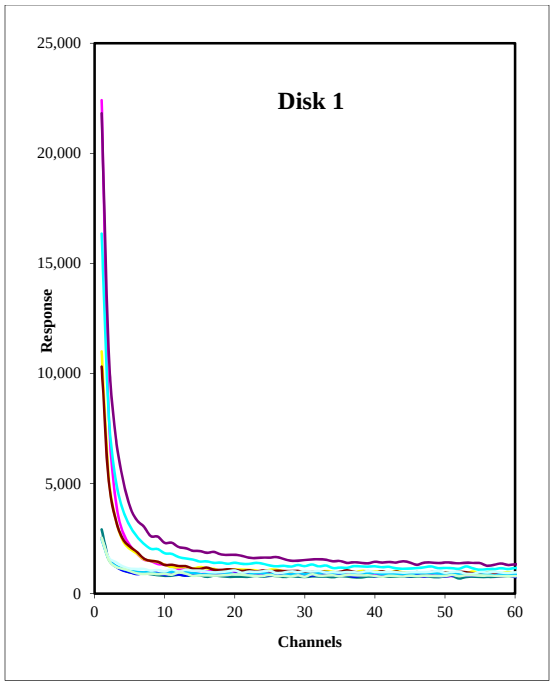
GSA Data Repository Item 2020159

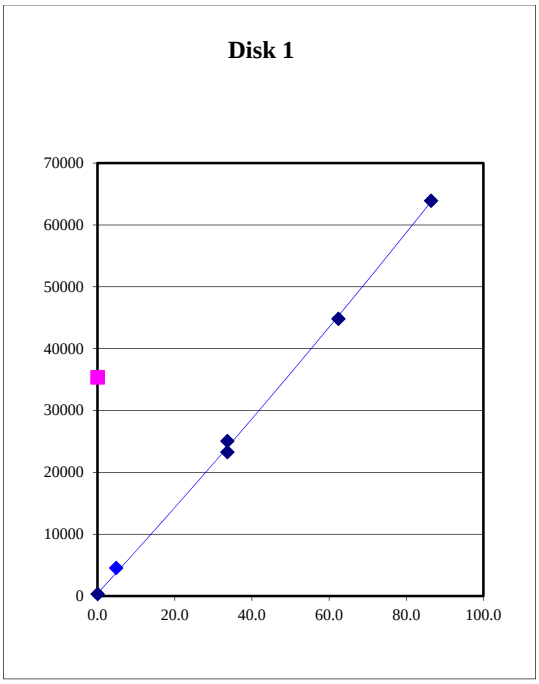
Sweeney, M.R., McDonald, E.V., Chabela, L.P., and Hanson, P.R., 2020, The role of eolian-fluvial interactions and dune dams in landscape change, late Pleistocene–Holocene, Mojave Desert, USA: GSA Bulletin, https://doi.org/10.1130/B35434.1.

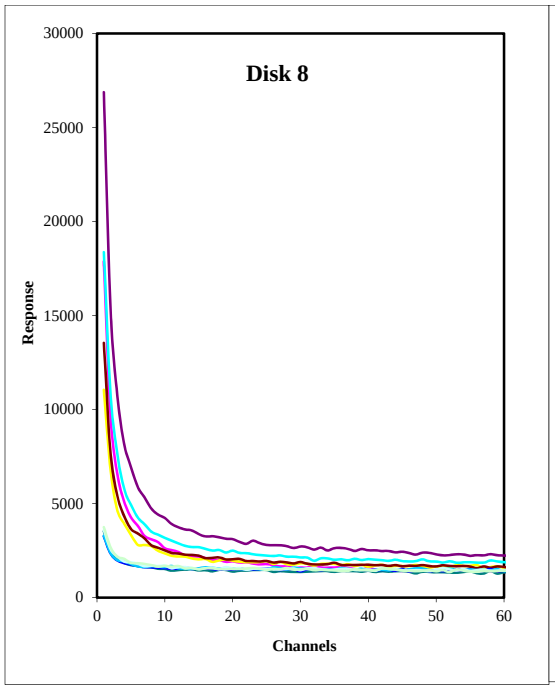
Data Repository

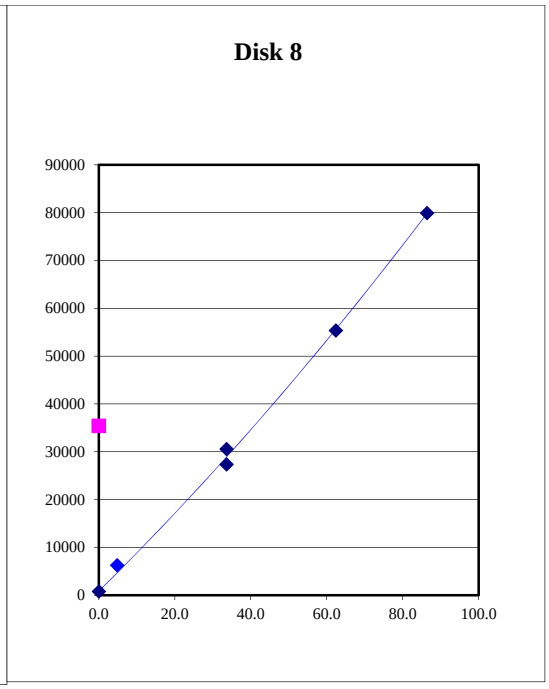
Table. GPS locations; grain size % gravel, sand, silt, clay; geochemical data and plot.

