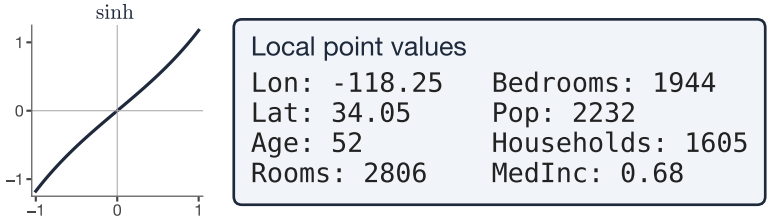


Coastal Point — Local Interpretation with Backbone and Tilt

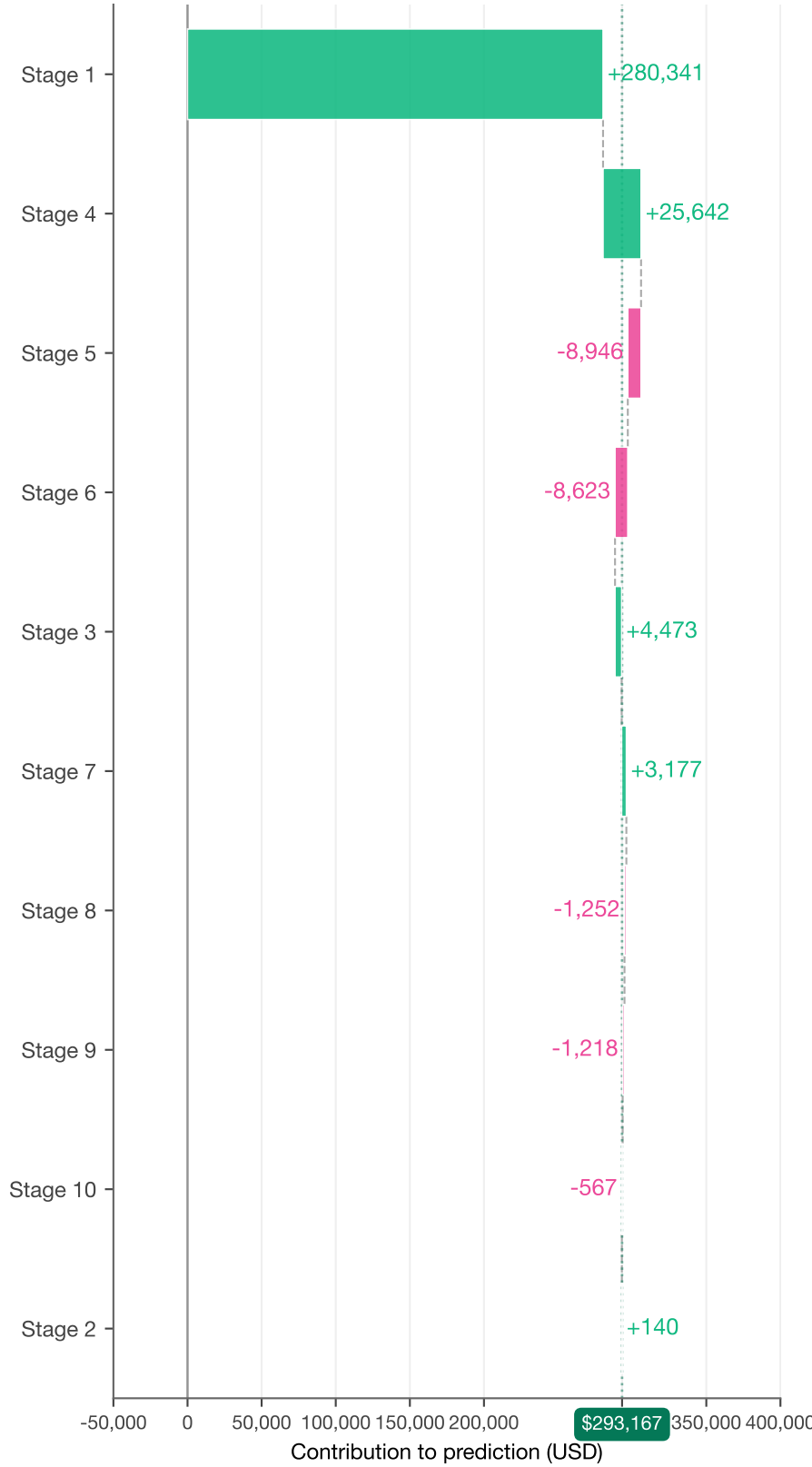
Stage contribution $= 2 \cdot b(x) \cdot \sinh(D(x))$

