

Addressing Normalisation in the Pursuit of Comparable Integration

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Abstract

Egress complexity provides a non-metric assessment of the egress and access capability of a compartmentalised floorplan. Normalised egress complexity, based on the distribution of non-isomorphic floorplans, enables the relative comparison of configurations with differing numbers of compartments. Recent developments incorporating the Space Syntax philosophy have enabled an assessment of route complexity within noncompartmentalised environments. The latter has led to an examination of the distributions of mean depth, integration and real relative asymmetry. This is discussed in some detail in the present paper. An alternative to the traditional two-part transformation of mean depth, similar to that already employed in egress complexity is proposed

Keywords

Egress complexity, Escape Syntax, normalisation, mean depth and measures of integration
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