OSL Data

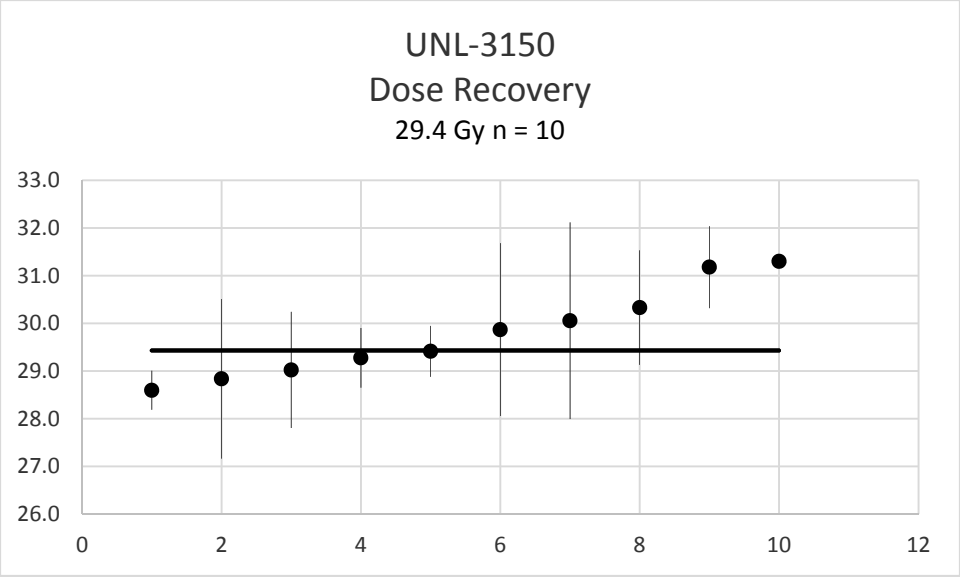




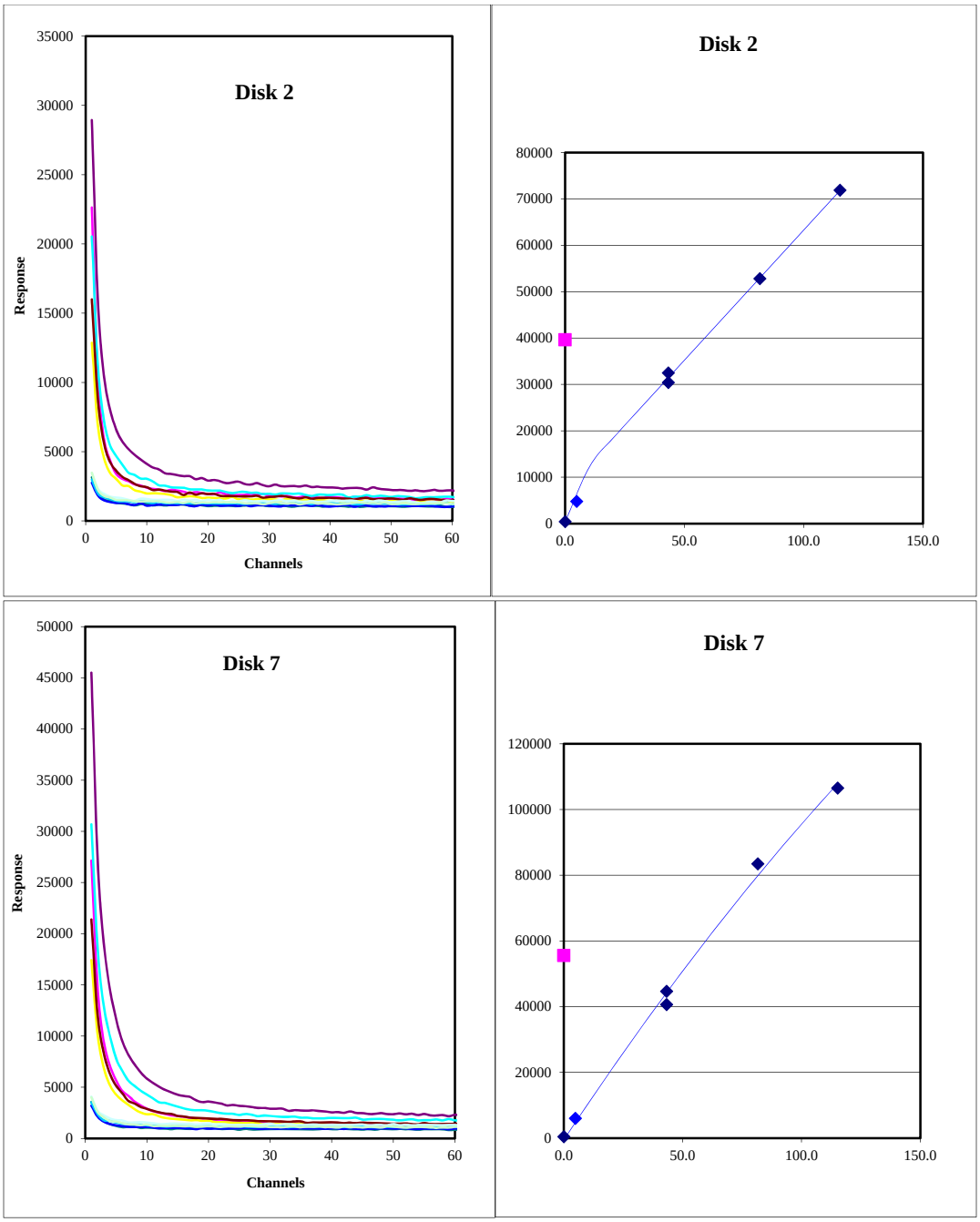




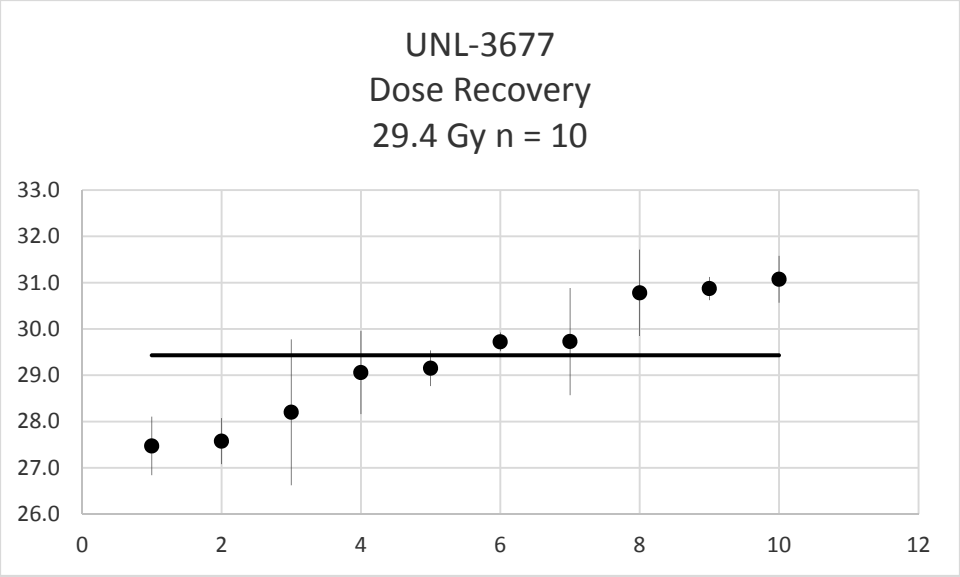
Decay curves for natural, regenerative and test doses and growth curve from two aliquots for sample UNL-3150. UNL-3150 was collected from an eolian sand deposit.