Backbone $b(x) = b_0 \prod_j b_j(x_j)$ — b_j is the per-feature activation, b_0 the intercept scale

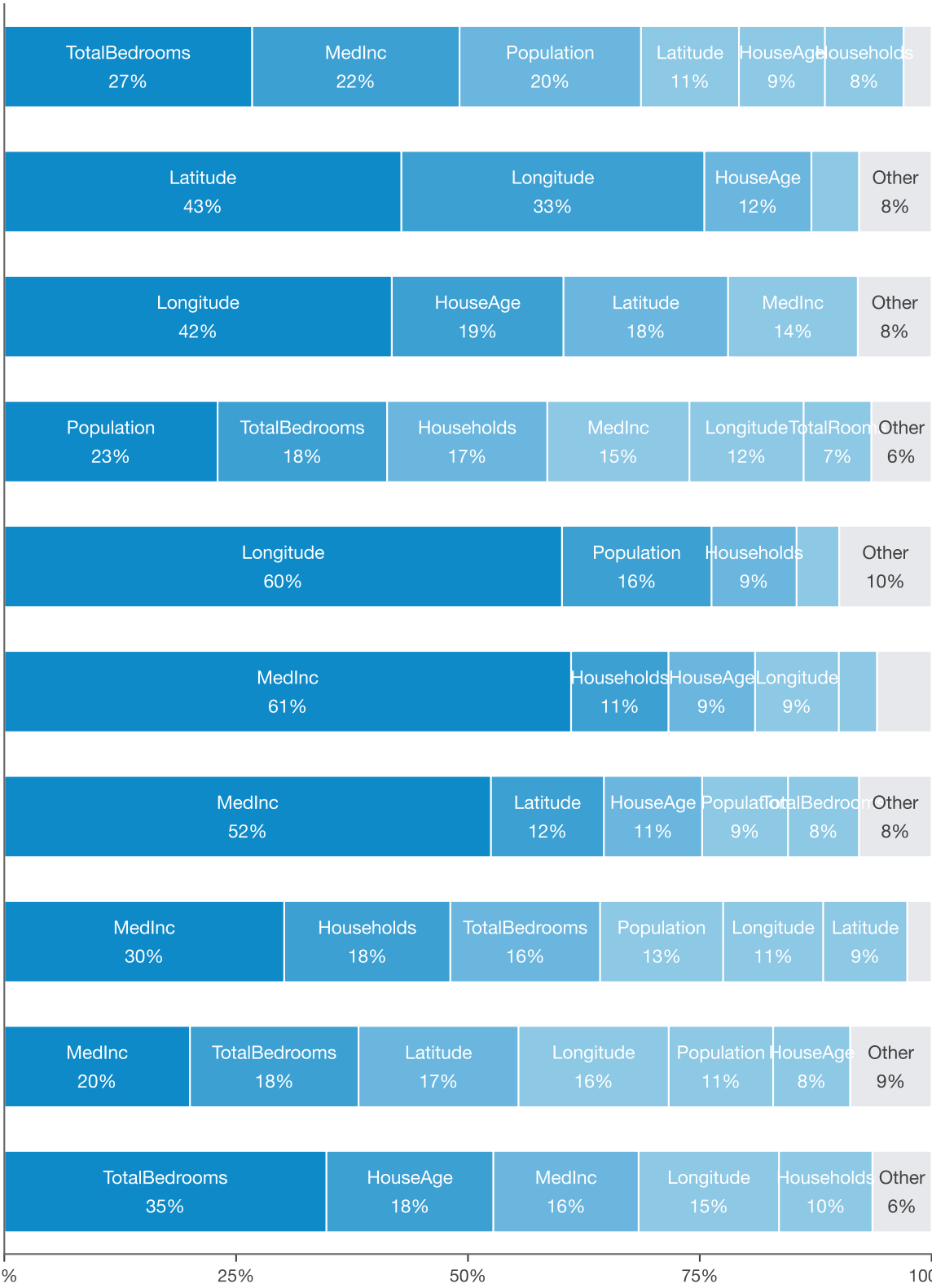
Tilt sum $D(x) = d_0 + \sum_j d_j(x_j)$ — d_j is the per-feature signed local effect, d_0 the intercept tilt



Stage contribution (each bar is one stage's signed prediction)



Relative backbone contribution (each segment represents relative impact on prediction)



Signed tilt (each bar is one feature's signed local effect)

