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Spatial arrangement and size distribution of normal faults, Buckskin detachment upper plate, Western Arizona

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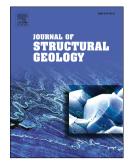
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### 1 Spatial arrangement and size distribution of normal faults, Buckskin

#### 2 Detachment upper plate, Western Arizona

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#### 14 Highlights

15 • Normal faults above a detachment have wide displacement size range

• Faults of displacement >1 m have 20 m regular spacing

- Faults of displacement <1 m are clustered, with hierarchy of cluster sizes
- 18 Normalized correlation count is effective for characterizing spatial arrangement
- Fault size and spatial patterns reflect strain, mechanical stratigraphy, fault topography

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