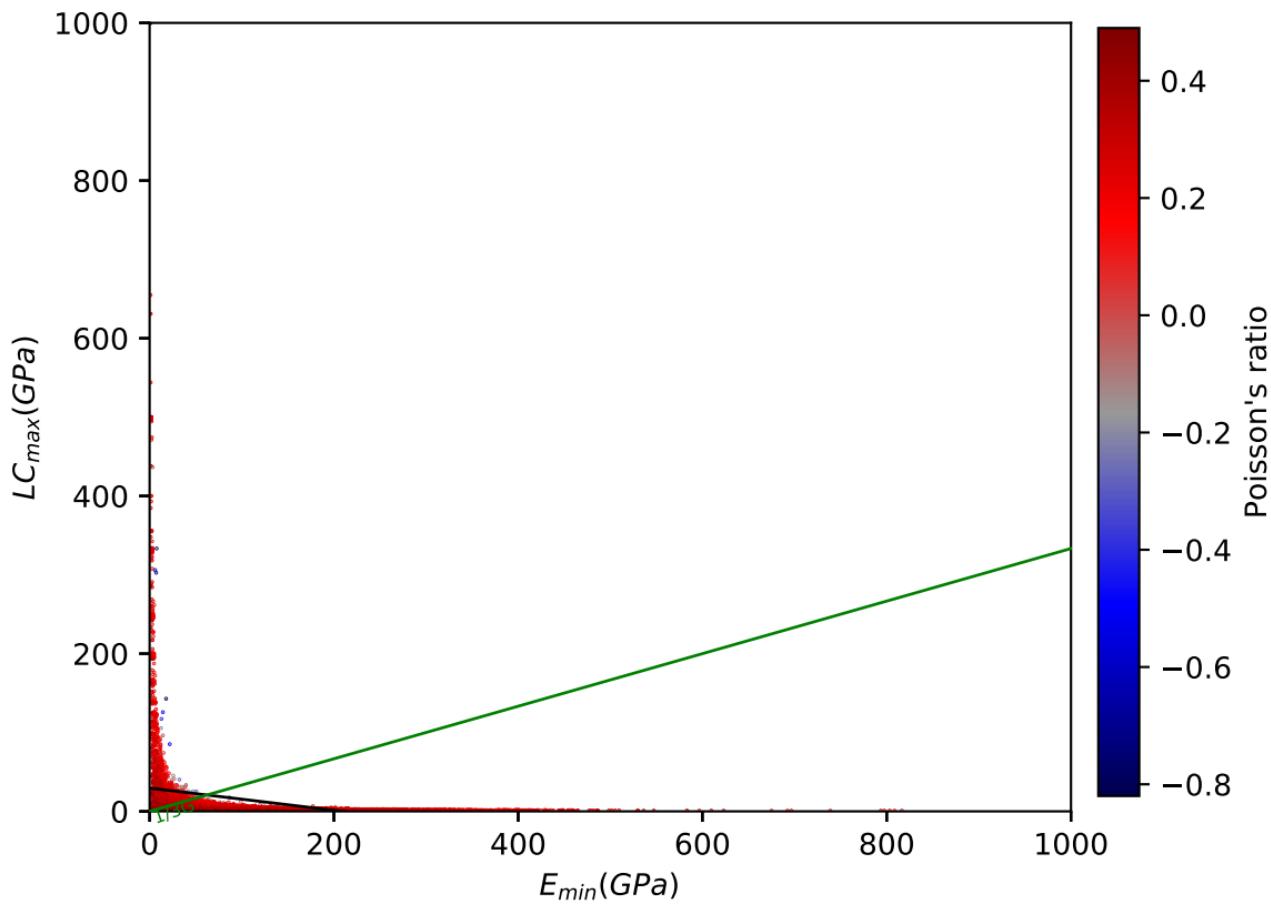
1000

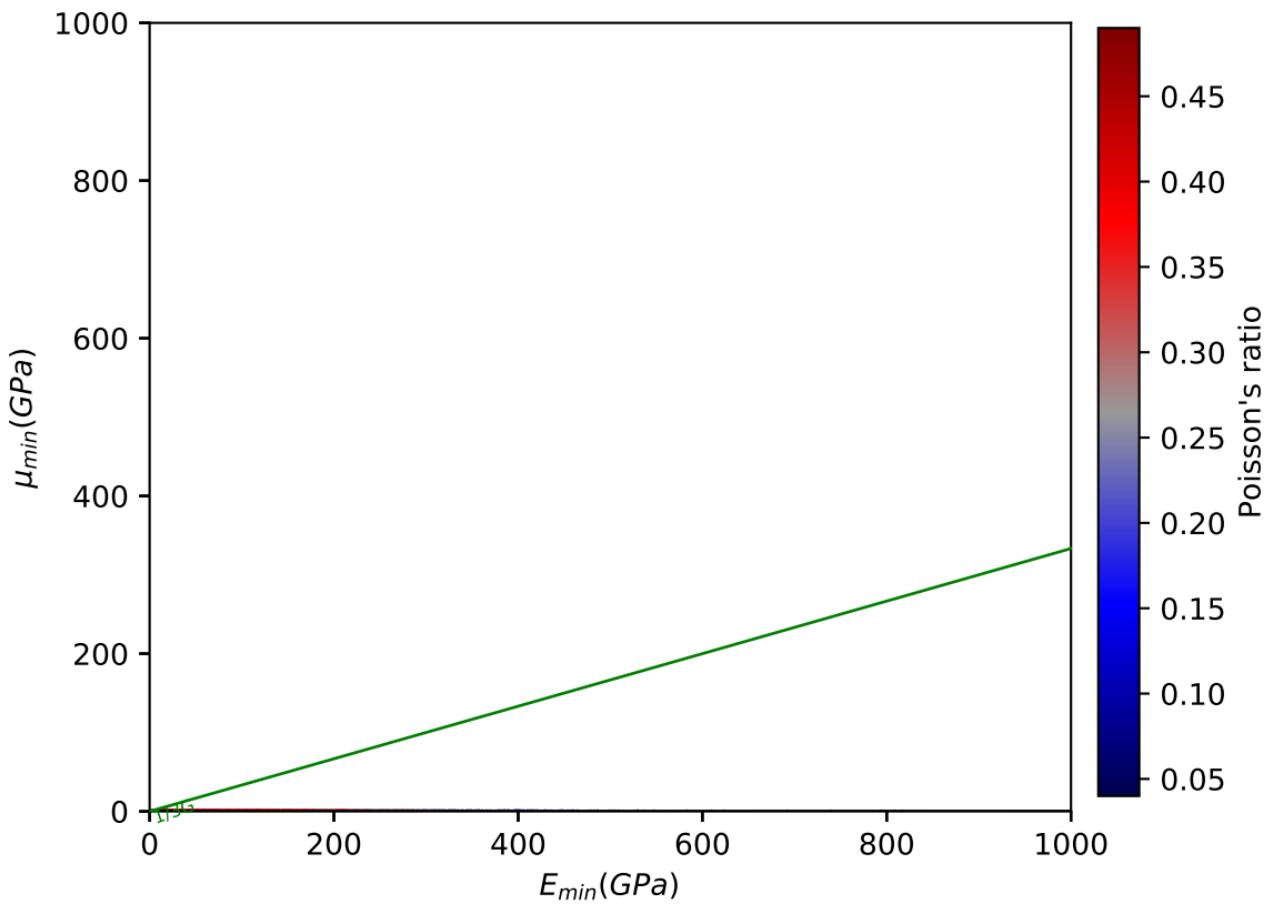
$\mu_{max}(GPa)$

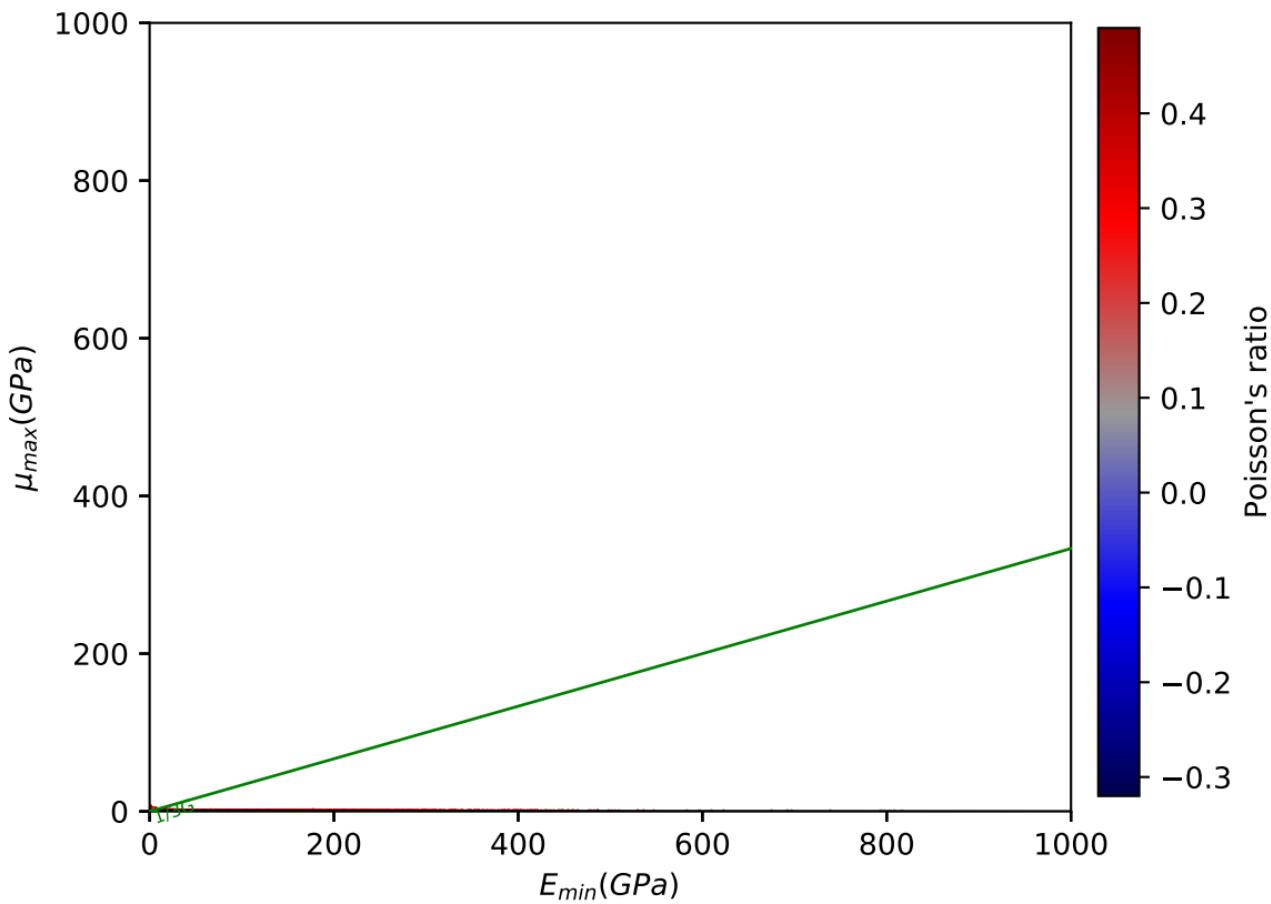


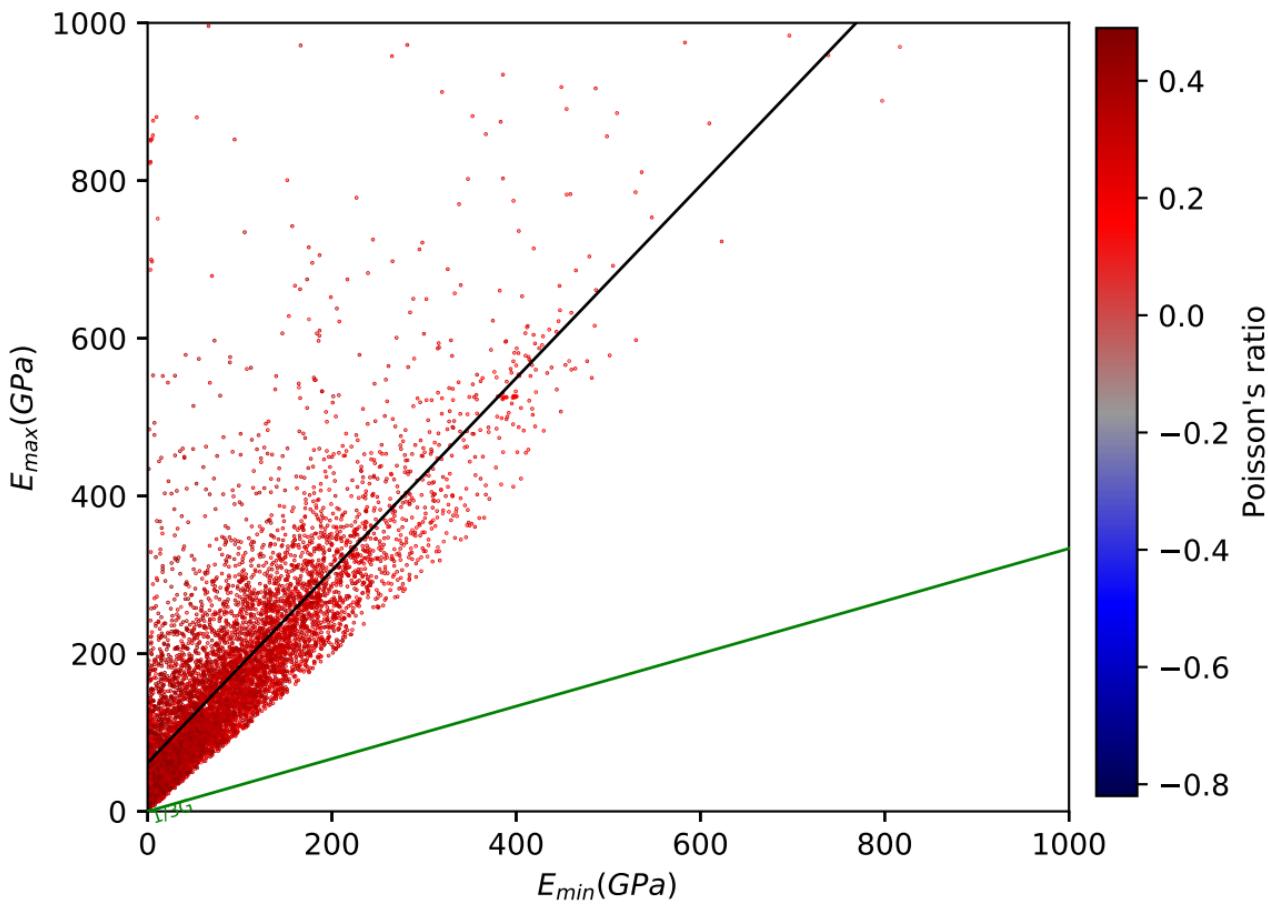
Poisson's ratio

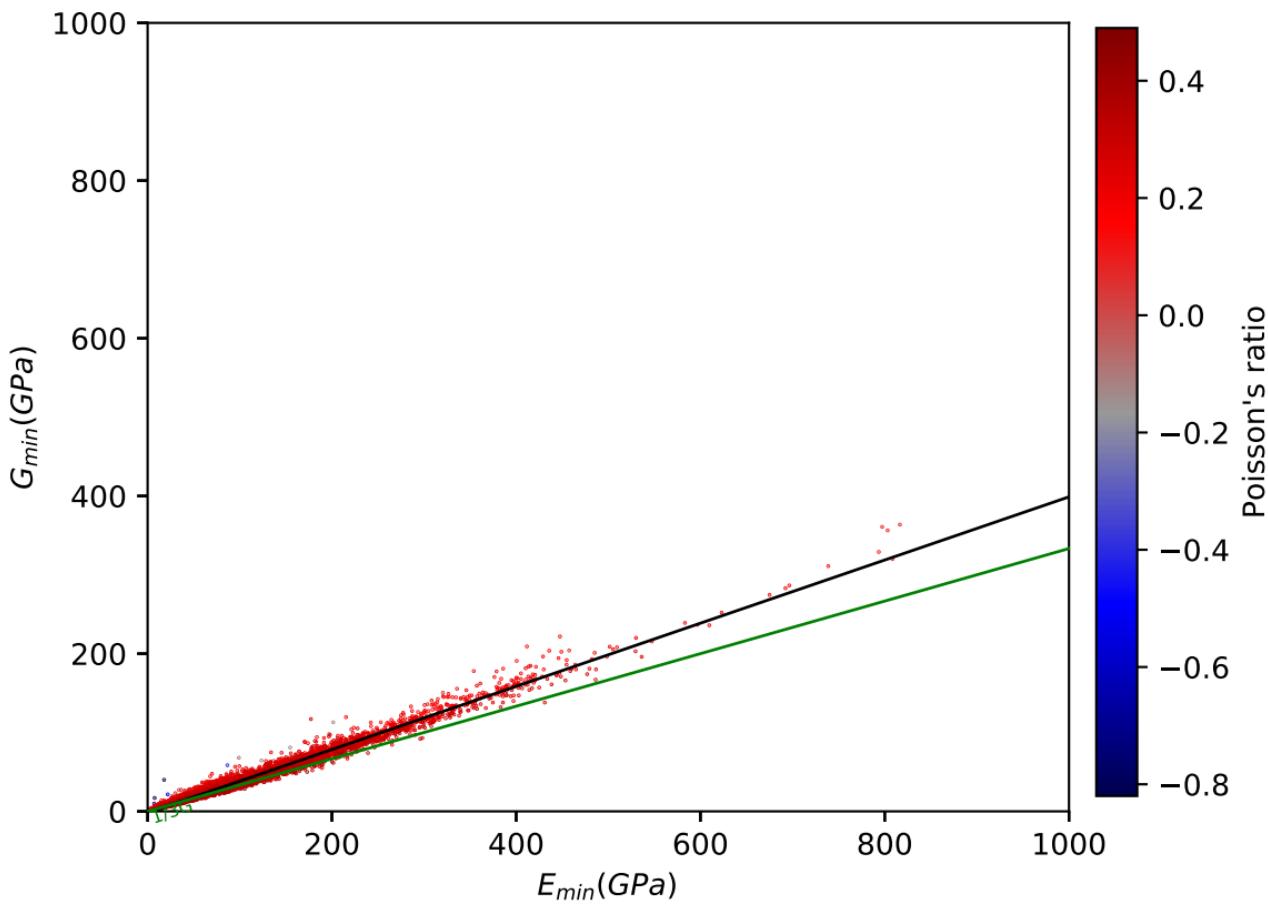


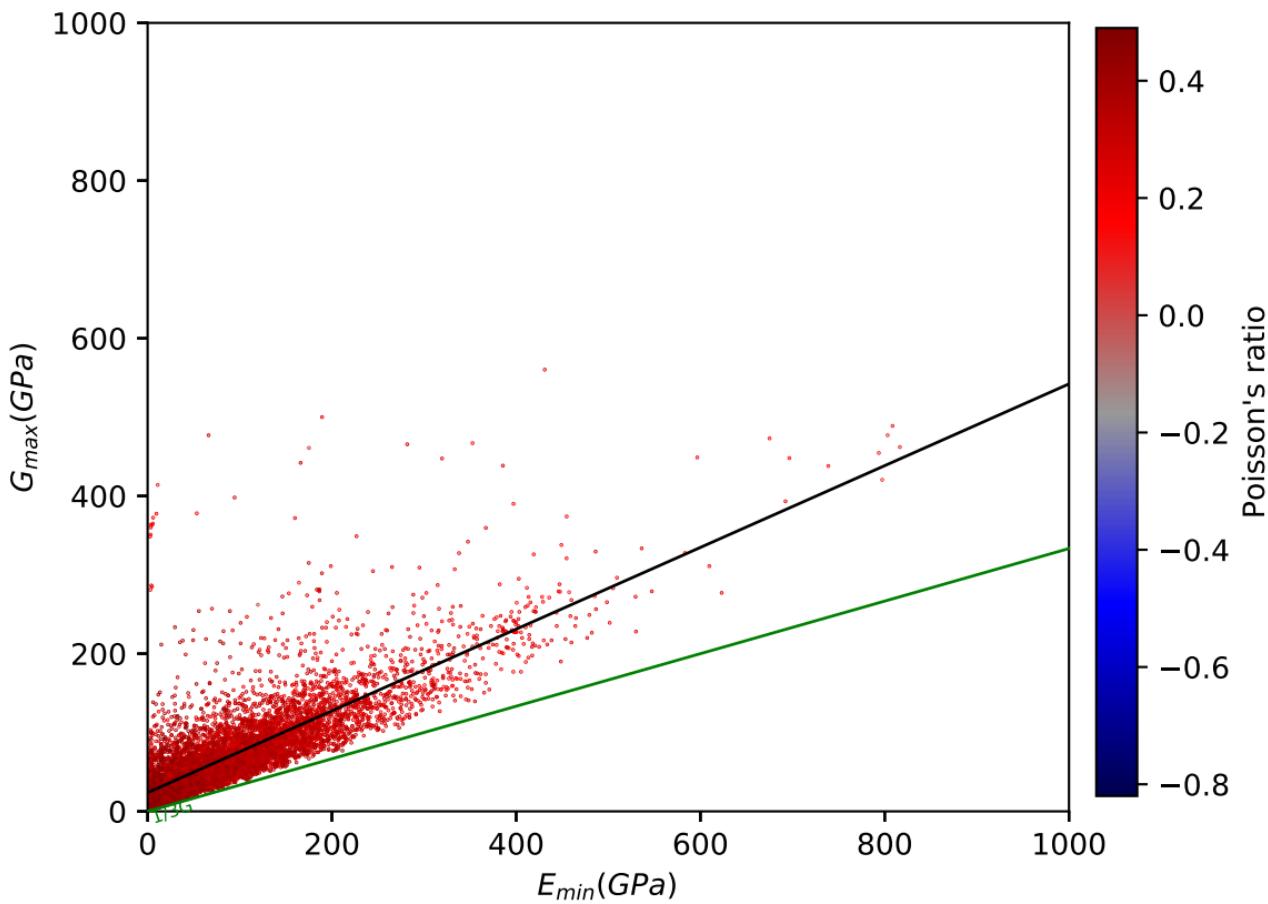


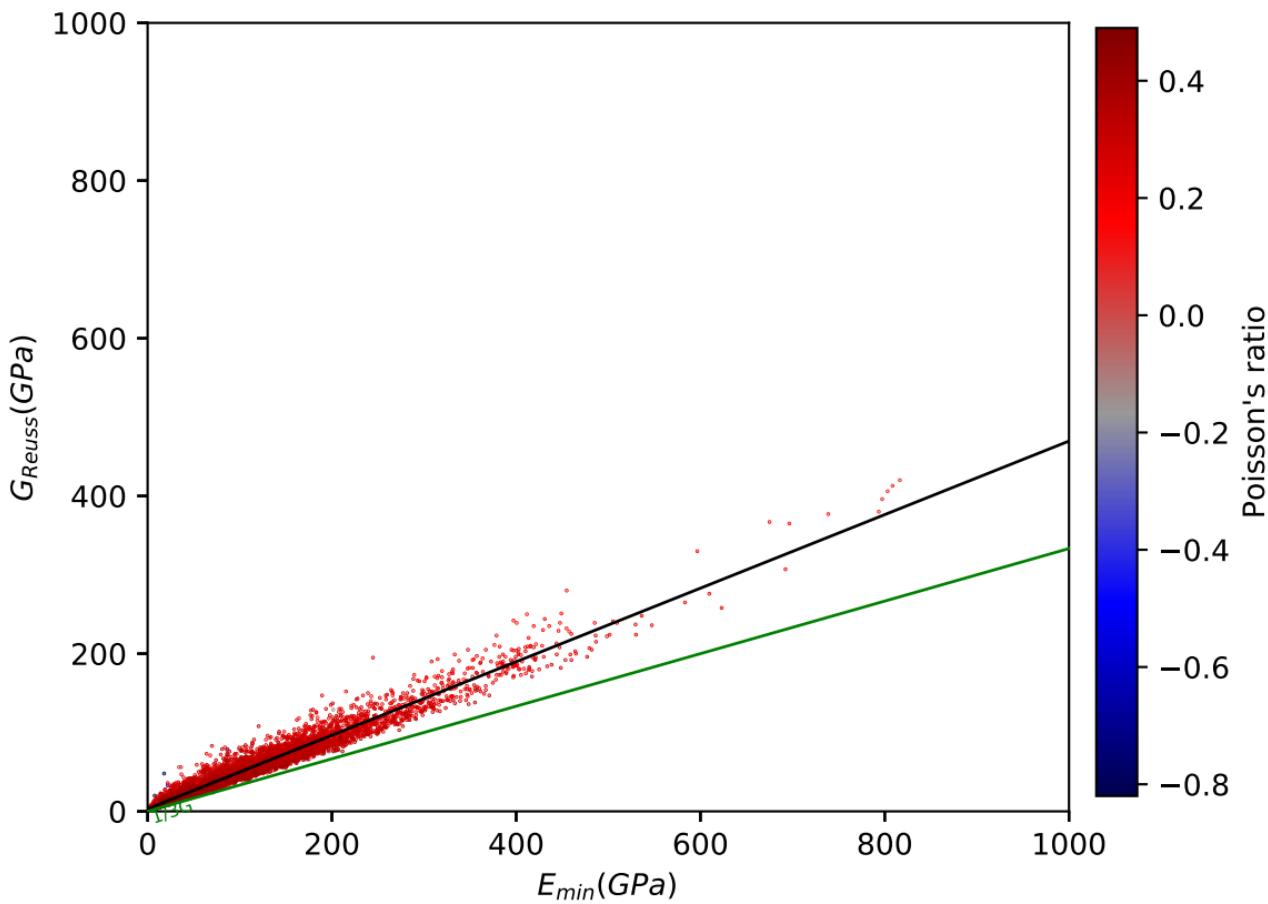


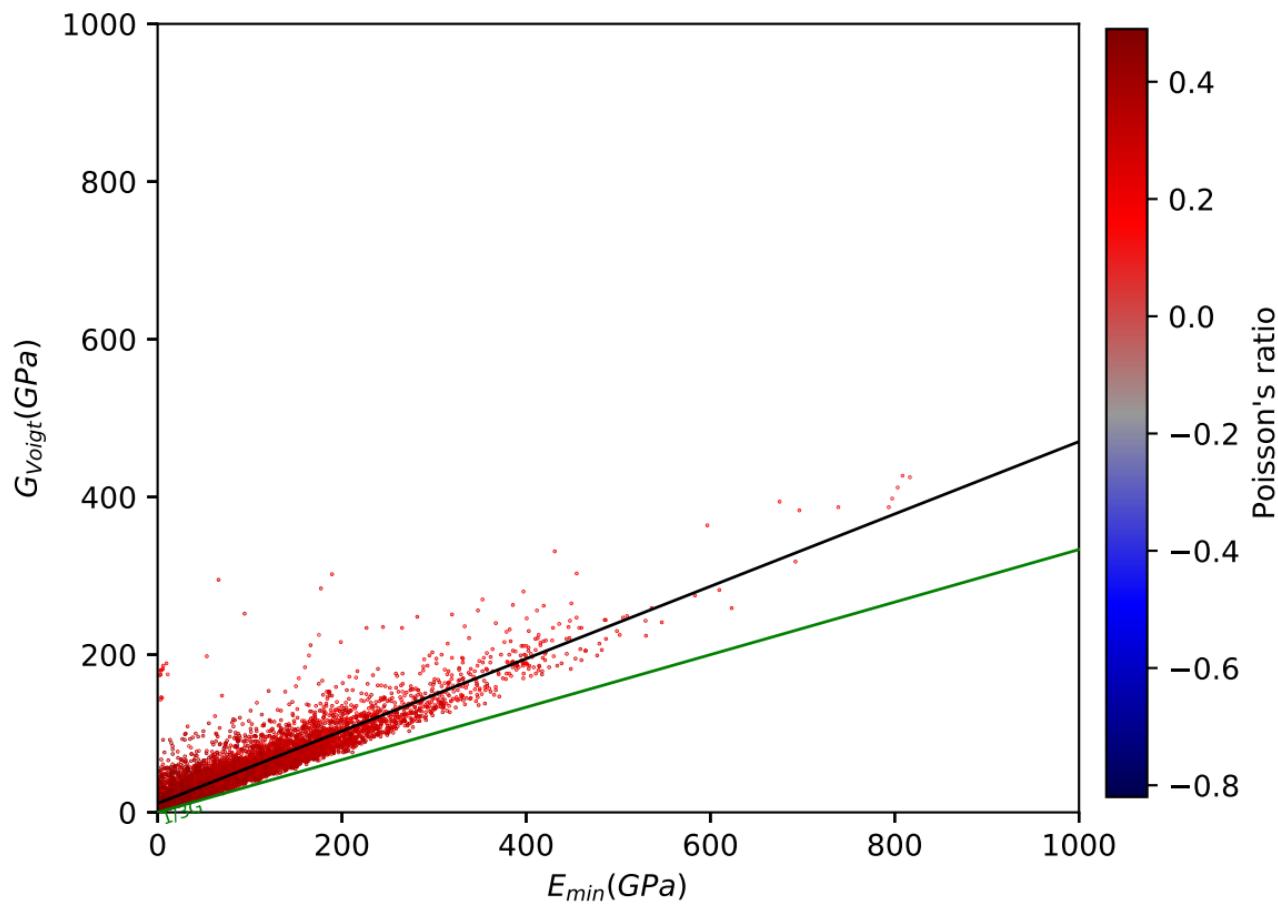


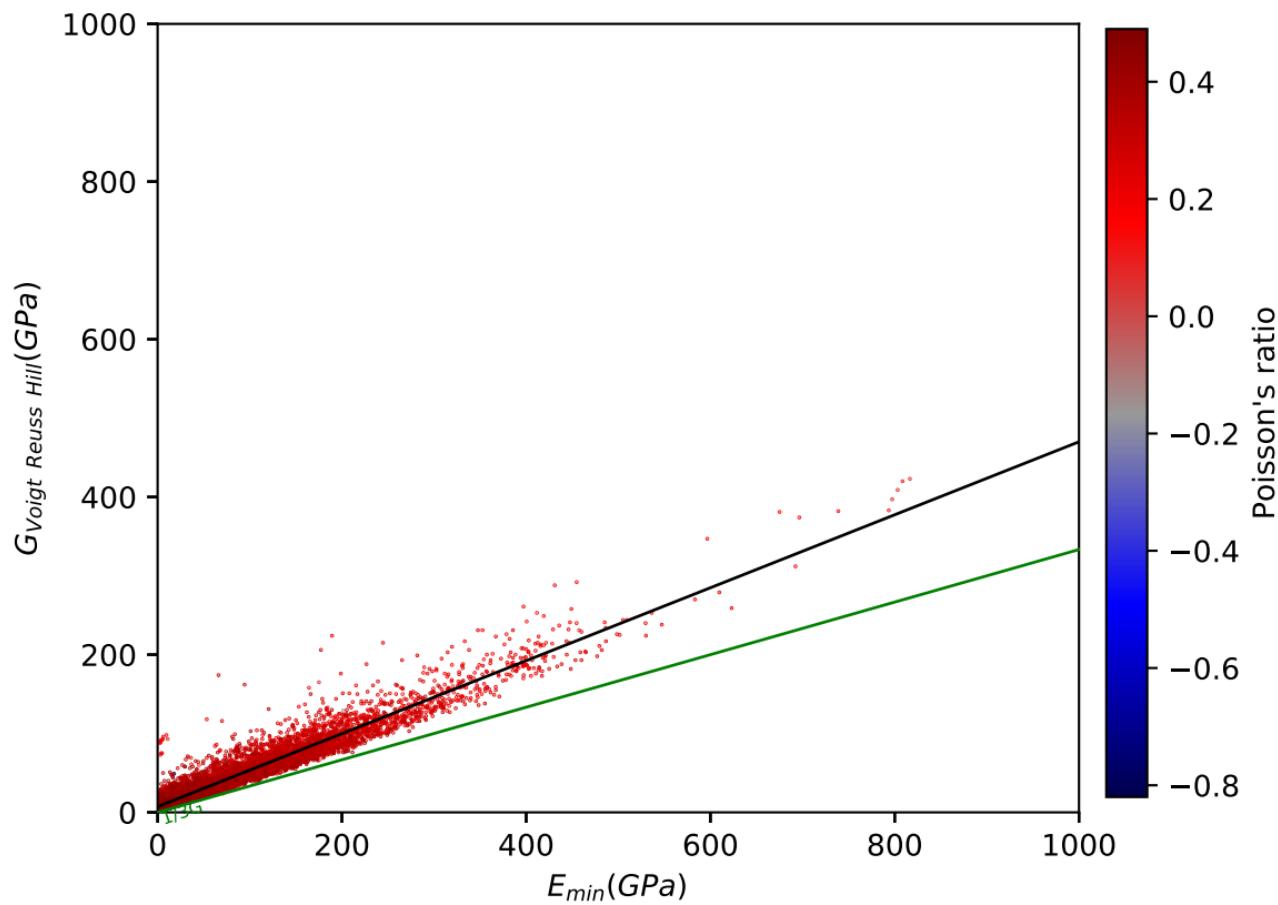


