

Fig 1: Any_Cancer_Response

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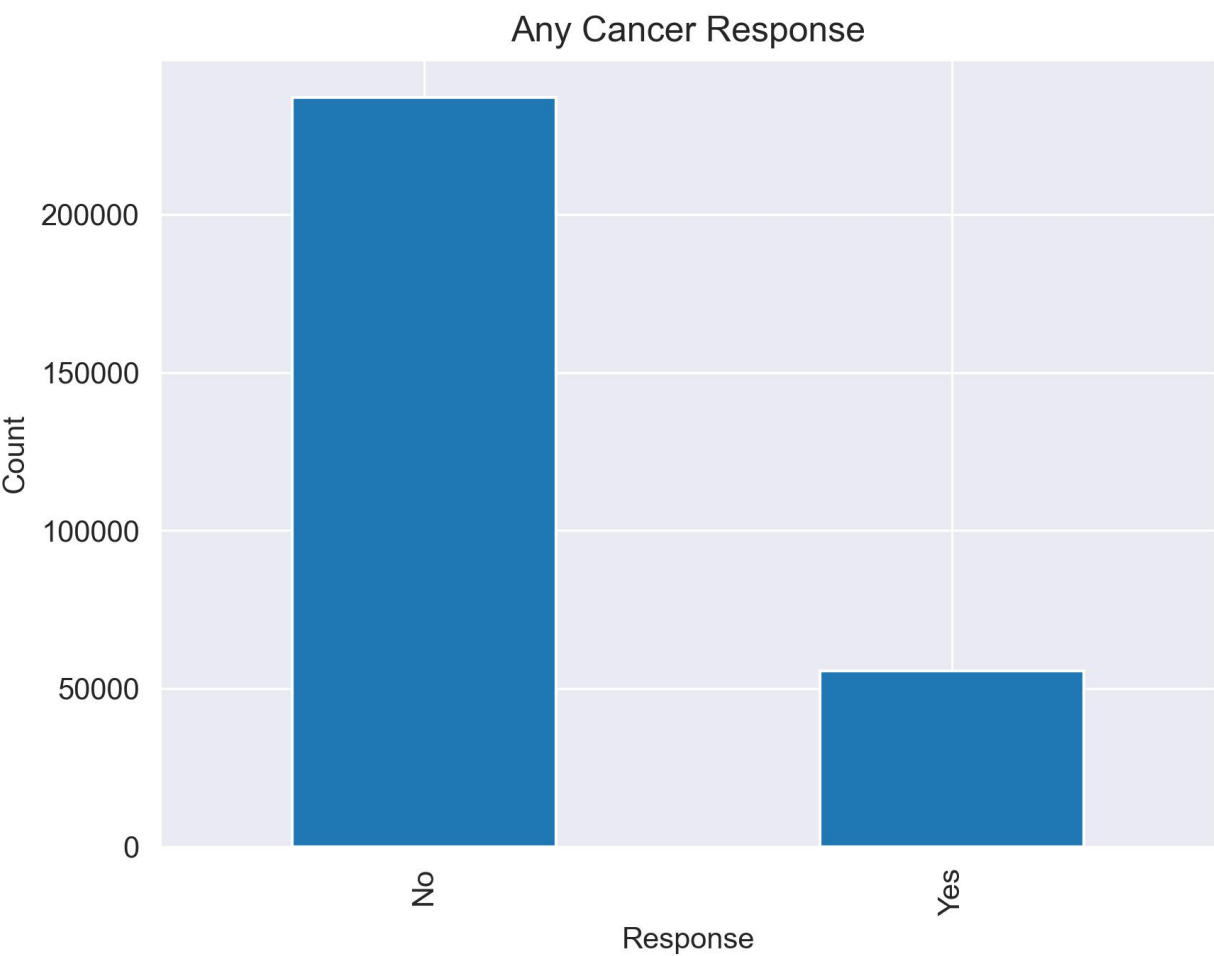


