processes

MDPI

Supplementary Materials

Universal Relationships in Hyperbranched Polymer Architecture for Batch and Continuous Step Growth Polymerization of AB_2-Type Monomers

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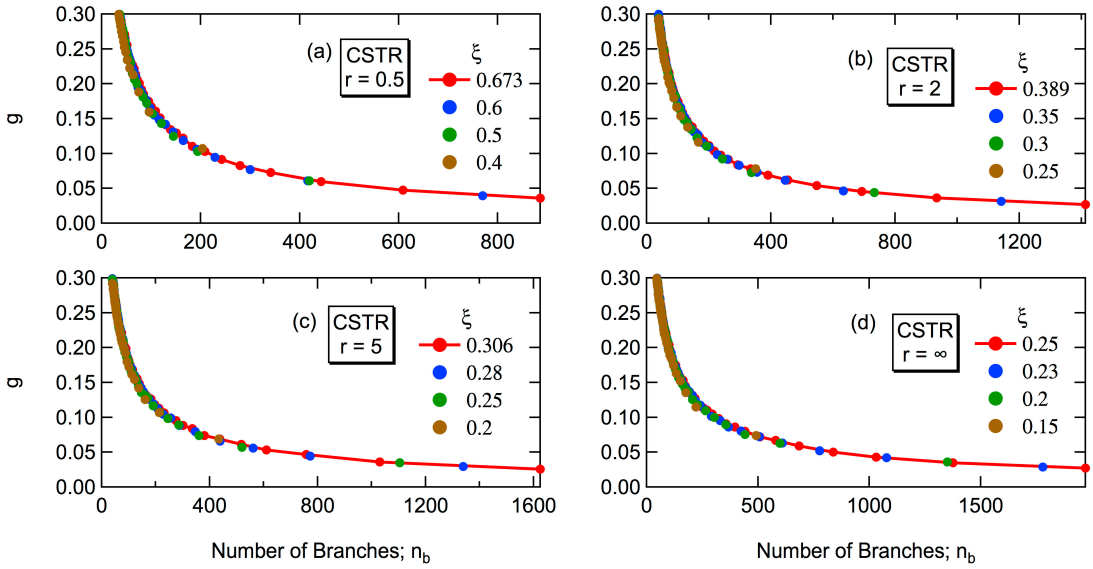

Figure S1. Expected g-ratio for the HB polymers having n_b branch points in a polymer for a CSTR with (**a**) $r = 0.5$, (**b**) $r = 2$, (**c**) $r = 5$, and (**d**) $r = \infty$, for various -values.

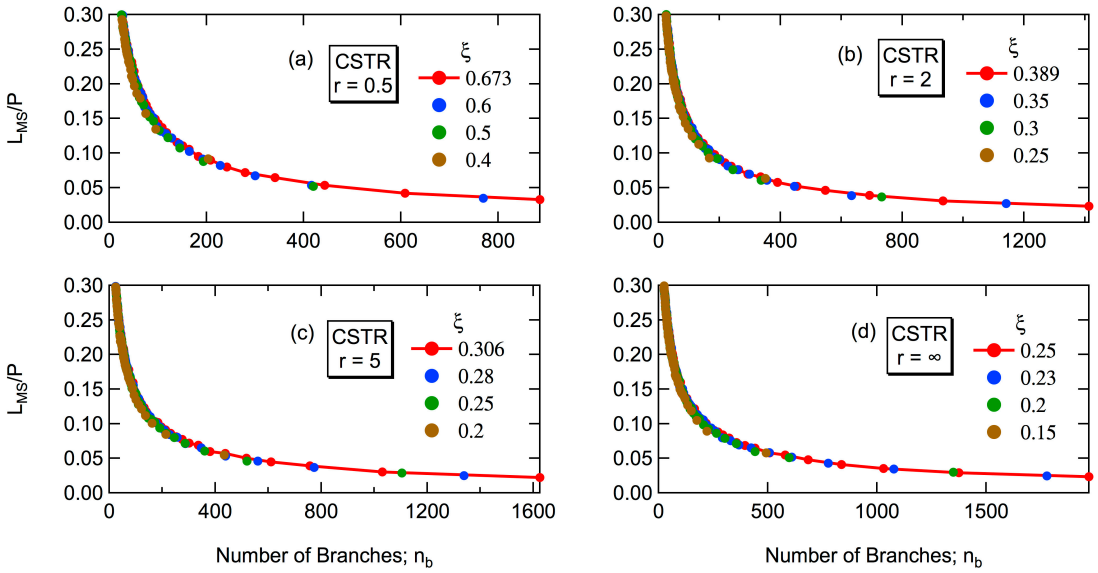

Figure S2. Relationship between L_{MS}/P and n_b for a CSTR; (**a**) $r = 0.5$, (**b**) $r = 2$, (**c**) $r = 5$, and (**d**) $r = \infty$, with various -values.

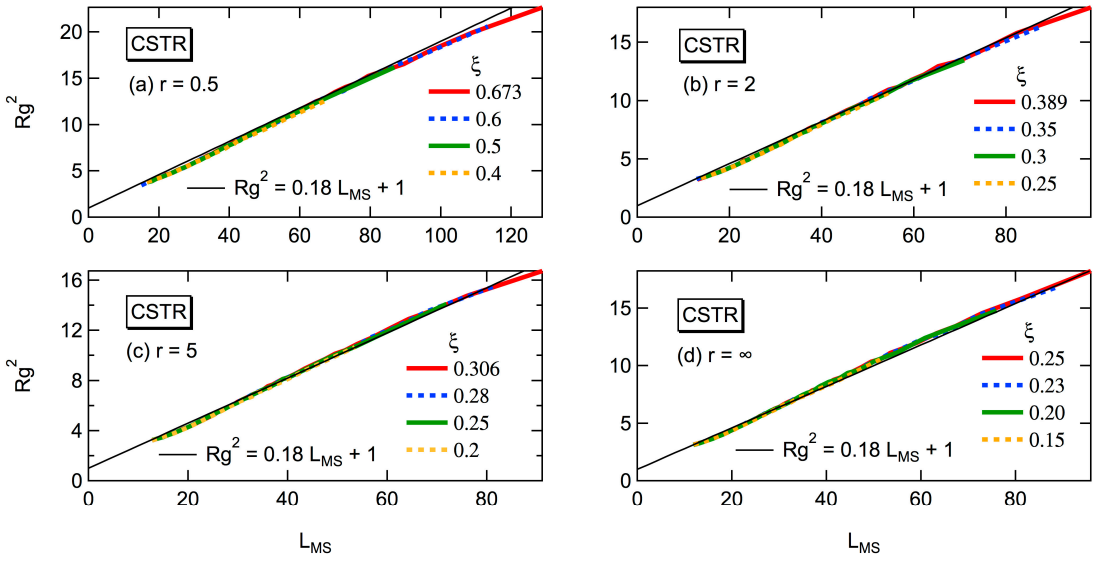

Figure S3. Universal relationship between Rg^2 and L_{MS} for a CSTR with various combinations of r and (**a**) $r = 0.5$, (**b**) $r = 2$, (**c**) $r = 5$, and (**d**) $r = \infty$.