Dose recovery data for sample UNL-3150. Added dose of 29.4 Gy is shown by the black bar. All recovered doses for the 10 aliquots fell within 10% of the added dose.

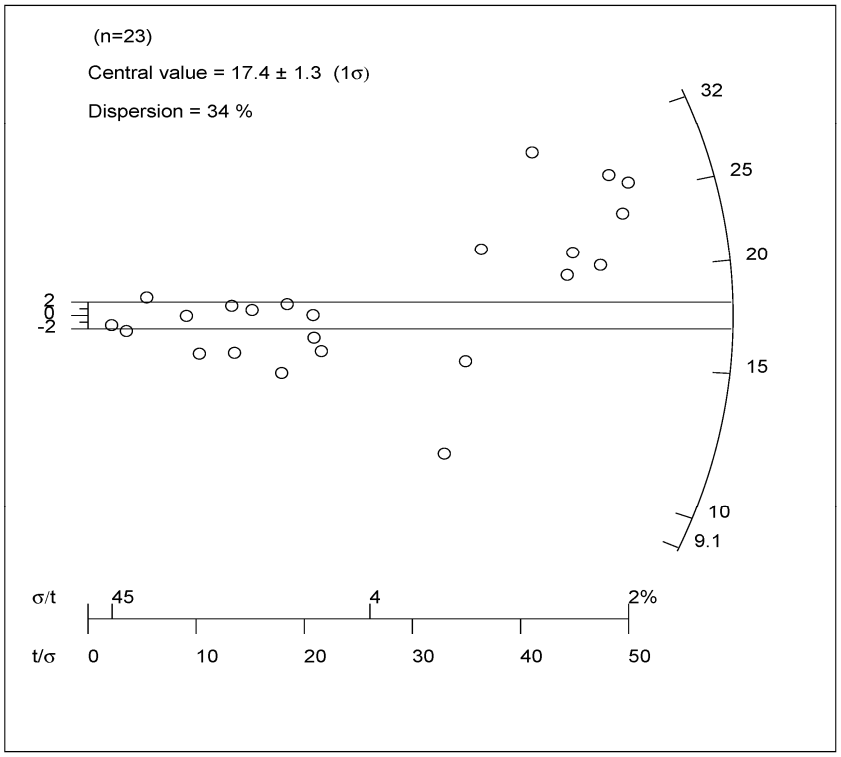


Decay curves for natural, regenerative and test doses and growth curve from two aliquots for sample UNL-3677. UNL-3677 was collected from an alluvial fan deposit.

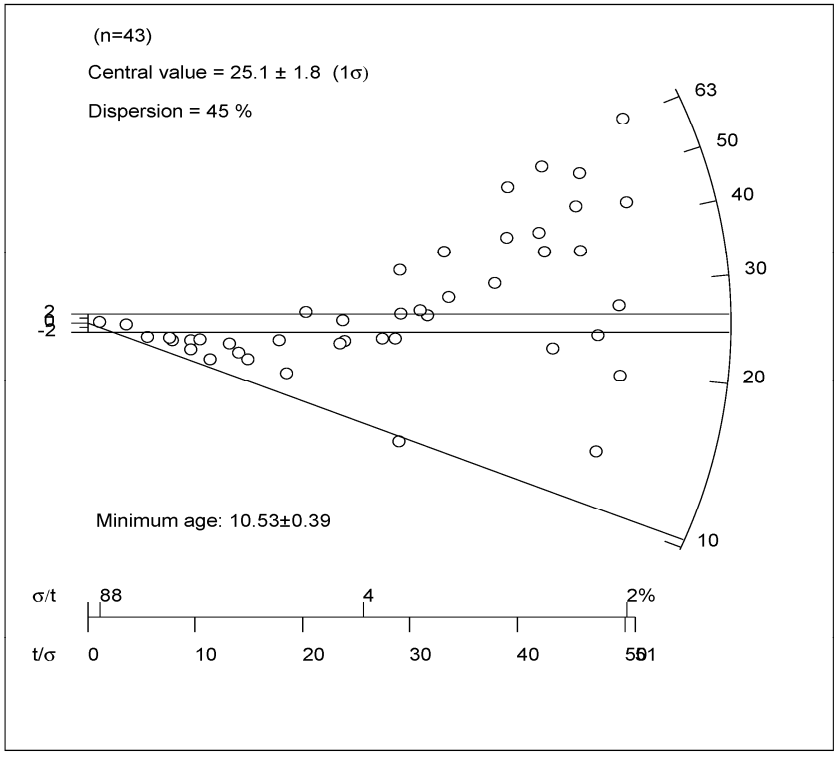


Dose recovery data for sample UNL-3677. Added dose of 29.4 Gy is shown by the black bar. All recovered doses for the 10 aliquots fell within 10% of the added dose.

