S1 Fig. Full models and final models obtained after the model building approach for each parameter. Only significant terms were retained in final models.

Legends:
```
LogSM is Log(storage modulus)
LogSTF is Log(stiffness)
LogSTRAIN is Log(strain)
type is type of wound
cv is cultivar of Linum usitatissimum
sample is individual
```

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1 - Full models used to start the model-building approach:

(a) Storage Modulus
```
          LogSM~LogSTRAIN*type*cv+(LogSTRAIN*type*cv|pot/sample)
```
(b) Stiffness
```
         LogSTF~LogSTRAIN*type*cv+(LogSTRAIN*type*cv|pot/sample)
```
(c) Tan Delta
```
          tan delta~strain*type*cv+(strain*type*cv|pot/sample)
```
(d) Plant Height at 95 DAS
```
                  H_95DAS~type*cv+(1|pot/sample))
```
(e) Plant Diameter at 95 DAS
```
                    diam~type*cv+(1|pot/sample)
```

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2 - Final models retained after both random and fixed effects checking:

(a) Storage Modulus
```
   LogSM~LogSTRAIN+type+cv+LogSTRAIN:type + LogSTRAIN:cv+(LogSTRAIN|sample)
```
(b) Stiffness
```
  LogSTF~LogSTRAIN+type+cv+LogSTRAIN:type + LogSTRAIN:cv+(LogSTRAIN|sample)
```
(c) Tan Delta
```
          lmer(tan delta~strain+type+cv+strain:cv+(strain|sample)
```
(d) Plant Height at 95 DAS
```
                  H_95DAS~type*cv+(1|pot/sample))
```
(e) Plant Diameter at 95 DAS
```
                    diam~type*cv+(1|pot/sample)
```