Figure 1. Cognitive profile and premorbid IQ comparisons of newly derived SZ, BD and cross-diagnostic clusters standardized against HC values (M = 0, SD = 1); a) cognitive domain scores comparing SZ clusters to BD clusters - Mild-Moderate SZ/BD significant differences: SOP d = 0.37, WM d = 0.52, VisL d = 0.20, SC d = 0.50 - Relatively Severely SZ/BD significant differences: WM d = 0.46, VisL d = 0.77, SC d = 0.71; b) premorbid IQ scores; c) Cross-diagnostic clustering; SOP = speed of processing; AV = attention/vigilance; WM = working memory; VerL = verbal learning; VisL = visual learning; RPS = reasoning and problem solving; SC = social cognition. Error bars represent standard deviations.
Figure 2. Percentage distribution of cases falling into each cluster when classified within categorical diagnoses and a cross-diagnostic approach a) SZ clusters; b) BD clusters; c) Cross-diagnostic clusters. Numbers in brackets in a and b represent the sample number per cluster. Figure c represents the proportion of BD or SZ participants (relative to the total sample number for each cohort) falling into each cluster.
Figure 3. Analysis of estimated cognitive course in the cross-diagnostic clusters; a) estimated premorbid IQ vs. current cognitive functioning (z scores are standardised against HC mean/SD); b) discrepancy score indicating estimated improvement or decline in cognition (z scores are standardised against HC mean/SD). Larger scores indicate greater discrepancy between premorbid IQ and current cognitive functioning; c) dispersion (mean individual standard deviation) of cognitive domain scores. **p = .000; * p=.01; ^p = .06. Error bars represent standard deviations.
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