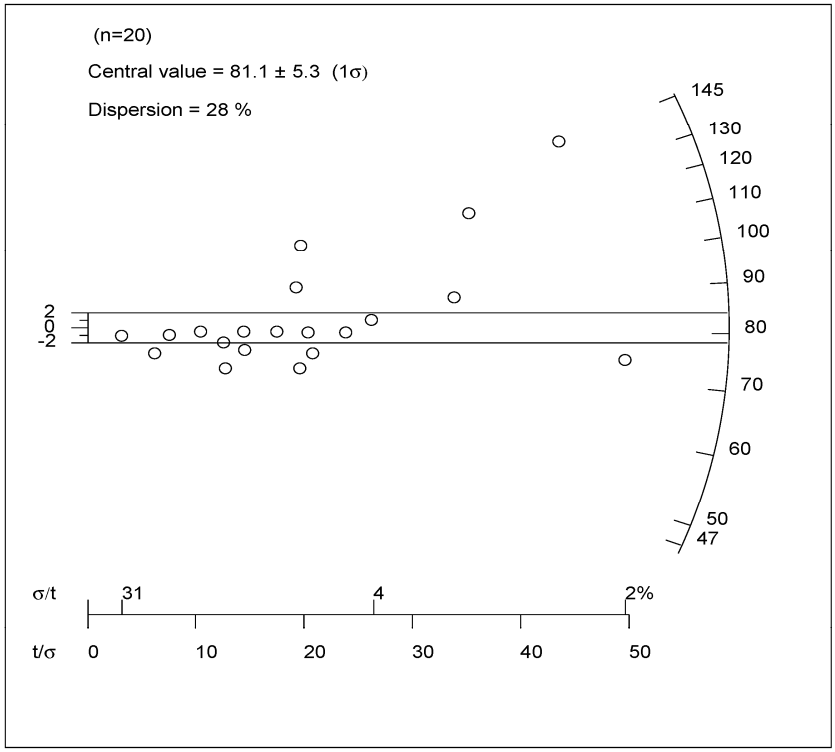
UNL-1973



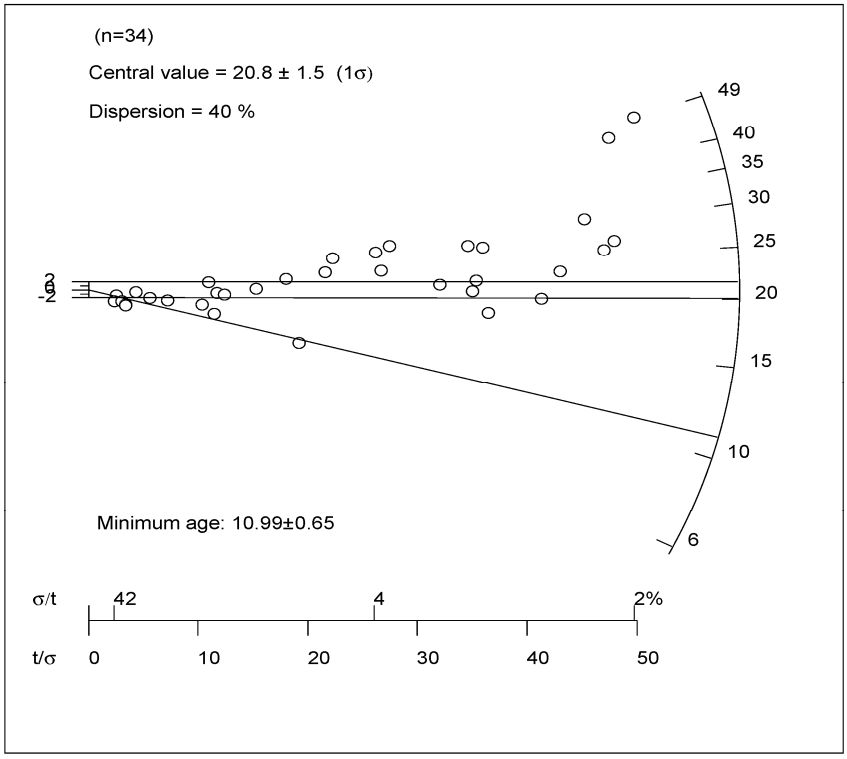
UNL-1974



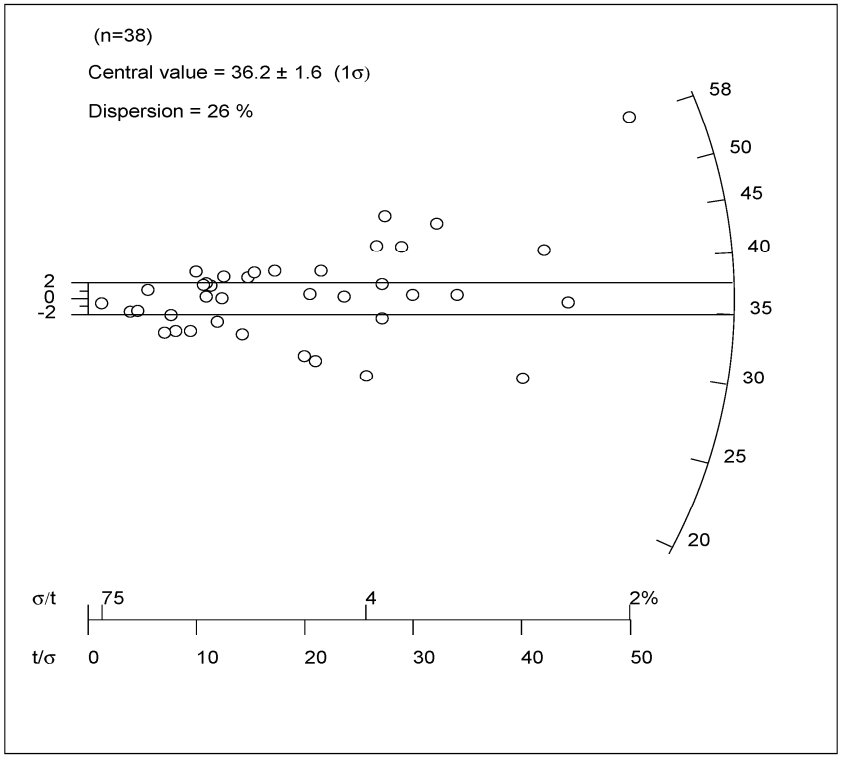
UNL-2381



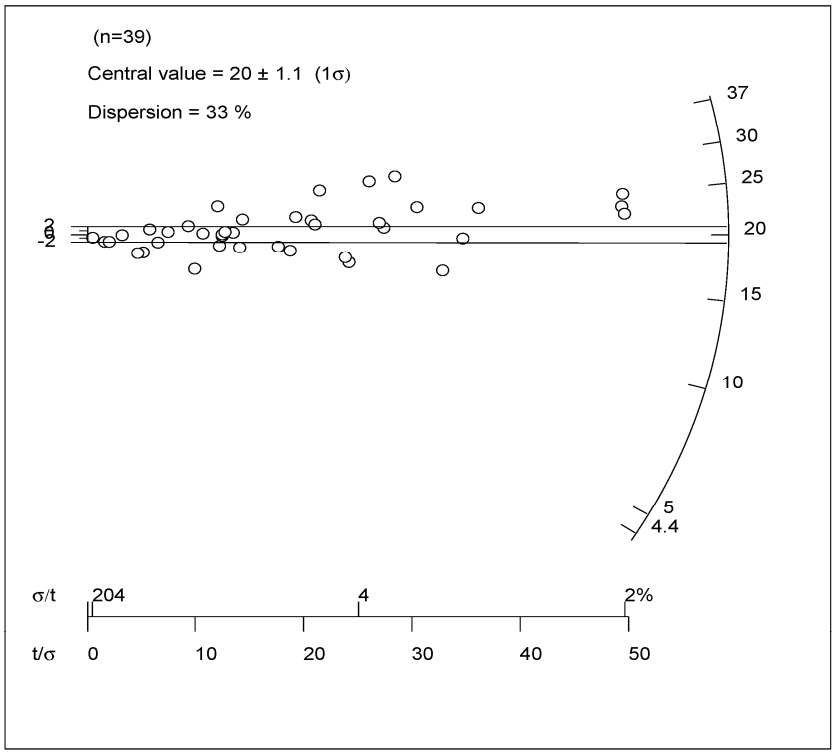
