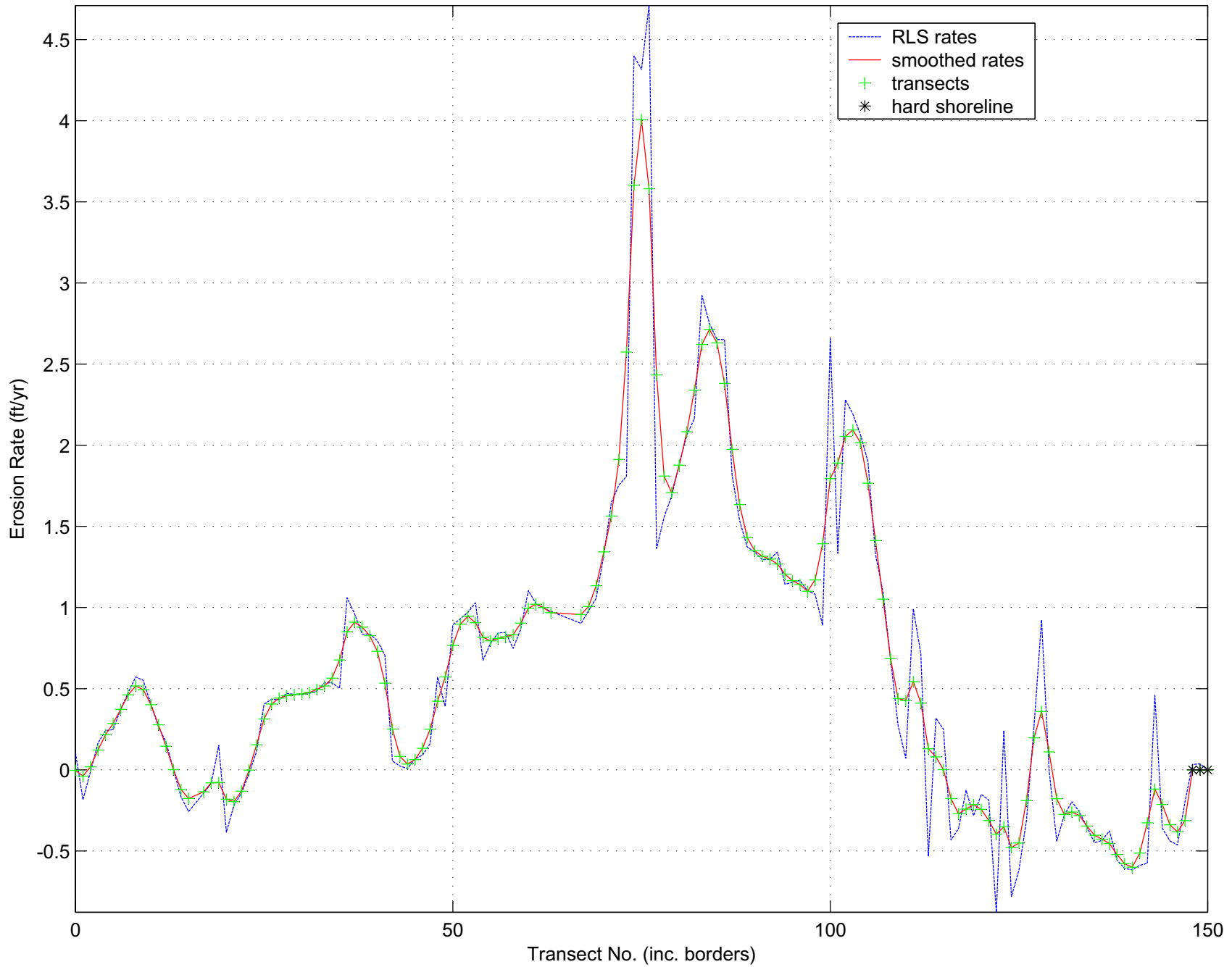
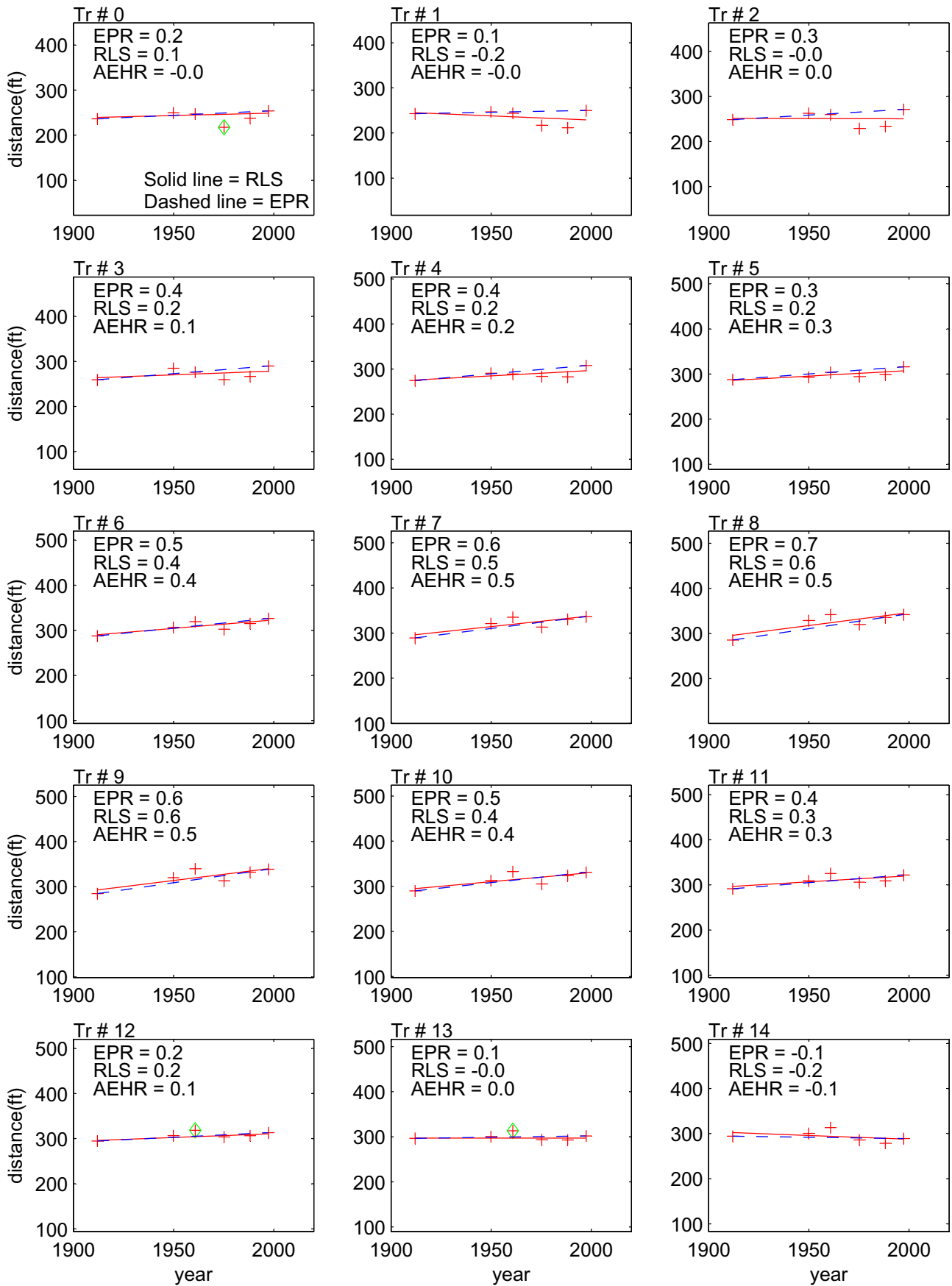


