Erratum

Modelling microseismicity of a producing reservoir from coupled fluid-flow and geomechanical simulation

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The authors of the paper above would like to highlight some errors that were not transferred correctly by the publisher at proof correction stage:

In the Model Geometry section, the sentence:

The dynamic behaviour of the fault is defined by a cohesionless Mohr-Coulomb failure criterion for the fault contact elements using the coefficient of friction *m*.

should read:

The dynamic behaviour of the fault is defined by a cohesionless Mohr-Coulomb failure criterion for the fault contact elements using the coefficient of friction μ.

Equation 2 describing the pseudo scalar seismic moment M_0 should read
$M_0 = [(m_1^2 + m_2^2 + m_3^2)/2]^{1/2}$.

In the Discussion section, the sentence:

Within the results data file, it is observed that the events associated with the faults are moderate in pseudo scalar moment (compare Figs 3 and 7 and note the absence of moderate pseudo scalar moment shear events between 105.5 and 105.6 and lower number of shear events near left hand fault in Fig. 7) and this is likely governed by the strength and motion of the fault.

should read:

Within the results data file, it is observed that the events associated with the faults are moderate in pseudo scalar moment (compare Figs 3 and 7 and note the absence of moderate pseudo scalar moment shear events between $10^{5.5}$ and $10^{5.6}$ and lower number of shear events near left hand fault in Fig. 7) and this is likely governed by the strength and motion of the fault.

References

Angus, D.A., J-M. Kendall, Q.J. Fisher, J.M. Segura, S. Skachkov, A.J.L. Crook and M. Dutko (2010) Modelling microseismicity of a producing reservoir from coupled fluid-flow and geomechanical simulation, *Geophysical Prospecting*, **58**(5), 901-913.