UNL-2383



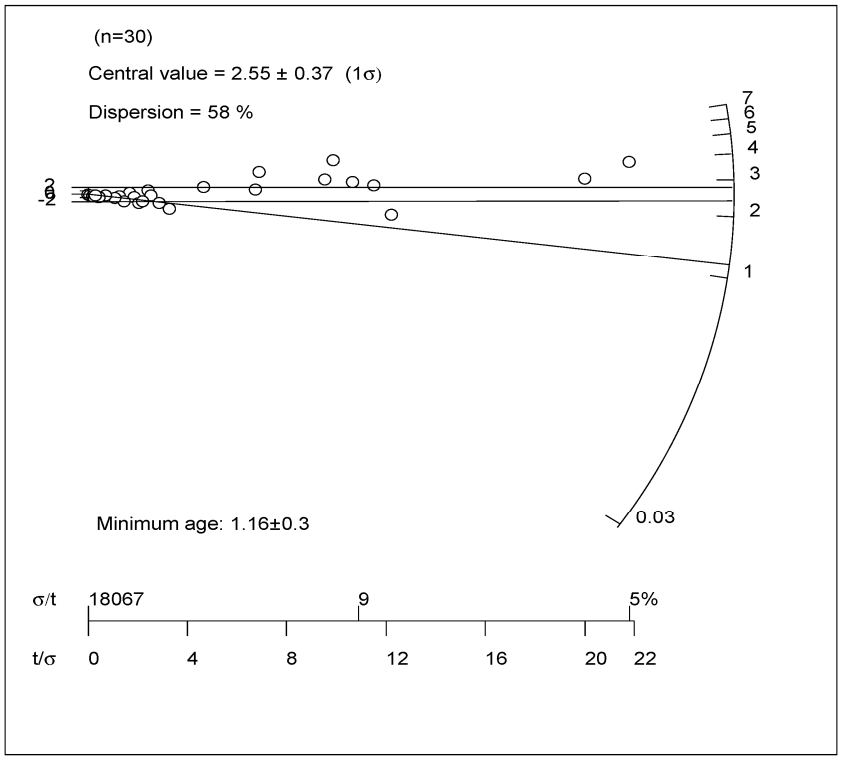
UNL-3147



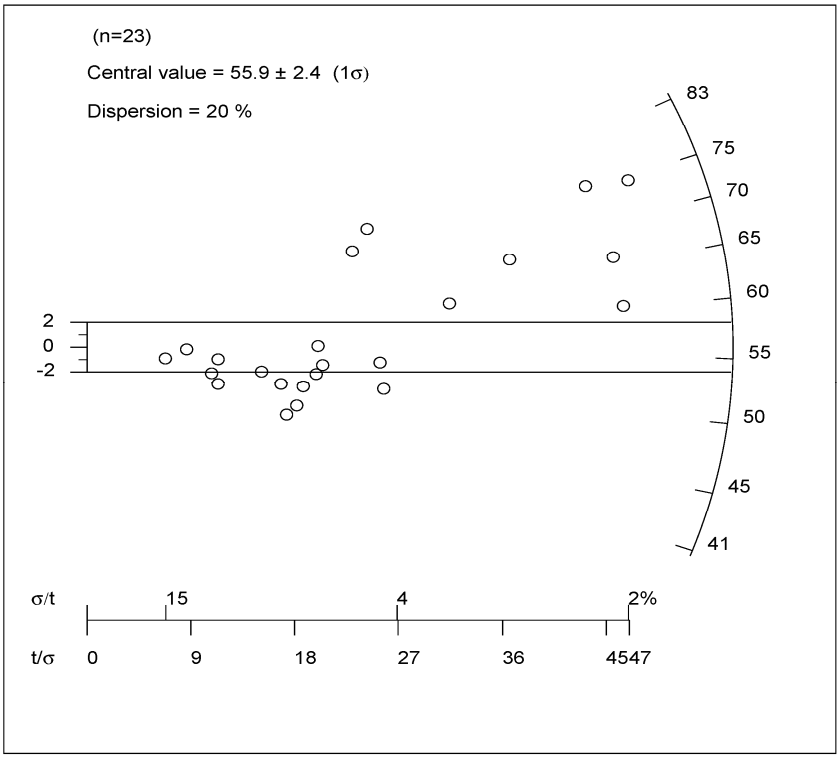
UNL-3148



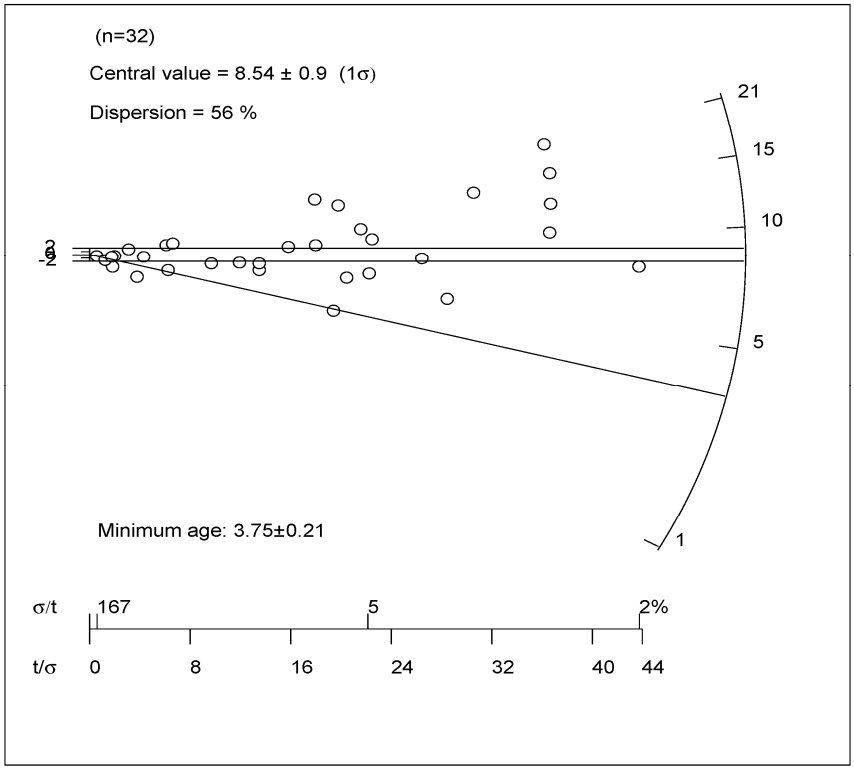
UNL-3149