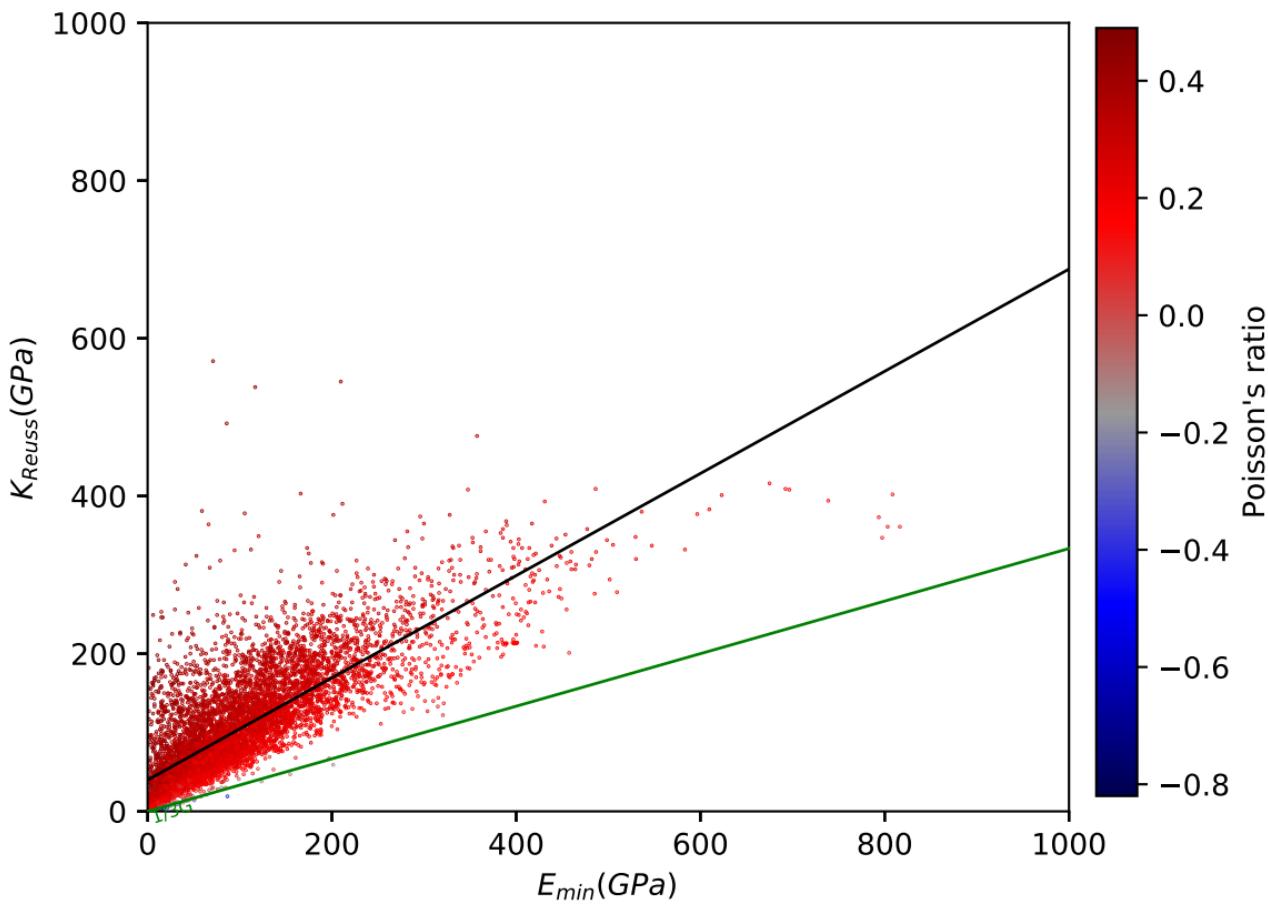


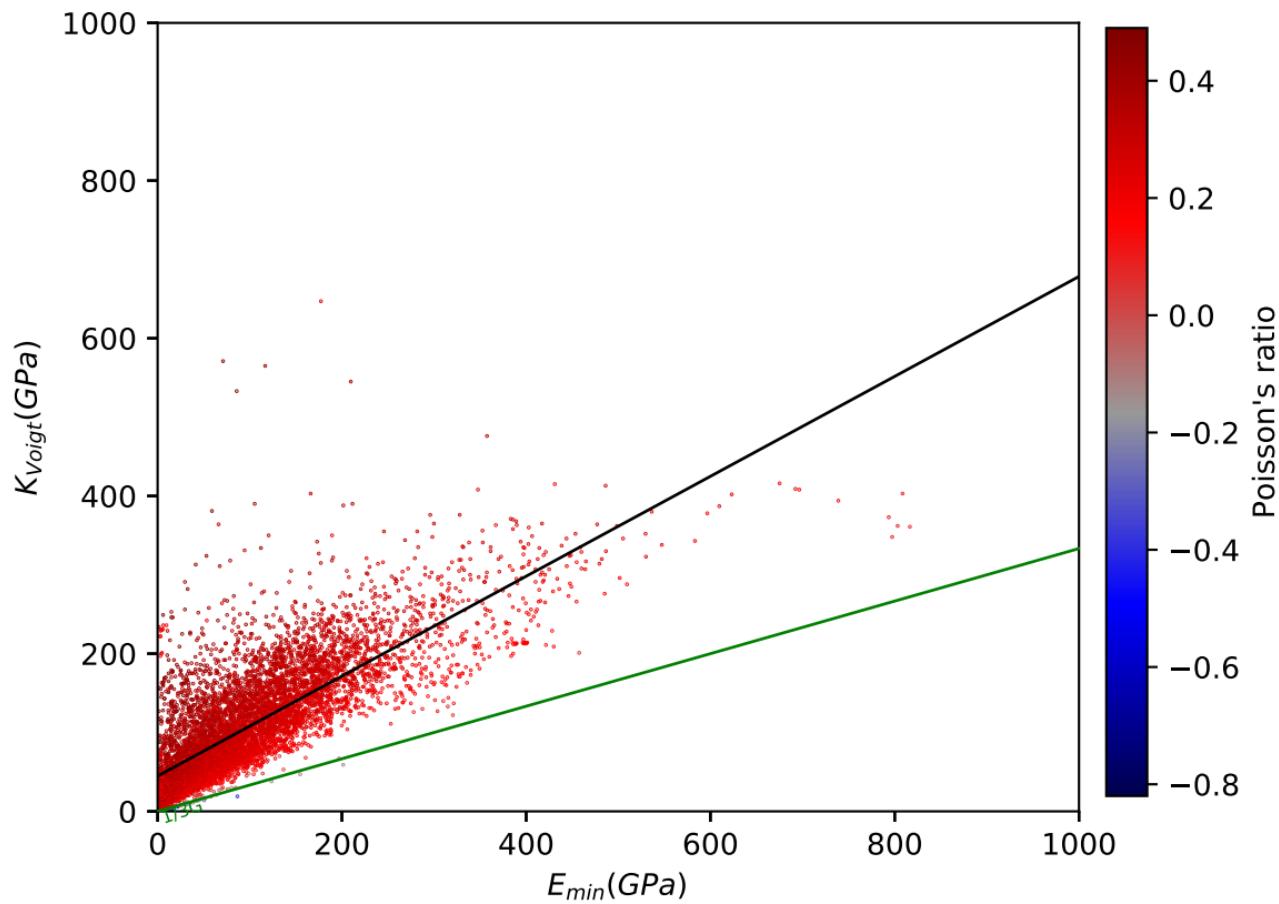


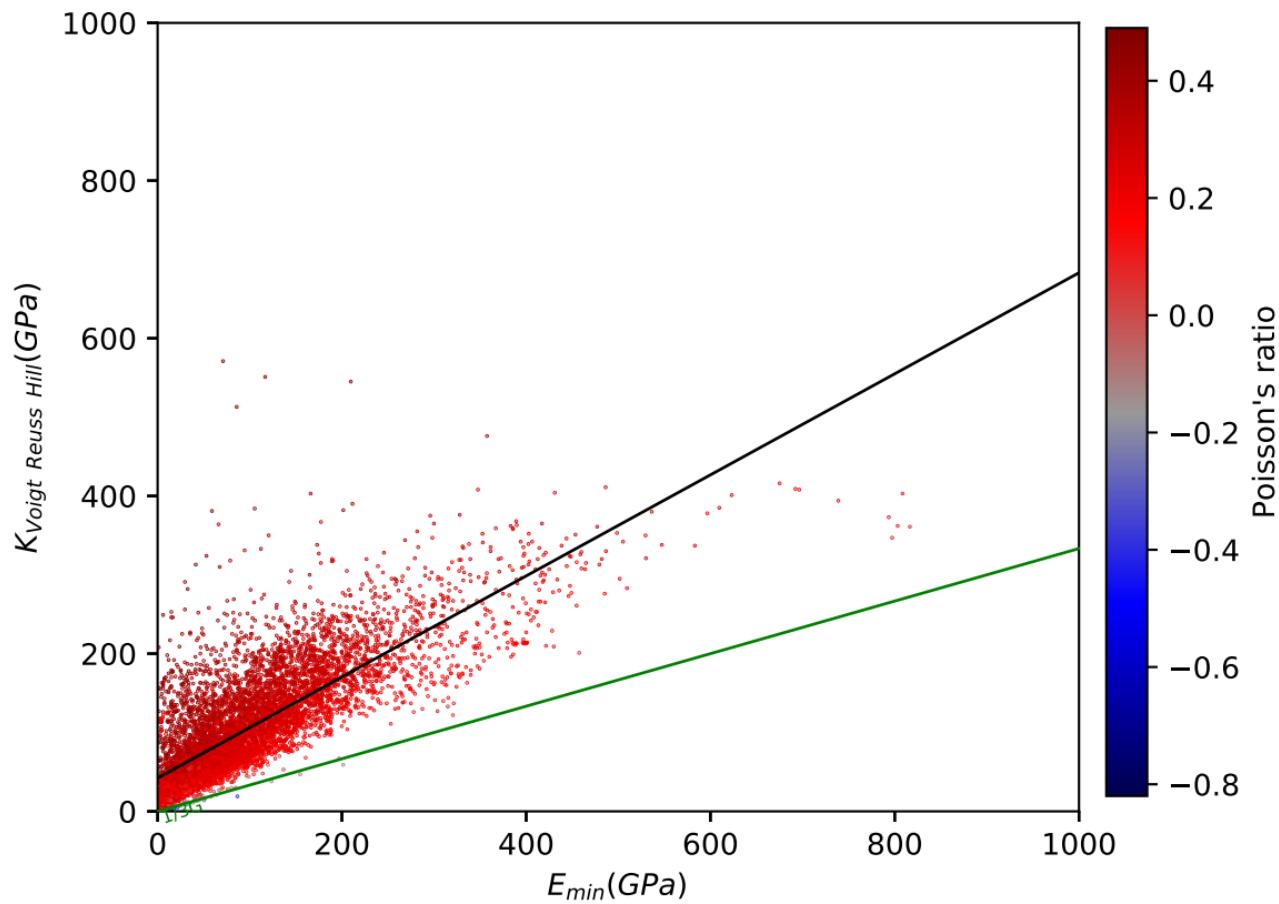


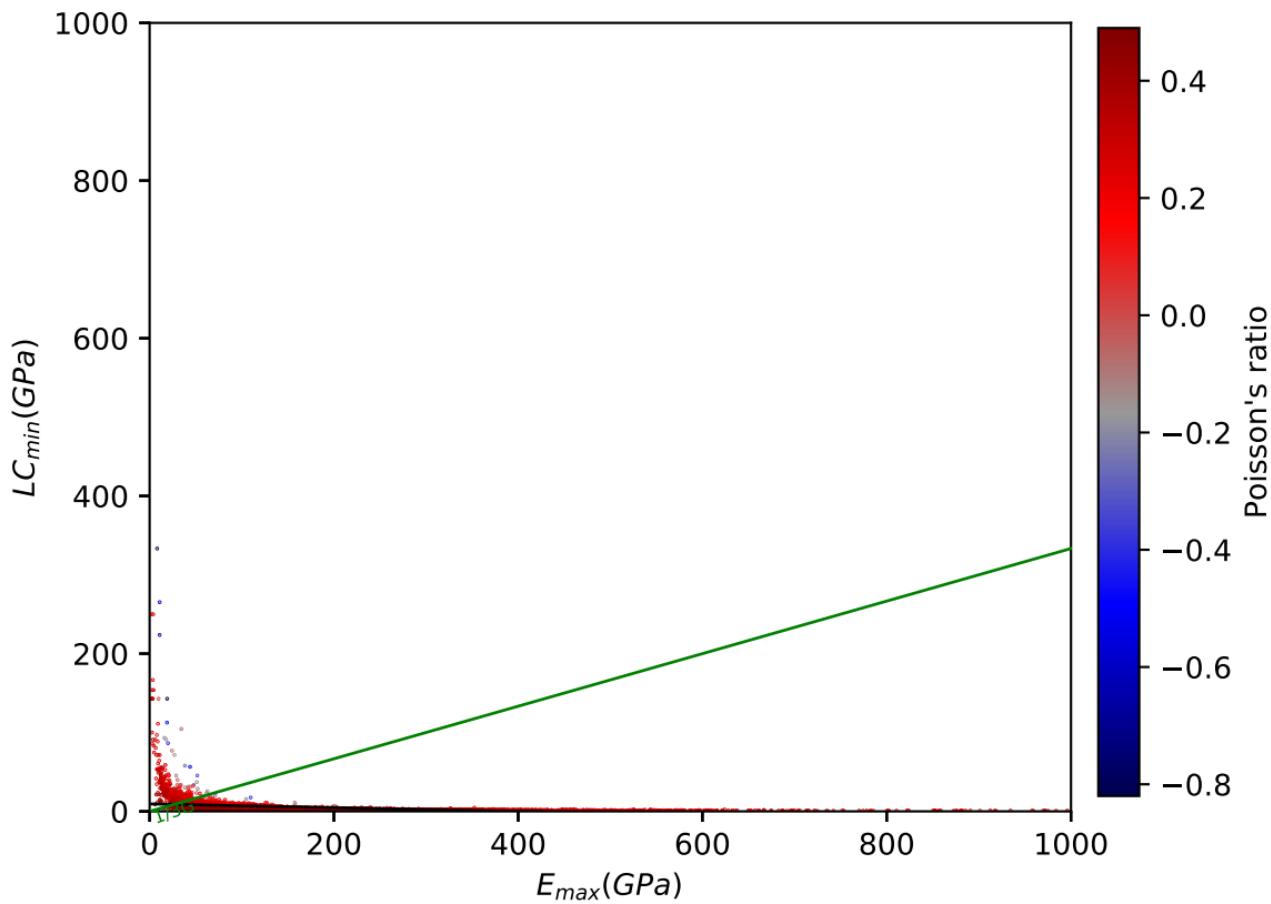


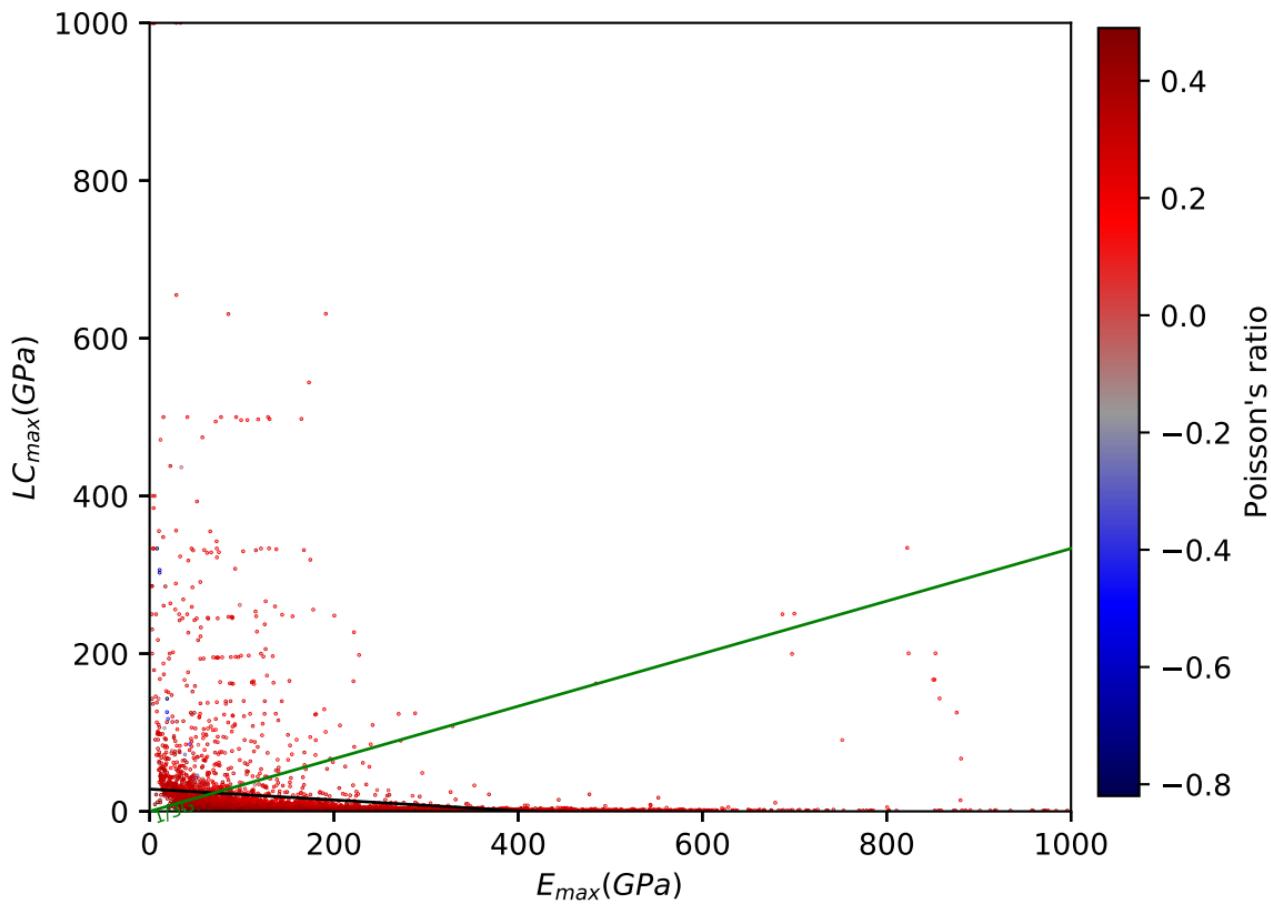


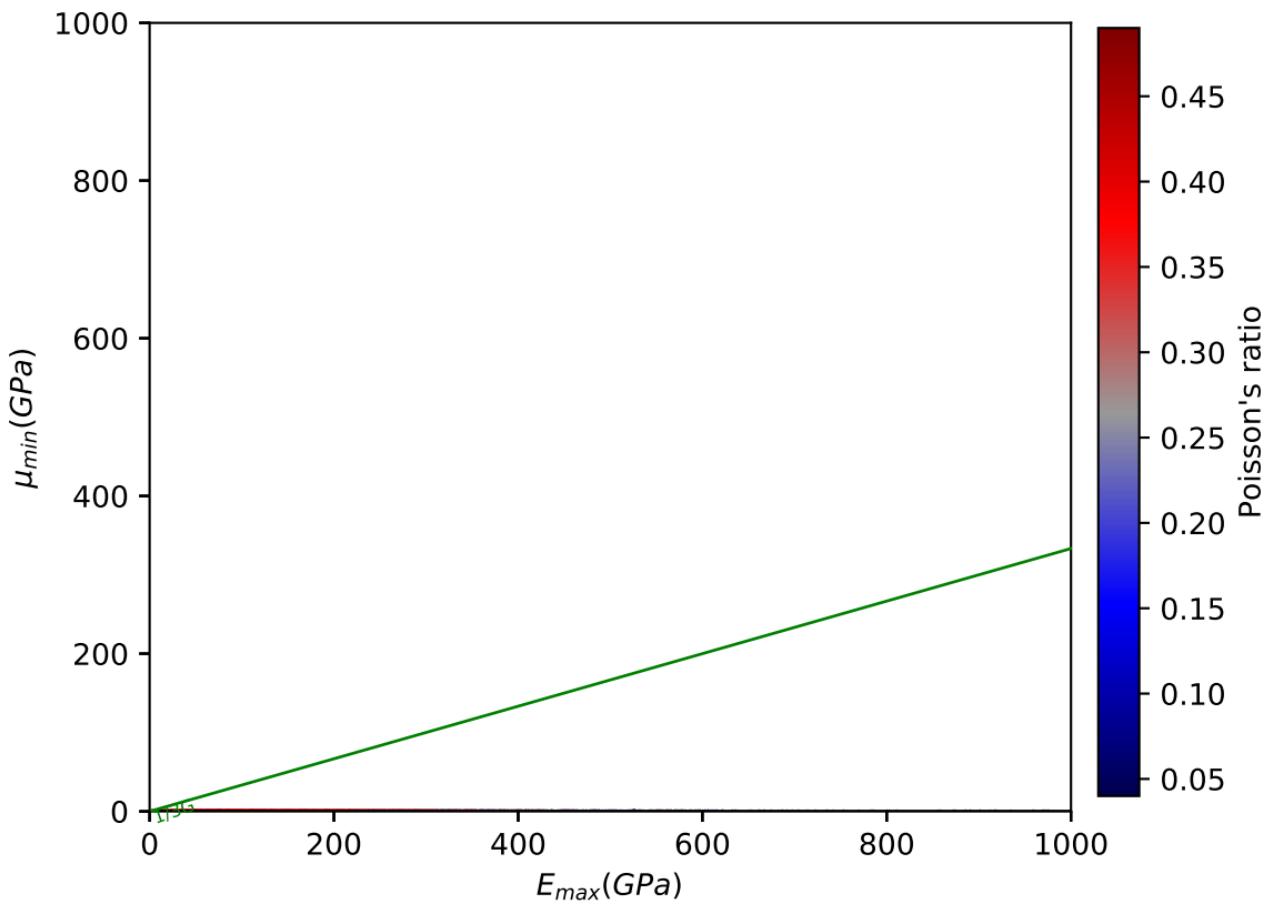


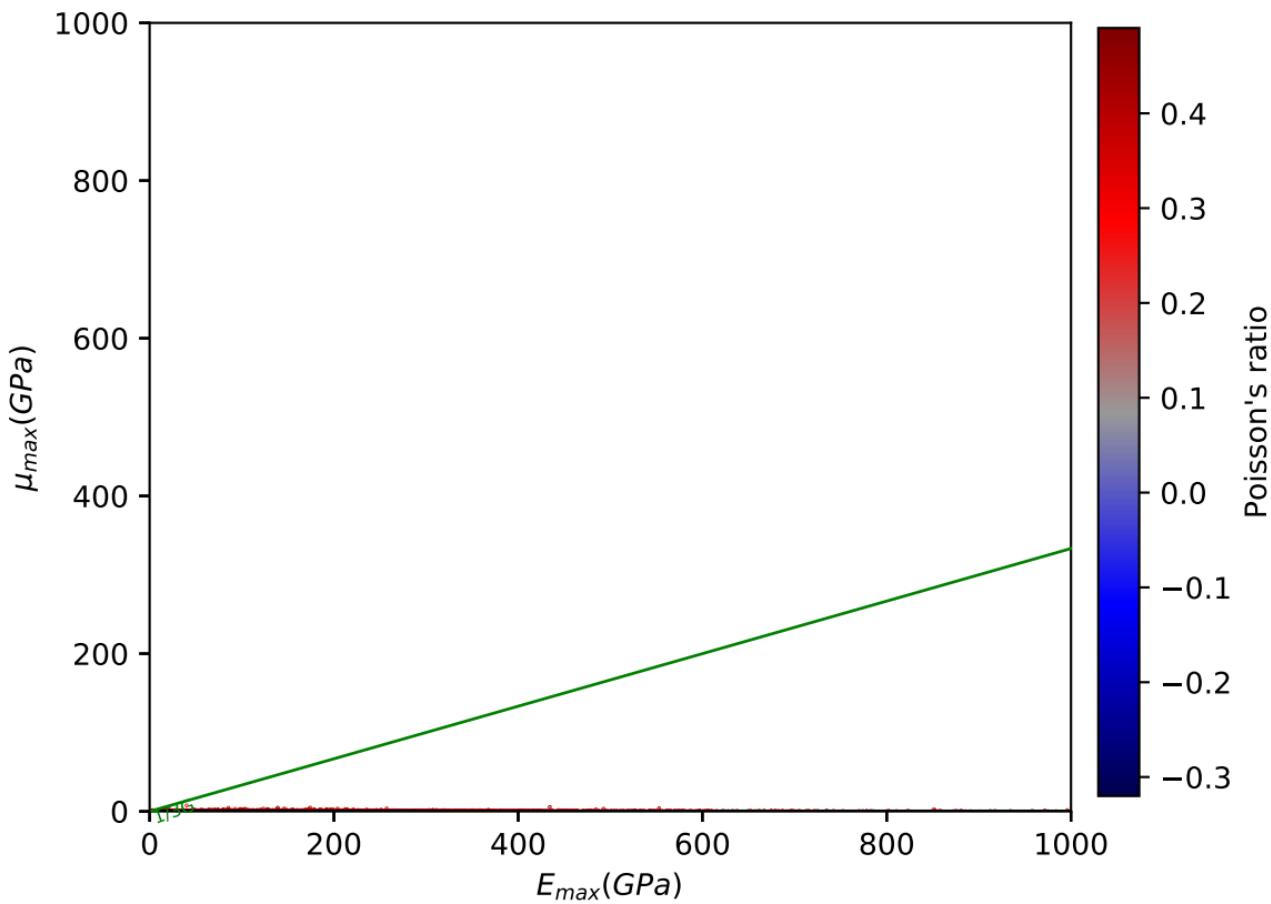


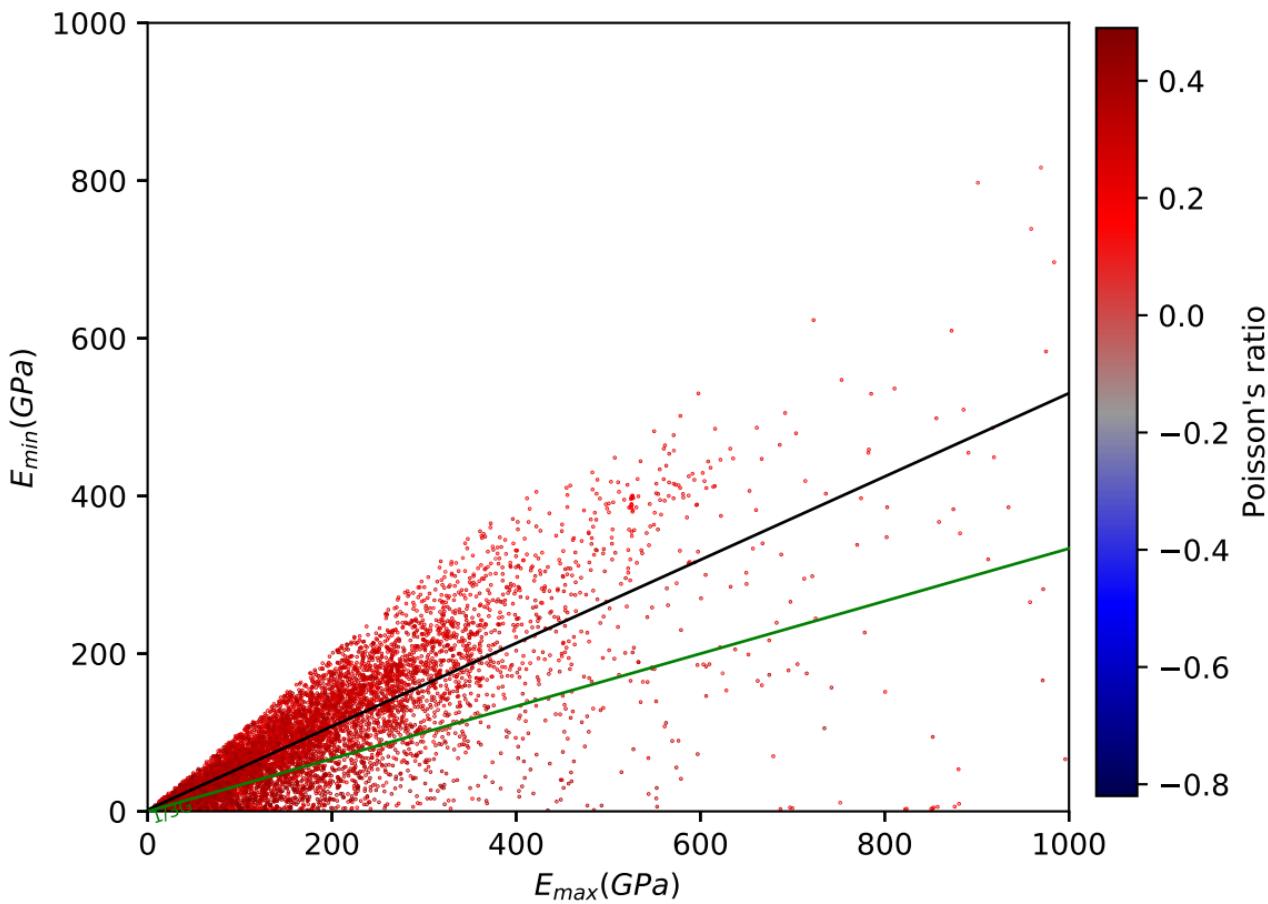


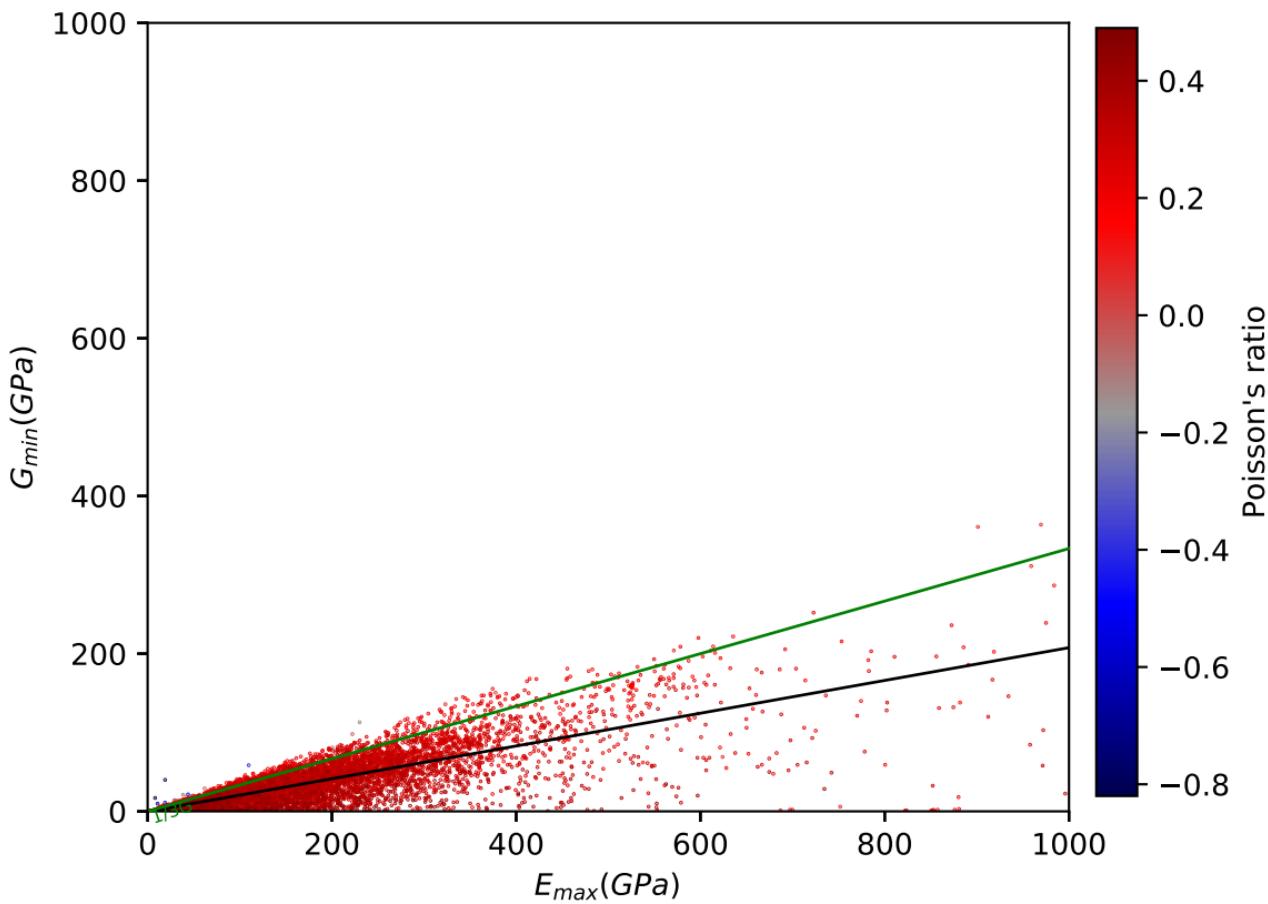


