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

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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
- 16 • Faults of displacement >1 m have 20 m regular spacing
- 17 • Faults of displacement <1 m are clustered, with hierarchy of cluster sizes
- 18 • Normalized correlation count is effective for characterizing spatial arrangement
- 19 • Fault size and spatial patterns reflect strain, mechanical stratigraphy, fault topography

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