

# Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

## Parametric Time Warping

RRID:SCR\_003053

Type: Tool

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### Proper Citation

Parametric Time Warping (RRID:SCR\_003053)

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### Resource Information

**URL:** <http://cran.r-project.org/web/packages/ptw/>

**Proper Citation:** Parametric Time Warping (RRID:SCR\_003053)

**Description:** Software that aligns patterns, i.e. it aims to put corresponding features at the same locations. The algorithm searches for an optimal polynomial describing the warping. It is possible to align one sample to a reference, several samples to the same reference, or several samples to several references. One can choose between calculating individual warpings, or one global warping for a set of samples and one reference. Two optimization criteria are implemented: RMS (Root Mean Square error) and WCC (Weighted Cross Correlation).

**Abbreviations:** ptw

**Synonyms:** ptw: Parametric Time Warping

**Resource Type:** software resource

**Defining Citation:** [PMID:14719890](#)

**Keywords:** standalone software, mac os x, unix/linux, windows, r

**Availability:** Free, Freely available

**Resource Name:** Parametric Time Warping

**Resource ID:** SCR\_003053

**Alternate IDs:** OMICS\_02392

**Record Creation Time:** 20220129T080216+0000

**Record Last Update:** 20260801T190201+0000

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### Ratings and Alerts

No rating or validation information has been found for Parametric Time Warping.

No alerts have been found for Parametric Time Warping.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.