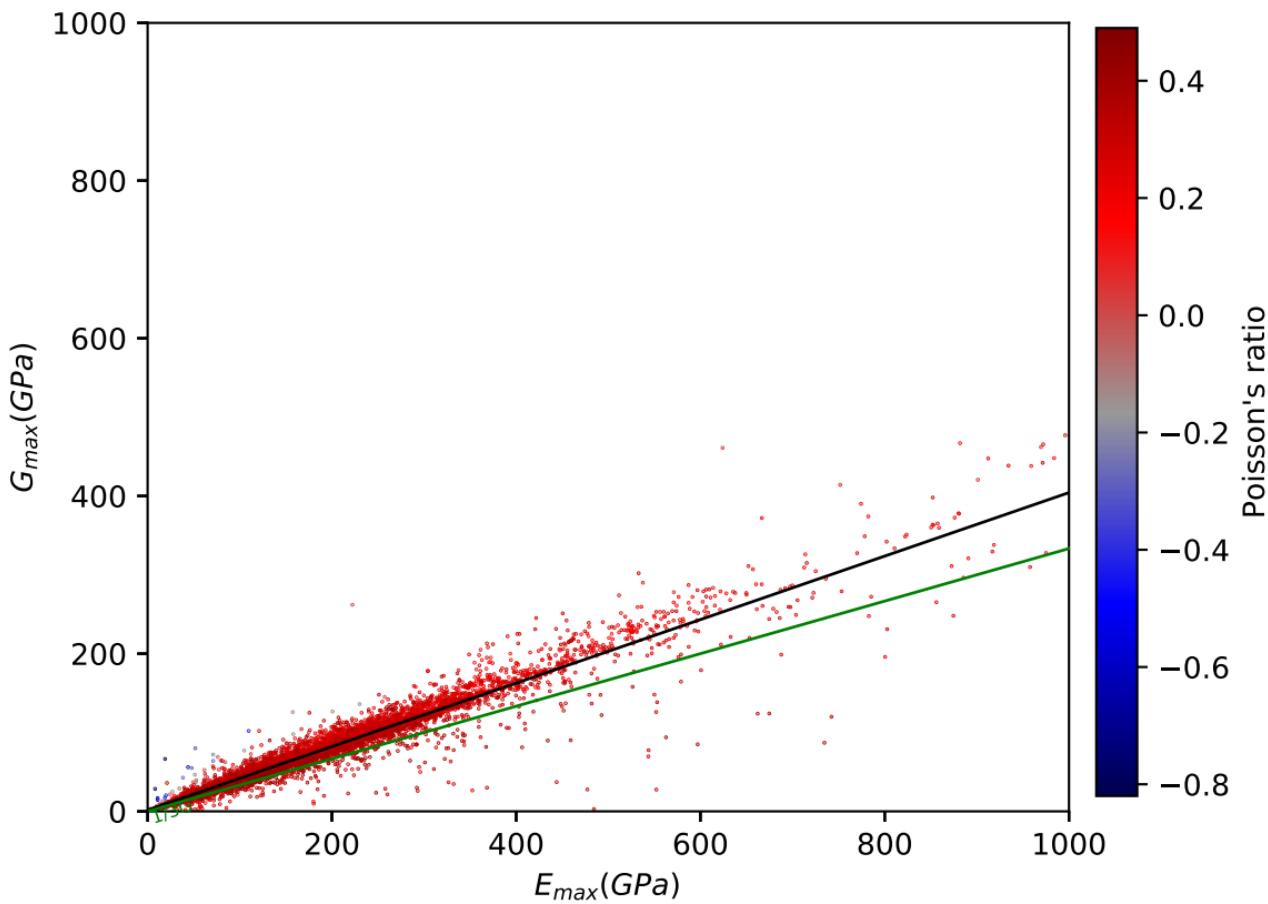


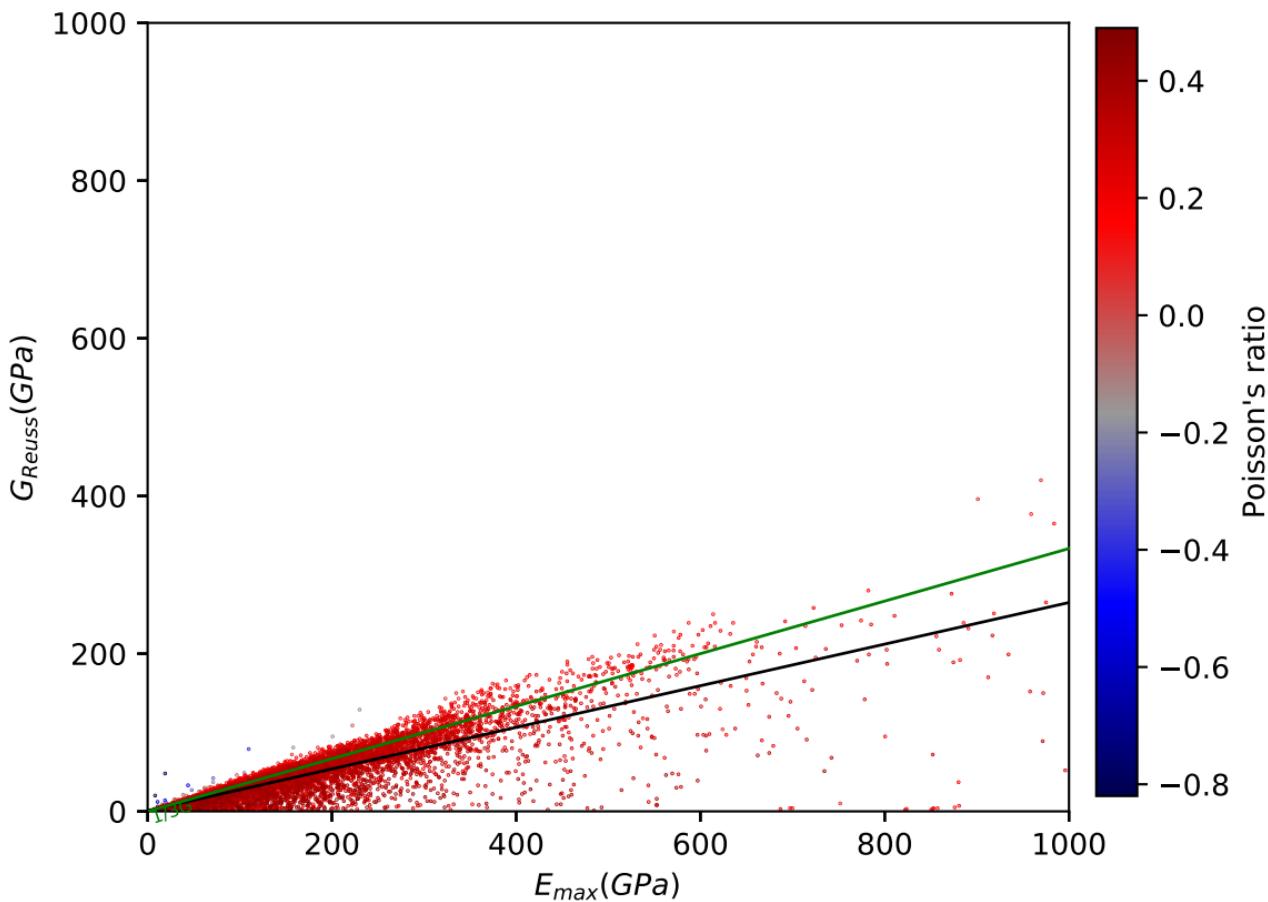


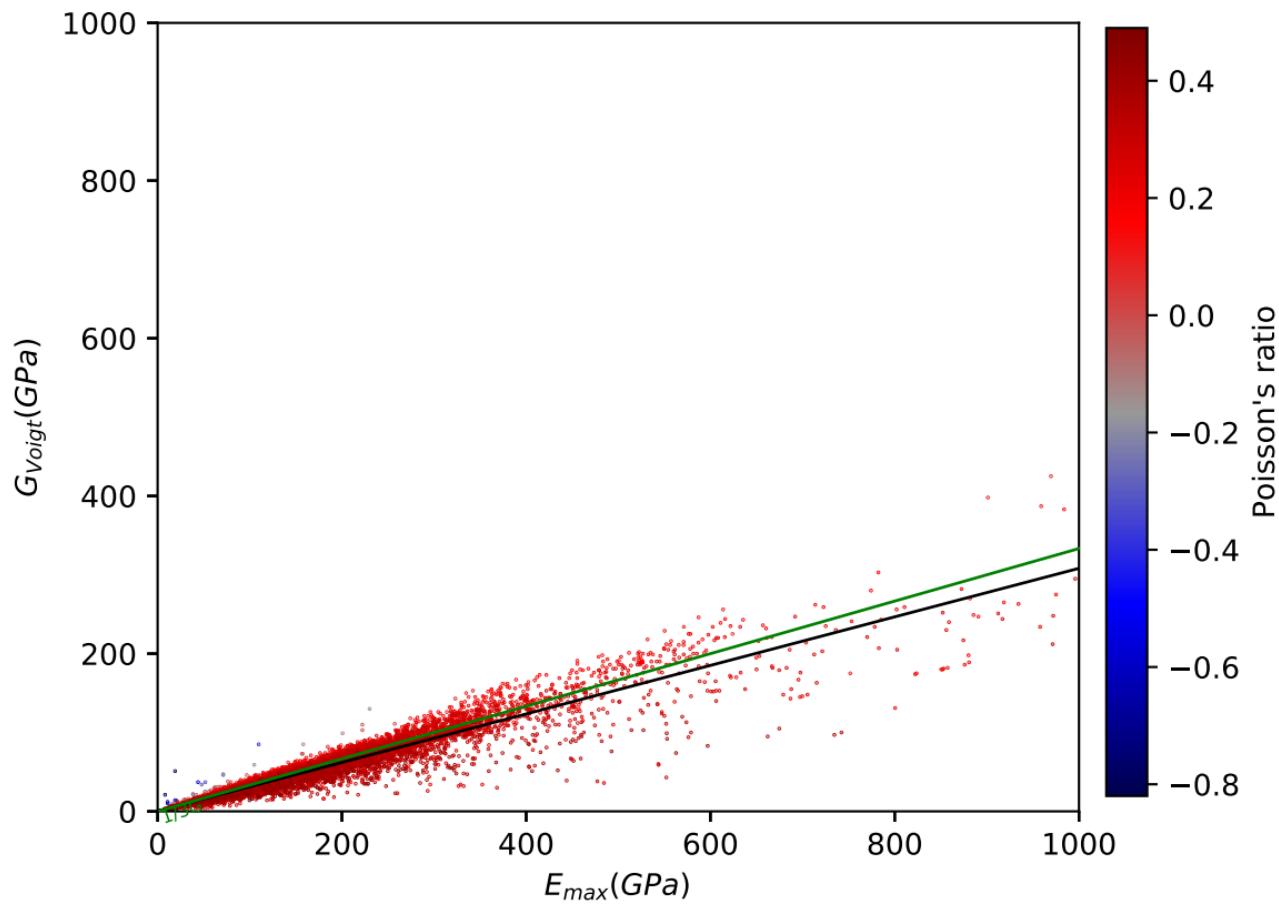


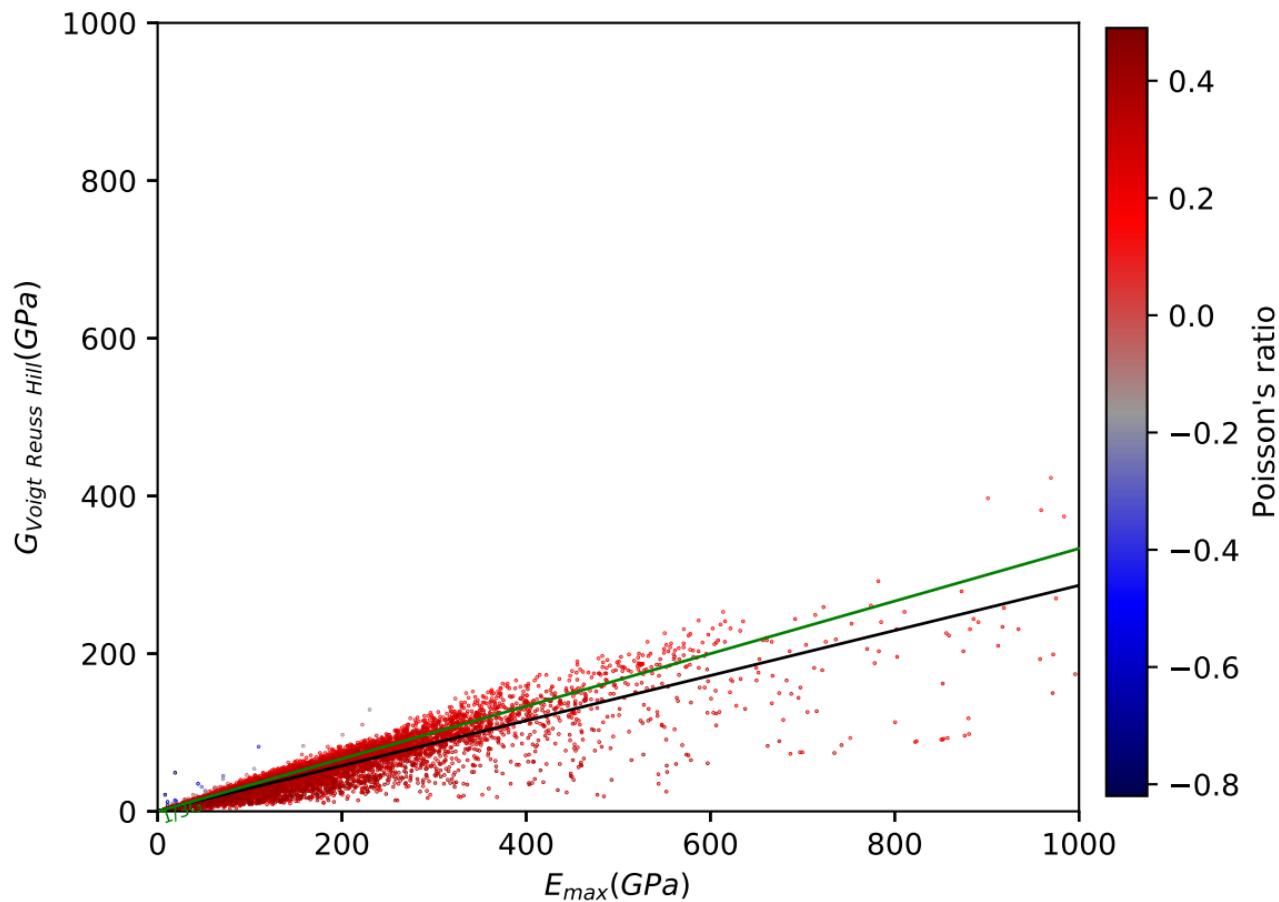


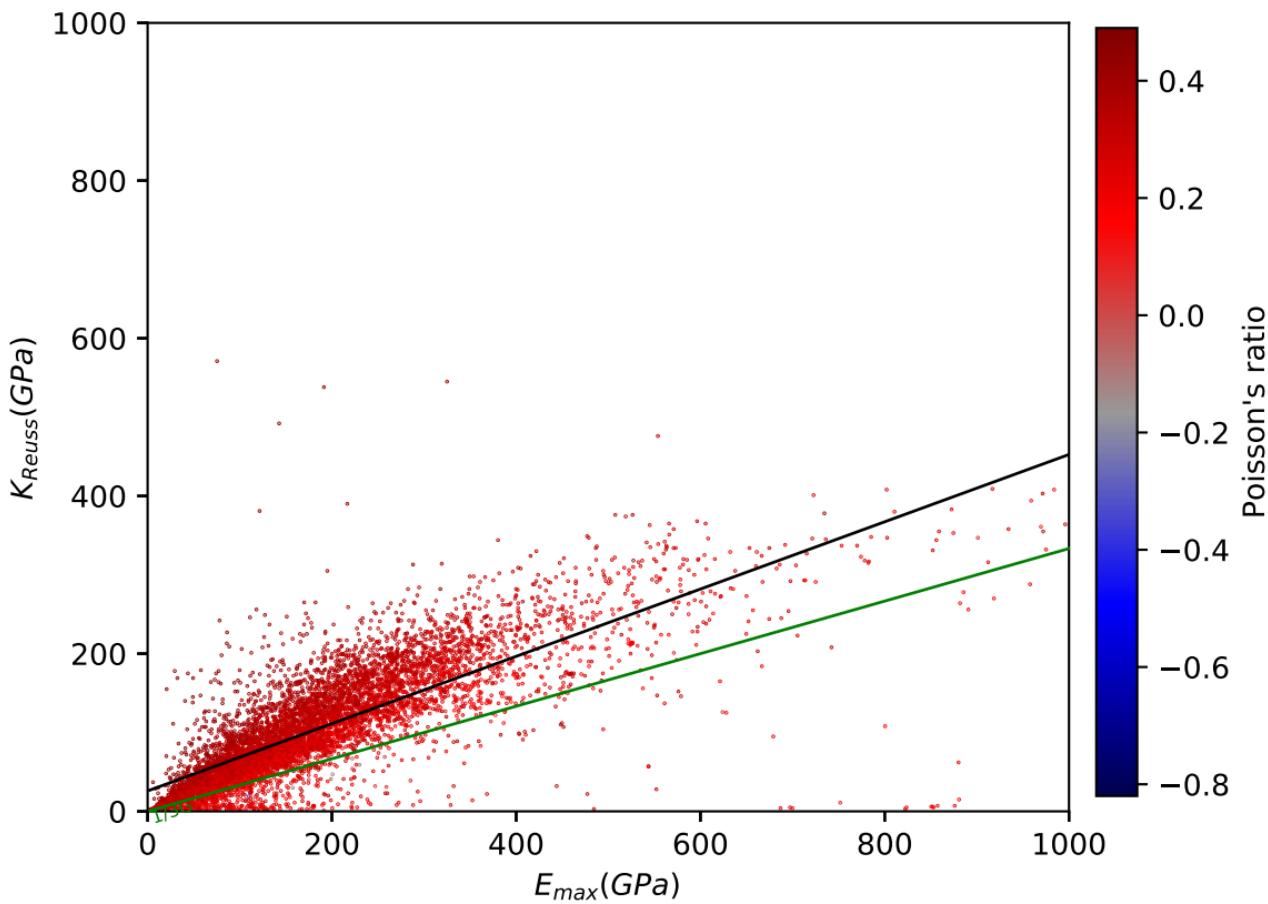


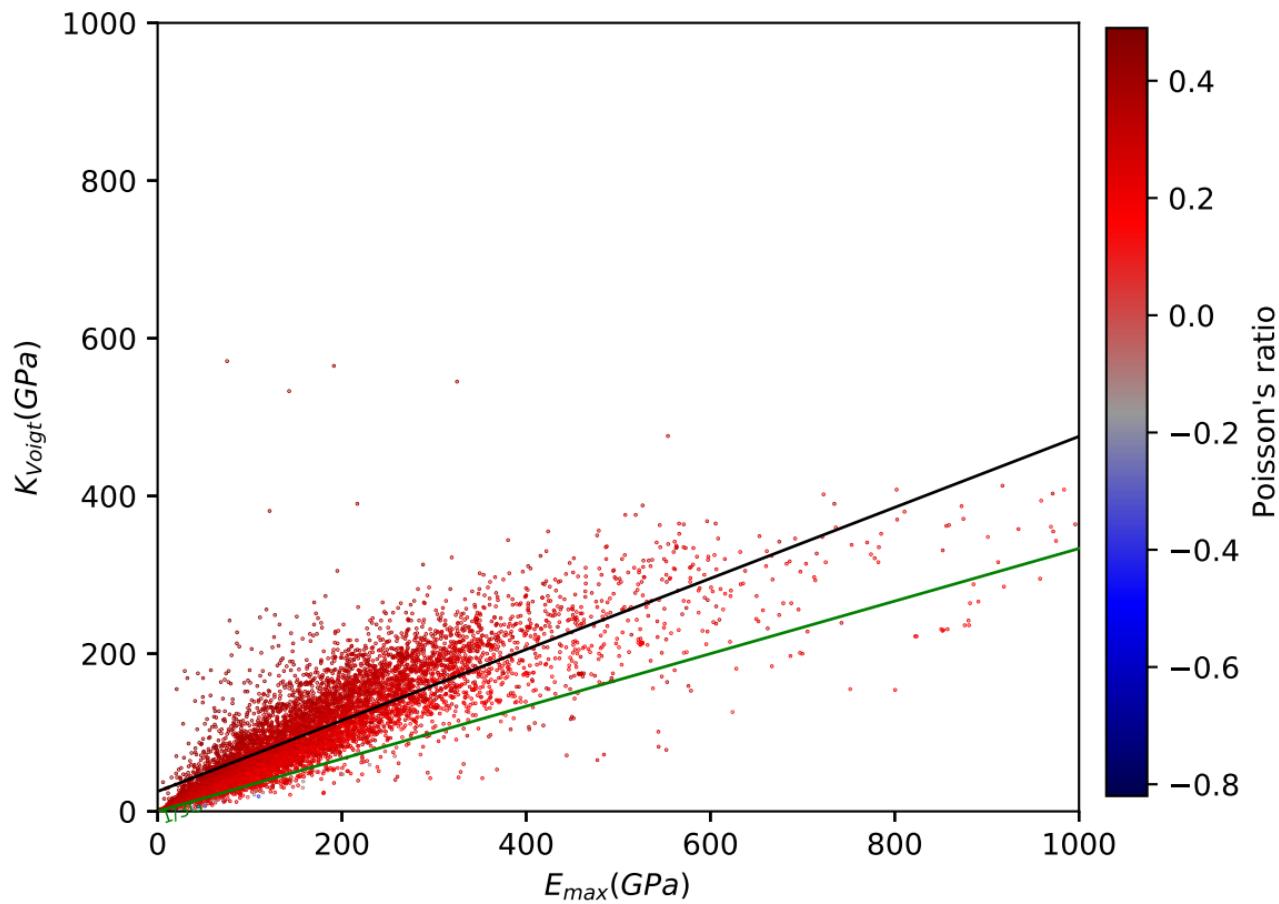


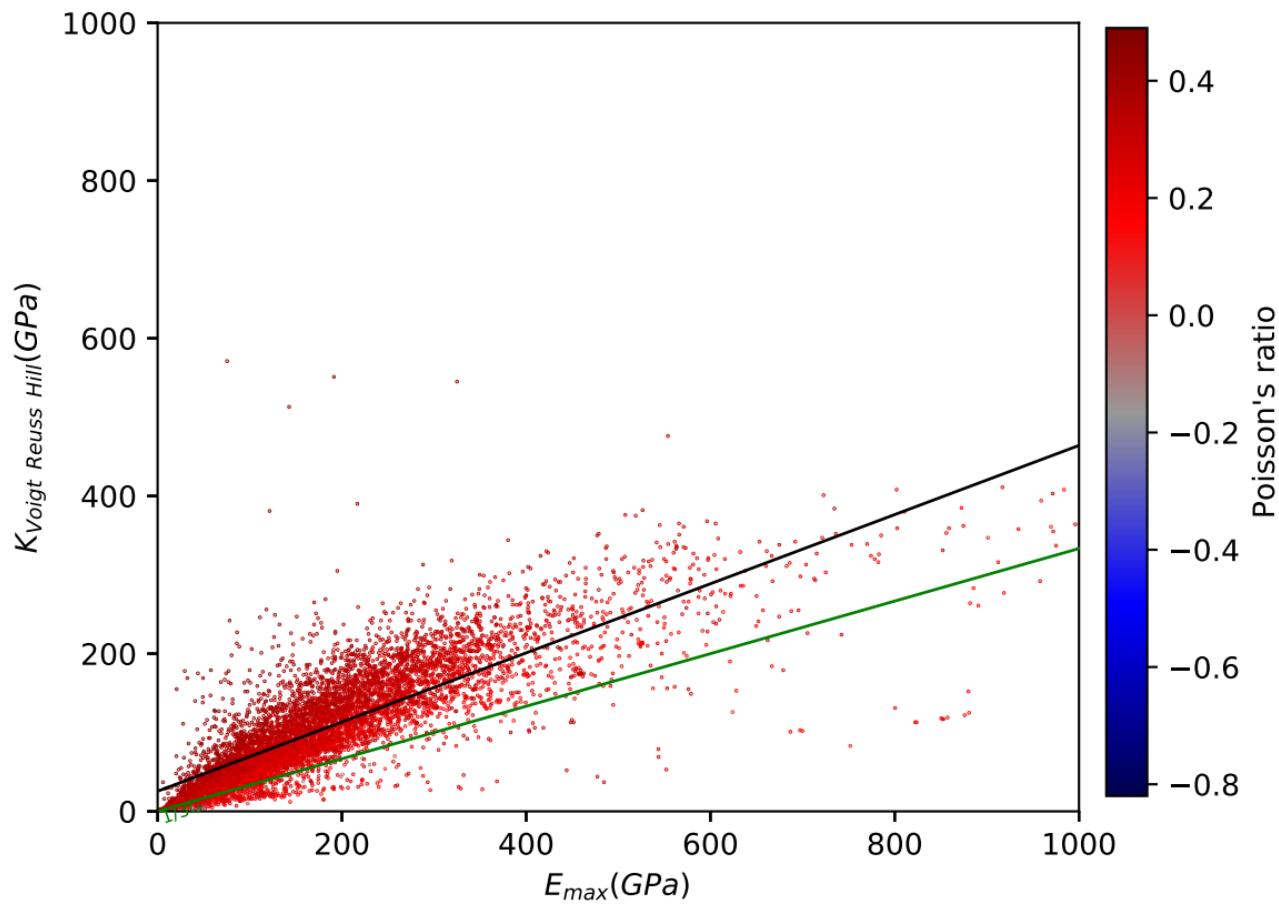


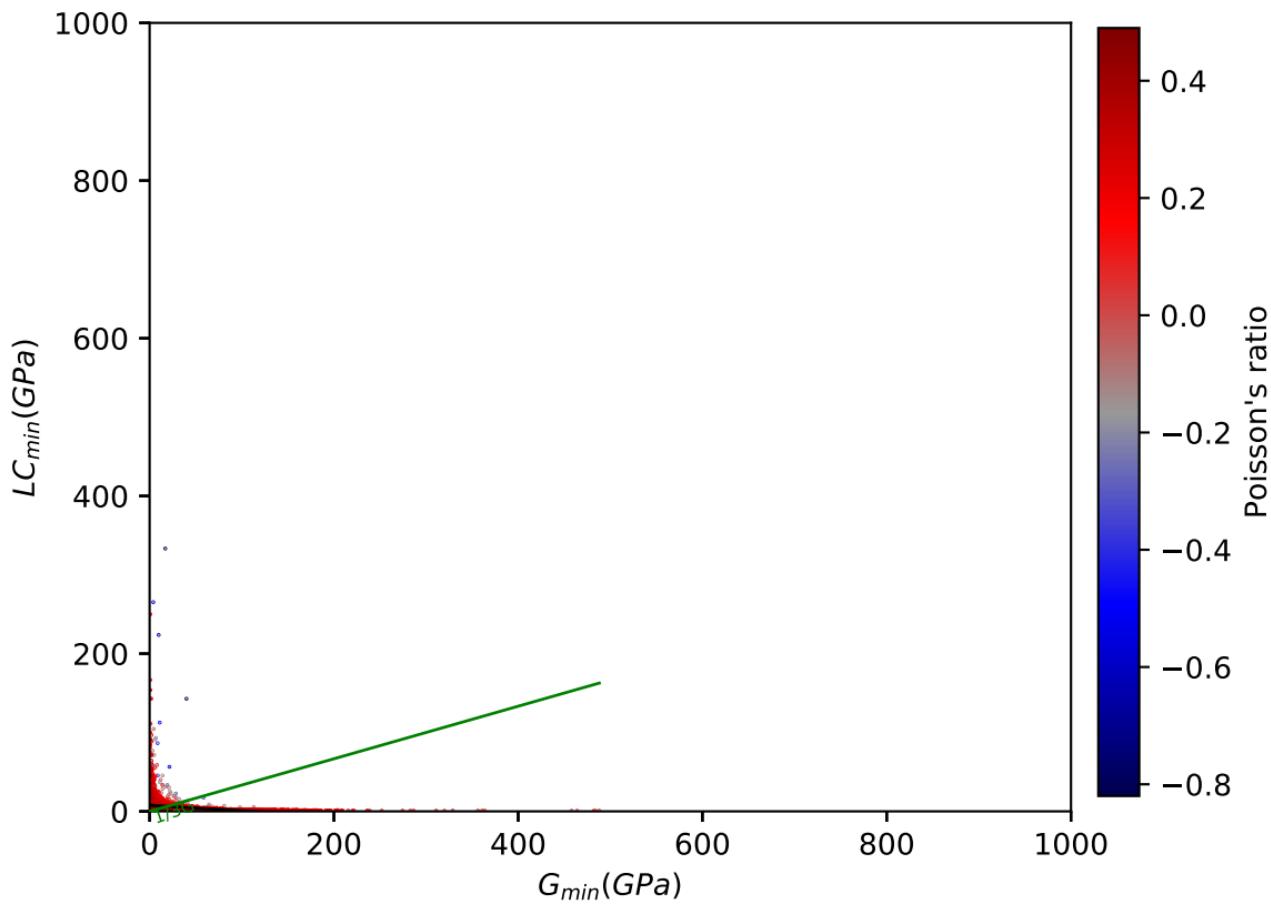


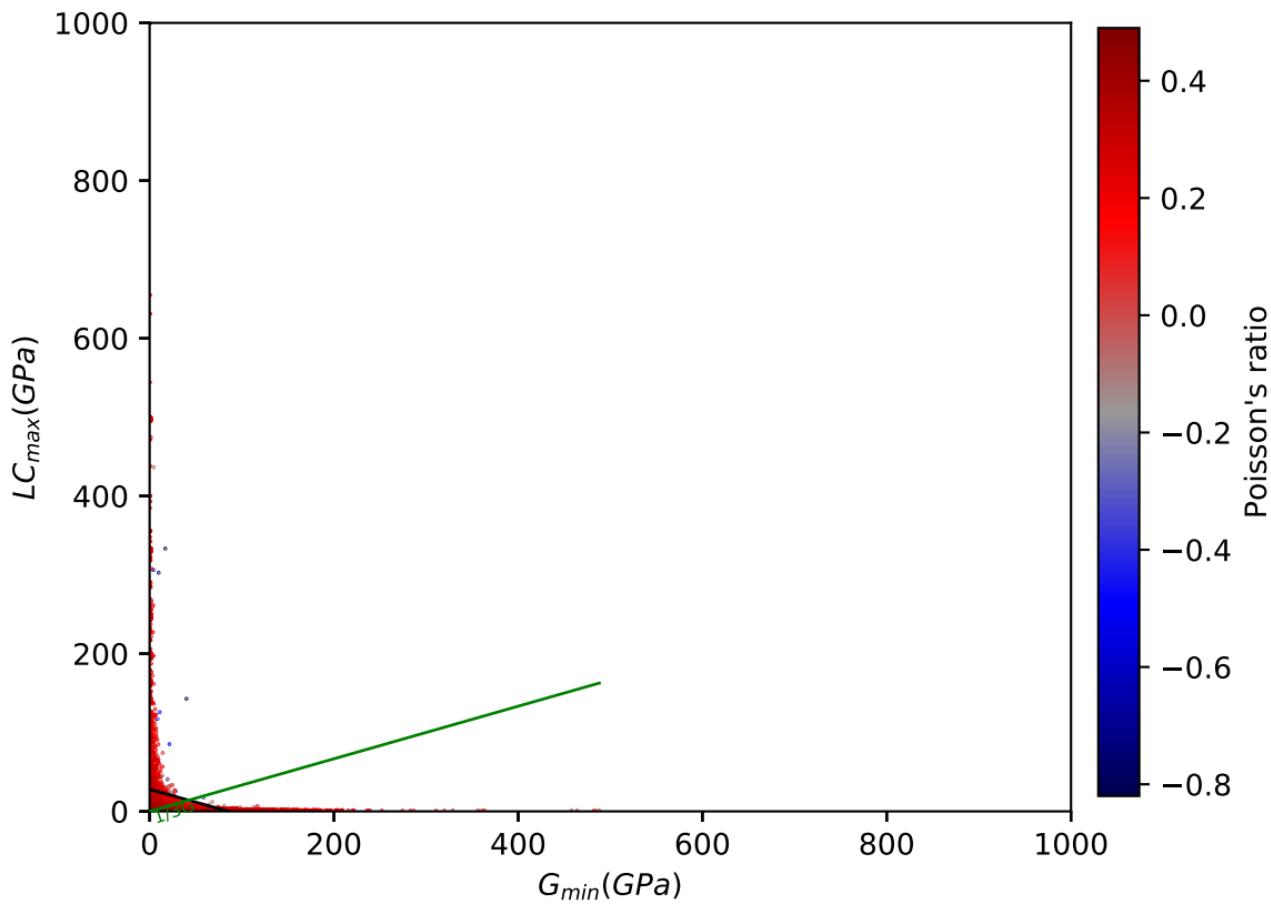


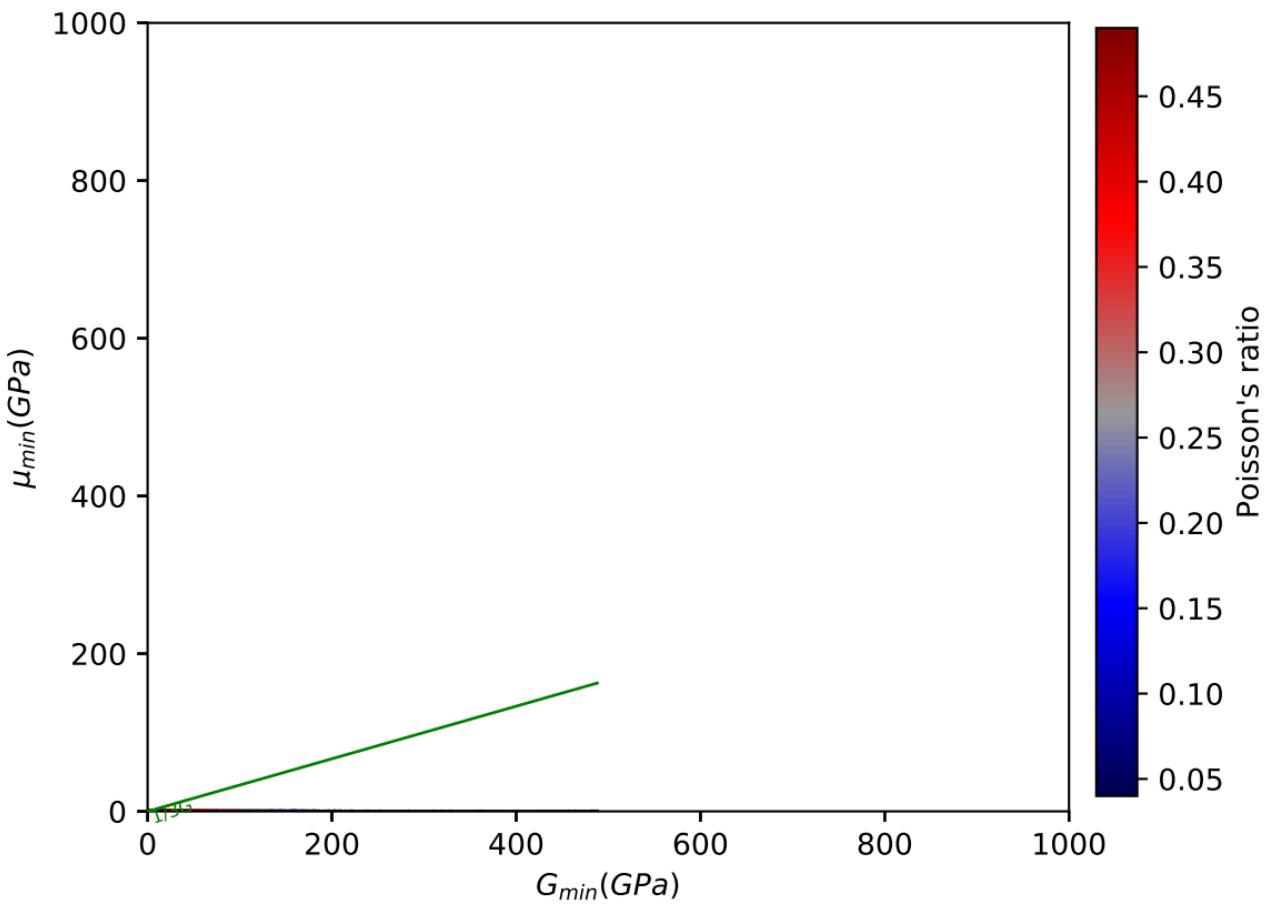