Fig 2: Any_Cardiac_Condition

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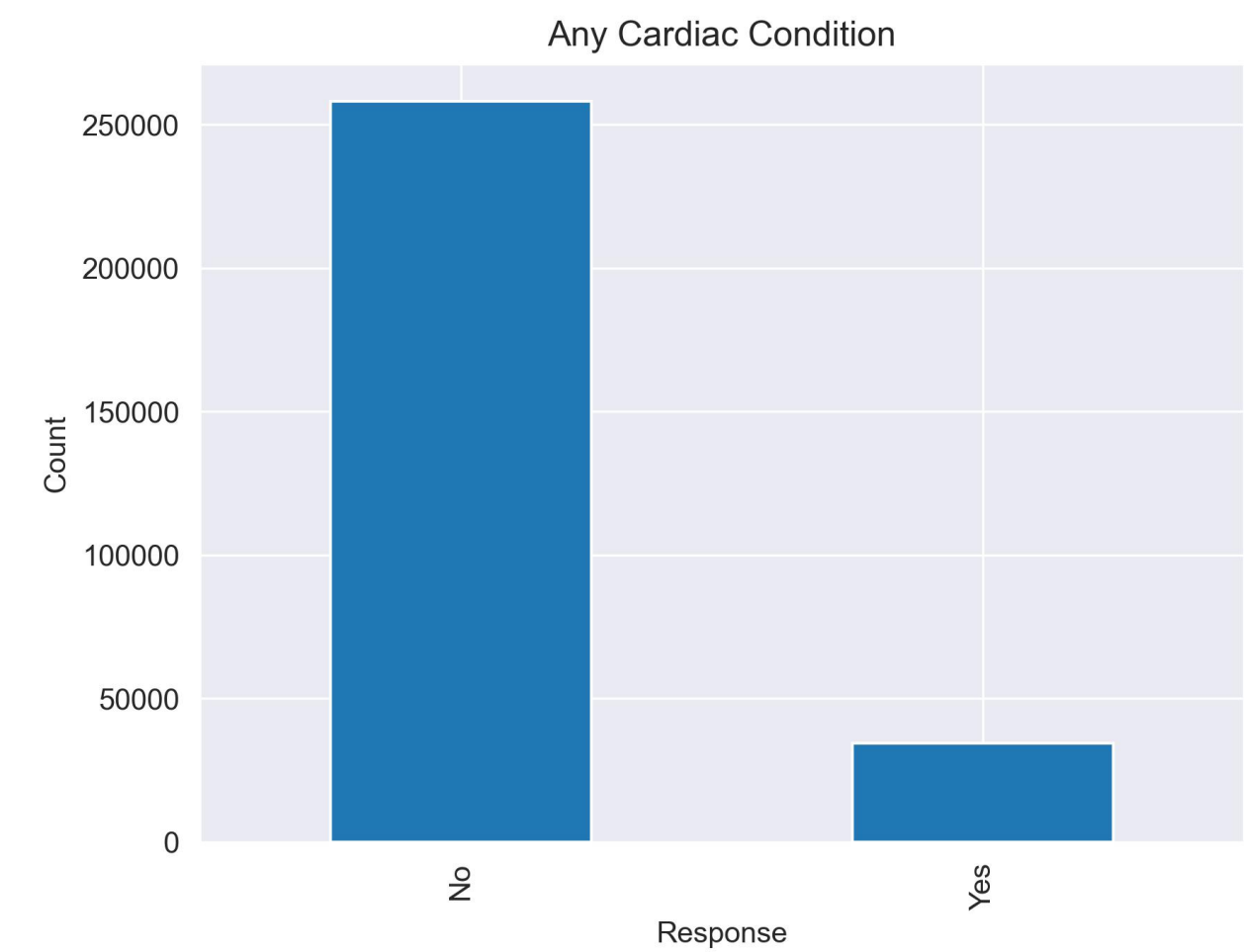