Calculated and Smoothed Ukumehame and Papalaua Erosion Rates

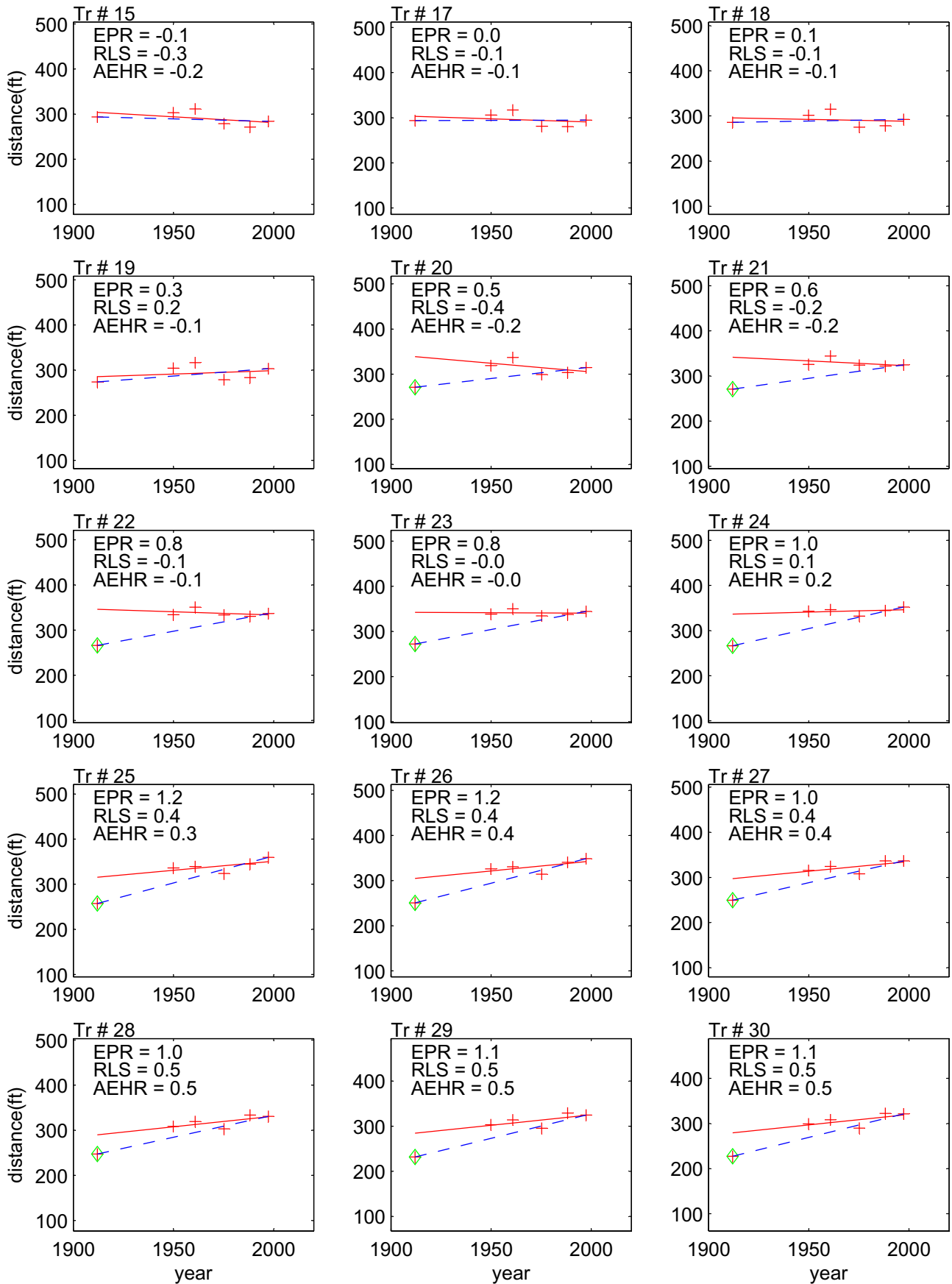


Ukumehame and Papalaua - Shoreline Positions and Erosion Rates



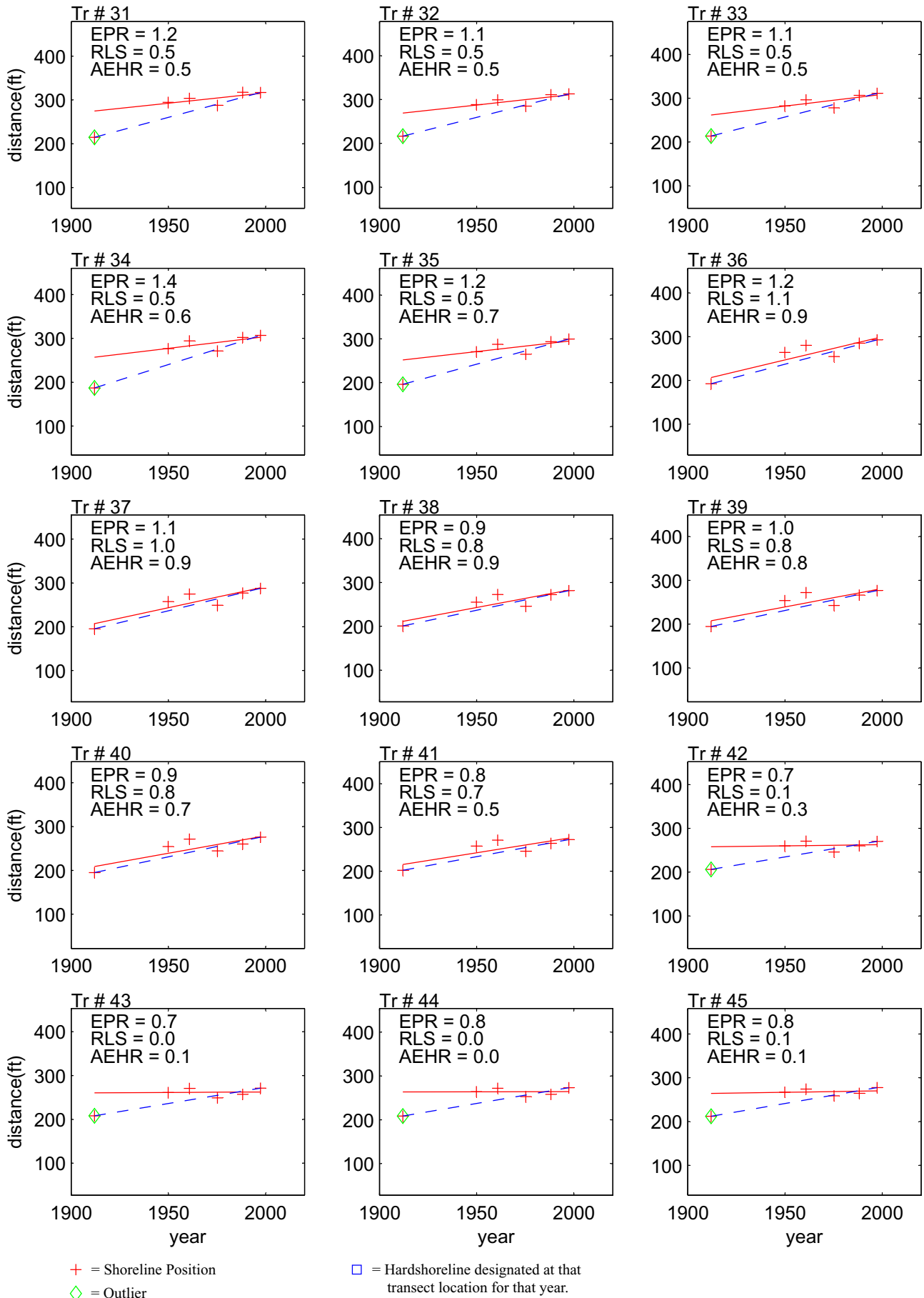
+ = Shoreline Position
 ◇ = Outlier
 □ = Hardshoreline designated at that transect location for that year.