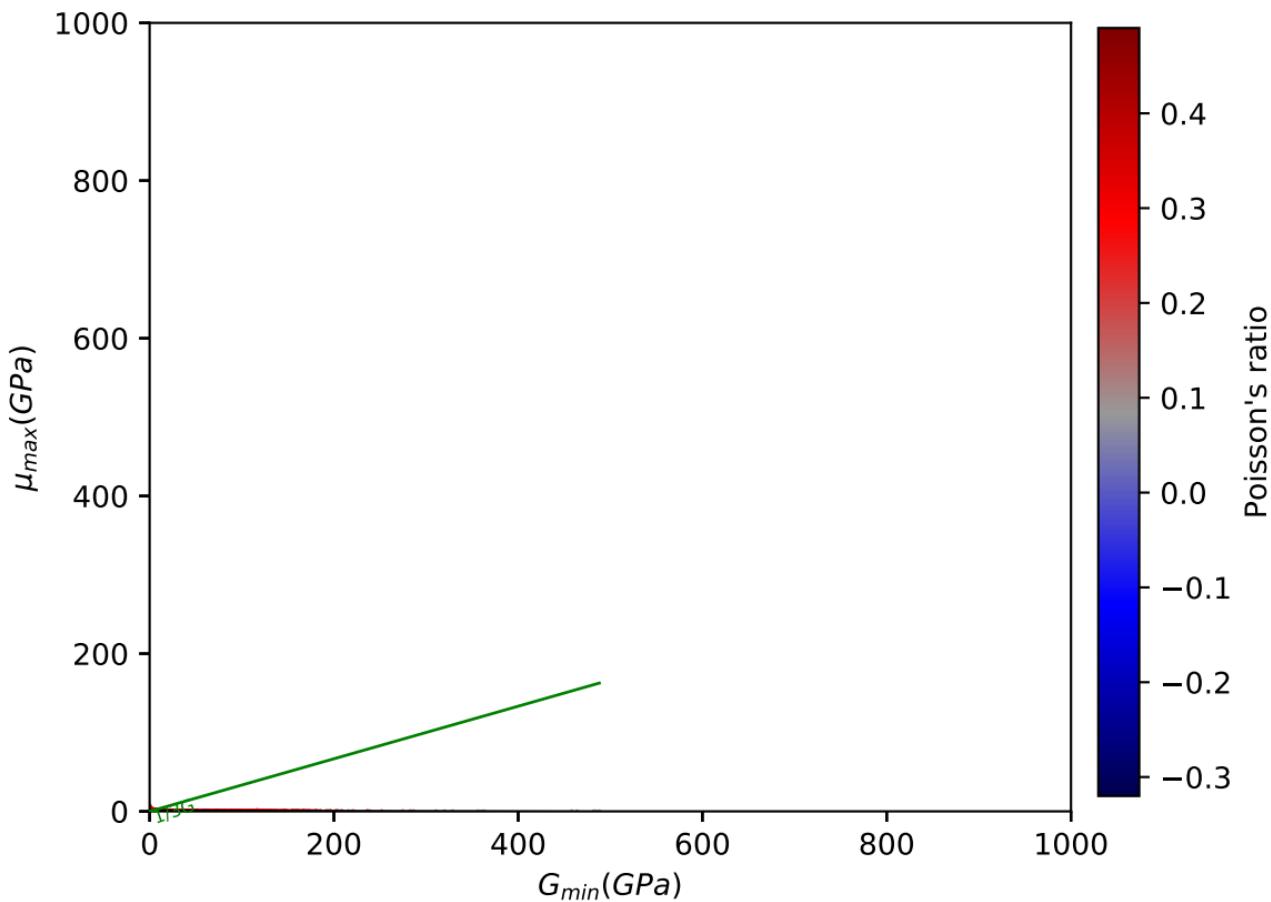


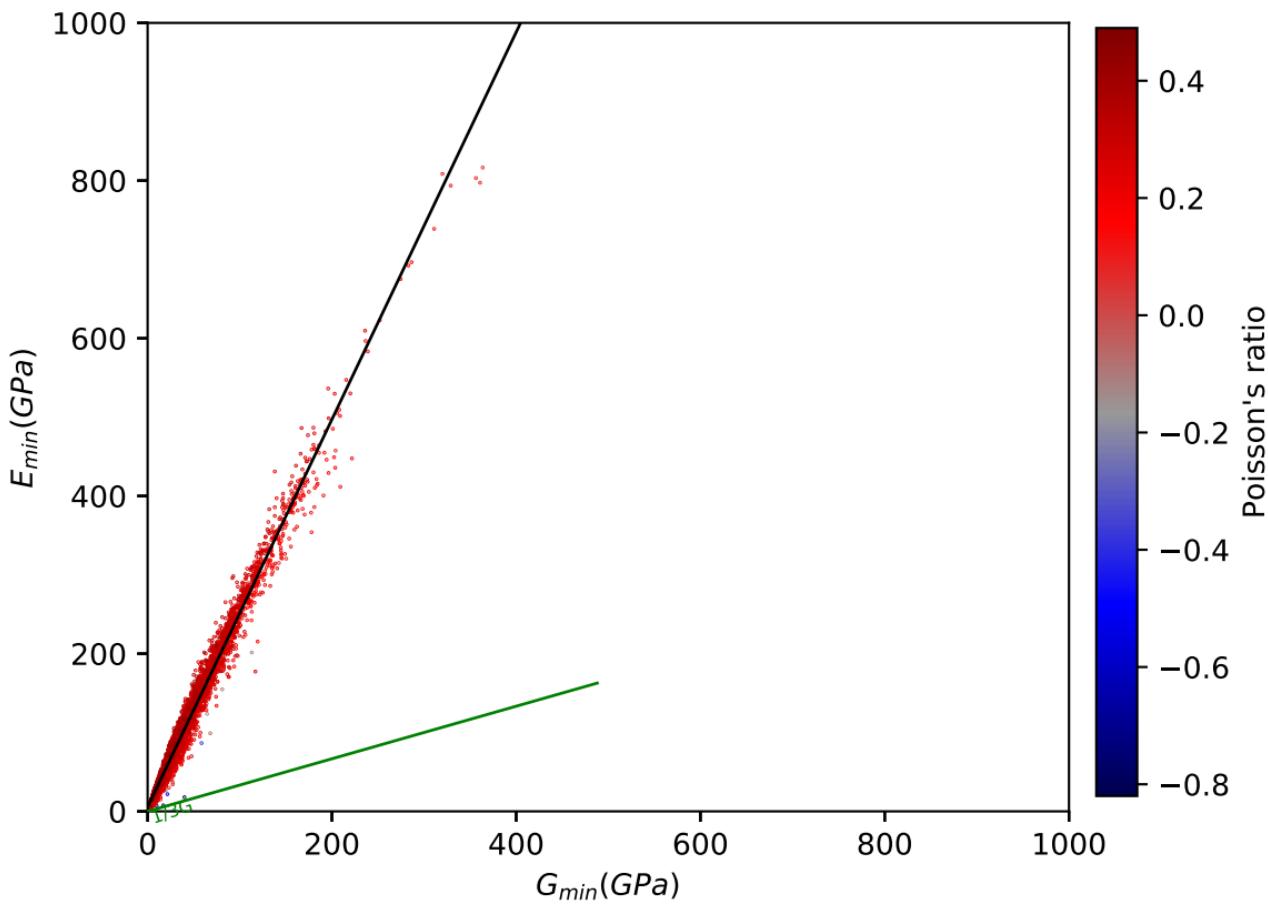


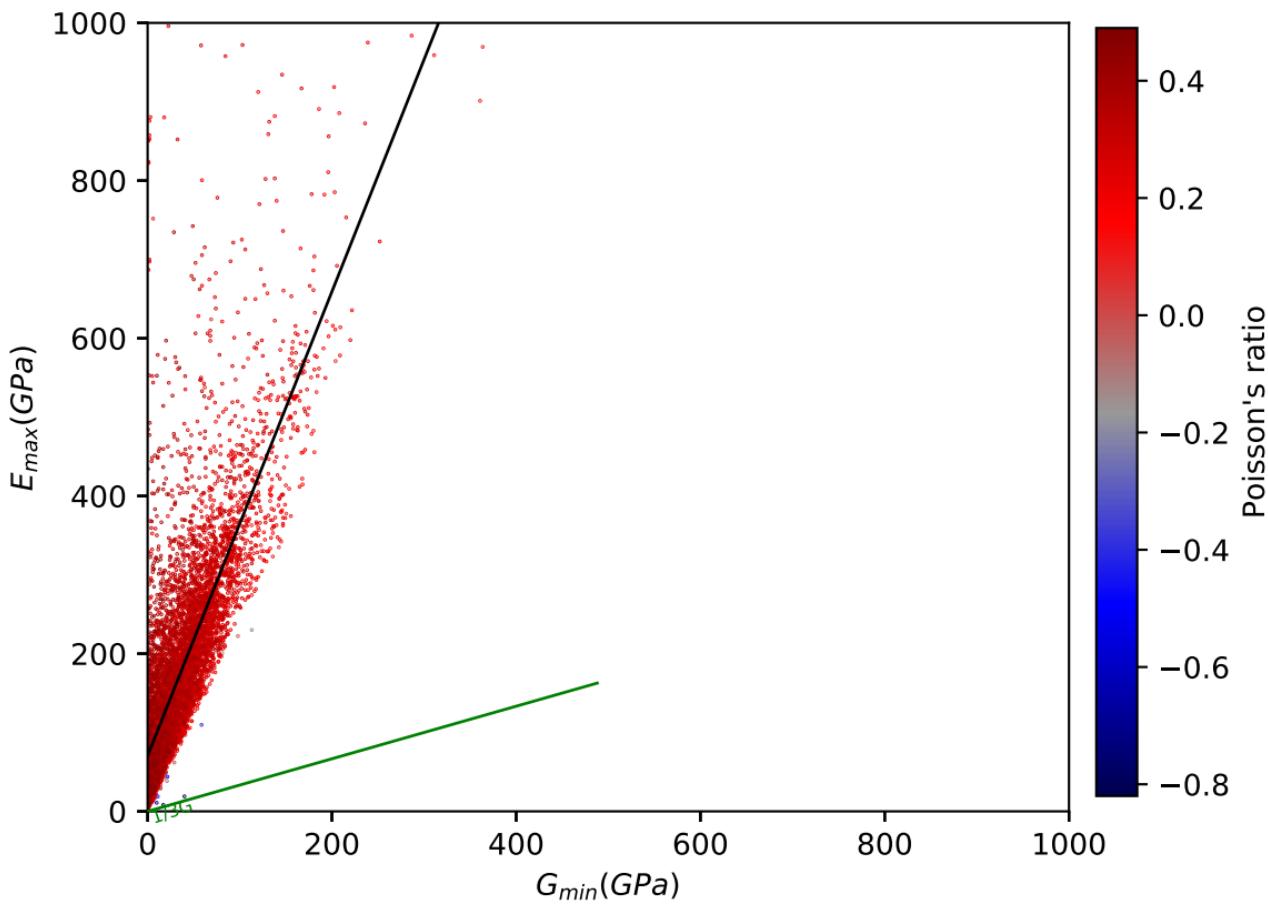


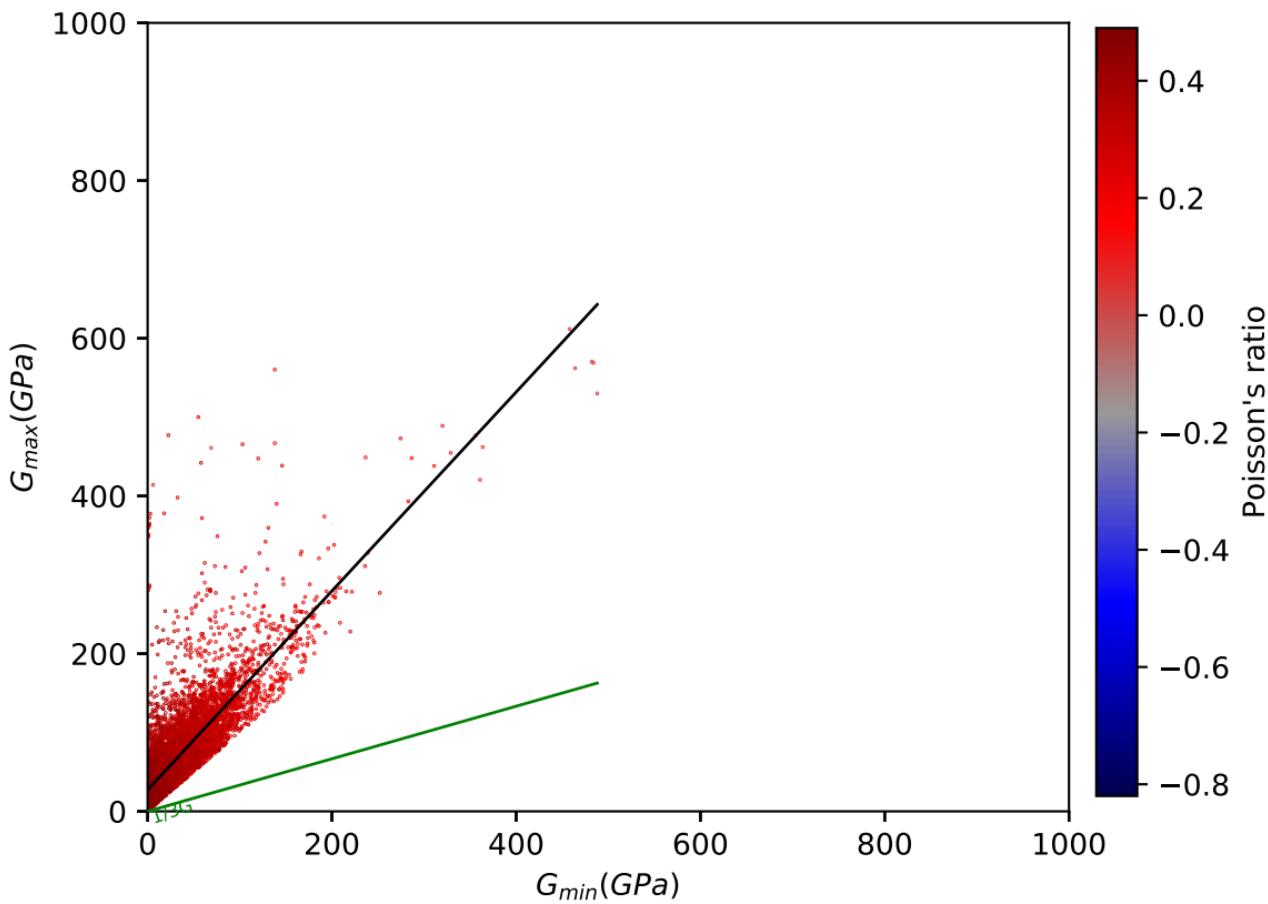


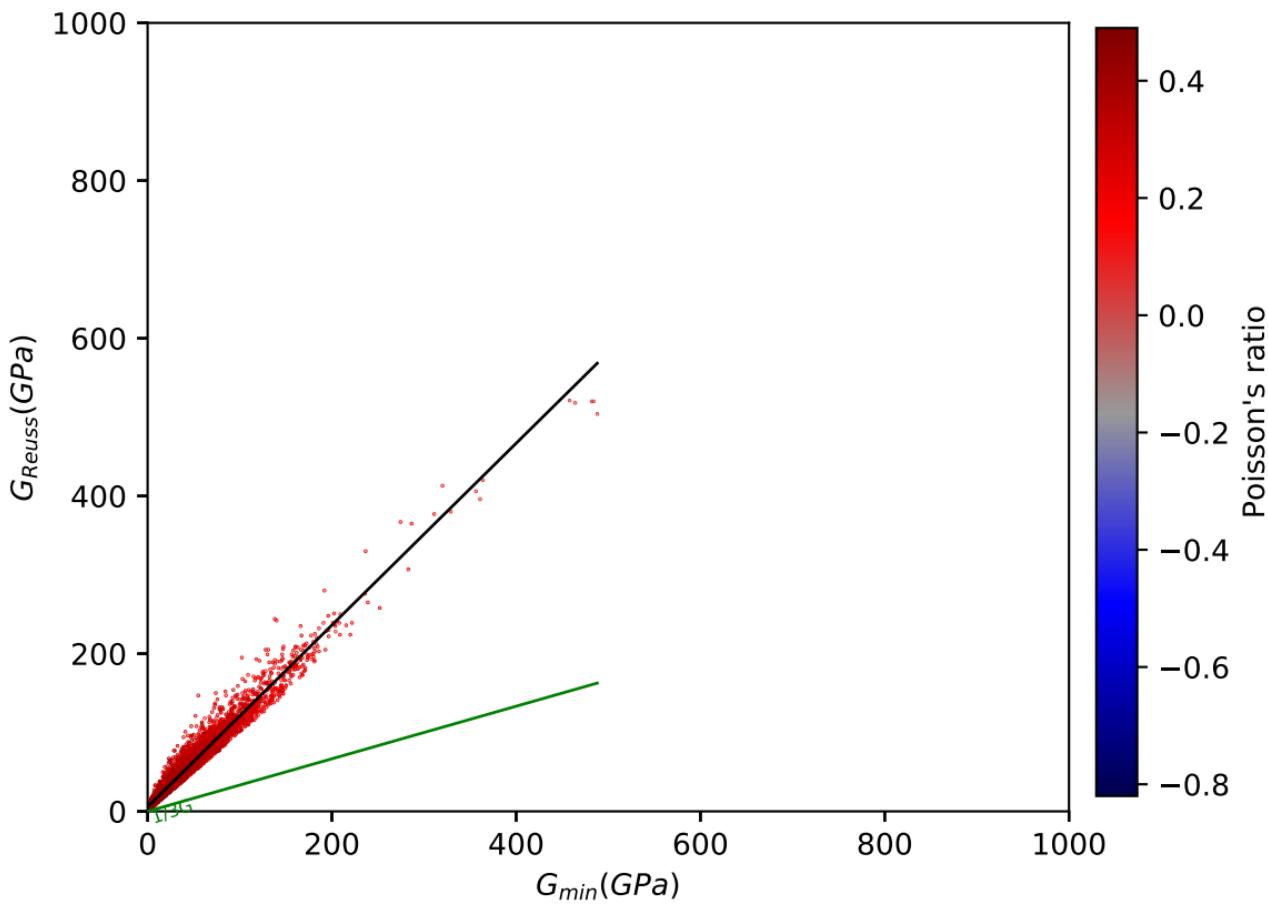


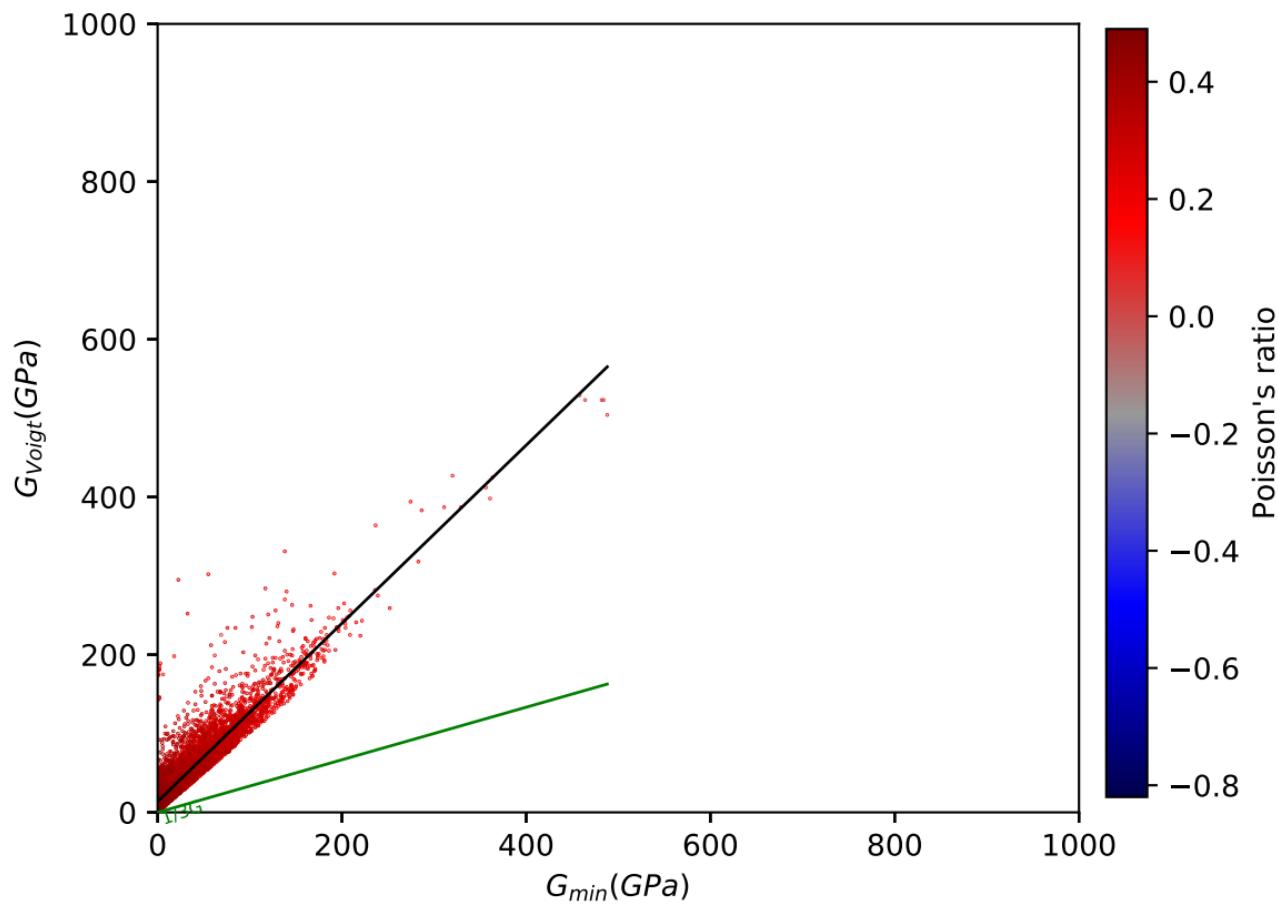


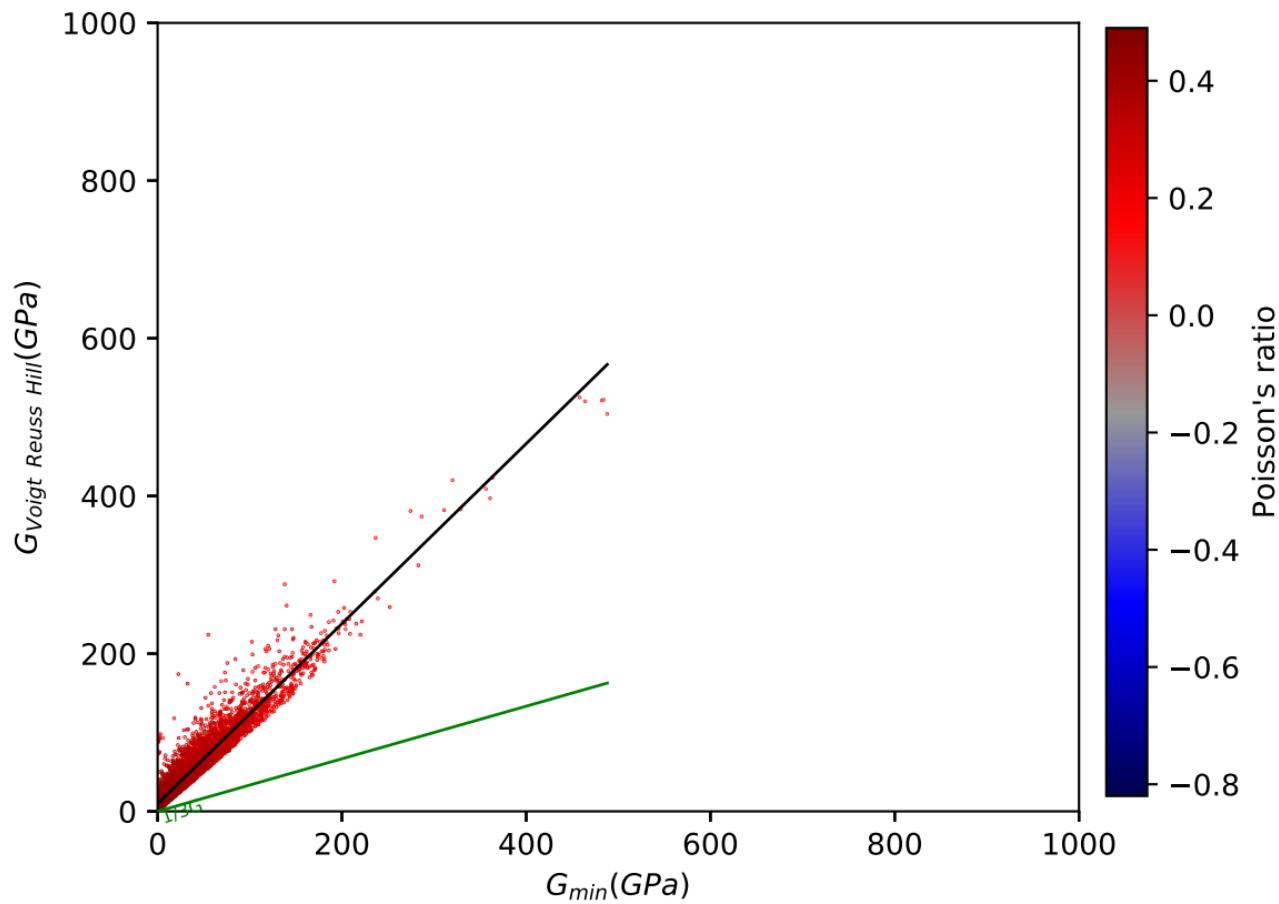


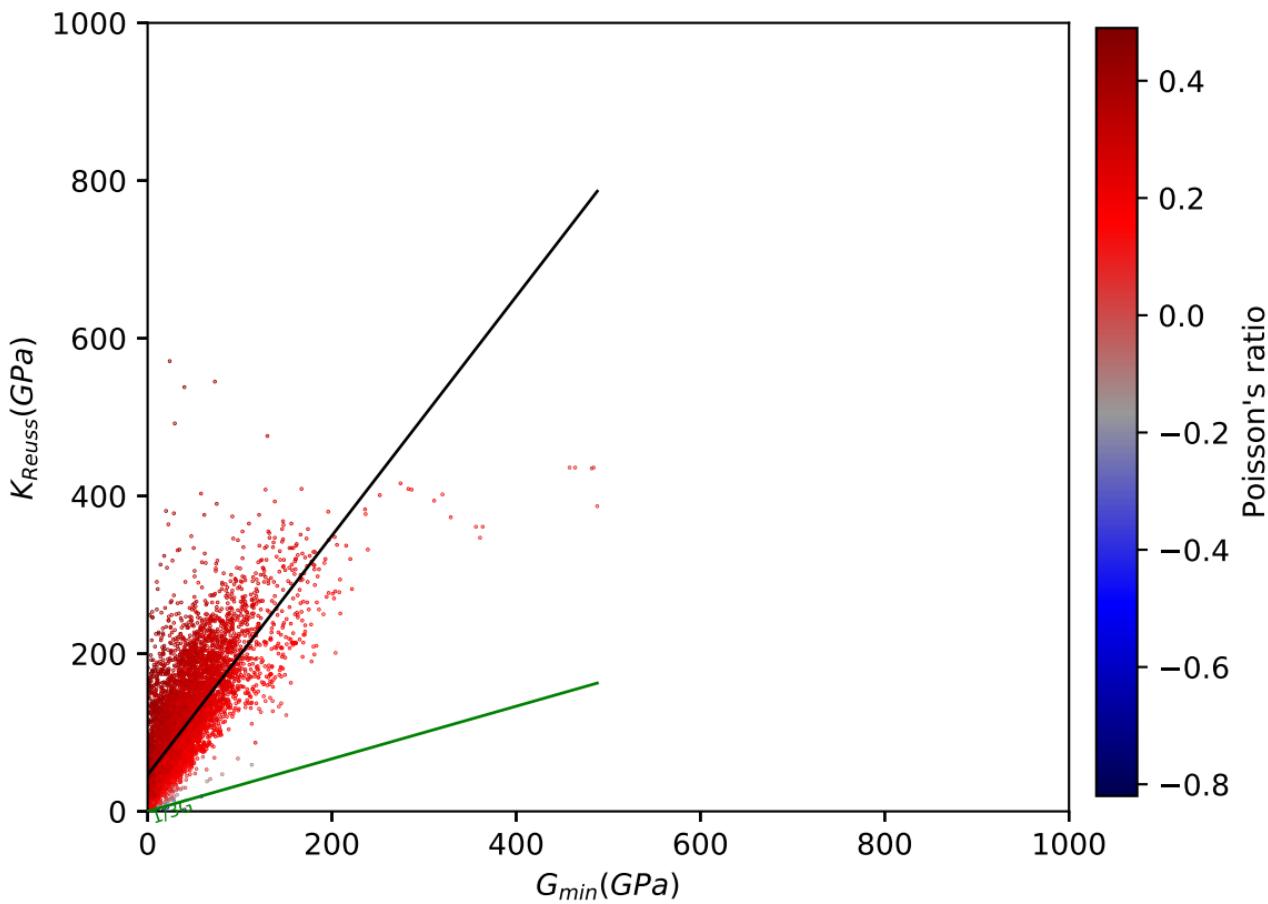


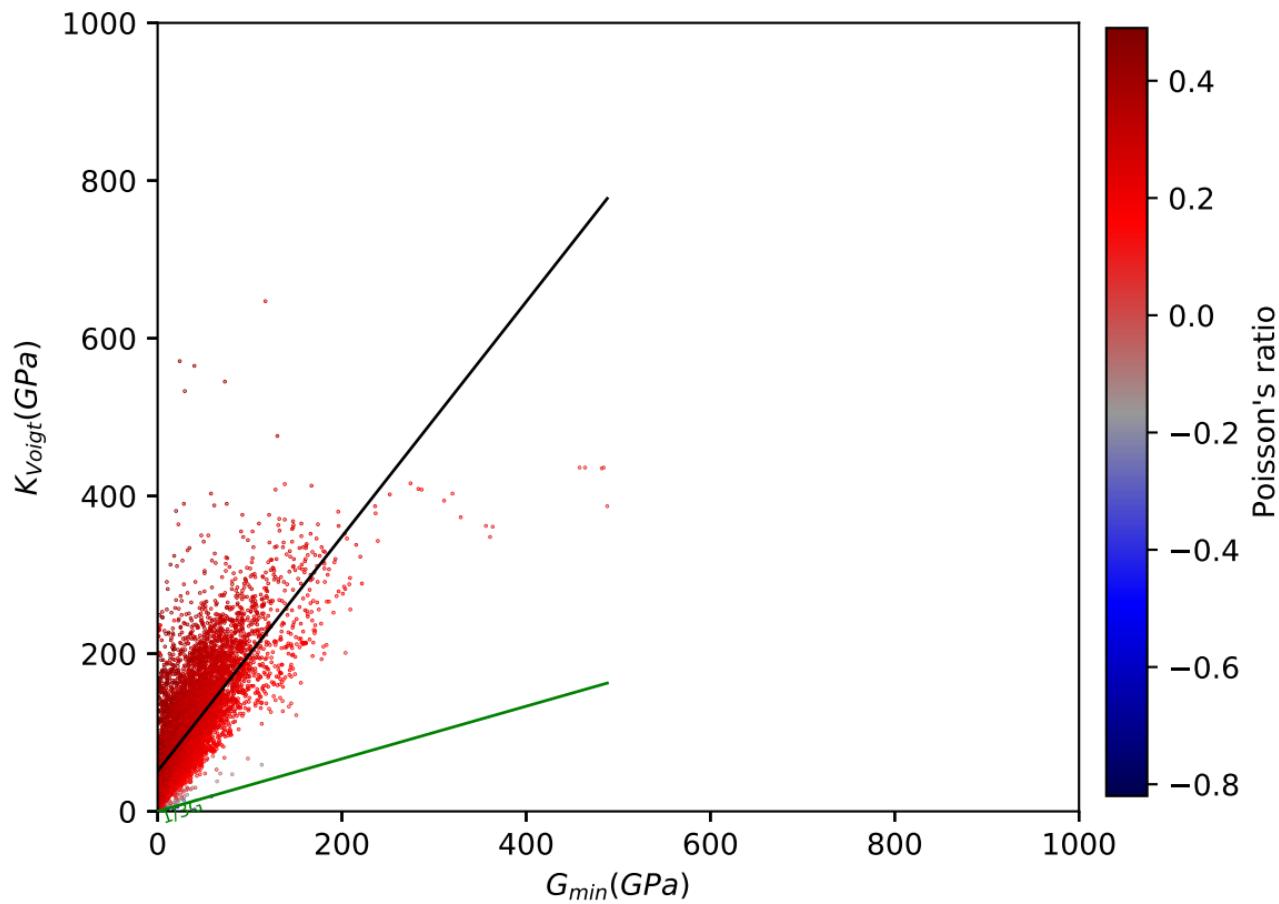