Fig 3: Any_Chronic_Condition

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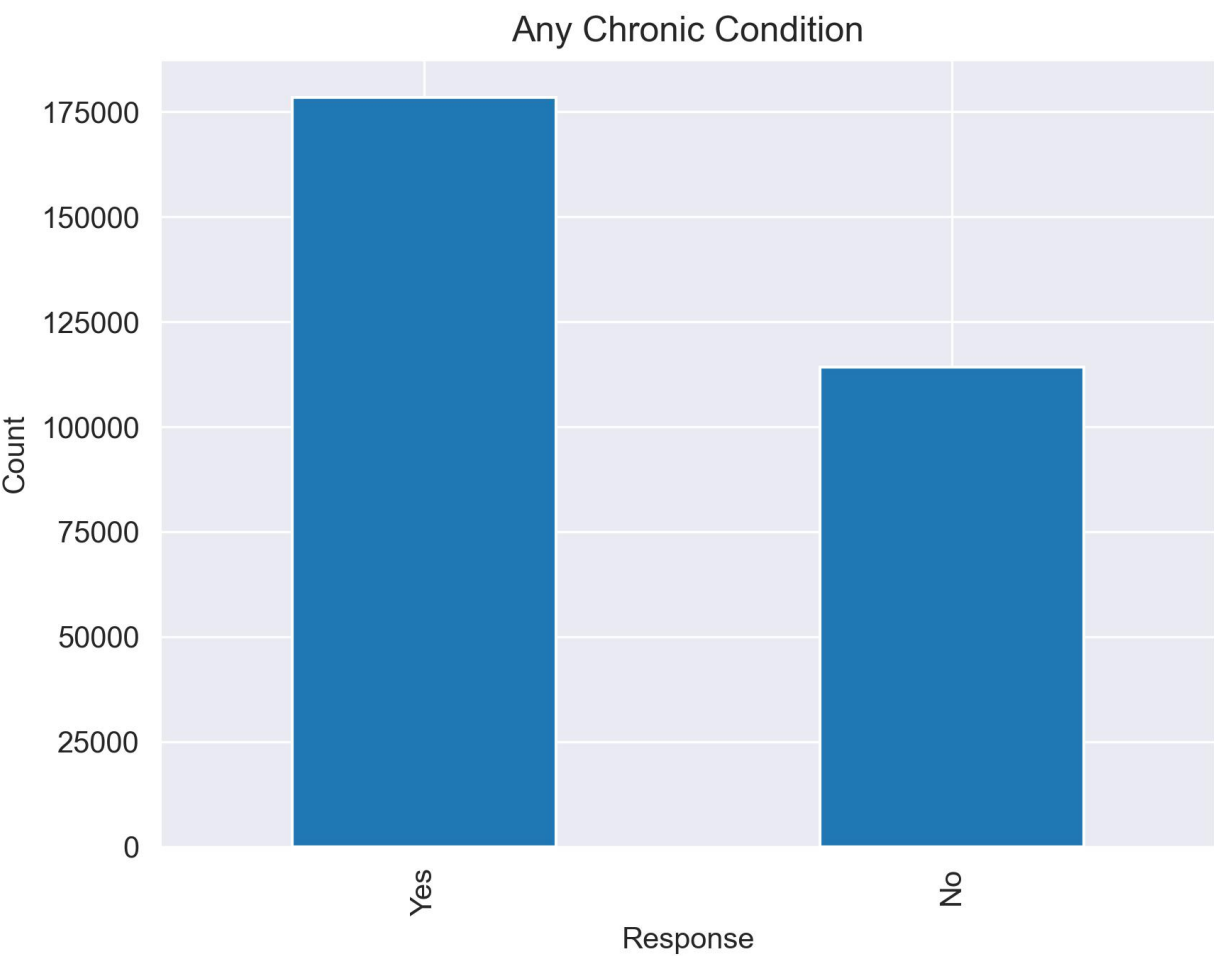


