

Definition MSP generic format

The file must be a tab, space, or comma delimited file and can contain data for multiple specimens. Every line should contain following fields:

[site specimen_name step x y z exp error treatment_temp lab_field]. Please note that the specimen name cannot contain spaces.

The [exp] is the exponent, typically -1, 0, 1, and [error] is the error, typically 0, 1, 2, 3, as is given by the JR6 output file. The treatment_temp is the temperature step in °C and the lab field is in μT .

File format – MSP generic format

[site]	[name0]	[MSP_type0]	[x0]	[y0]	[z0]	[exp0]	[error0]	[temp]	[labfield]
[site]	[name0]	[MSP_type1]	[x1]	[y1]	[z1]	[exp1]	[error1]	[temp]	[labfield]
[site]	[name0]	[MSP_type2]	[x2]	[y2]	[z2]	[exp2]	[error2]	[temp]	[labfield]
[site]	[name0]	[MSP_type3]	[x3]	[y3]	[z3]	[exp3]	[error3]	[temp]	[labfield]
[site]	[name0]	[MSP_type4]	[x4]	[y4]	[z4]	[exp4]	[error4]	[temp]	[labfield]
[site]	[name1]	[MSP_type0]	[x0]	[y0]	[z0]	[exp0]	[error0]	[temp]	[labfield]

MSP_Types:

T0 or M0 or NRM	the NRM of the specimen
T1 or M1	first treatment step
T2 or M2	second treatment step
T3 or M3	third treatment step
T4 or M4	fourth treatment step

The treatment steps NRM and T1 are obligatory for each specimen, these are as defined by Dekkers & Böhnelt (2006). Treatment steps T2-T4 are optional, these are defined by Fabian & Leonhardt (2010).