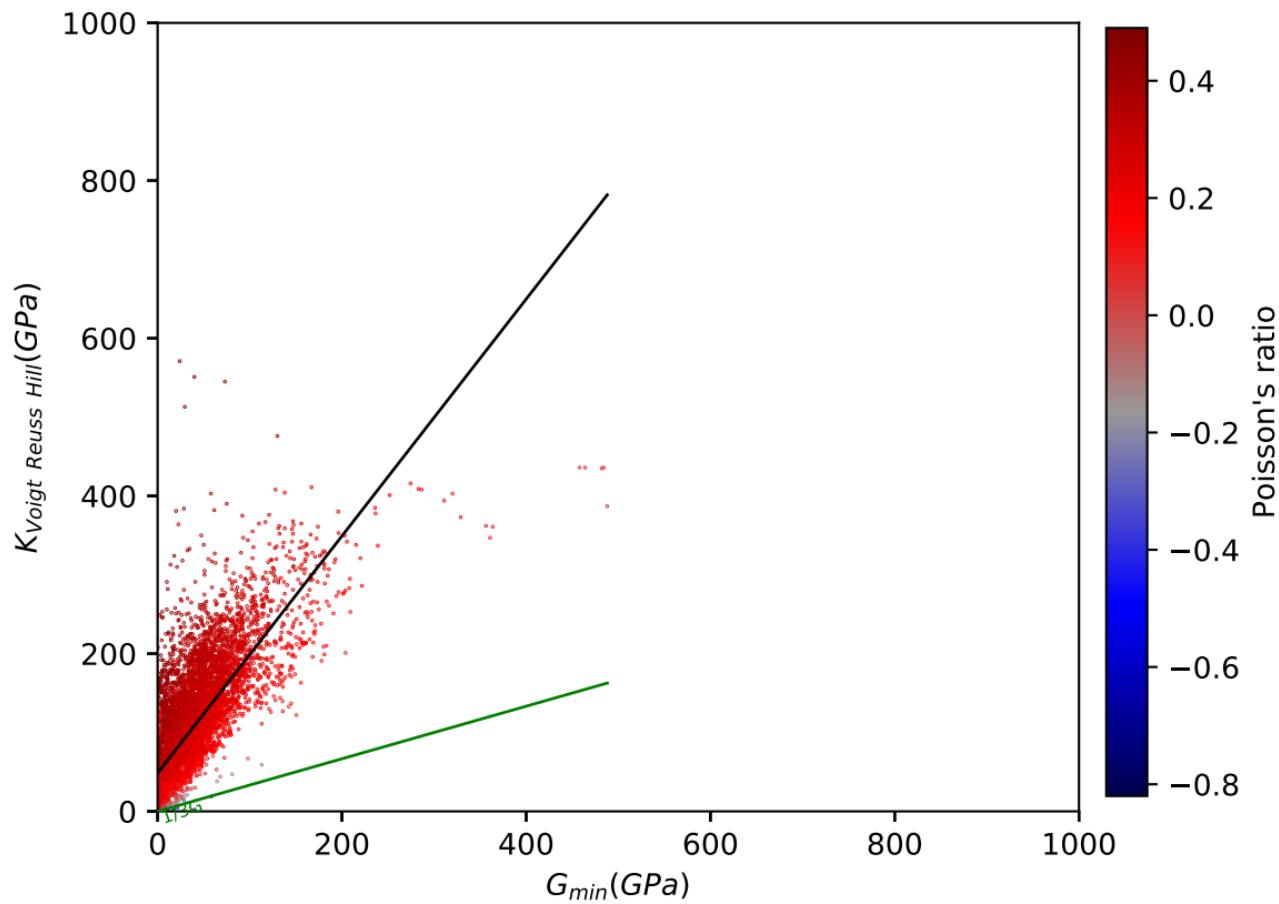


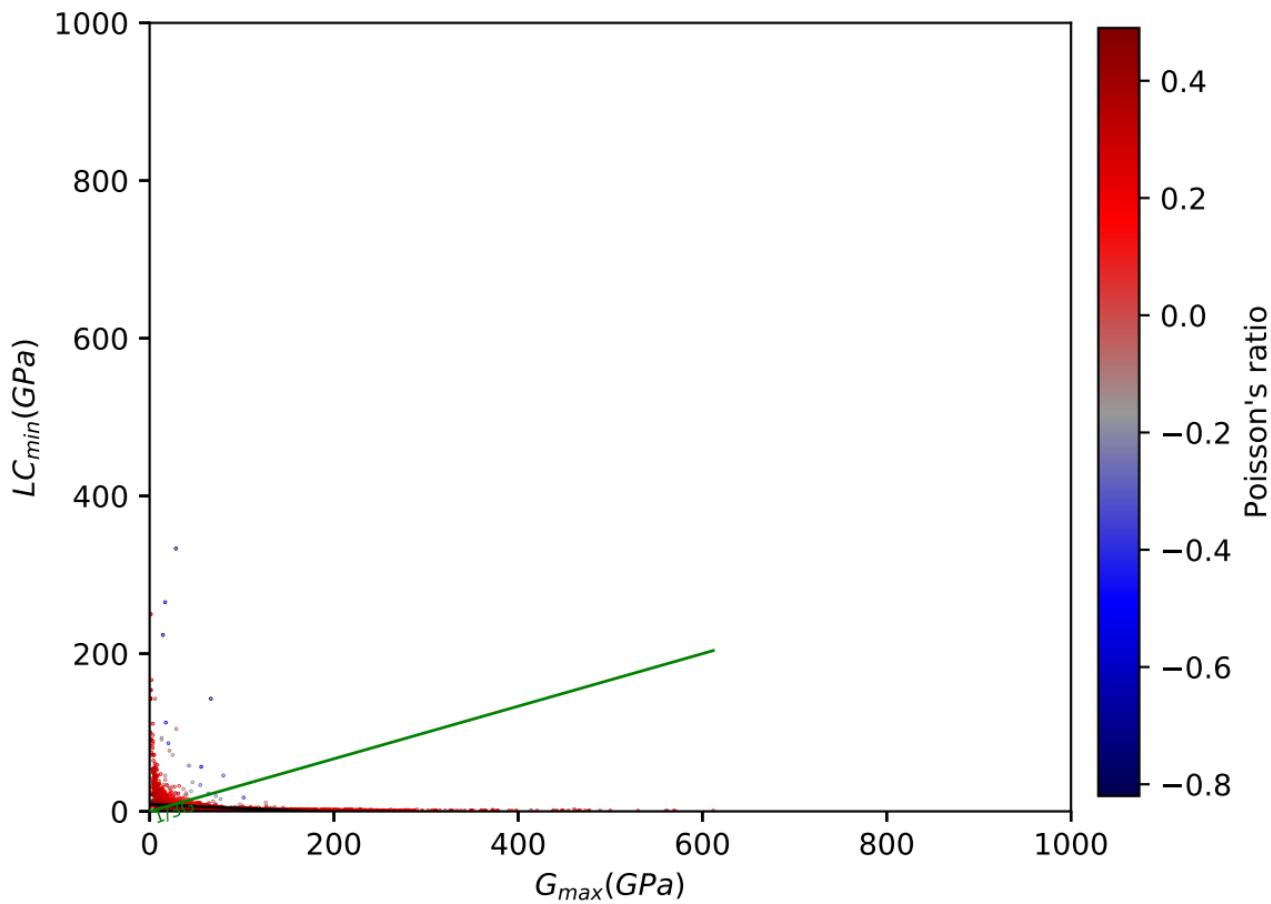


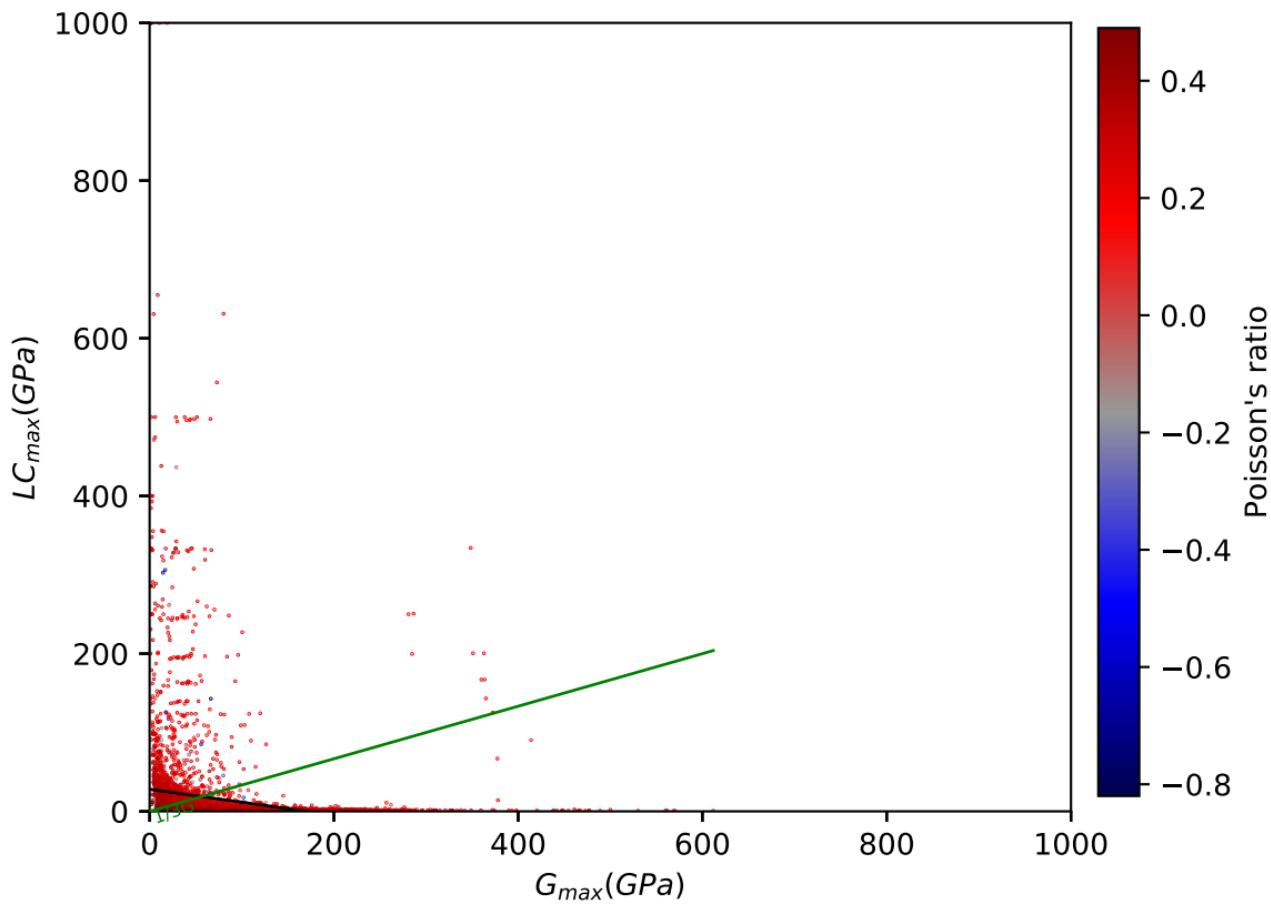


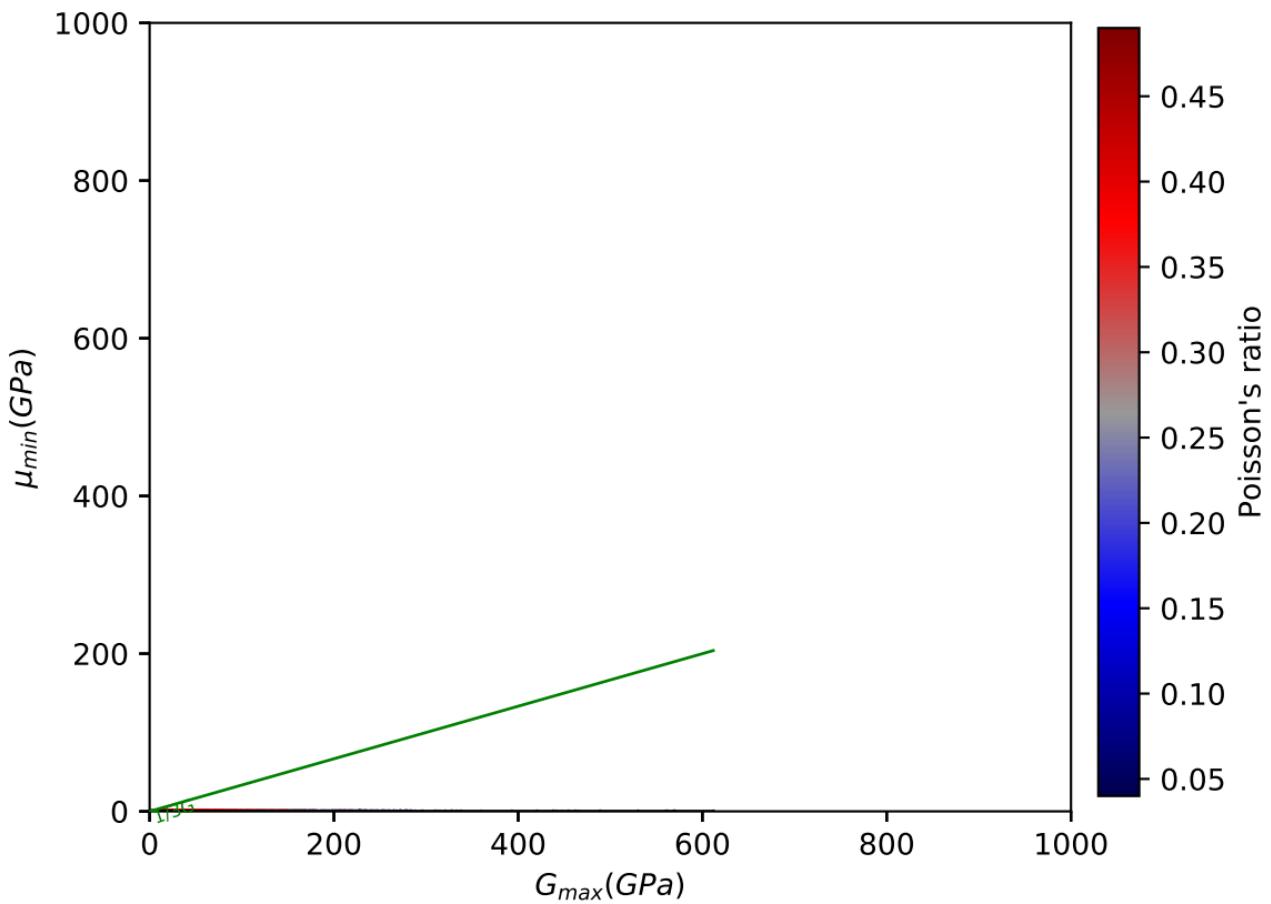


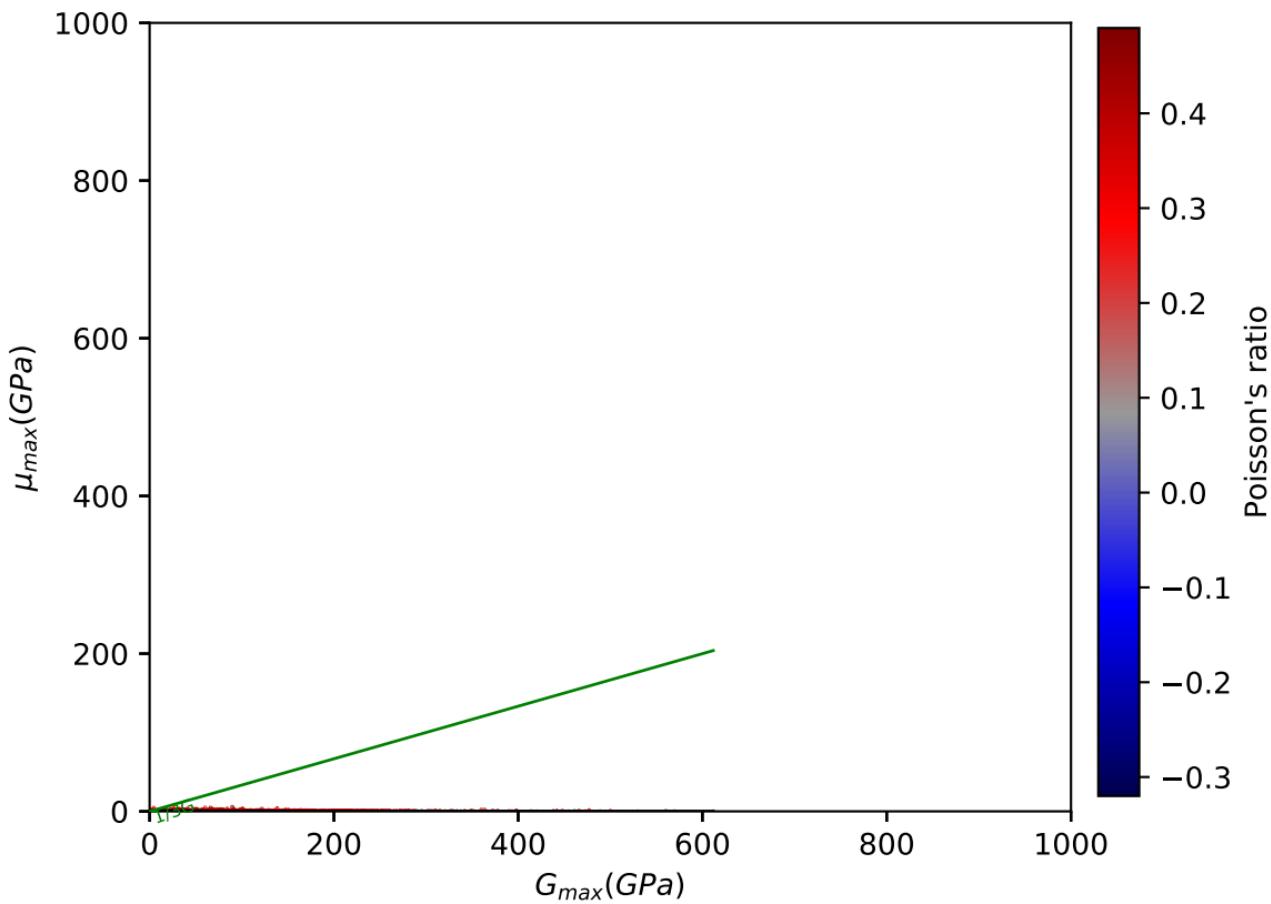


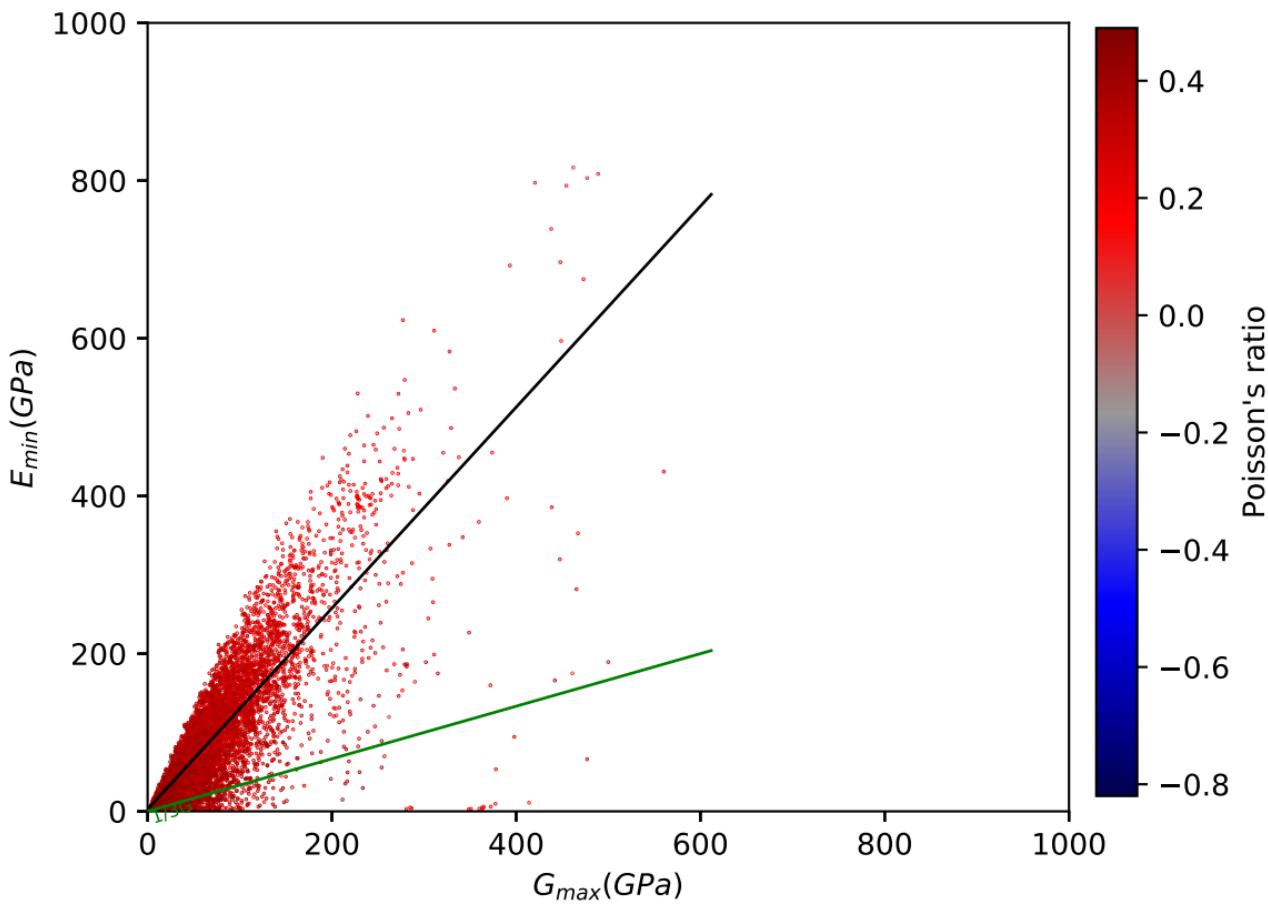


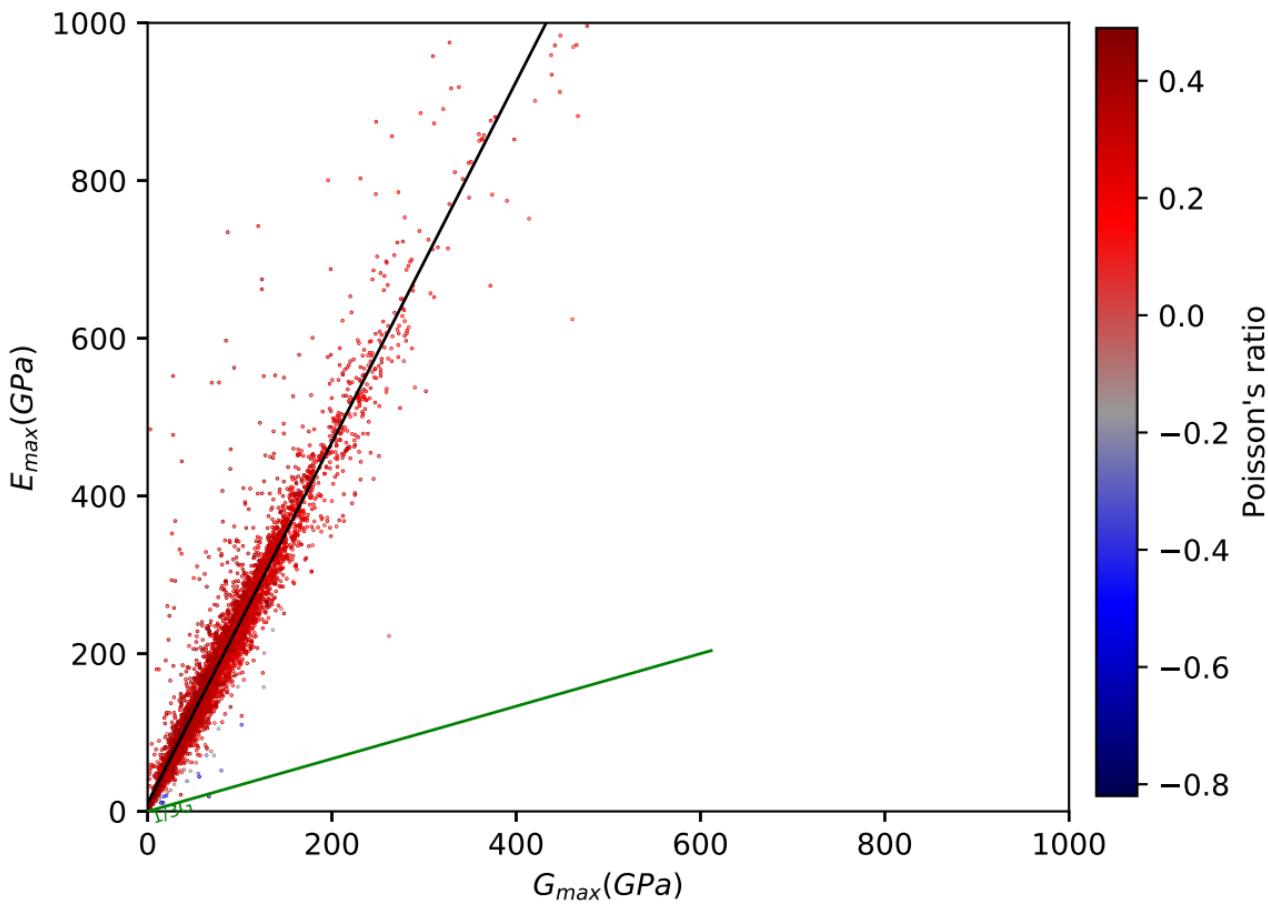


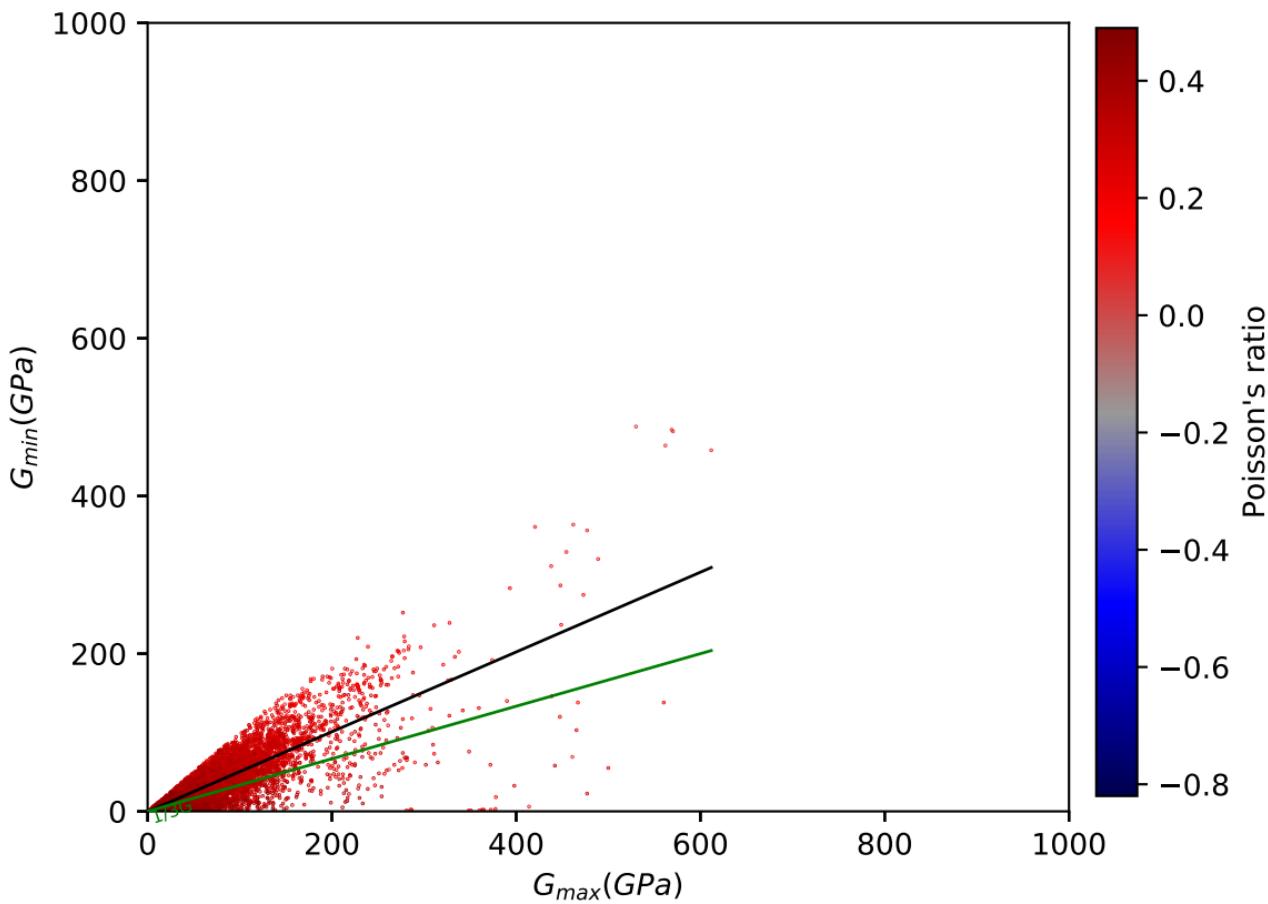


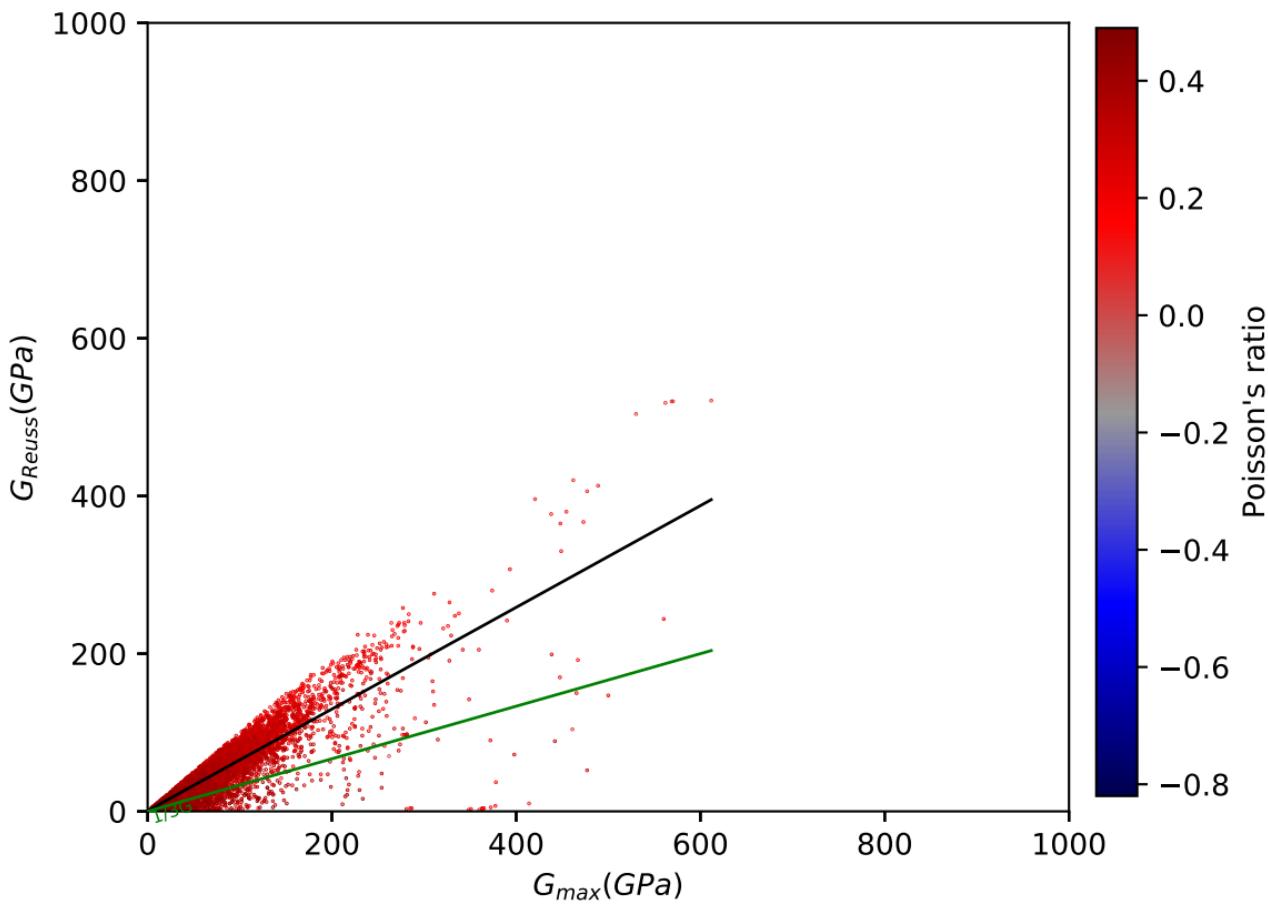


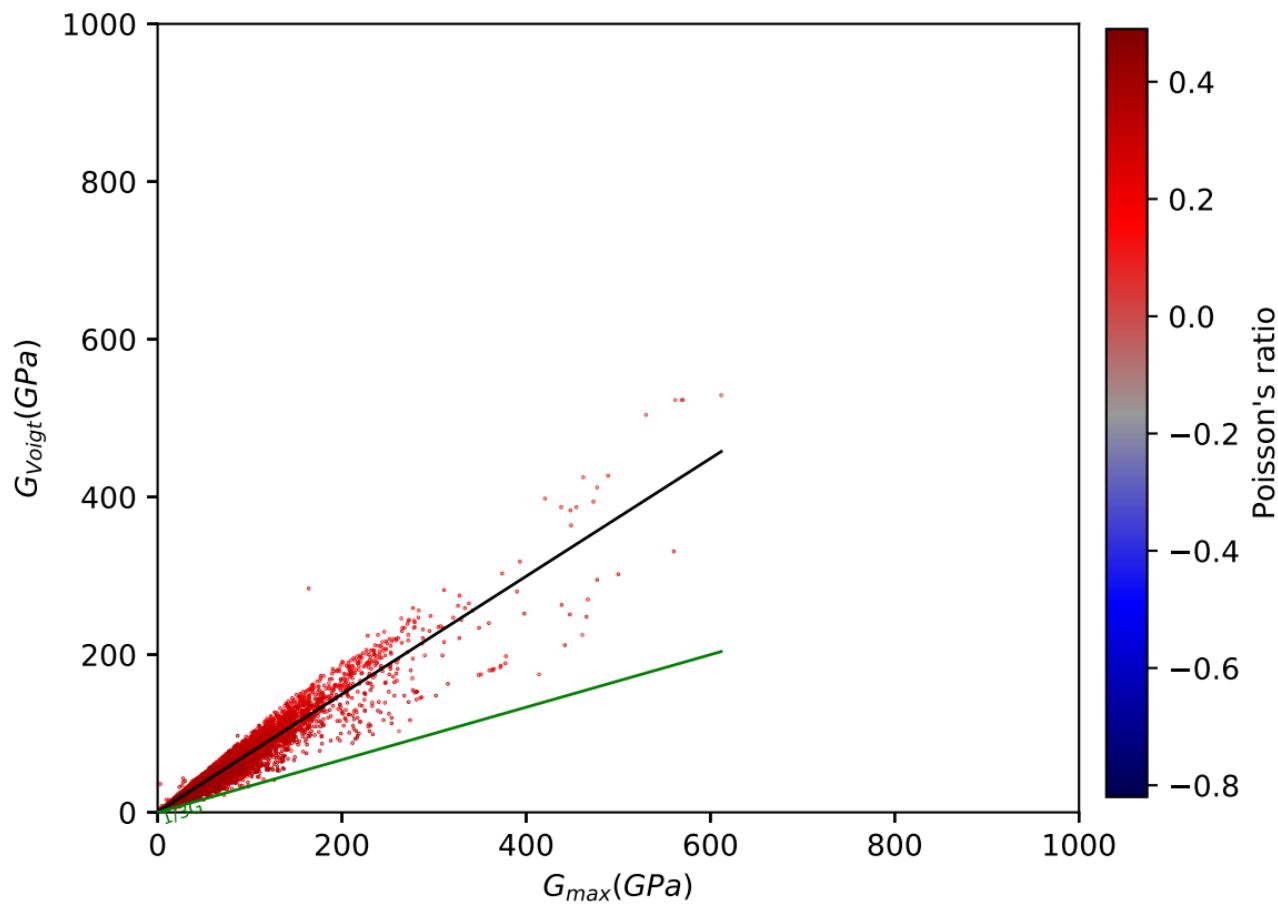