Ukumehame and Papalaua - Shoreline Positions and Erosion Rates

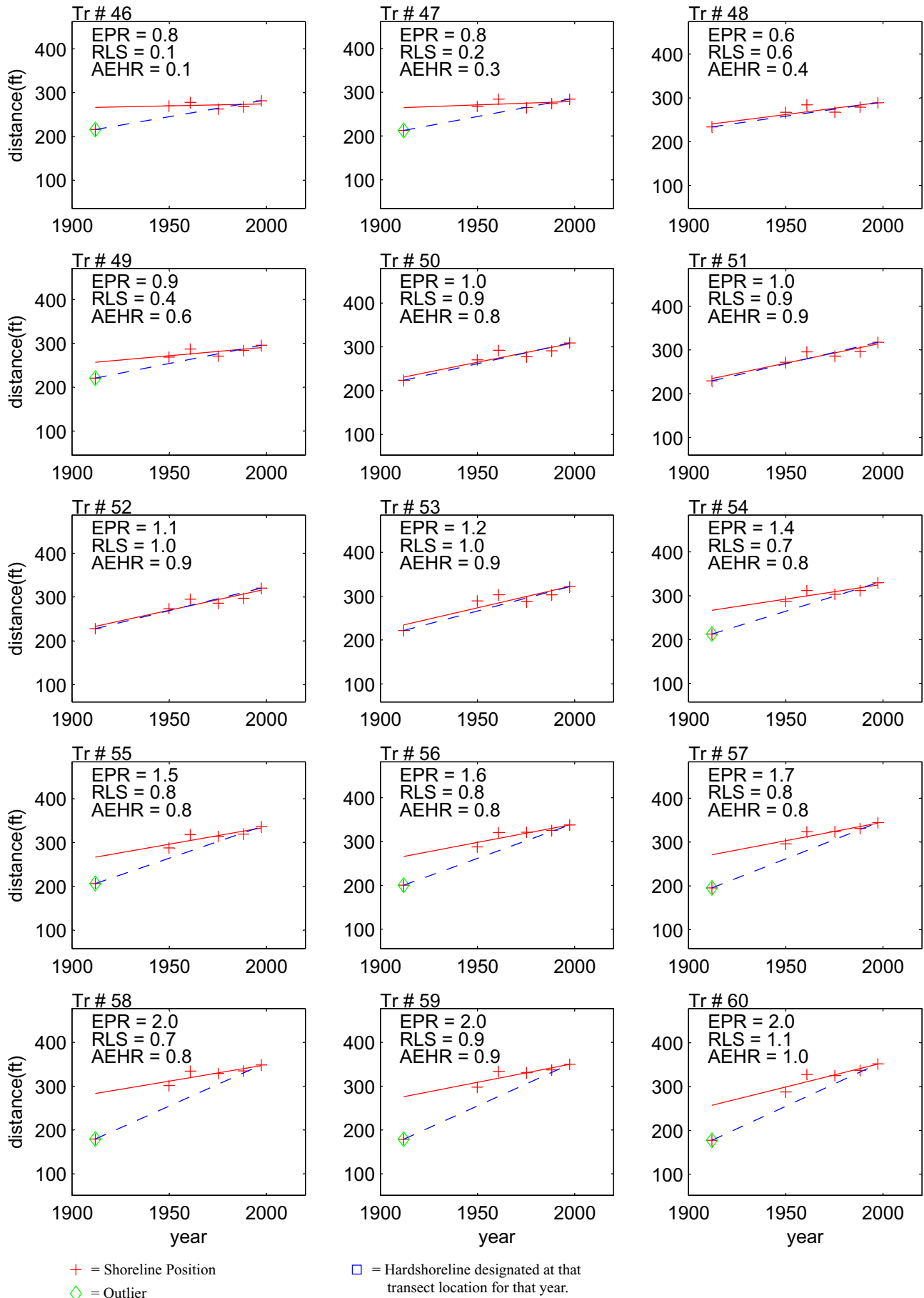


+ = Shoreline Position
◇ = Outlier
□ = Hardshoreline designated at that transect location for that year.

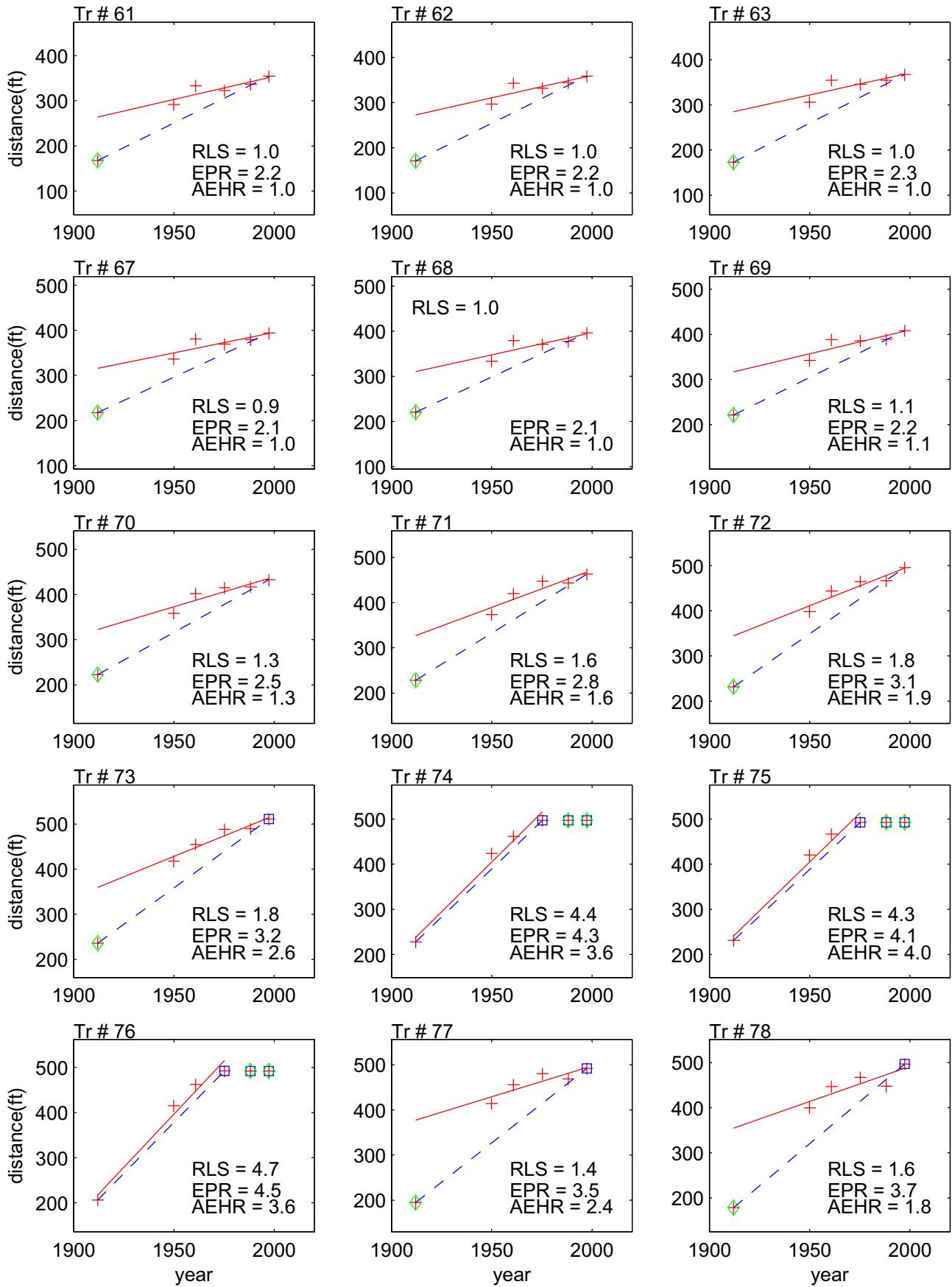
Ukumehame and Papalaua - Shoreline Positions and Erosion Rates