Fig 4: Any_Pulmonary_Response

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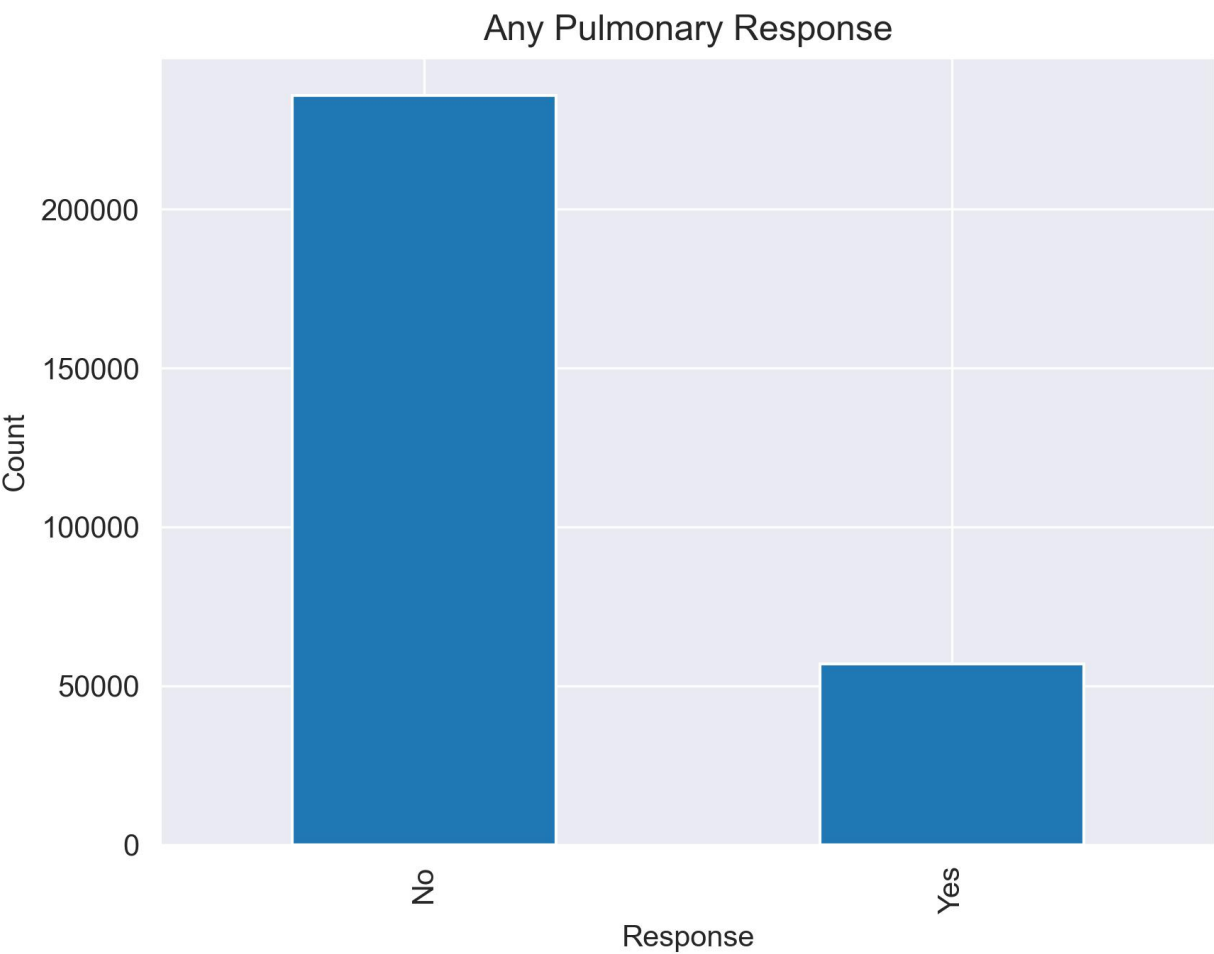