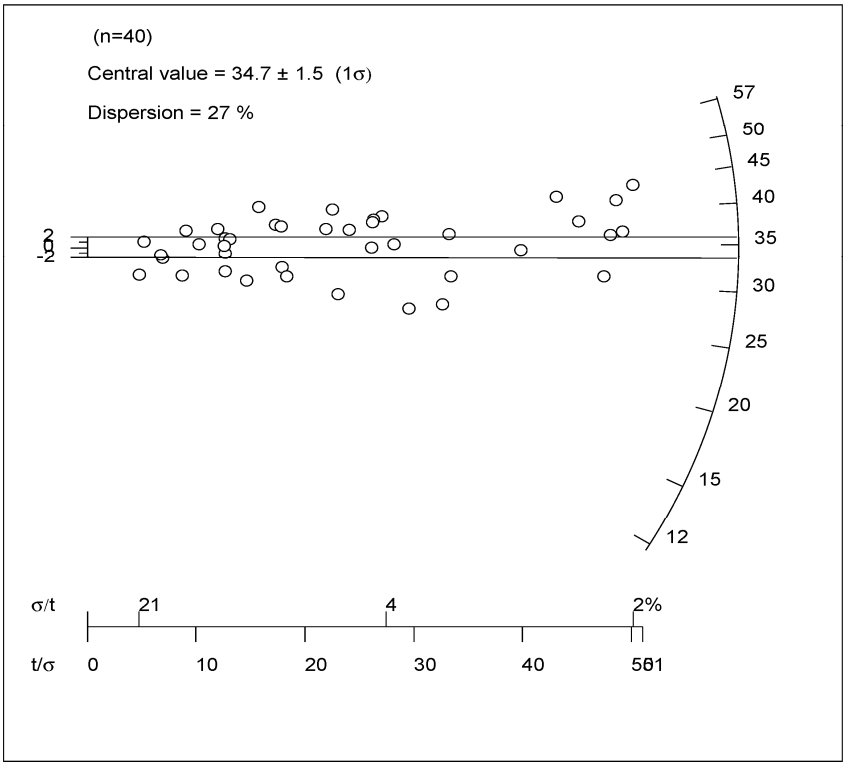
UNL-3150



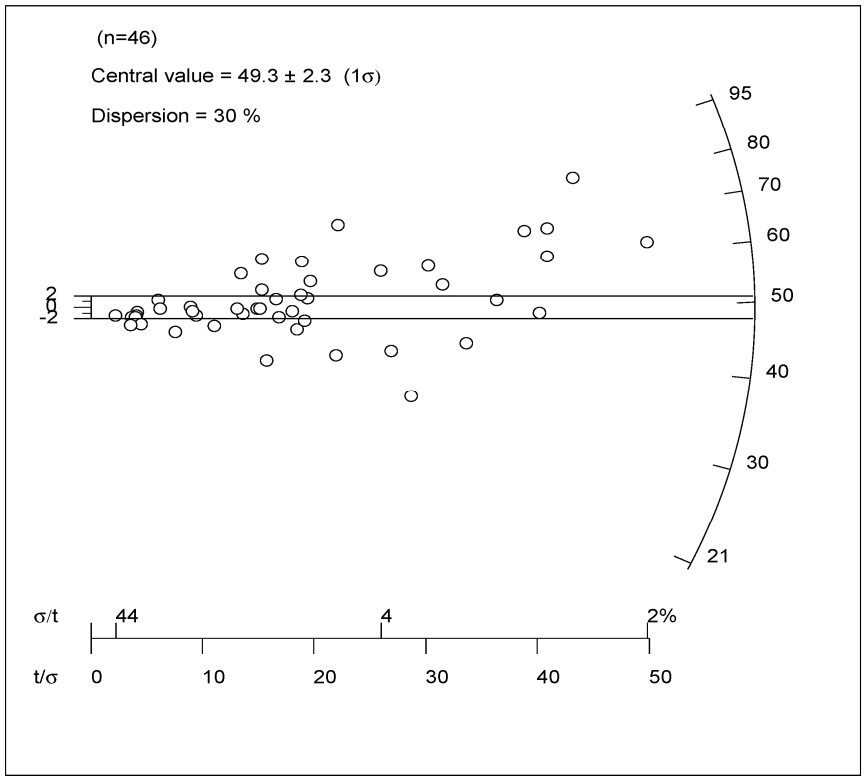
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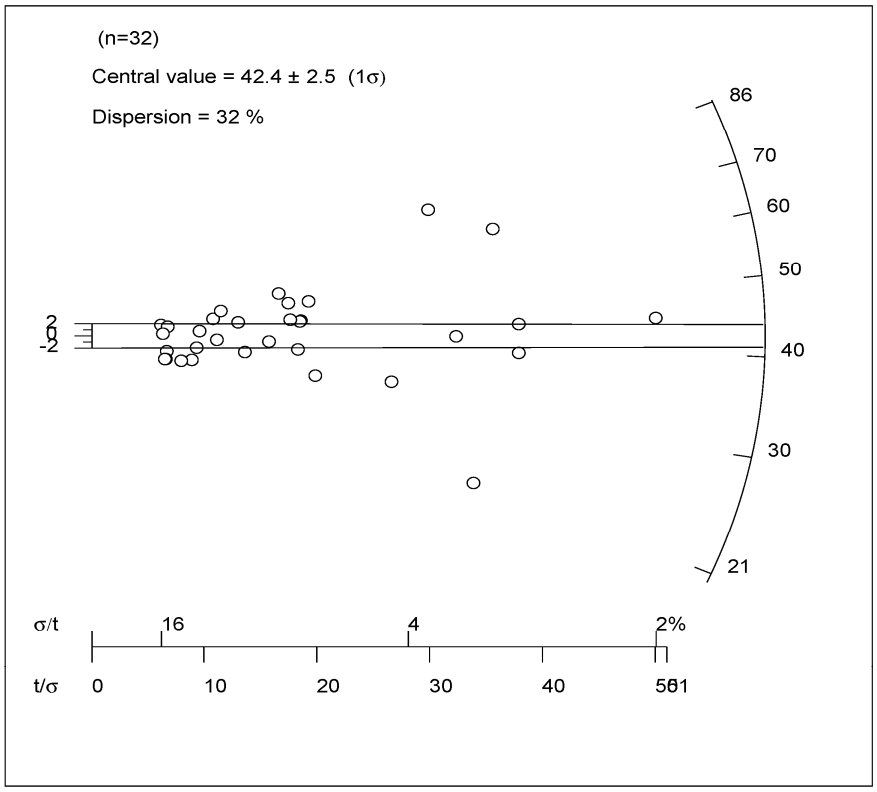
UNL-3152