Ukumehame and Papalaua - Shoreline Positions and Erosion Rates

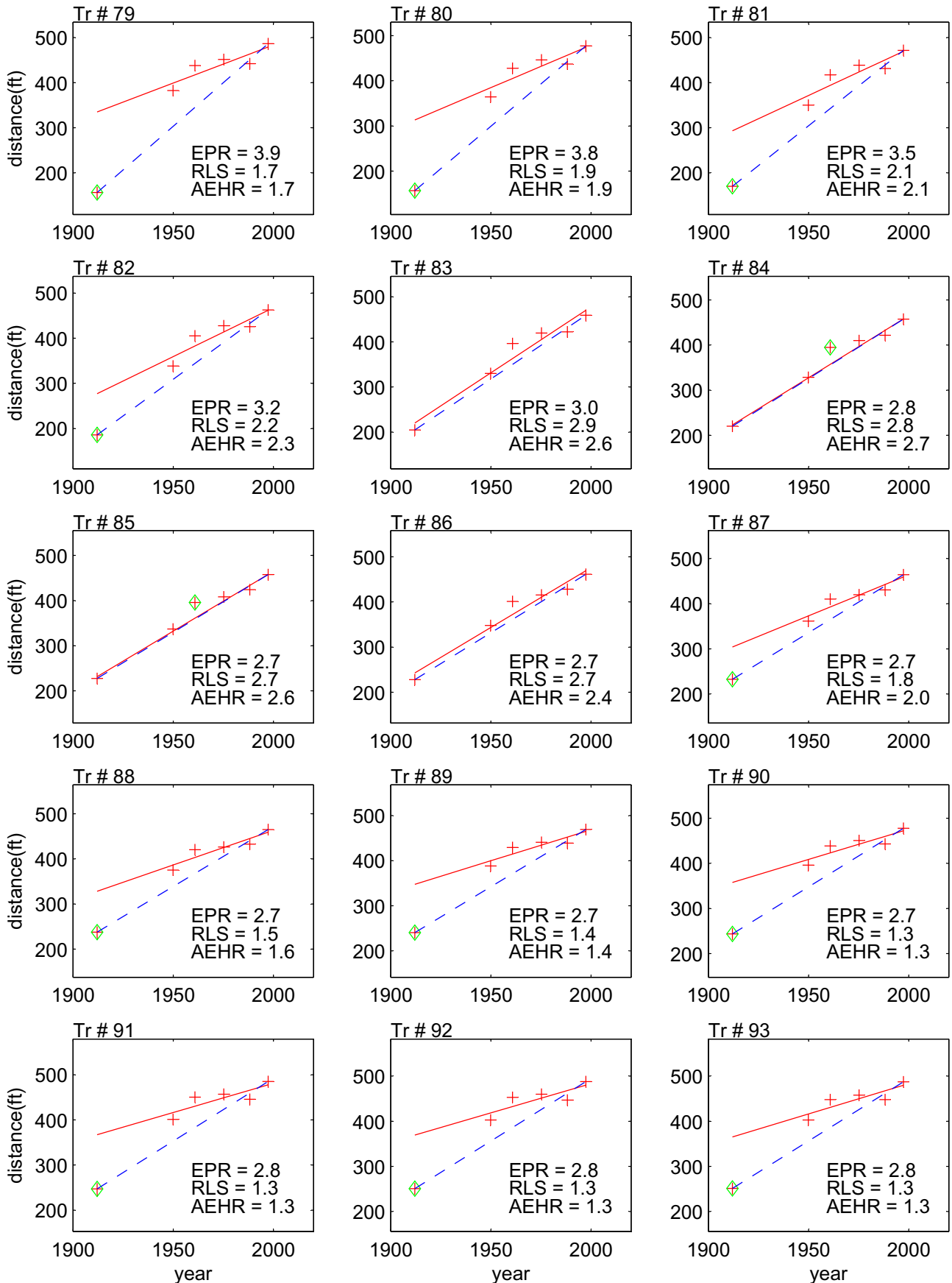


Ukumehame and Papalaua - Shoreline Positions and Erosion Rates



