

3.2. Statistical Parameter of grain-size

Parameters	Folk & Ward formula
Median (Medyan)	$Md = \phi_{50}$
M_z Mean (Ortalama)	$M = (\phi_{16} + \phi_{50} + \phi_{84}) / 3$
ϕ_{σ} Sorting (Boylanma)	$\sigma_{\phi} = ((\phi_{84} - \phi_{16}) / 4) + ((\phi_{95} - \phi_5) / 6.6)$
J_{KI} Skewness (Yamukluk)	$S_k = ((\phi_{84} + \phi_{16} - 2\phi_{50}) / (2(\phi_{84} - \phi_{16}))) + ((\phi_5 + \phi_{95} - 2\phi_{50}) / (2(\phi_{95} - \phi_5)))$
K_G Kurtosis (Tepelenme, basiklik)	$K_g = ((\phi_{95} - \phi_5) / (2.44(\phi_{75} - \phi_{25})))$

Inclusive graphic standart deviation (σ_1):

less than	0.35	very well sorted
	0.35/0.5	well sorted
	0.5/0.71	moderately well sorted
	0.71/1.00	moderately sorted
	1.00/2.00	poorly sorted
more than	2.00	very poorly sorted

Skewness (S_k):

more than	+0.30	strongly fine-skewed
	+0.30/+ 0.10	fine skewed
	+0.1/-0.10	nearly symetric
	-0.10/-0.30	coarse skewed
less than	-0.30	strongly coarse- skewed

Kurtosis (K_g):

less than	0.67	very platykurtic
	0.67/0.90	platykurtic
	0.90/1.11	mesokurtic
	1.11/1.50	leptokurtic
	1.50/3.00	very leptokurtic
more than	3.00	extremely leptokurtic