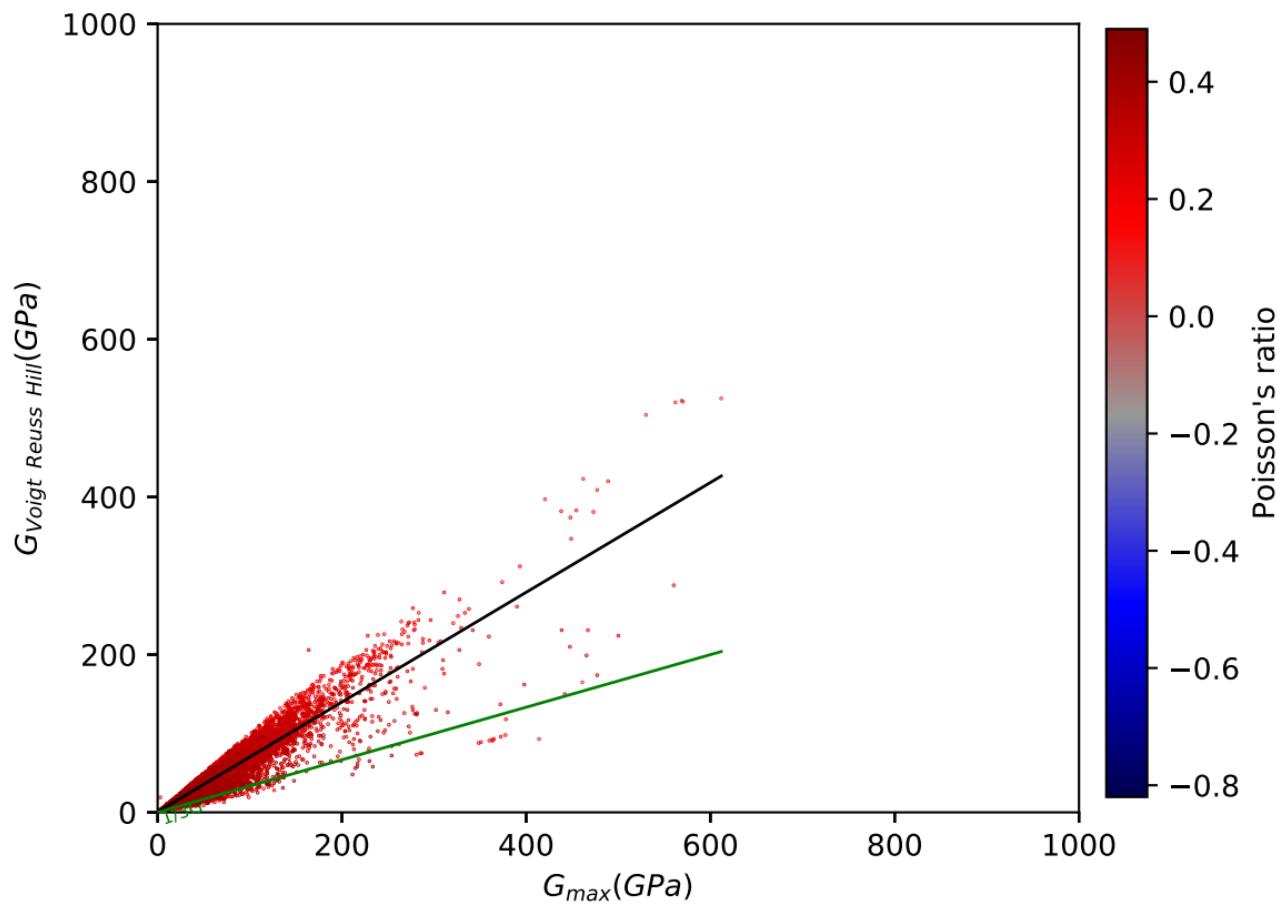


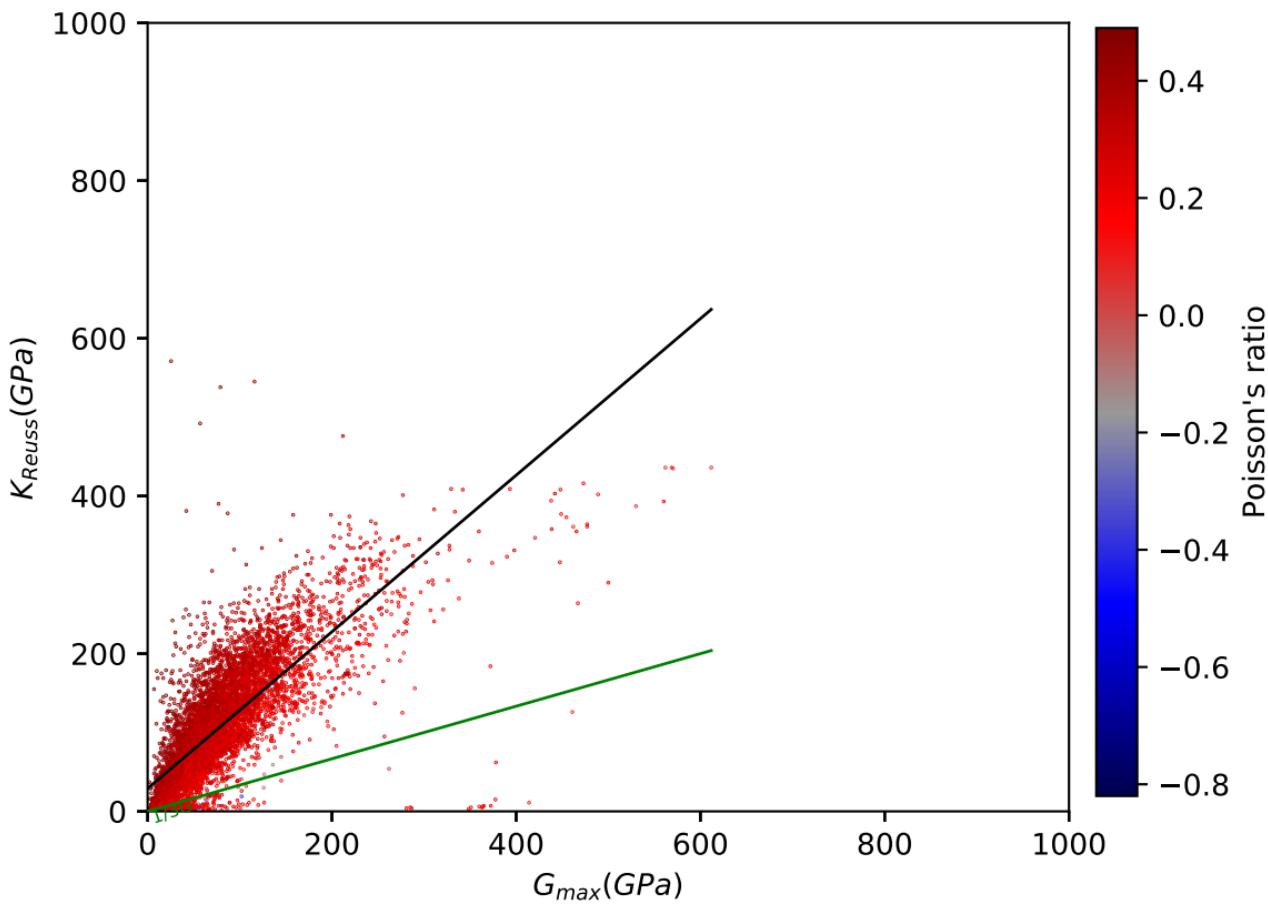


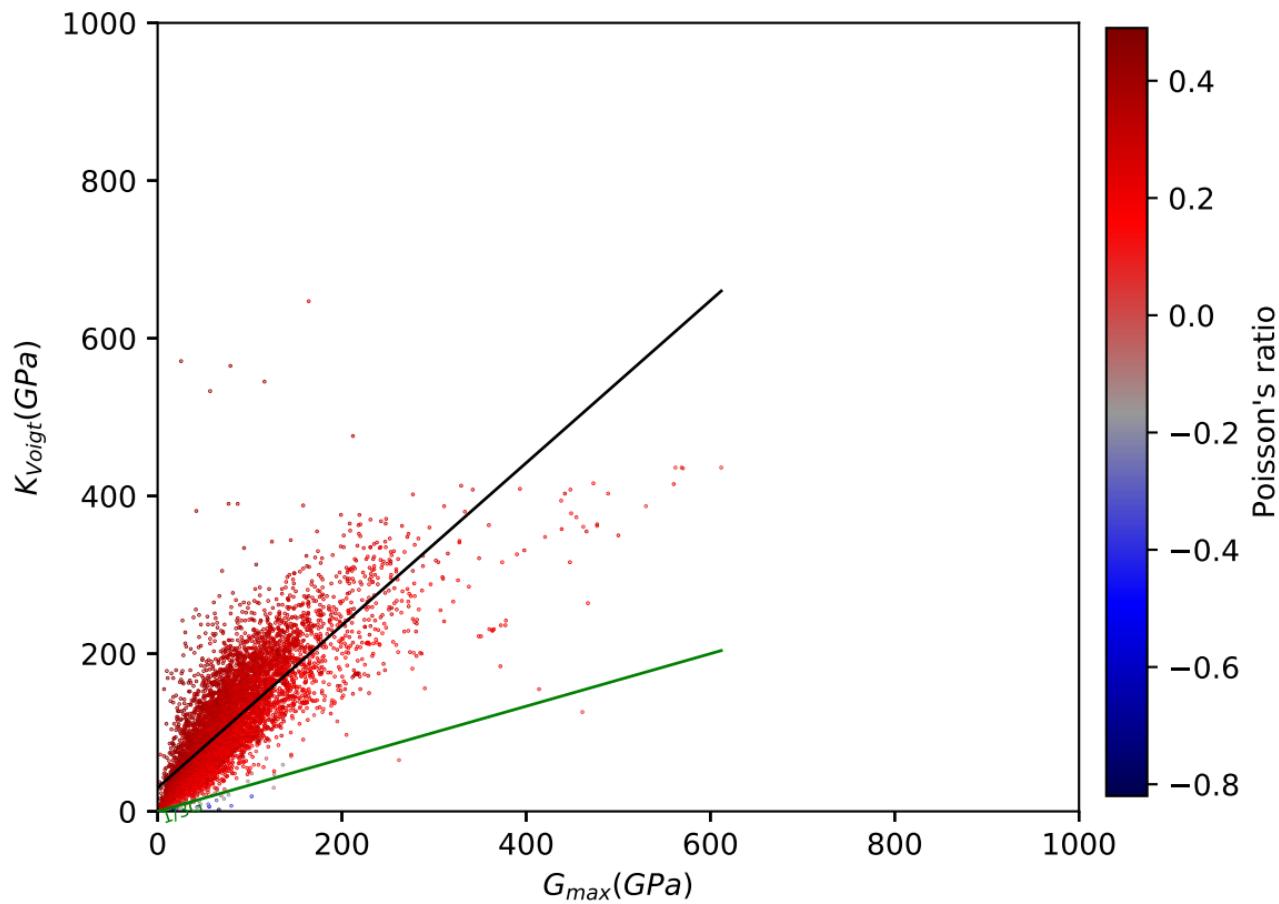


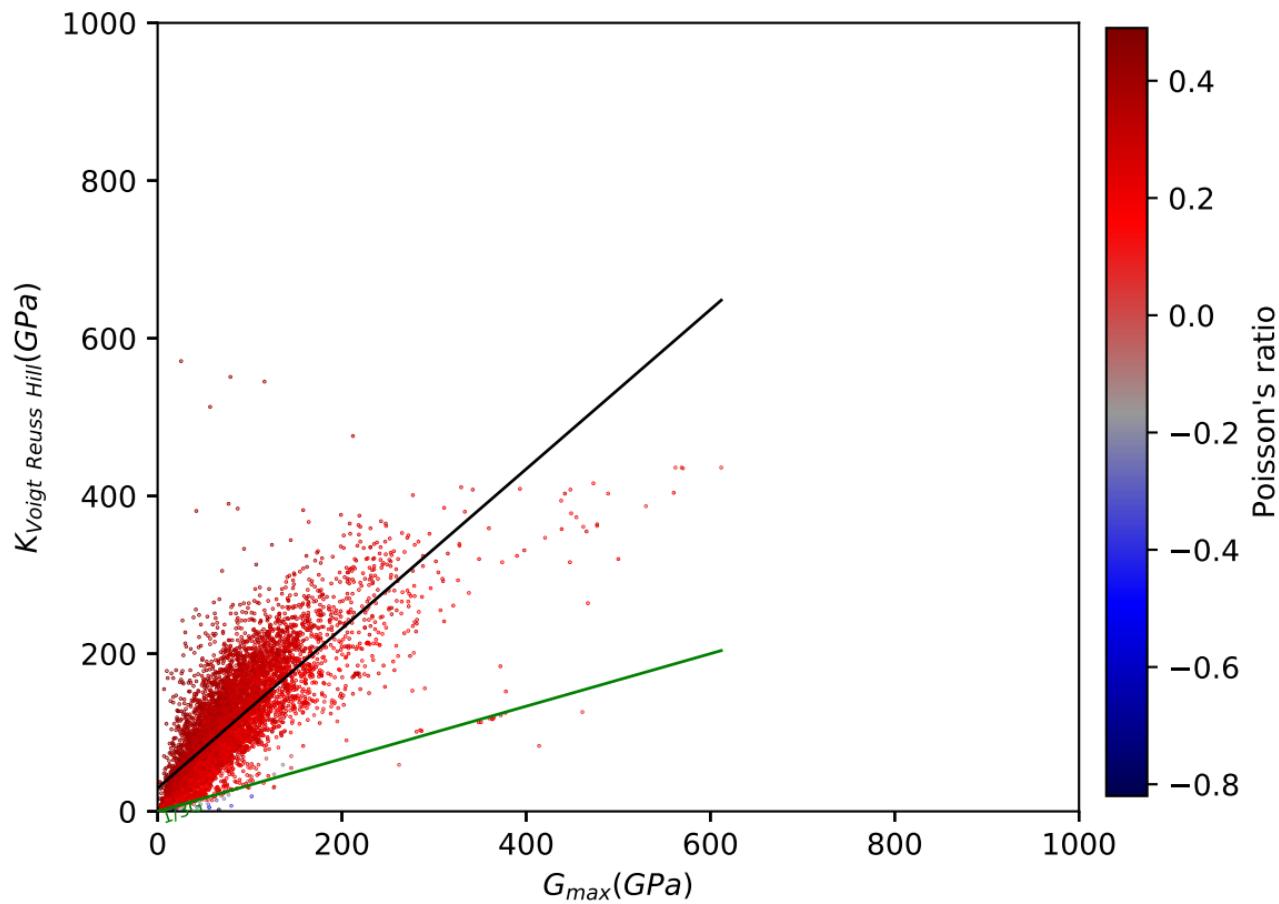


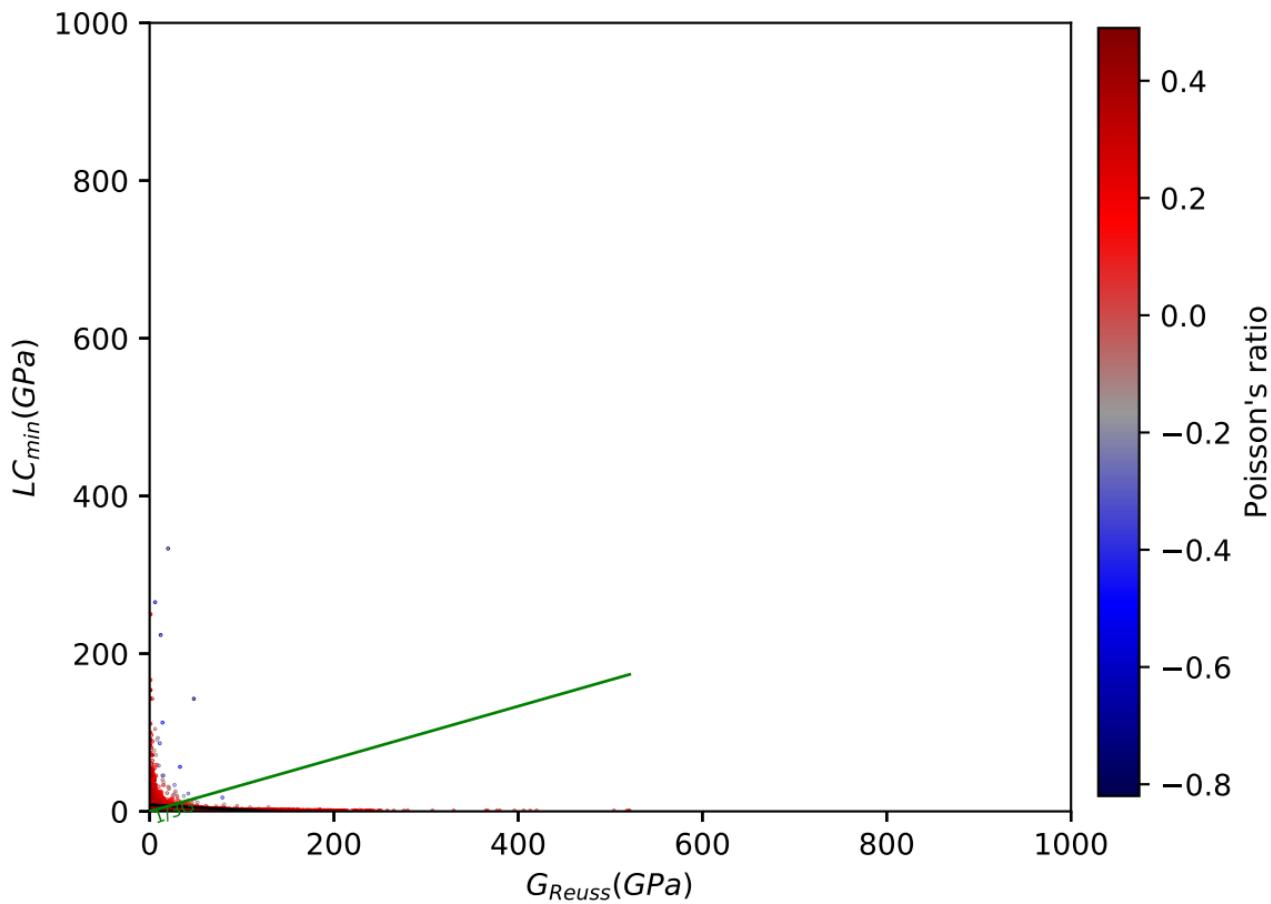


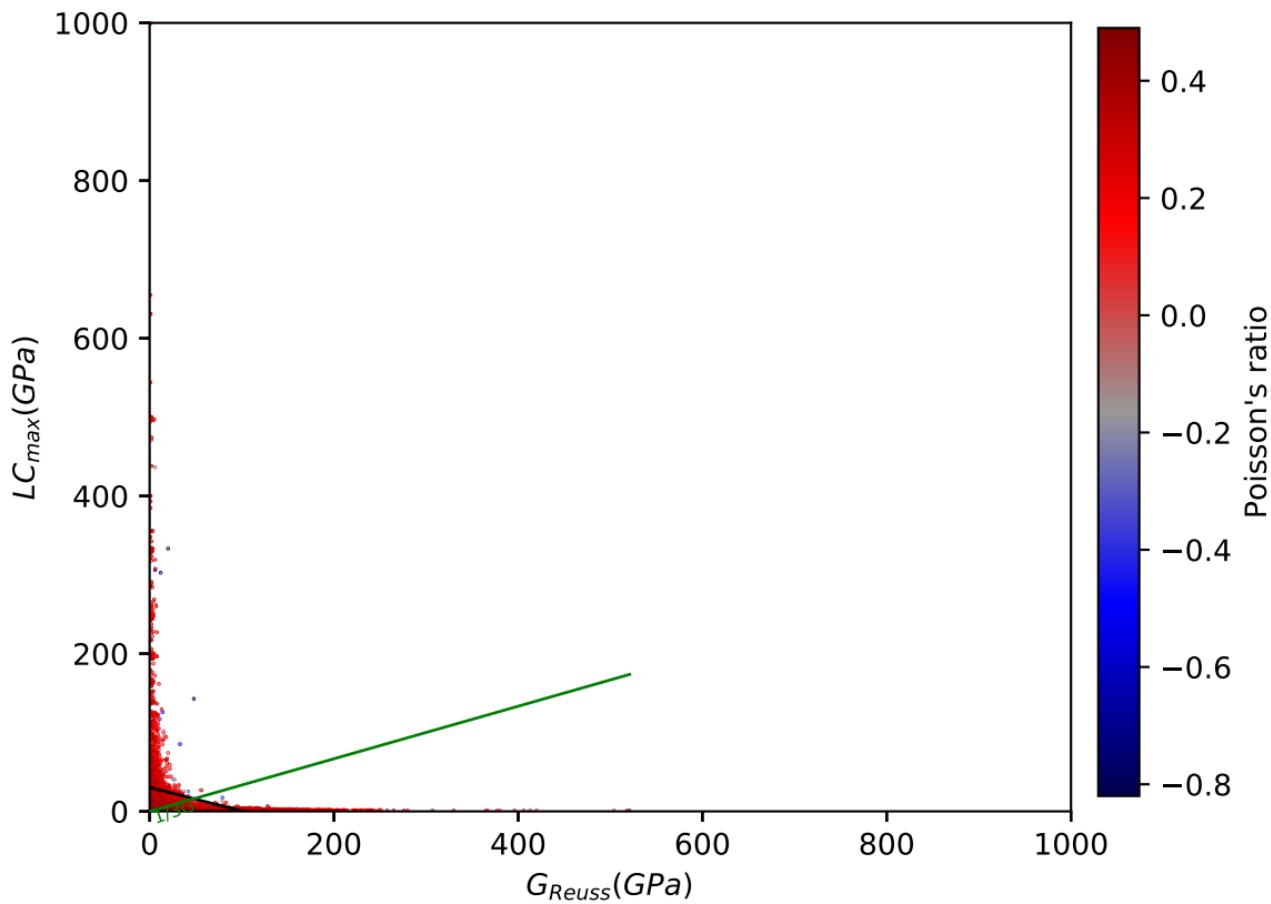


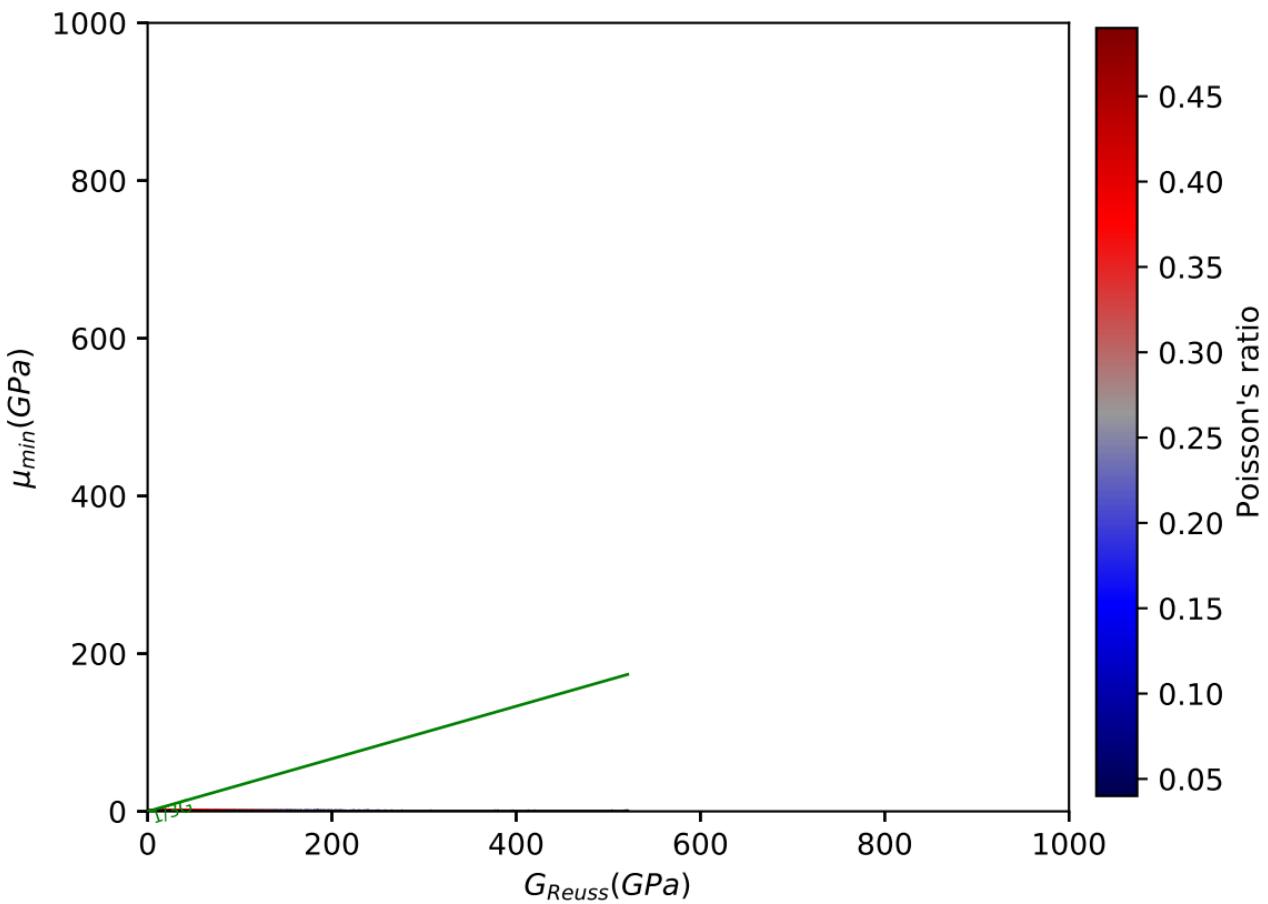


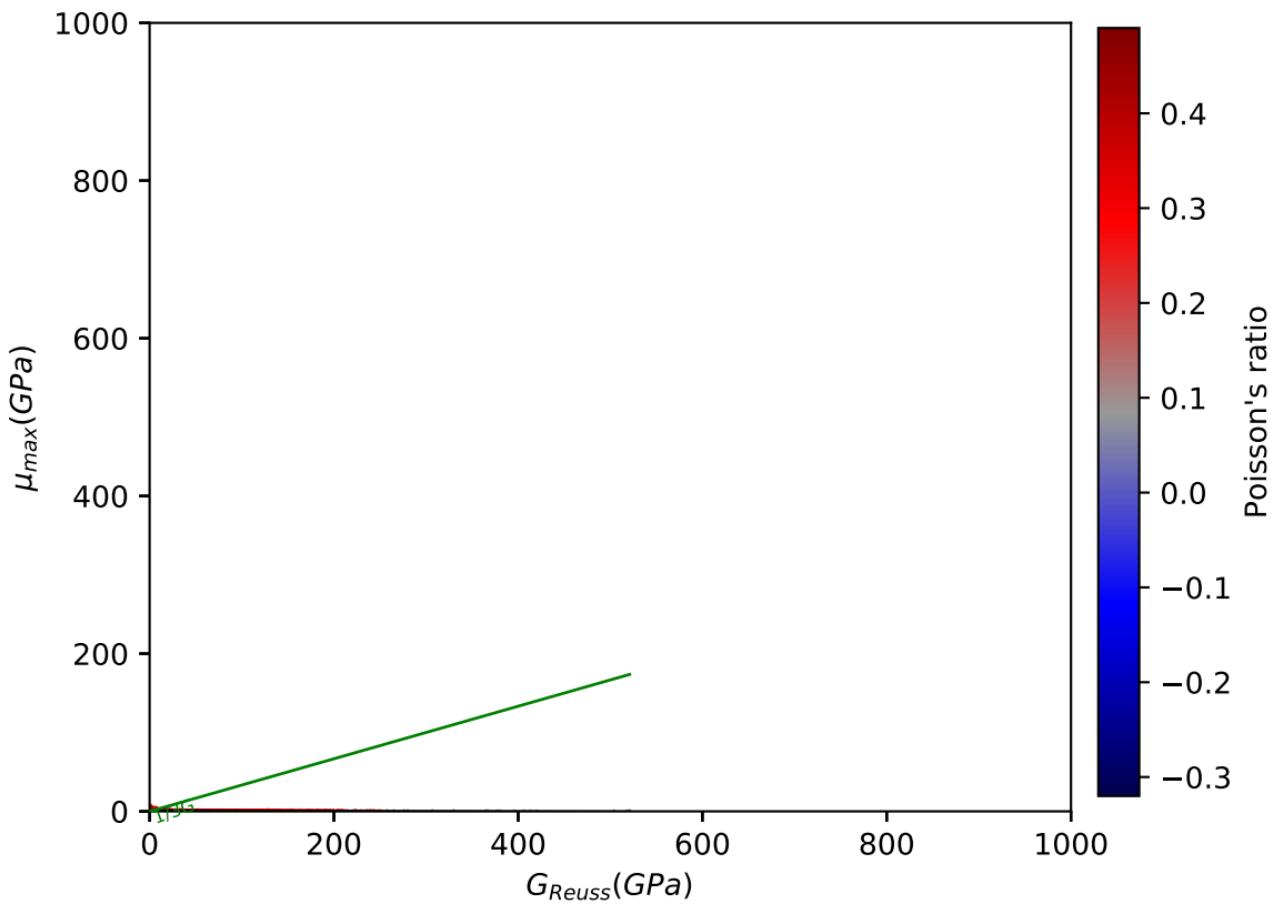


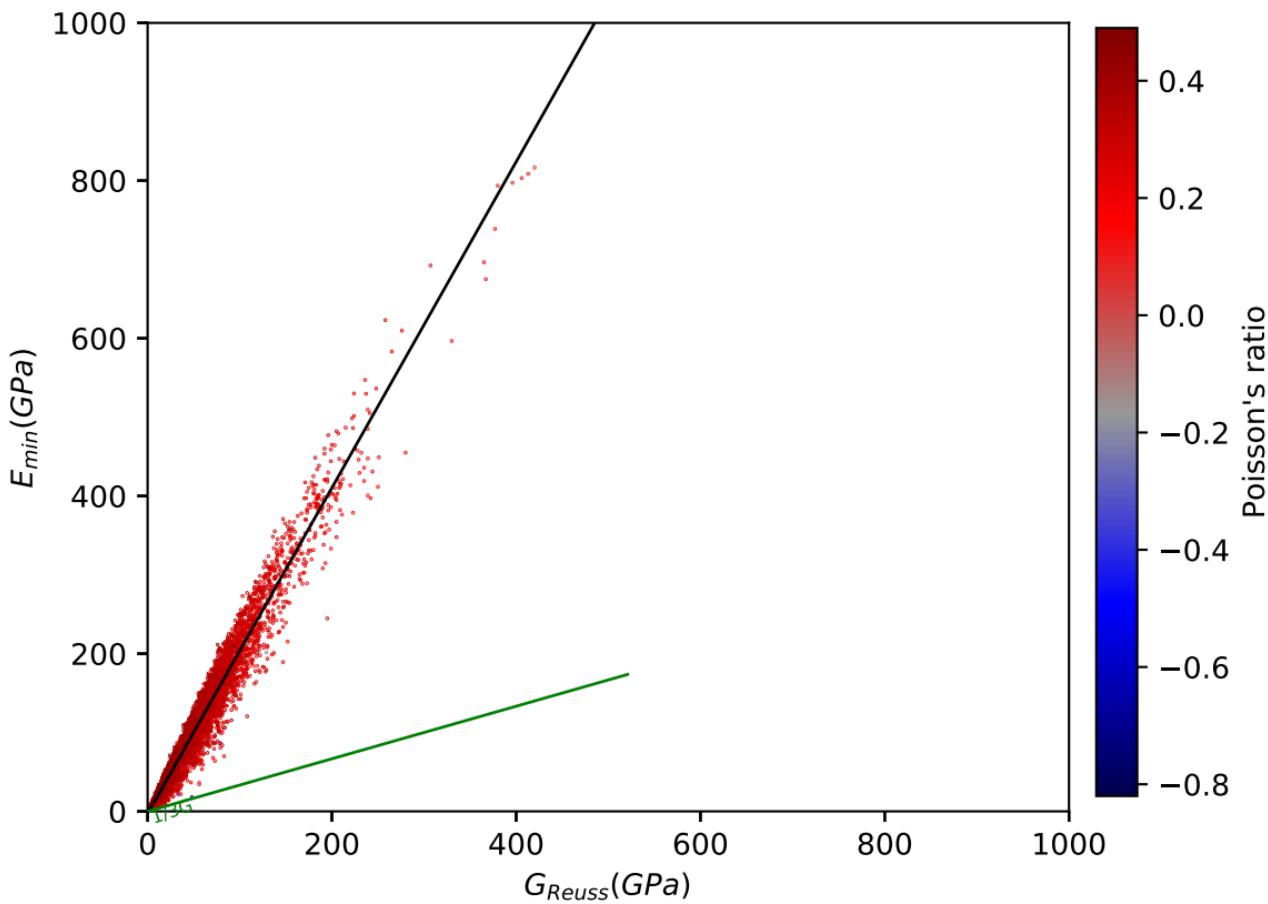


