Novelty Search of Bounded 3D Euclidean Space Guassian Mutation  $\sigma = 0.3$ 2.0 -1.5 -Archive Measure Measure ... Cover Epsilon Packing Epsilon Nothing substantively new is being added Min. Sparseness  $\rho_{\text{min}} = 0.6$ 0.5 -0.0 -Archive Converged to ε-Net 100 200 300 400 500 Generation

Novelty Search of Unounded 8D Euclidean Space Guassian Mutation  $\sigma = 0.1$ 8 -6-Archive Measure Measure 4 Cover Epsilon Packing Epsilon Min. Sparseness 2- $-\rho_{\text{min}}=0.45$ 0 -600 200 400 Generation