Fig 5: Distribution_of_BLIND

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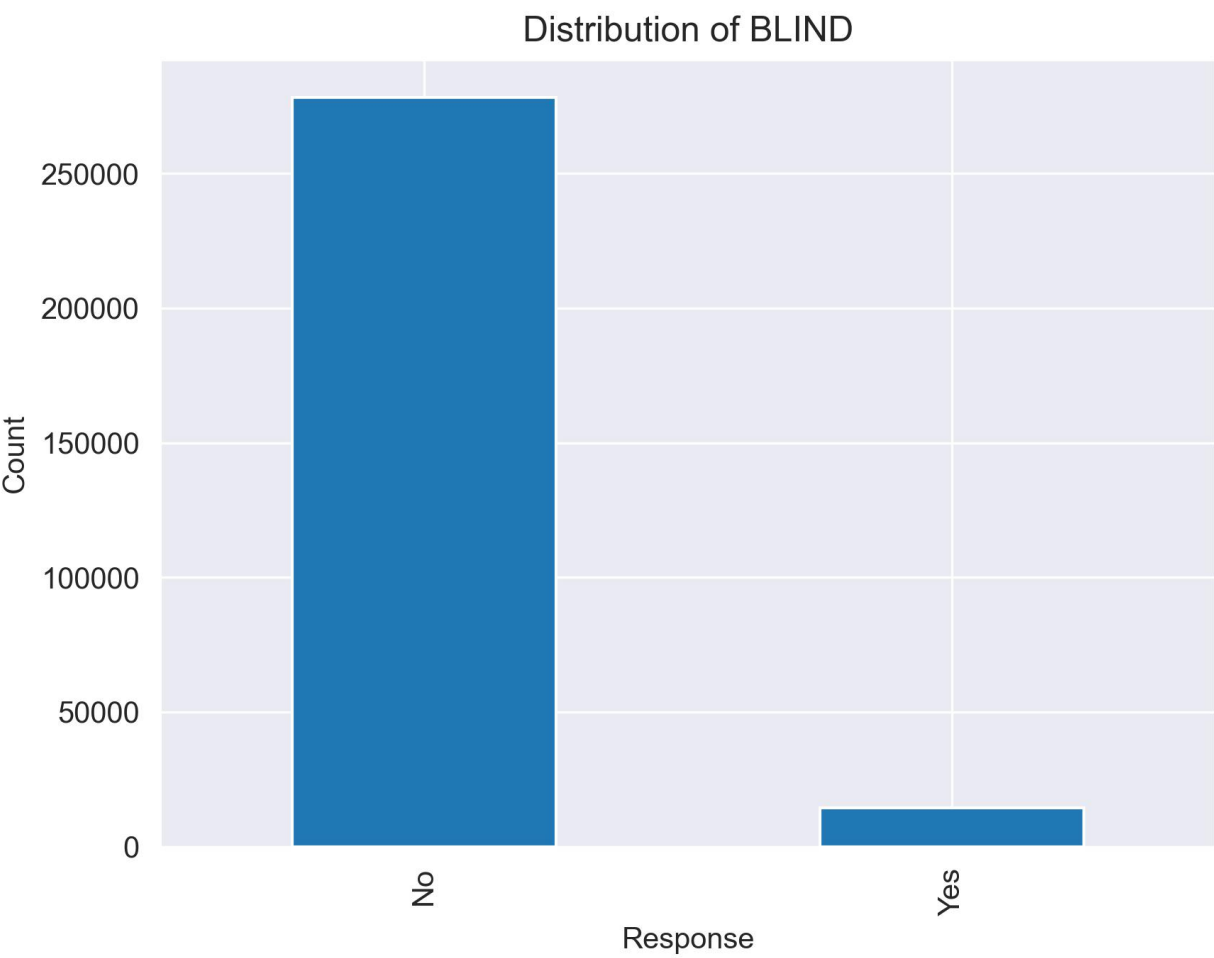


