

Feature importance report

plot_feature_importance()

01 · VARIANCE OF LOG-BACKBONE OVER THE DATA

Backbone importance

	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
Longitude	0.05	1.51	1.93	1.45	0.88	0.23	0.30	0.15	0.24	0.25
Latitude	0.06	0.65	4.38	1.82	1.99	1.54	1.74	1.11	0.05	0.24
HouseAge	0.00	0.15	0.06	0.08	0.06	0.25	0.05	0.31	0.07	0.33
TotalRooms	0.00	0.01	0.00	0.01	0.00	0.02	0.14	0.02	0.02	0.05
TotalBedrooms	0.02	0.65	0.04	0.00	0.01	0.03	0.00	0.02	0.01	0.09
Population	0.03	0.08	0.18	0.03	0.00	0.31	0.02	0.11	0.10	0.31
Households	0.00	0.06	0.04	0.00	0.00	0.05	0.01	0.01	0.03	0.01
MedInc	0.08	0.27	0.31	0.27	0.62	0.18	0.97	1.06	3.39	0.79

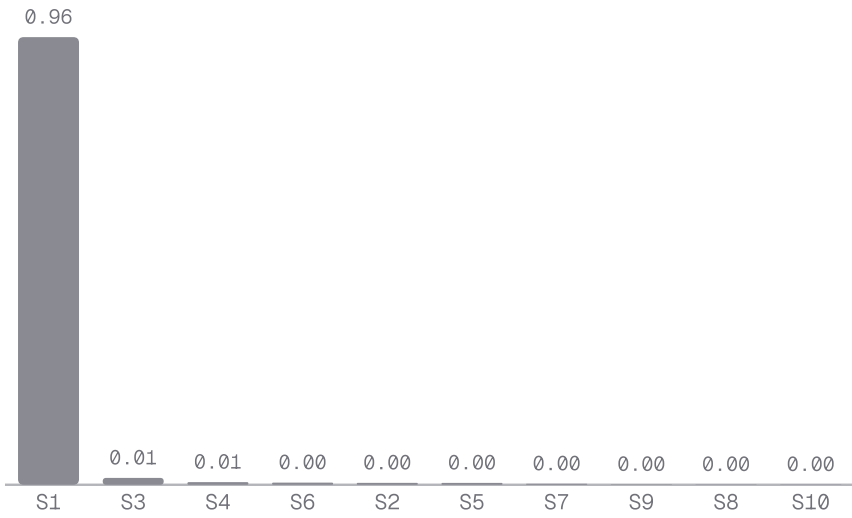
02 · VARIANCE OF THE TILT OVER THE DATA

Tilt importance

	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
Longitude	0.00	0.01	0.10	0.02	0.03	0.01	0.02	0.00	0.00	0.00
Latitude	0.00	0.01	0.06	0.08	0.09	0.00	0.02	0.00	0.00	0.00
HouseAge	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TotalRooms	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
TotalBedrooms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Population	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Households	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MedInc	0.00	0.03	0.08	0.00	0.01	0.00	0.02	0.00	0.00	0.00

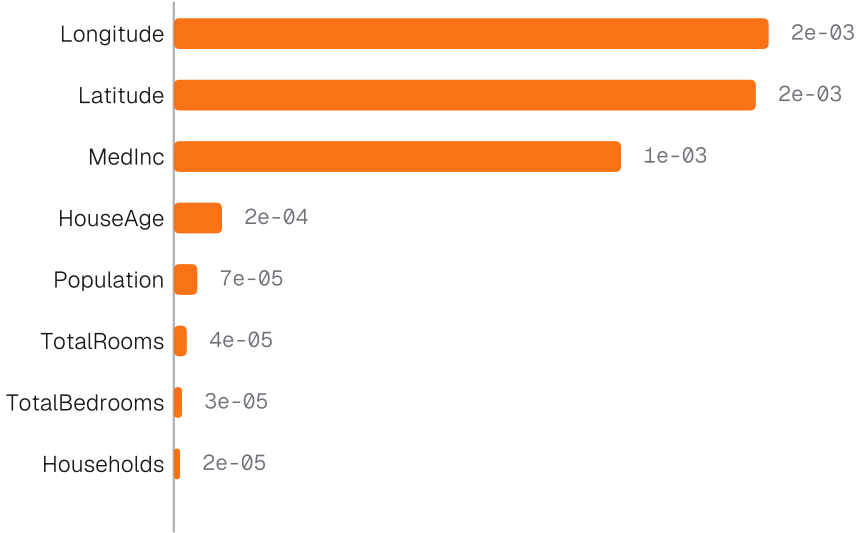
03 · EACH STAGE'S SHARE OF PREDICTION MAGNITUDE

Stage weights



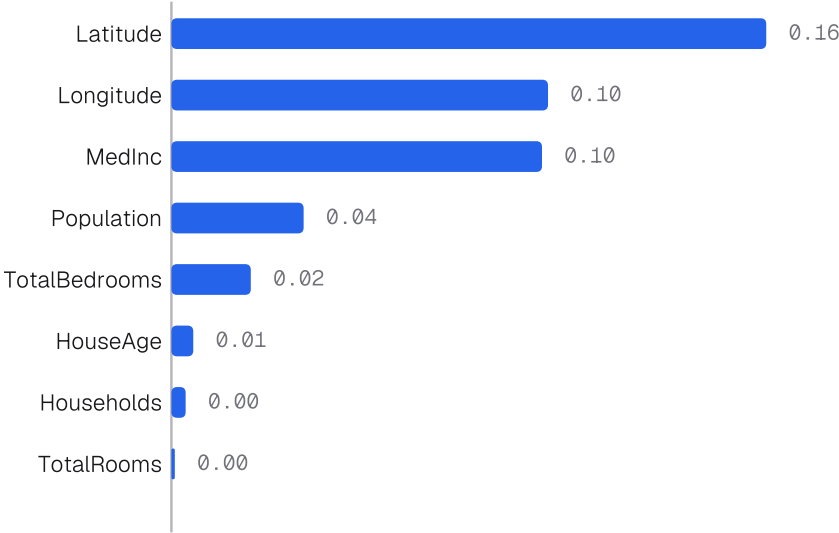
04 · TILT VARIANCE, MAGNITUDE-WEIGHTED OVER STAGES

Tilt, global



05 · BACKBONE + 1 × TILT IMPORTANCE

Combined importance



06 · BACKBONE VARIANCE, MAGNITUDE-WEIGHTED OVER STAGES

Backbone, global