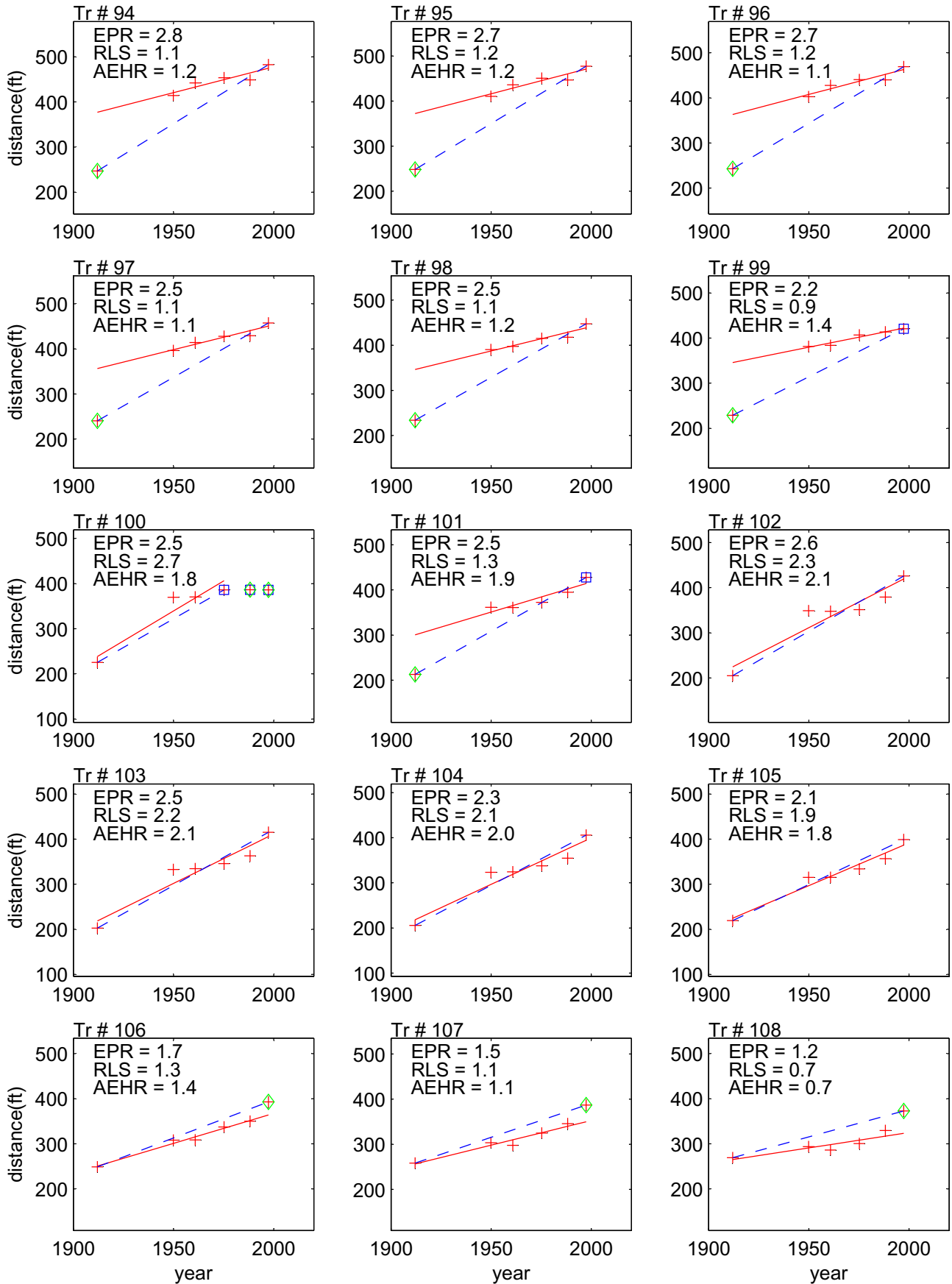
+ = Shoreline Position
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Ukumehame and Papalaua - Shoreline Positions and Erosion Rates