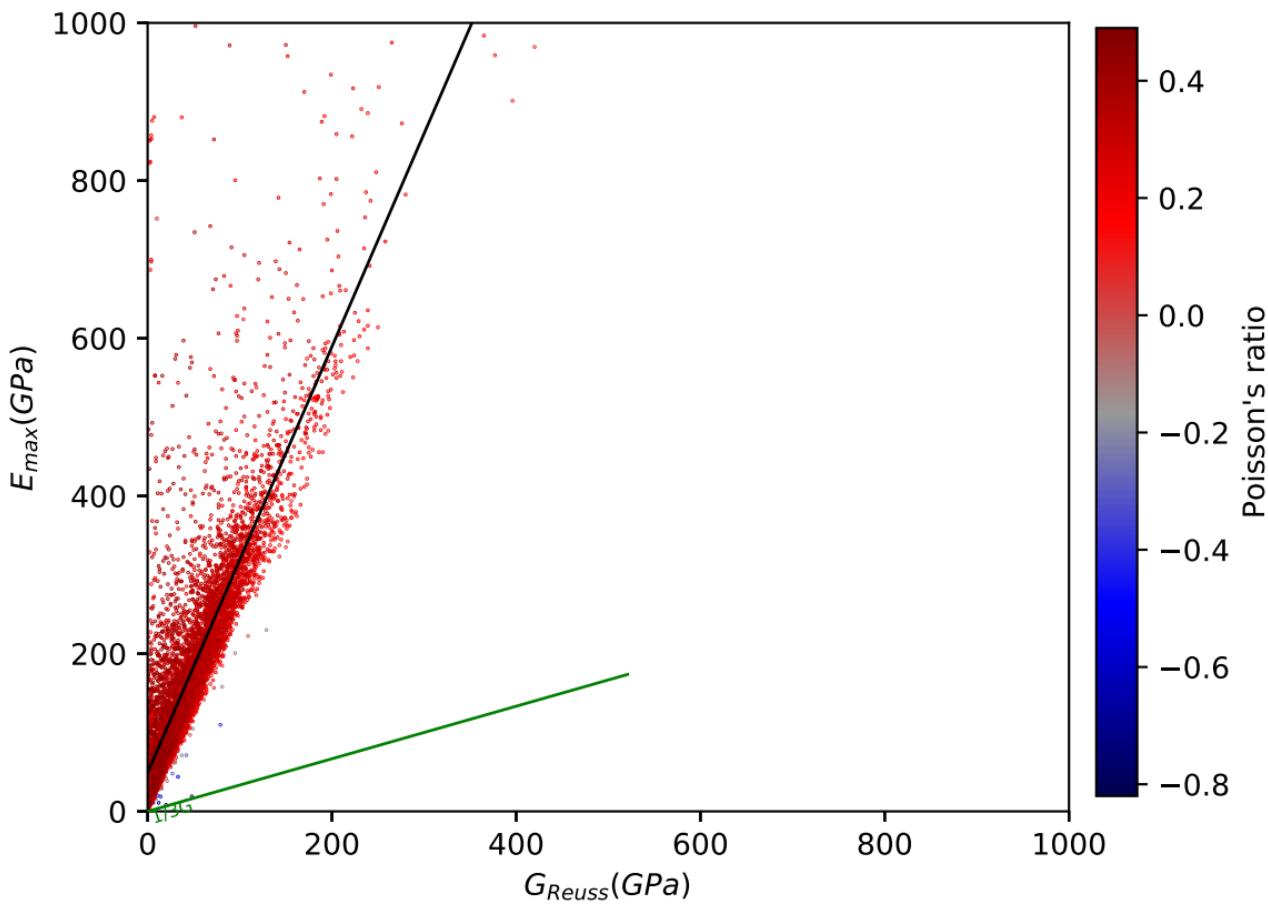


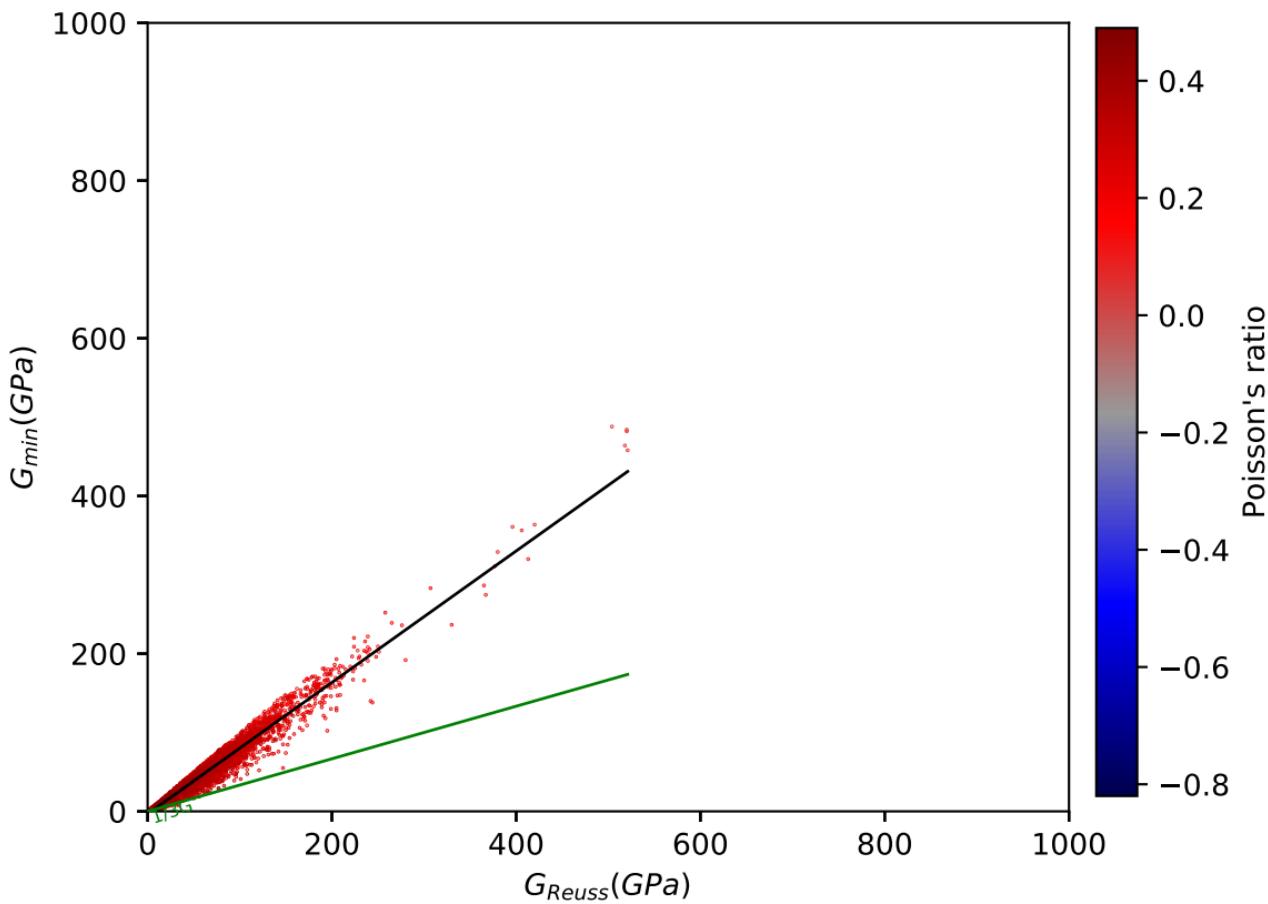


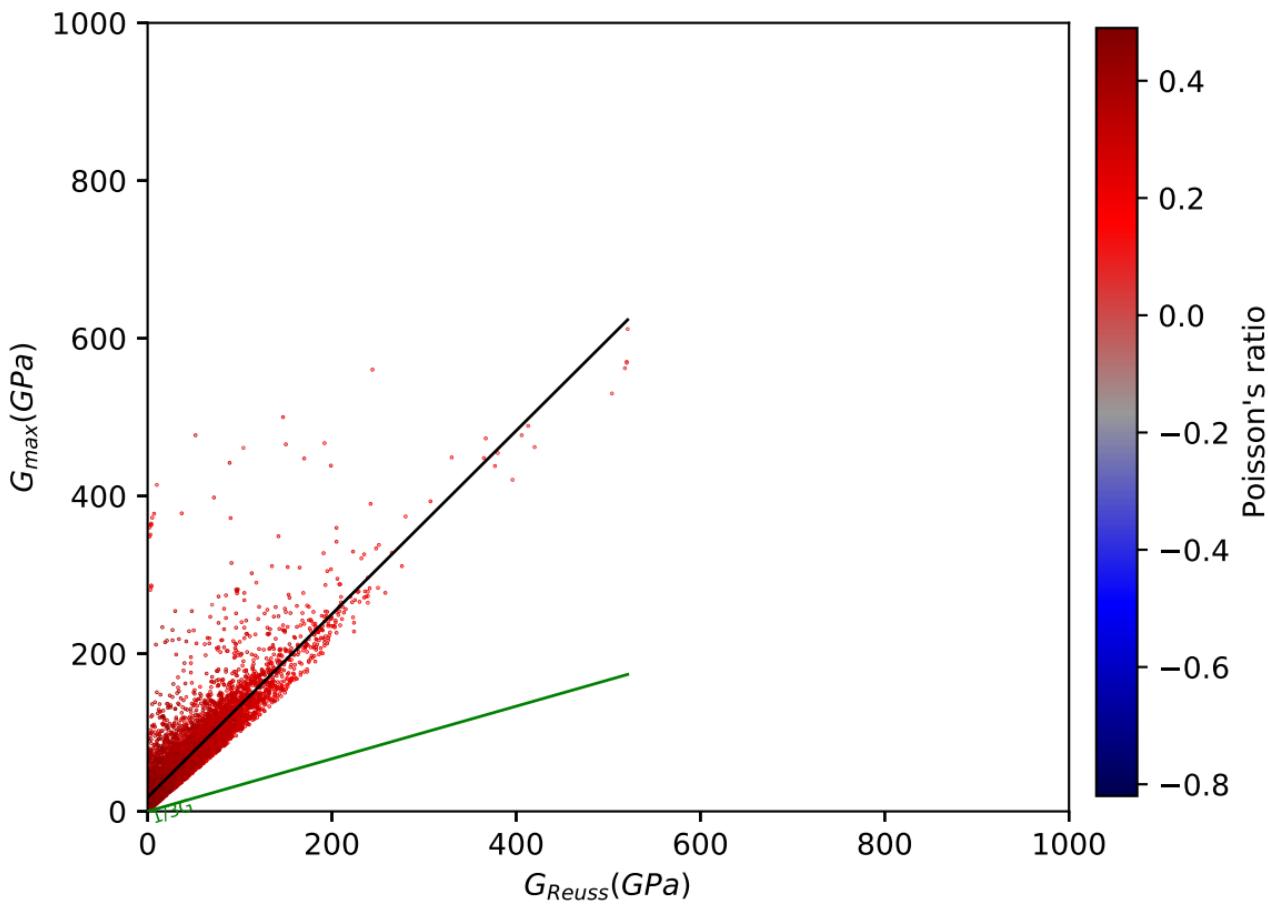


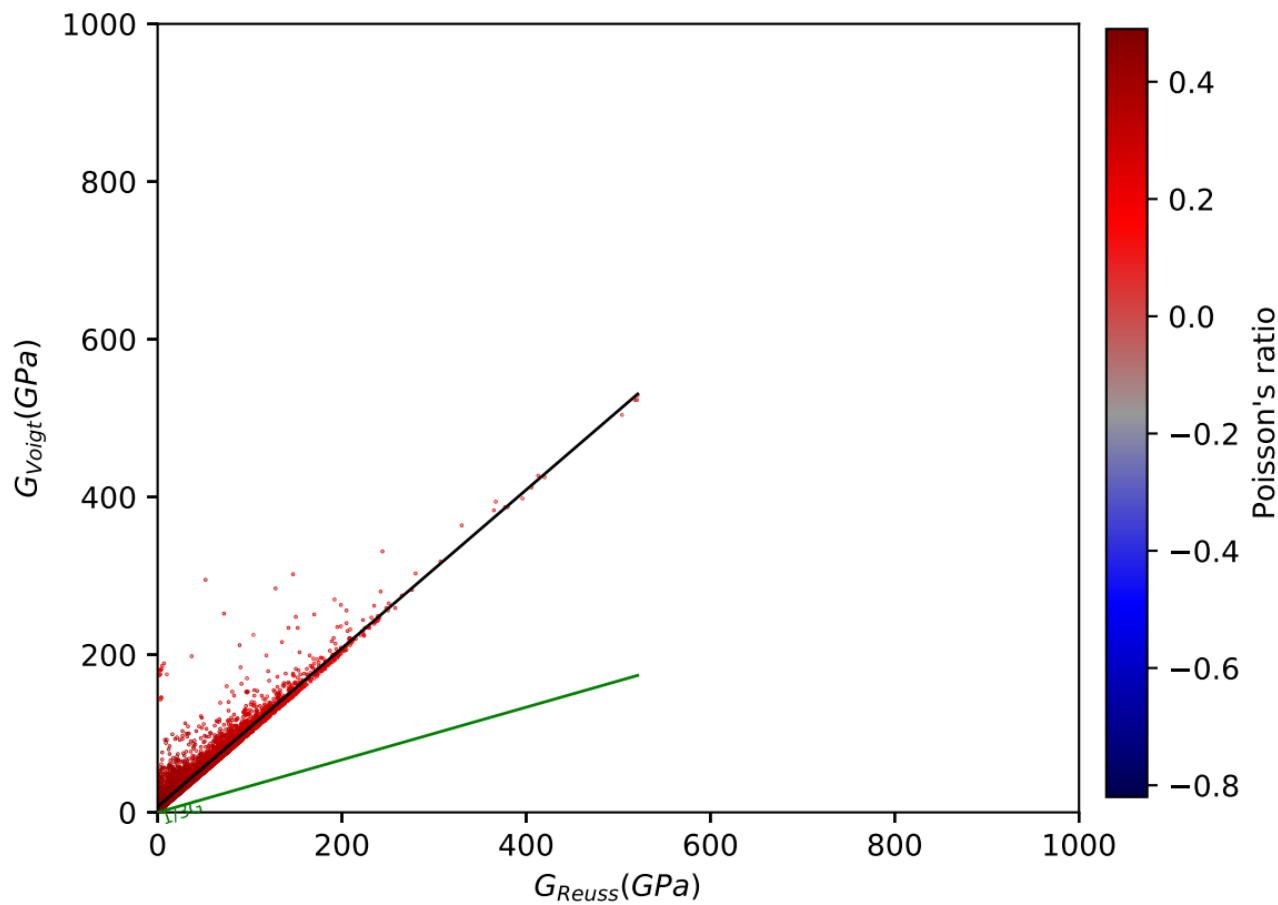


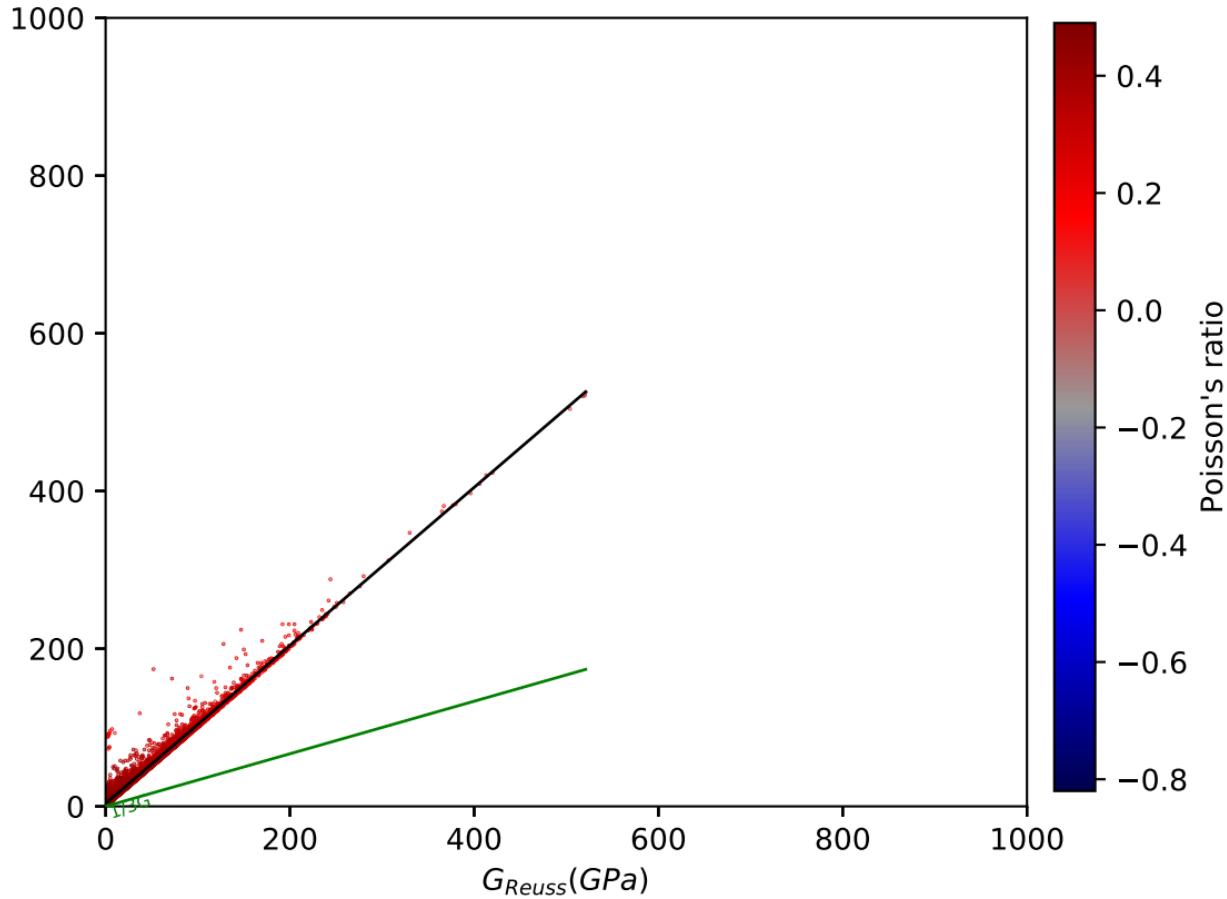


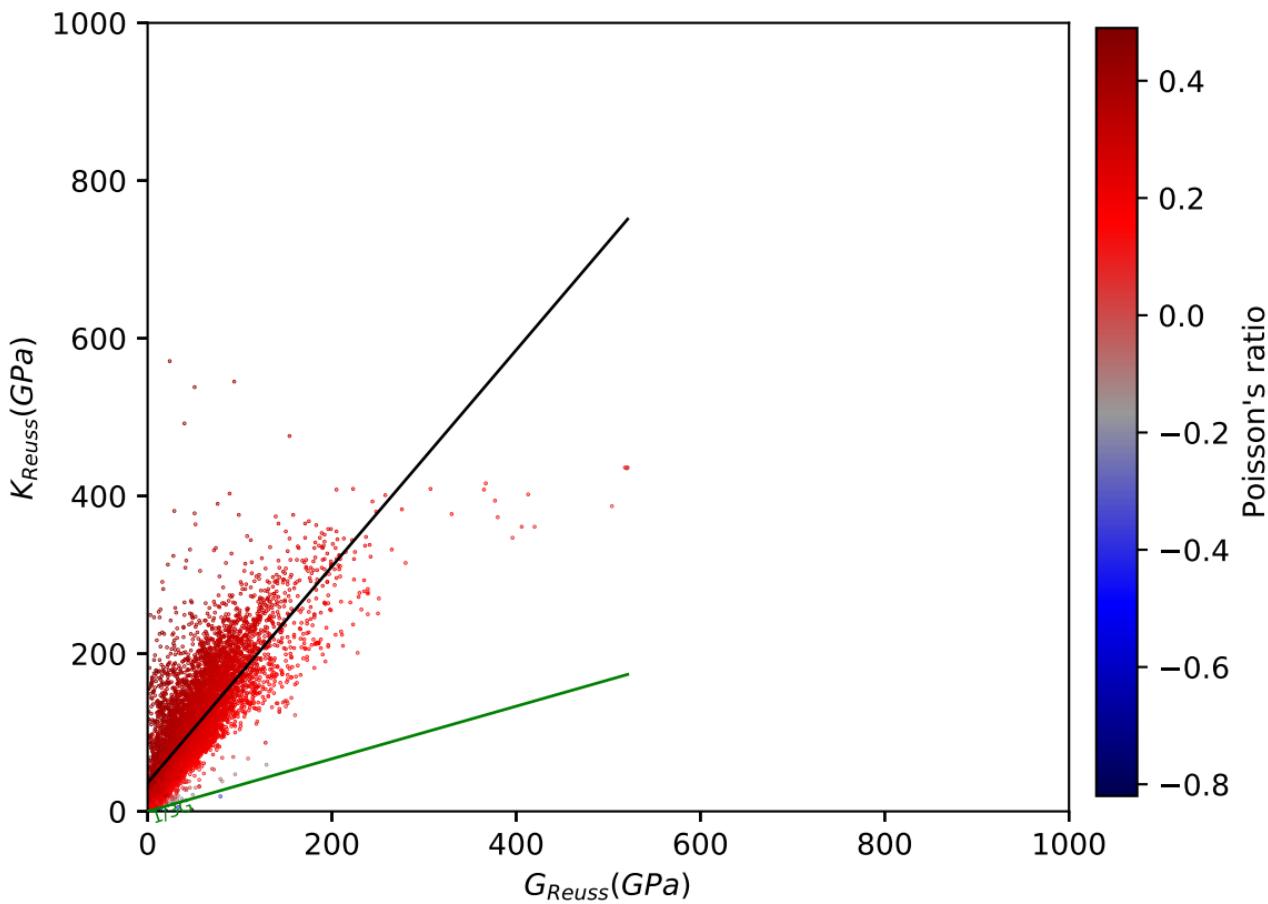


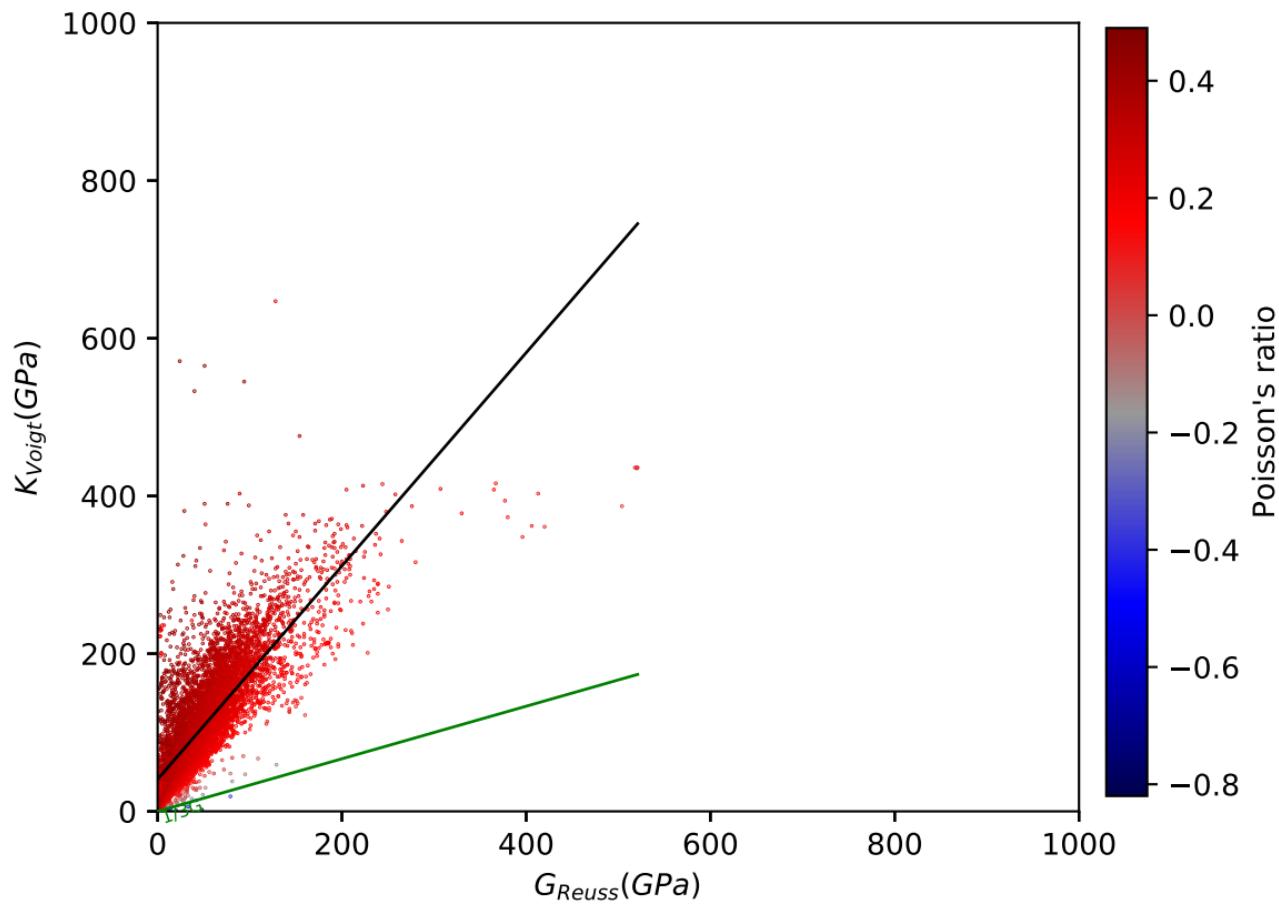


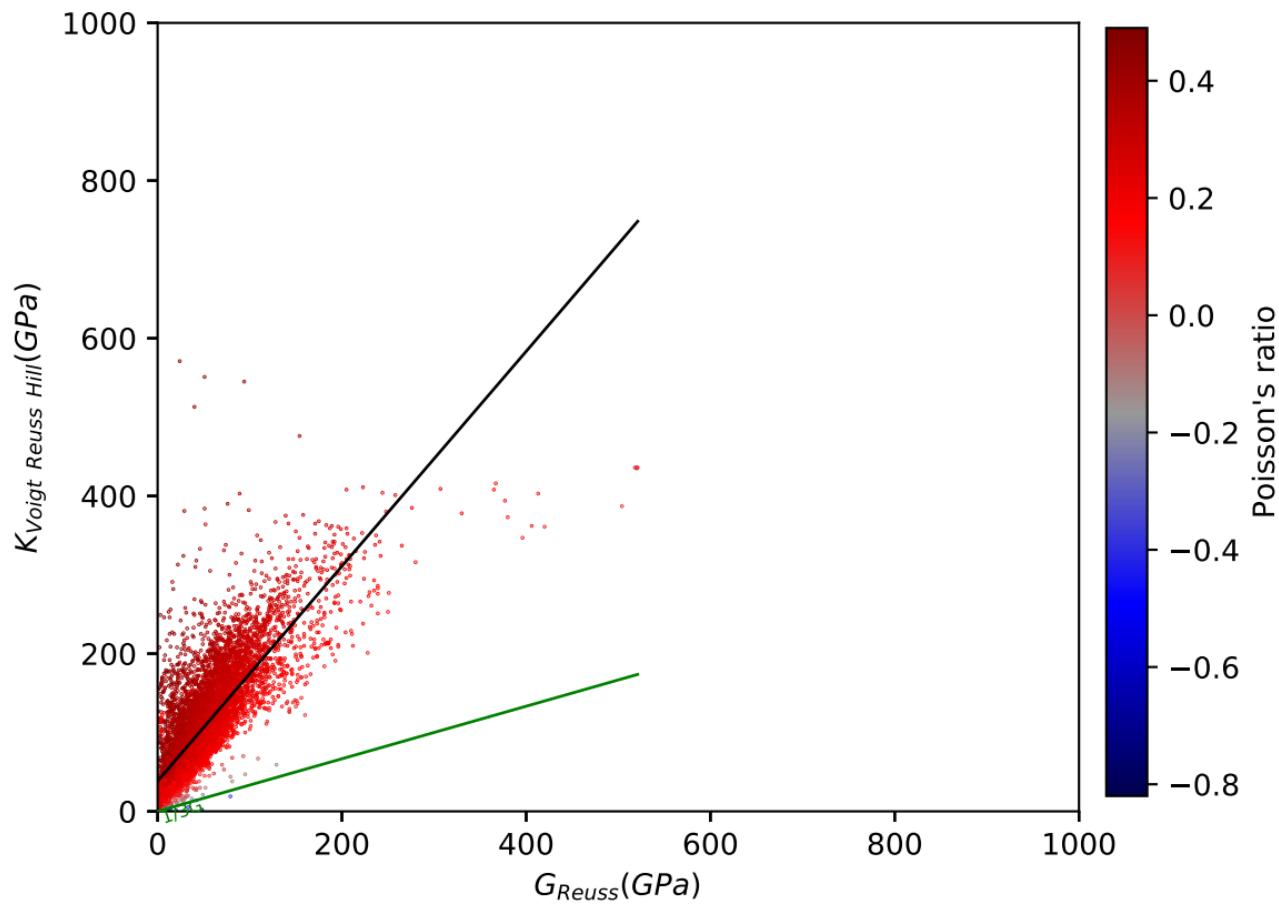


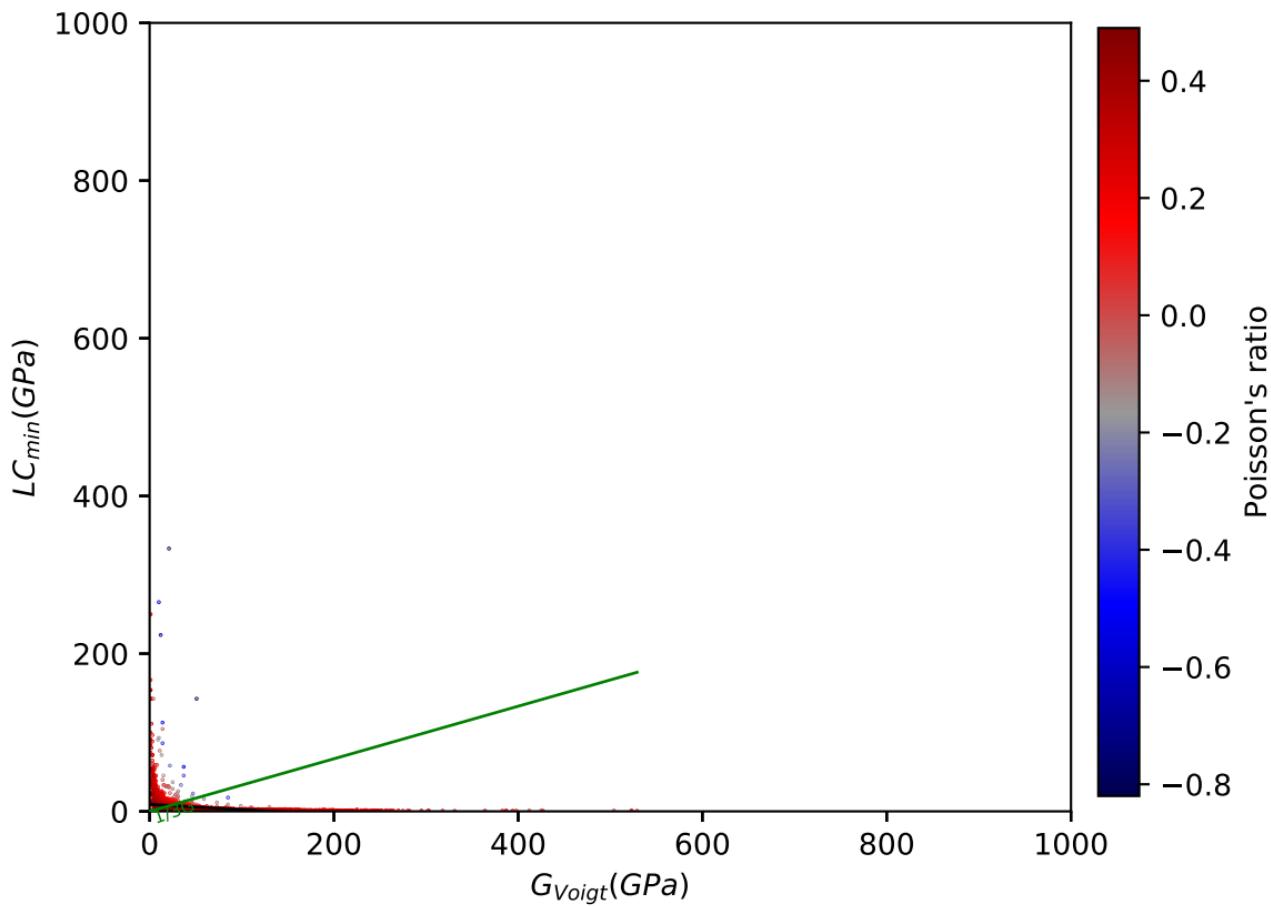


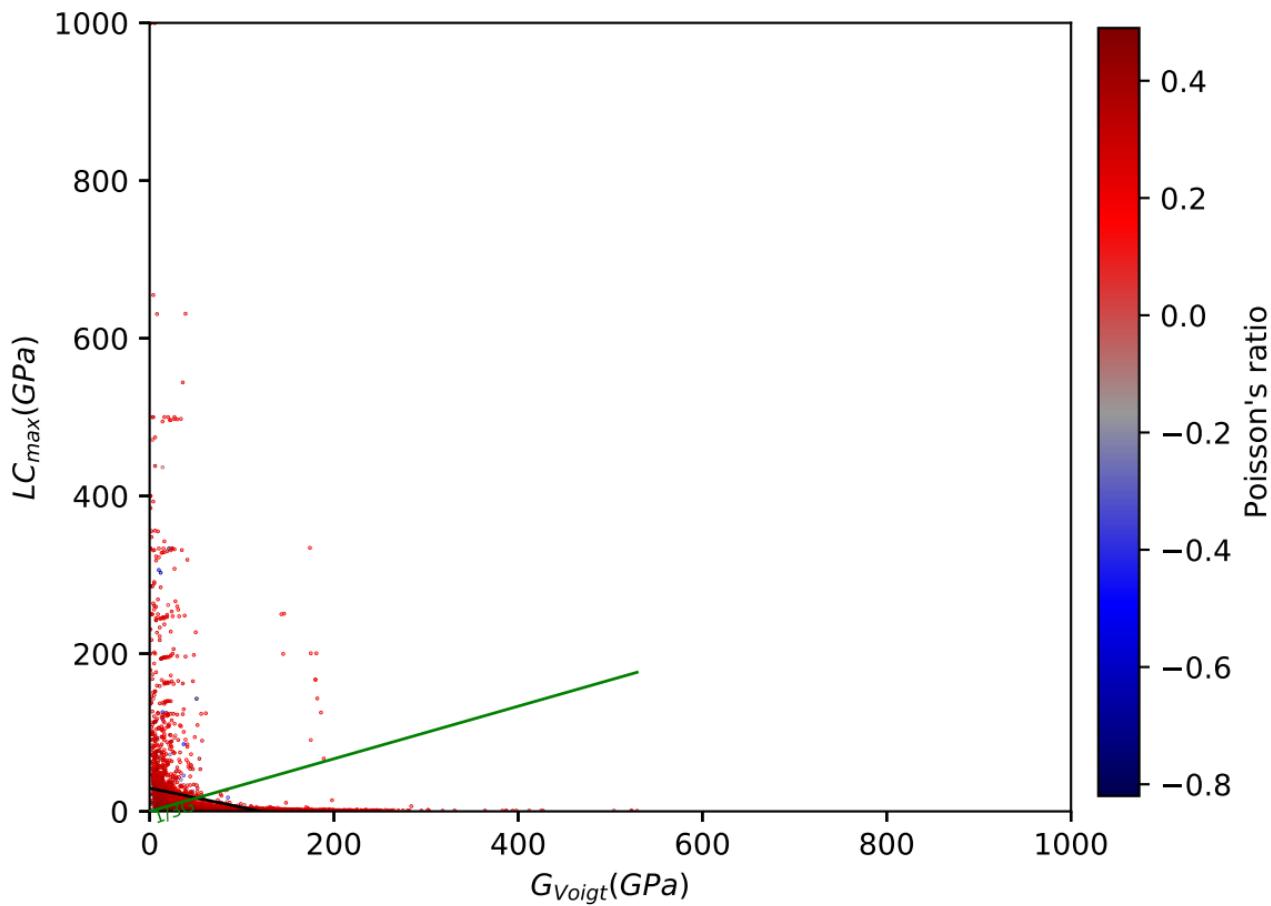