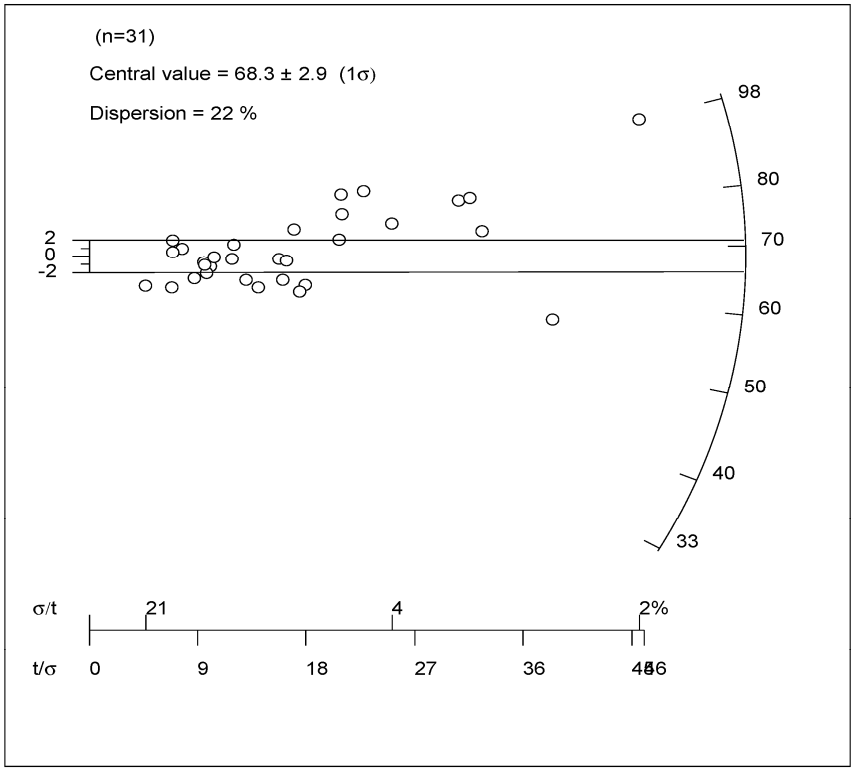
UNL-3676



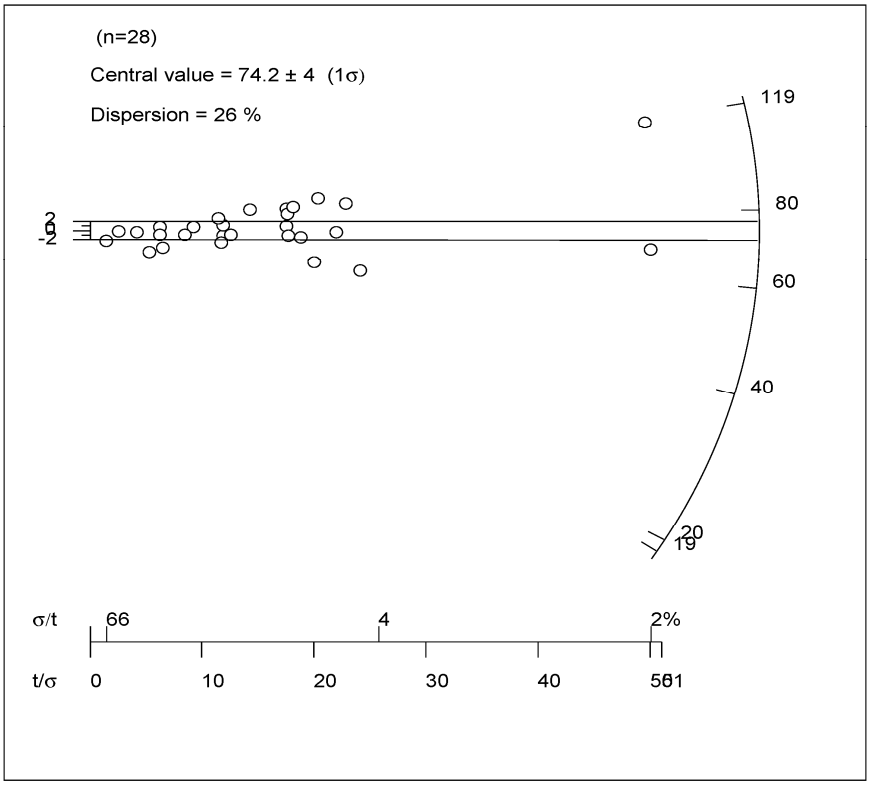
UNL-3677



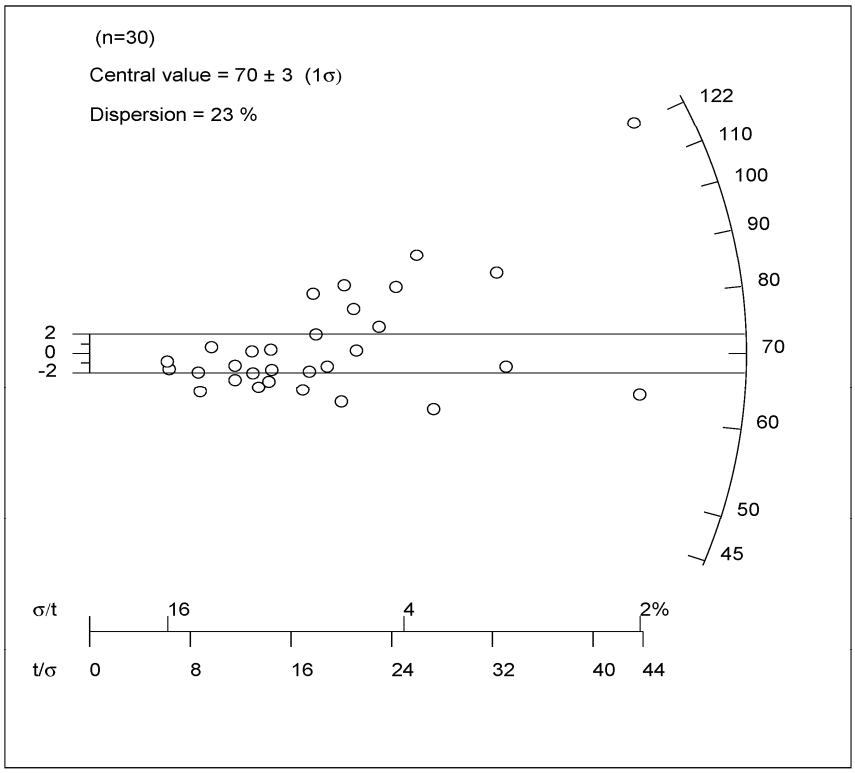
UNL-3678



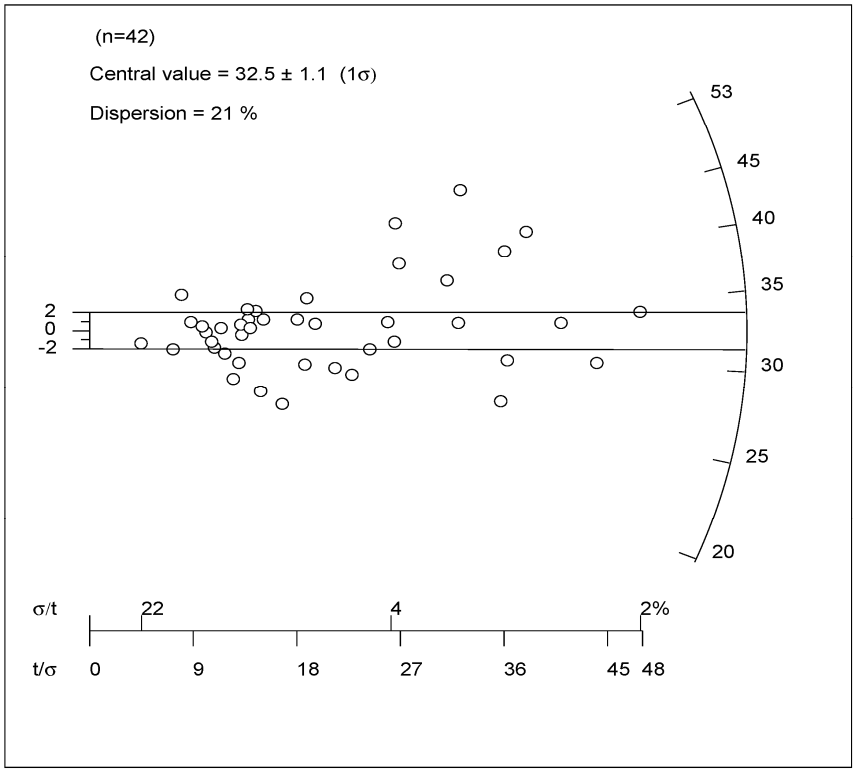
UNL-3679