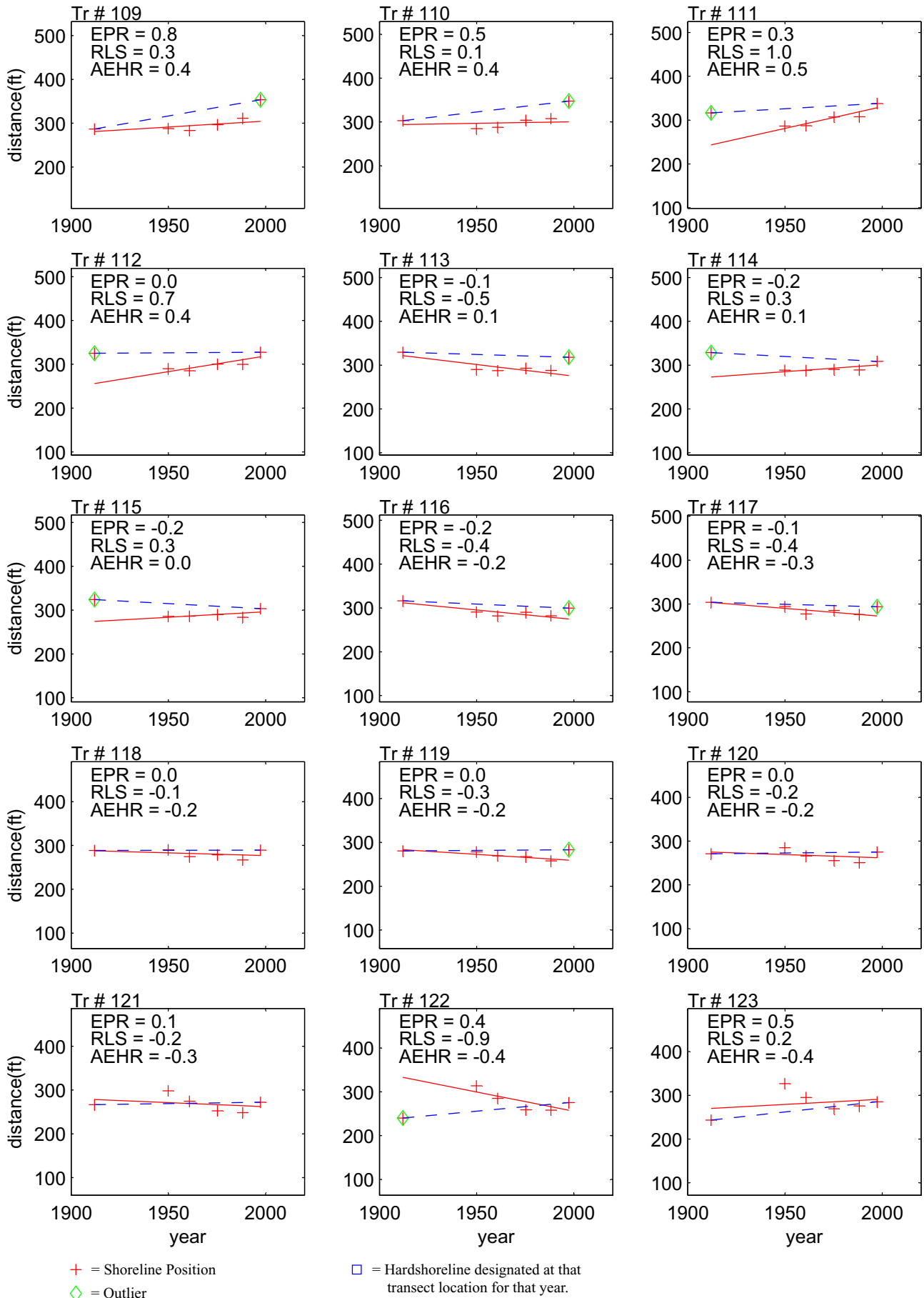
+ = Shoreline Position
◇ = Outlier
- = Hardshoreline designated at that transect location for that year.