$G_{\text{Voigt Reuss Hill}}(\text{GPa})$ 

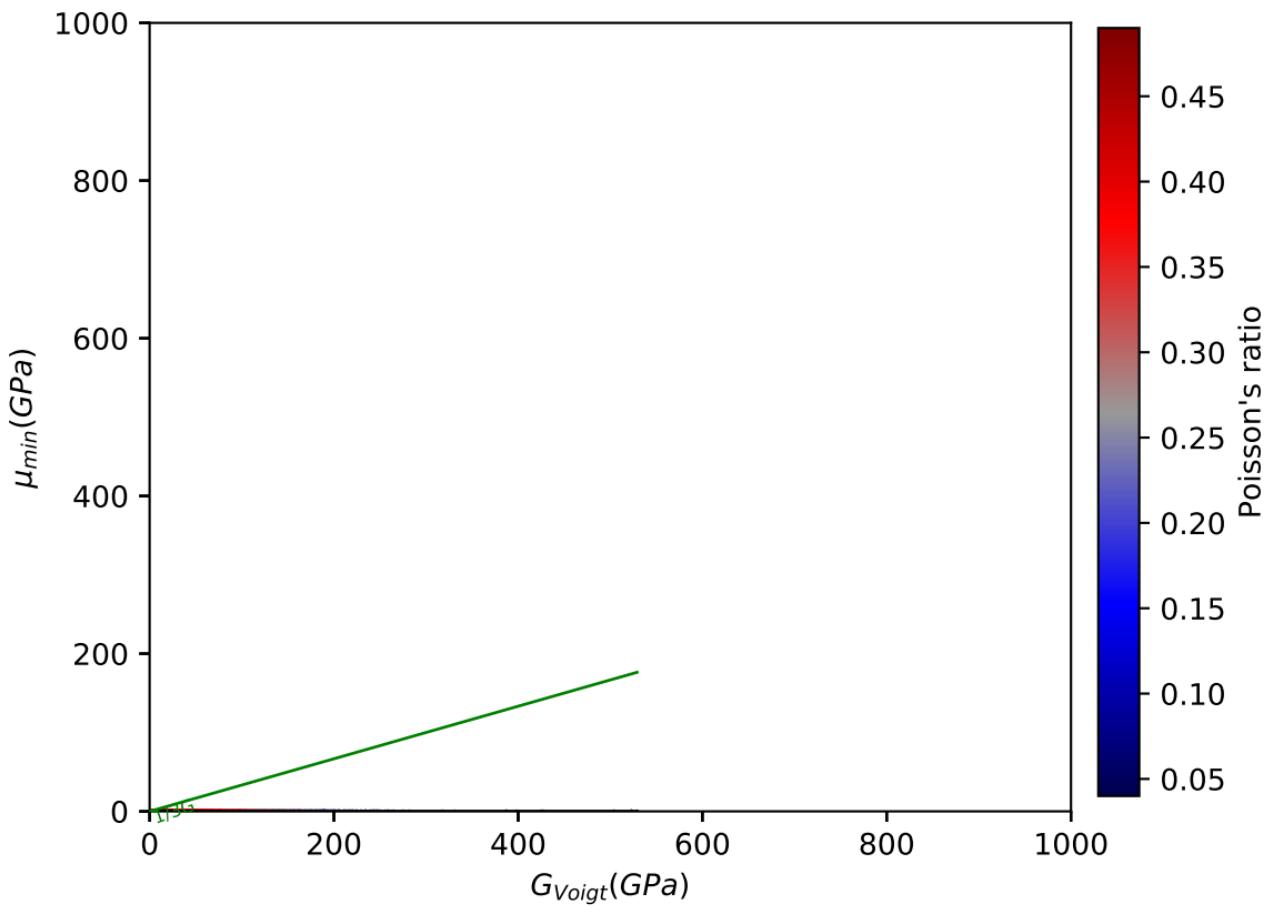


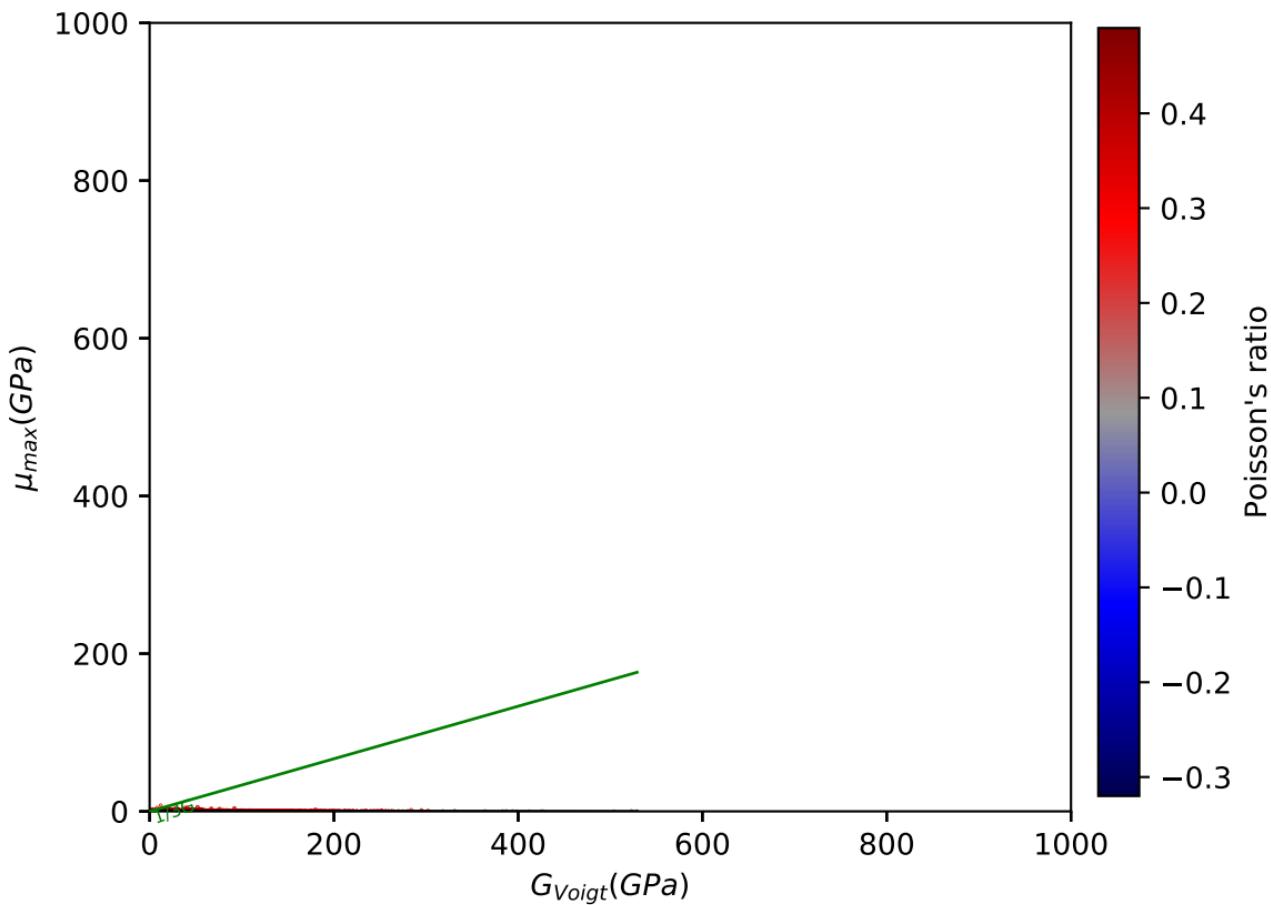


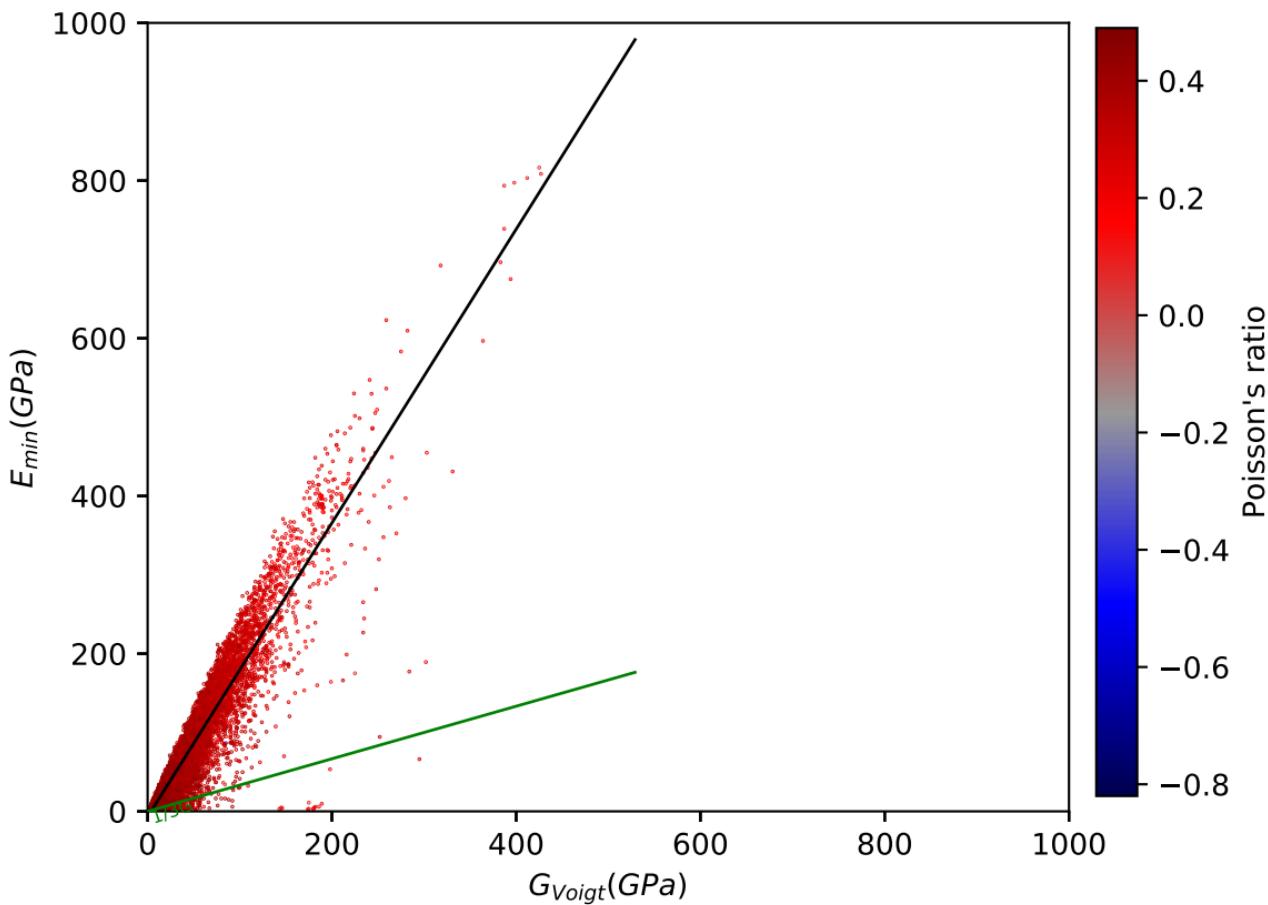


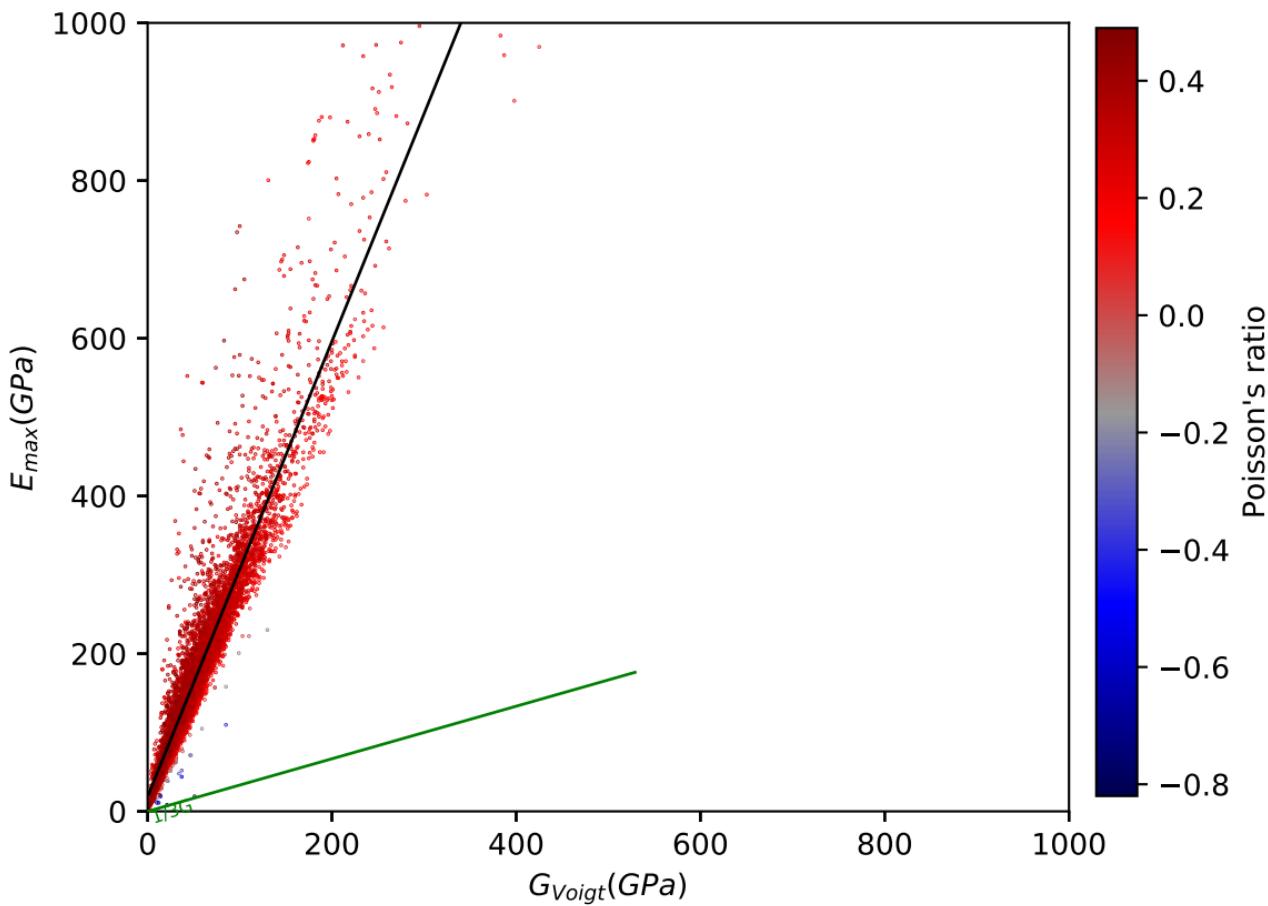


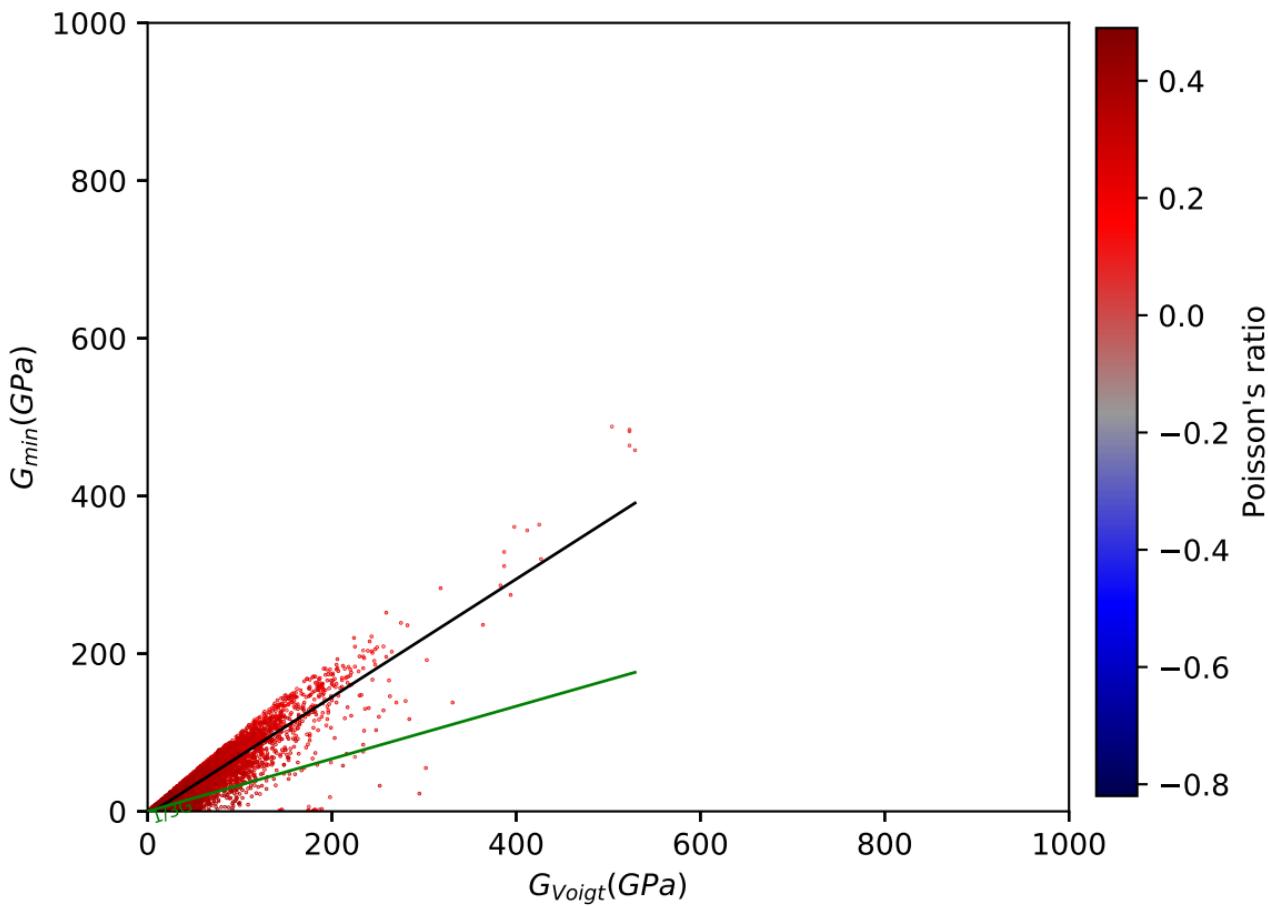


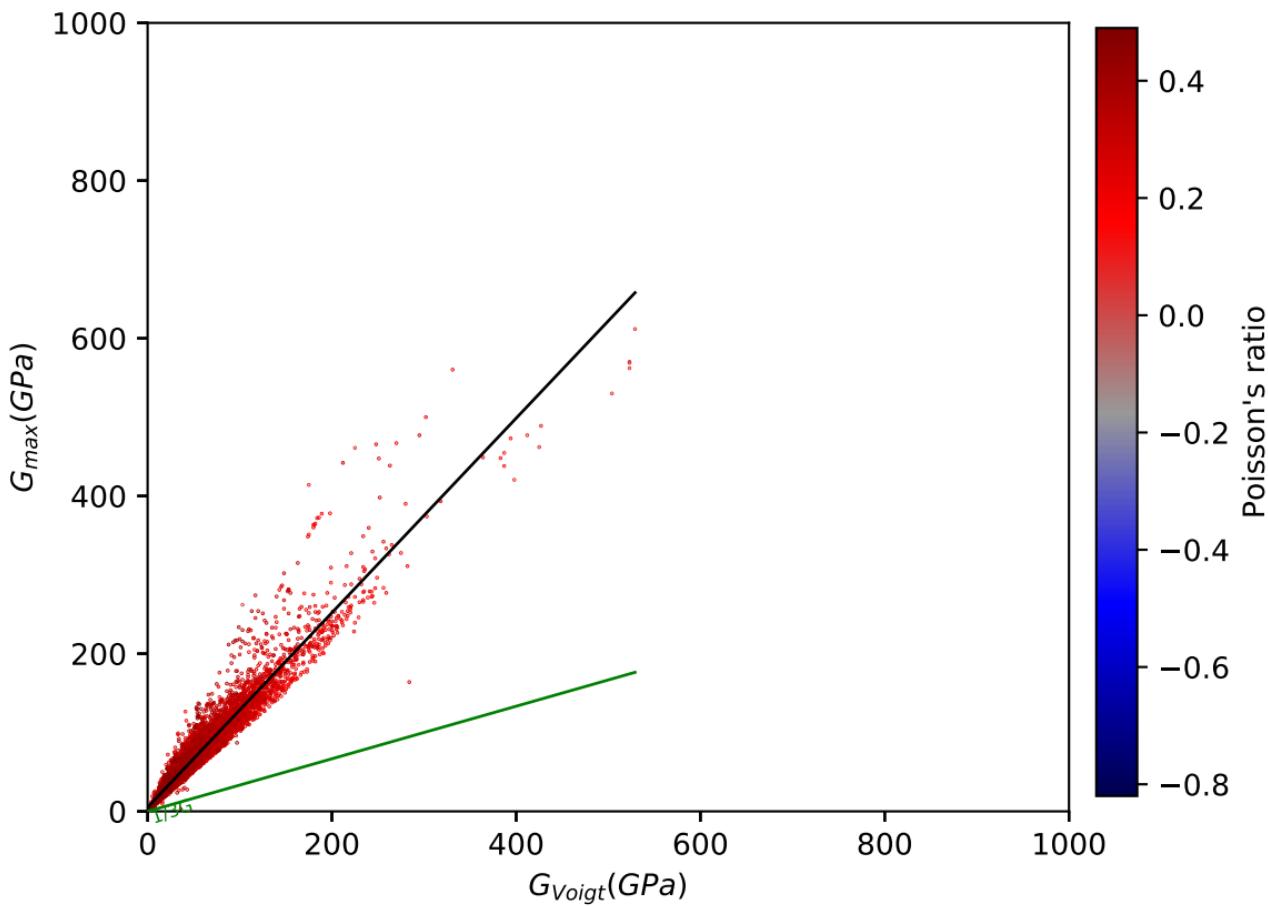


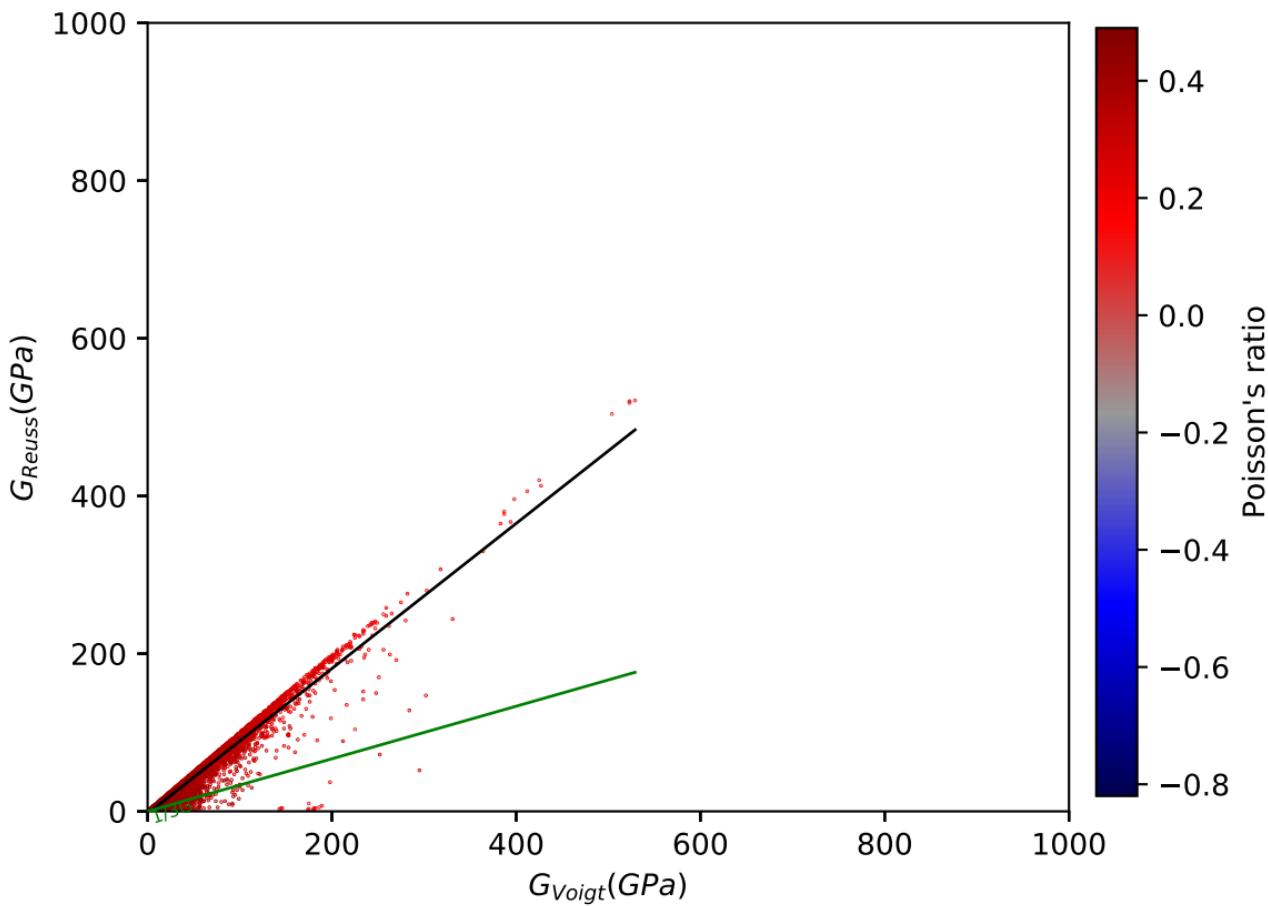












$G_{Voigt \text{ Reuss } Hill}(GPa)$ 