



VSV-Hidden State Angle Analysis:

Overall Statistics:

- Total measurements: 42688
- Mean angle: 86.37°
- Std deviation: 5.25°
- Min angle: 51.90°
- Max angle: 107.81°

Layer Statistics:

- Number of layers: 32
- Layer range: 0 - 31
- Highest mean angle: 93.00° (Layer 2)
- Lowest mean angle: 79.72° (Layer 31)

About these measurements:

- Angles between steering vector & hidden states
- Geometric relationship (λ -independent)
- 90° = perfectly orthogonal vectors
- 0°/180° = aligned/anti-aligned vectors