

We study the holographic mutual information in AdS4 of disjoint spatial domains in the boundary which are delimited by smooth closed curves. A numerical method which approximates a local minimum of the area functional through triangulated surfaces is employed. After some checks of the method against existing analytic results for the holographic entanglement entropy, we compute the holographic mutual information of equal domains delimited by various shapes, finding also the corresponding transition curves along which the holographic mutual information vanishes. Some recent developments for less trivial background geometries will be shown.