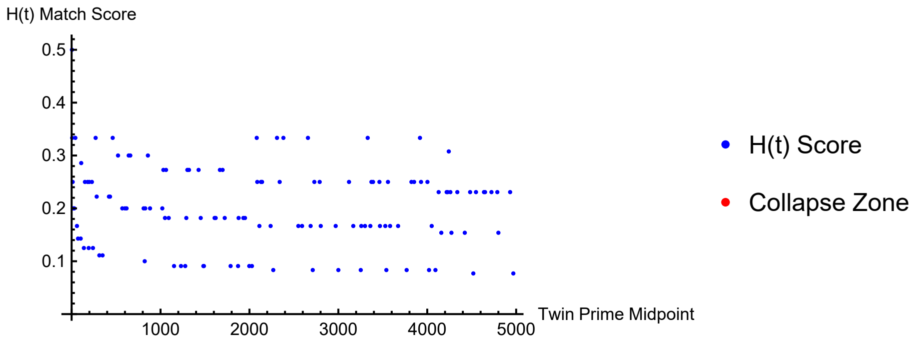
```
In[1]:= Module[{byte1Seed = {1, 4}, byte1Seq, twinPrimes, isPrime, bbpDelta, limit = 5000,
          n = 3, hTarget = 0.35, collapsePoints = {}, hScores = {}, hFunctionBase2},
         (*Byte1 sequence:extended recursion using binary-length deltas*)
         byte1Seq = NestList[Function[{pair},
             Module[{diff = Abs[pair⟦-1⟧ - pair⟦-2⟧], len}, len = IntegerLength[diff, 2];
              Append[pair, len]]], byte1Seed, 300]⟦-1⟧;
         (*Simple primality check*)isPrime[n_] := PrimeQ[n];
         (*BBP-modulated twin prime step function*)
         bbpDelta[n_] := Floor[Total[Table[16^(1 - k) / (8 k + Mod[n, 7] + 1), {k, 1, 4}]]] + 1;
         (*Generate twin primes with BBP skips*)
         twinPrimes = Reap[While[n < limit, If[isPrime[n] && isPrime[n + 2], Sow[{n, n + 2}]];
             n += bbpDelta[n];]]⟦2, 1⟧;
         (*Define harmonic match score in base-2*)
         hFunctionBase2[tp_] := Module[{digits, overlap, match}, digits = IntegerDigits[tp⟦1⟧, 2];
           overlap = Take[byte1Seq, Length[digits]];
           match = Count[MapThread[Equal, {digits, overlap}], True];
           N[match / Length[digits]]];
         (*Score and detect collapse zones*)
         Do[Module[{h = hFunctionBase2[pair]}, AppendTo[hScores, {Mean[pair], h}];
           If[Abs[h - hTarget] < 0.15, AppendTo[collapsePoints, {Mean[pair], 1}]];],
          {pair, twinPrimes}];
         (*Overlay all scores and collapse points*)Show[ListPlot[hScores, PlotStyle → Blue,
           AxesLabel → {"Twin Prime Midpoint", "H(t) Match Score"}, PlotLegends → {"H(t) Score"}],
          ListPlot[collapsePoints, PlotStyle → {Red, PointSize[Medium]},
           PlotLegends → {"Collapse Zone"}]]]
```

Out[1]=


H(t) Match Score
Twin Prime Midpoint
● H(t) Score
● Collapse Zone