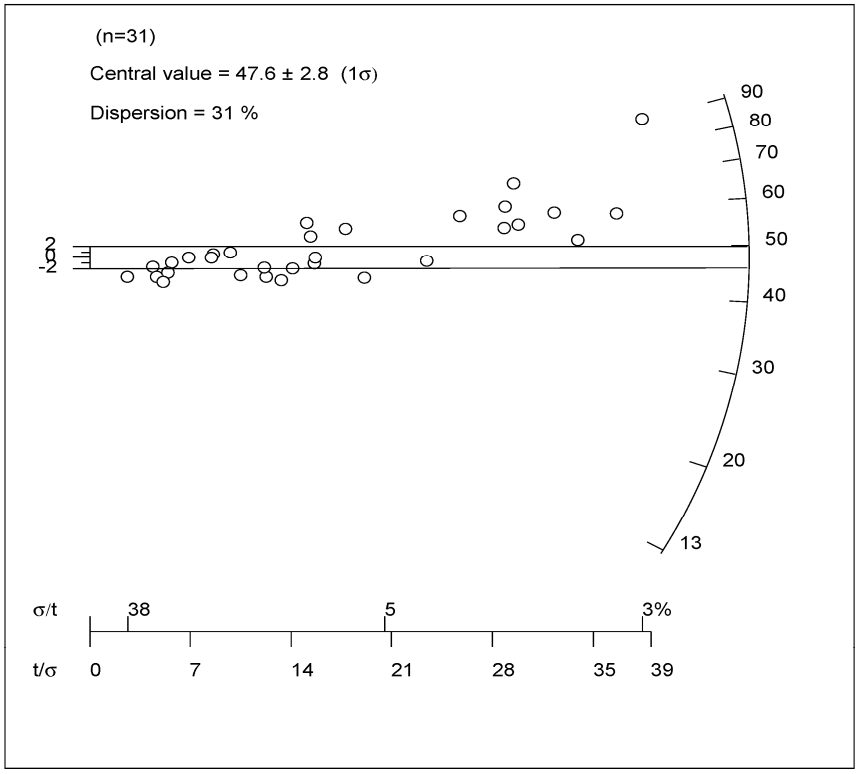
UNL-3680



UNL-3681



UNL-3682


(n=31)
Central value = 47.6 ± 2.8 (1σ)
Dispersion = 31 %
90
80
70
60
50
40
30
20
13
2
0
-2
σ/t
38
5
3%
t/σ
0
7
14
21
28
35
39