## Polymerizability of Exomethylene Monomers Based on Adamantyl Frameworks

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Figure S1. (a) DEPT 135 and (b)  $^{13}$ C NMR spectrum of run 1.



Figure S2. <sup>1</sup>H NMR spectrum of run 5 (cationic polymerization with TiCl<sub>4</sub>).



Figure S3. MALDI-TOF-MS spectrum of run 5.



Figure S4. SEC curve of run 20 (sec-BuLi in THF at 30 °C).



**Figure S5.** SEC curves of before and after block copolymerization (poly(AAd) (dotted line) and poly(AAd)-*b*-polySt (solid line)).



Figure S6. SEC Curves of a) poly(AAd-r) (run 27) and b) poly(AAd-c) (run 29).



Figure S7. (a)<sup>1</sup>H NMR and (b)<sup>13</sup>C NMR spectra of run 13 (*sec*-BuLi in benzene).



Figure S8. Thermal properties of poly(AAd): (a)TGA and (b)DSC curves.