Fig 6: Distribution_of_COVIDPO1

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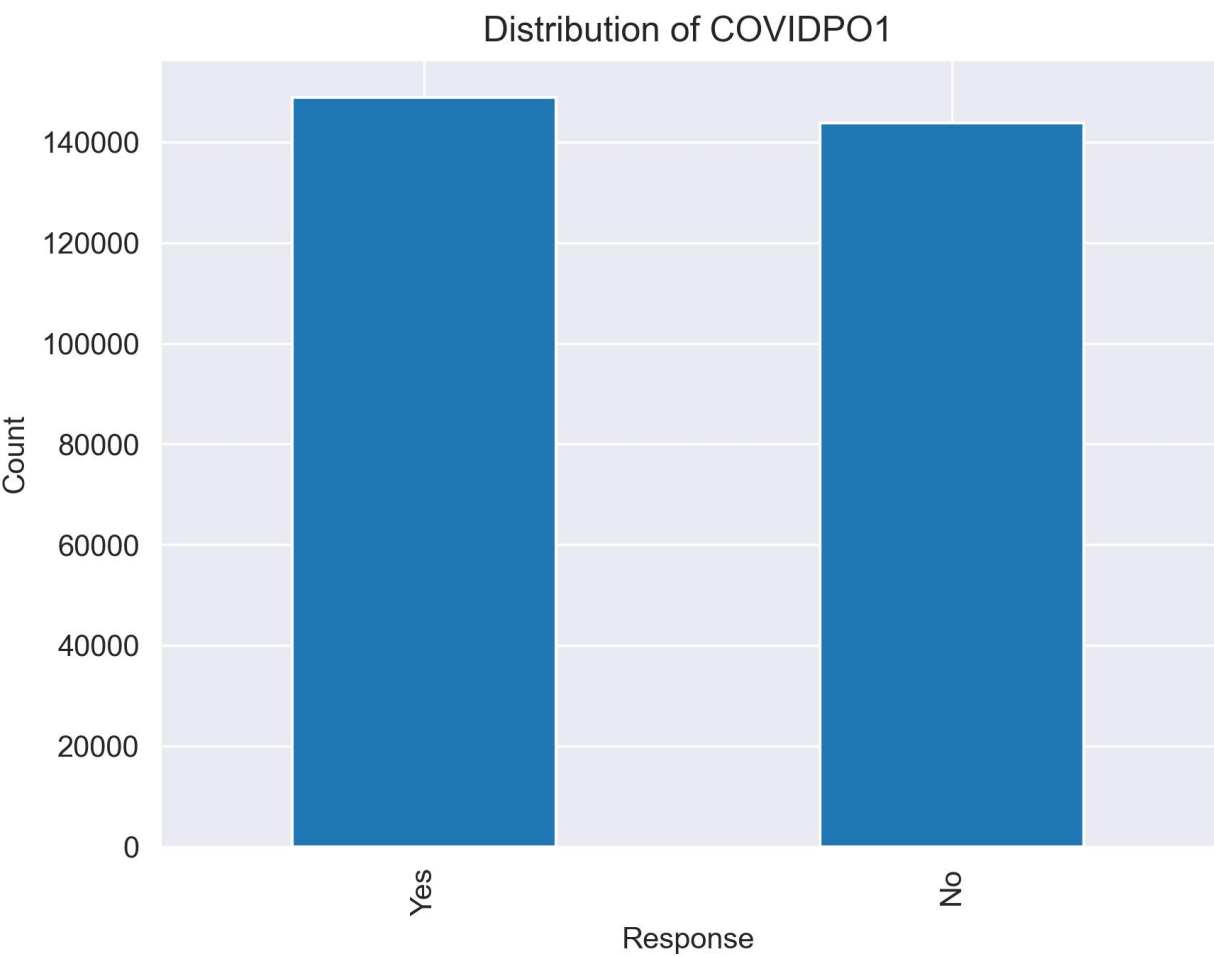


