

TAXIS ANALYSIS METHOD, CANCER EVALUATION METHOD, TAXIS
ANALYSIS SYSTEM AND PROGRAM

ABSTRACT

A taxis analysis method for performing taxis analysis
5 of nematodes using a container in which a reference point
is provided in the container or a culture medium in the
container, the taxis analysis method including steps of:
imaging a distribution mode of the nematodes in the
container after the nematodes and a specimen of a subject
10 are dropped into the container; detecting a position of an
object of the reference point corresponding to the
reference point included in the image obtained by imaging;
determining an attraction region and a avoidance region on
the basis of the position; and executing taxis analysis
15 using objects of the nematodes in the determined attraction
region and avoidance region.

[Fig. 1]