Ukumehame and Papalaua - Shoreline Positions and Erosion Rates

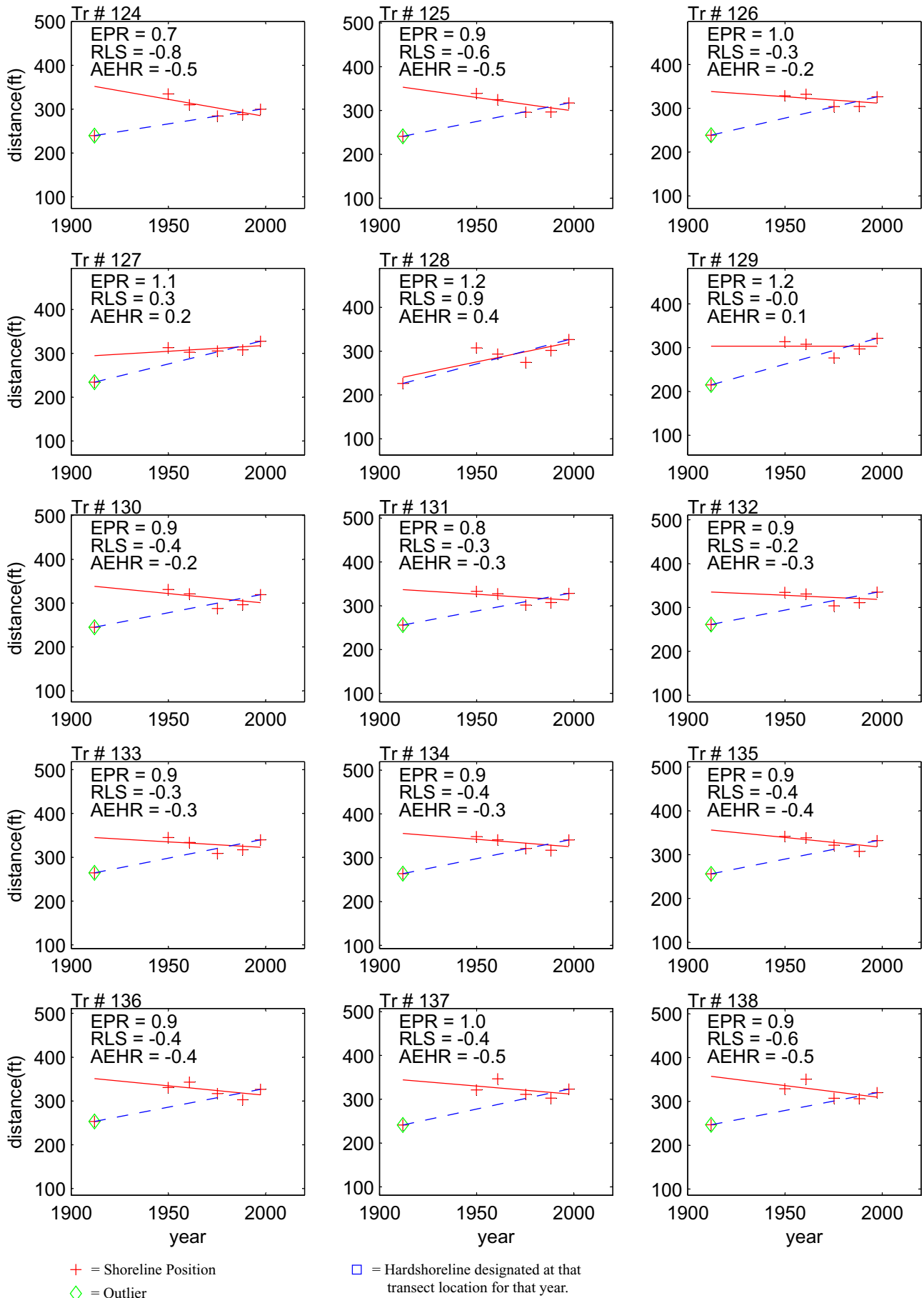


+ = Shoreline Position
◇ = Outlier
□ = Hardshoreline designated at that transect location for that year.

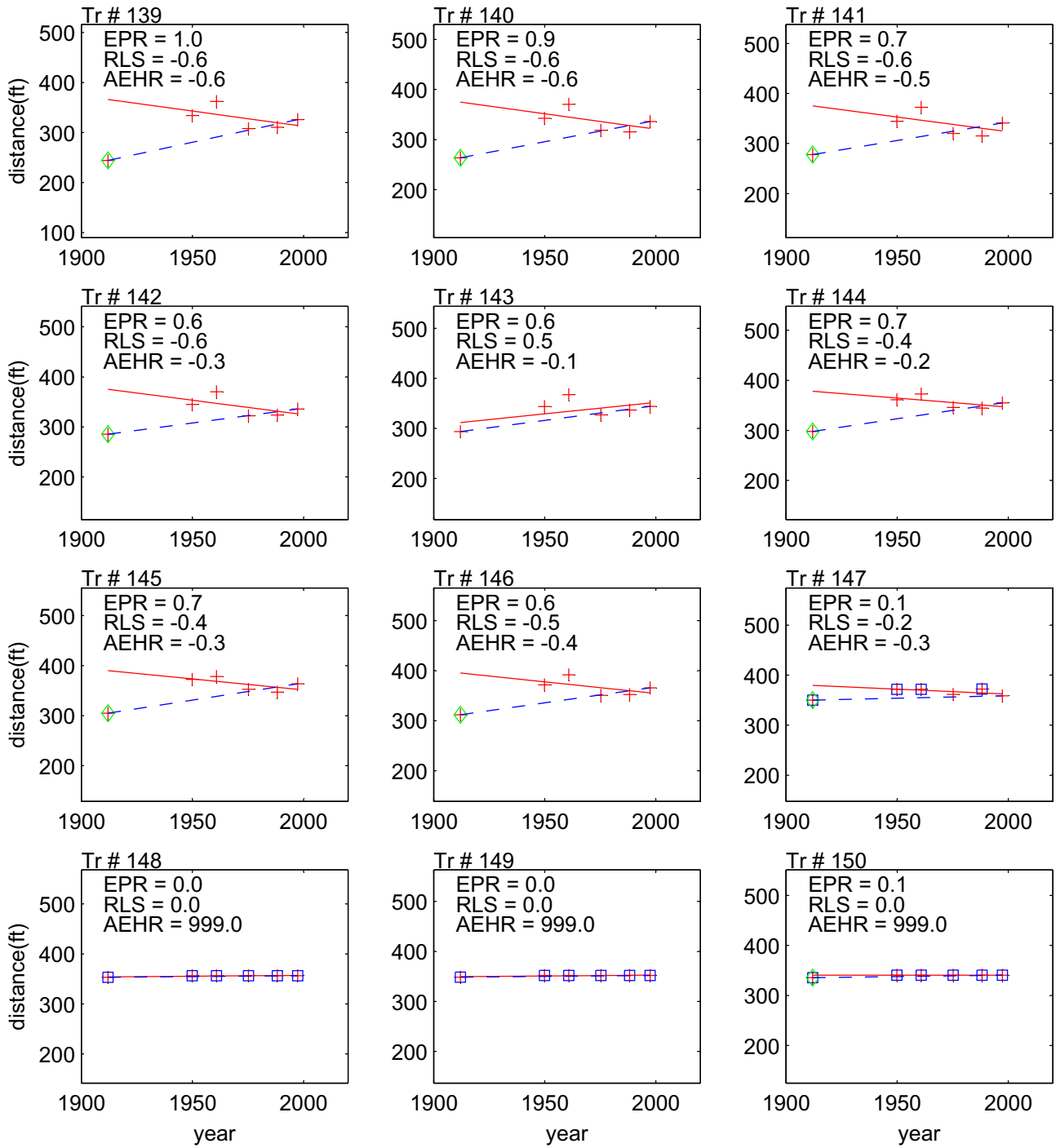
Ukumehame and Papalaua - Shoreline Positions and Erosion Rates



Ukumehame and Papalaua - Shoreline Positions and Erosion Rates



Ukumehame and Papalaua - Shoreline Positions and Erosion Rates



+ = Shoreline Position
◇ = Outlier

□ = Hardshoreline designated at that transect location for that year.

999 = Hardshoreline designated at that transect location for that year.