

Usefulness of combinations of vertex-degree weighted path indices and elements of a Universal matrix

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Appendix 2

The mutually optimized combinations of vertex degree weighted path indices with particular vertex degree vertex distance weighted elements of the Universal matrix are presented in Figure S1 for **P1**(a, b), in Figure S2 for **P3**(a, b, c, d), and in Figure S3 for **P4**(a, b, c, d, e).

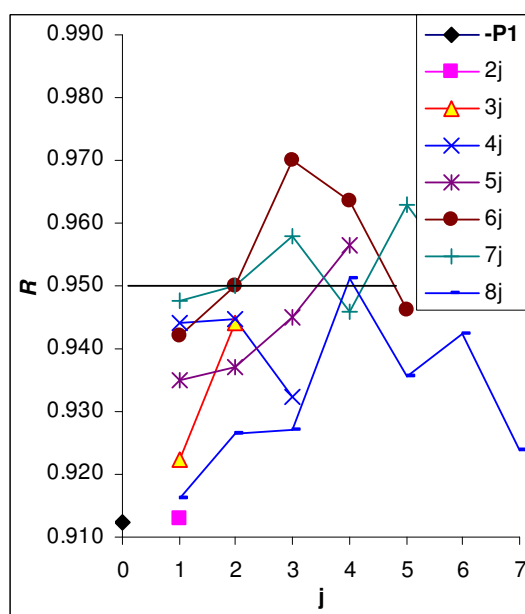


Figure S1. Correlation coefficients of the mutually optimized combinations of vertex degree weighted **path one** index with vertex degree vertex distance weighted elements of the Universal matrix $u_{ij}(a,b,c)$.

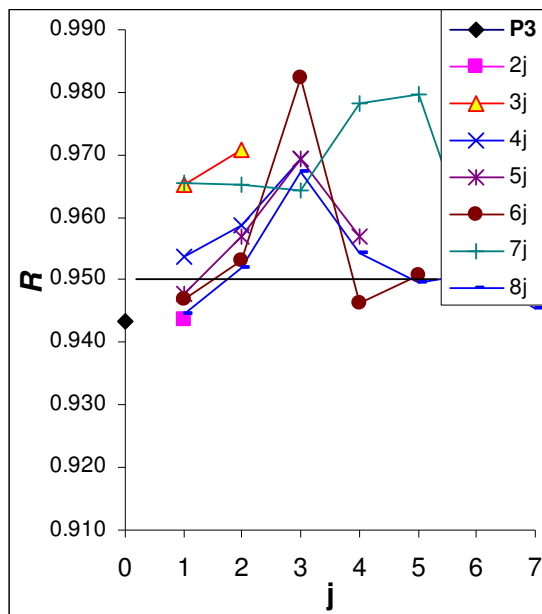


Figure S2. Correlation coefficients of the mutually optimized combinations of vertex degree weighted **path three** index with vertex degree vertex distance weighted elements of the Universal matrix $u_{ij}(a,b,c)$.

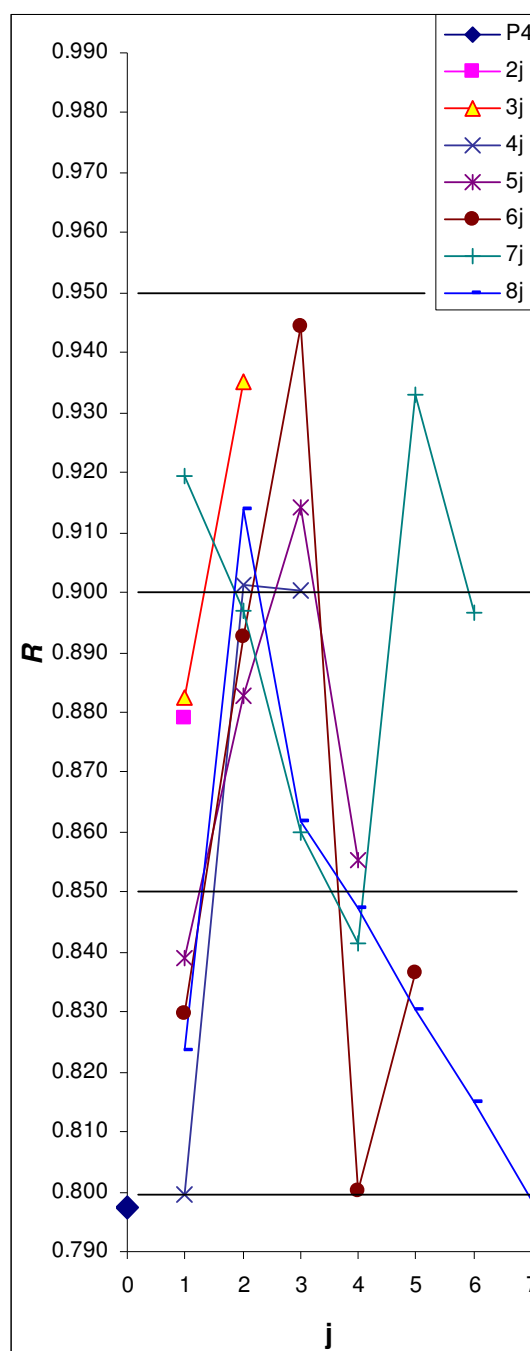


Figure S3. Correlation coefficients of the mutually optimized combinations of vertex degree weighted **path four** index with vertex degree vertex distance weighted elements of the Universal matrix $u_{ij}(a,b,c)$.