Fig 7: Distribution_of_DEAF

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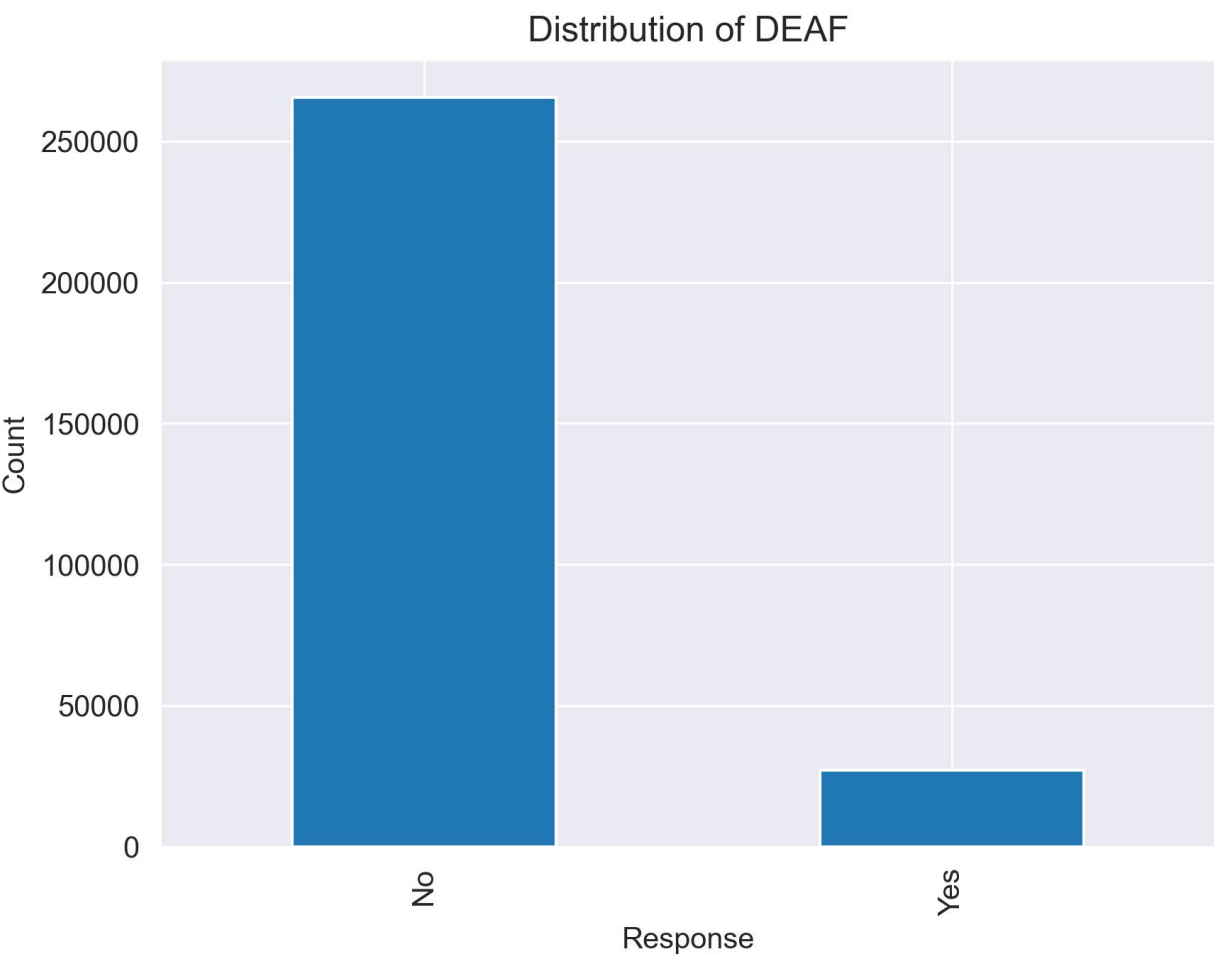


