Model Audit Report

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Drift Detection Summary

True of 4 features showed significant drift.

	ks_stat	p_value	$drift_detected$	method
age	0.224	0	1	ks
income	0.08	0.0033	1	ks
$true_cost$	0.119	0	1	ks
${\tt predicted_cost}$	0.131	0	1	ks

Fairness Audit Summary

group	count	mae	rmse	bias
Asian	258	1984.12	2538.48	825.078
Black	218	2101.16	2615.81	646.461
White	269	2056.23	2610.71	86.6858
Hispanic	255	2238.11	2837.6	923.441

Outlier Detection Summary

index	age	income	true_cost	predicted_cost	anomaly_score	outlier_flag
831	31.0681	68918.9	-1130.19	824.117	-0.0820556	-1
360	41.4613	64518.8	1673.9	598.781	-0.0603301	-1
897	58.6563	49164.3	-606.511	1007.68	-0.0469888	-1
525	39.3655	35139	2732.06	5227.29	-0.0426778	-1
718	37.7903	61368.6	4357.11	407.423	-0.0367111	-1
111	51.195	39561.8	42174.3	45324.2	-0.034771	-1
956	15.0167	41474.7	37262	38279.8	-0.0207648	-1
510	29.5889	50632.3	3274.51	3553.57	-0.0108428	-1
844	24.0329	46317.4	37331.5	40386.4	-0.00485778	-1
866	20.5949	42969	9761.97	4754.68	-0.00403675	-1