

Supporting Table S 3: List of features defined only for afix and ain condition. Each features is calculated once for afix and once for ain condition.

Feature name	Description
$\text{MAXIMUMANGLE}^{\text{left } a}$	$\operatorname{argmax}_{\theta \in L} tc(\theta)$
$\Delta \text{MAXIMUMANGLE}$	$\text{MAXIMUMANGLE}^{\text{right}} - \text{MAXIMUMANGLE}^{\text{left}}$
$\text{OUTERWIDTH}^{\text{left}}$	$(\text{MAXIMUMANGLE}^{\text{left}} - \text{OUTERMINIMUMANGLE}) \bmod 360$
$\text{INNERWIDTH}^{\text{left}}$	$(\text{INNERMINIMUMANGLE} - \text{MAXIMUMANGLE}^{\text{left}}) \bmod 360$
$\text{WIDTH}^{\text{left}}$	$\text{INNERWIDTH}^{\text{left}} + \text{OUTERWIDTH}^{\text{left}}$
$\Delta \text{WIDTH}^{\text{left}}$	$\text{OUTERWIDTH}^{\text{left}} - \text{INNERWIDTH}^{\text{left}}$
$\Delta \text{OUTERWIDTH}^{\text{left}}$	$\text{OUTERWIDTH}^{\text{right}} - \text{OUTERWIDTH}^{\text{left}}$
$\Delta \text{INNERWIDTH}^{\text{left}}$	$\text{INNERWIDTH}^{\text{right}} - \text{INNERWIDTH}^{\text{left}}$
$\text{MAXIMUM}^{\text{left}}$	$tc(\text{MAXIMUMANGLE}^{\text{left}})$
$\text{PEAKTOPEAK}^{\text{left}}$	$\text{MAXIMUM}^{\text{left}} - \text{GLOBALMINIMUM}$
$\Delta \text{MAXIMUM}$	$\text{MAXIMUM}^{\text{right}} - \text{MAXIMUM}^{\text{left}}$
$\text{MINUSKEWNESS}^{\text{left } b}$	$-\text{mom}_3(\tilde{L})/\text{mom}_2^{1.5}(\tilde{L})$
$\text{KURTOSIS}^{\text{left}}$	$\text{mom}_4(\tilde{L})/\text{mom}_2^2(\tilde{L})$
$\Delta \text{SKEWNESS}$	$\text{SKEWNESS}^{\text{right}} - \text{MINUSKEWNESS}^{\text{left}}$
$\Delta \text{KURTOSIS}$	$\text{KURTOSIS}^{\text{right}} - \text{KURTOSIS}^{\text{left}}$
DIP	$(\text{MAXIMUM}^{\text{left}} + \text{MAXIMUM}^{\text{right}})/2 - \text{INNERMINIMUM}$
DIP^{left}	$\text{MAXIMUM}^{\text{left}} - \text{INNERMINIMUM}$
$\text{OUTERBANDWIDTH}_{X\%}^{\text{left}}$	$bw(\text{MAXIMUMANGLE}^{\text{left}}, \text{left}, X)$
$\text{INNERBANDWIDTH}_{X\%}^{\text{left}}$	$bw(\text{MAXIMUMANGLE}^{\text{left}}, \text{right}, X)$
$\text{BANDWIDTH}_{X\%}^{\text{left}}$	$\text{INNERBANDWIDTH}_{X\%}^{\text{left}} + \text{OUTERBANDWIDTH}_{X\%}^{\text{left}}$

^a $L = [45, \text{INNERMINIMUMANGLE}]$; if $tc(\text{MAXIMUMANGLE}^{\text{left}}) = \text{GLOBALMINIMUM}$ then $\text{MAXIMUMANGLE}^{\text{left}}$ (and likewise all dependent features) is not defined

^bif $0 \leq \text{OUTERMINIMUMANGLE} < \text{INNERMINIMUMANGLE} \leq 360$ then $\tilde{L} = [\text{OUTERMINIMUMANGLE}, \text{INNERMINIMUMANGLE}]$, otherwise $\tilde{L} = [0, 360) \setminus [\text{INNERMINIMUMANGLE}, \text{OUTERMINIMUMANGLE}]$