Fig 8: Distribution_of_DECIDE

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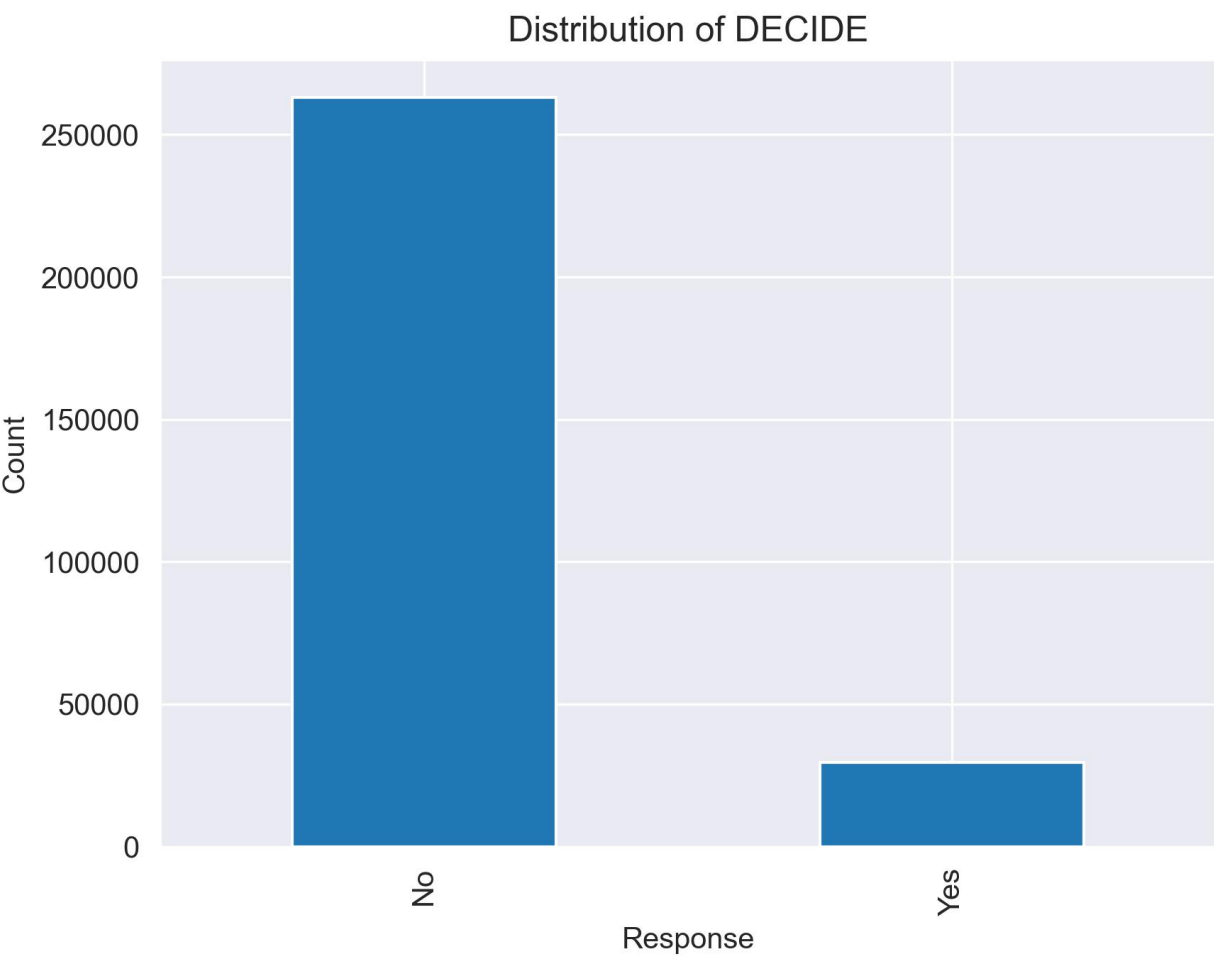


Fig 9: Distribution_of_DIFFALON

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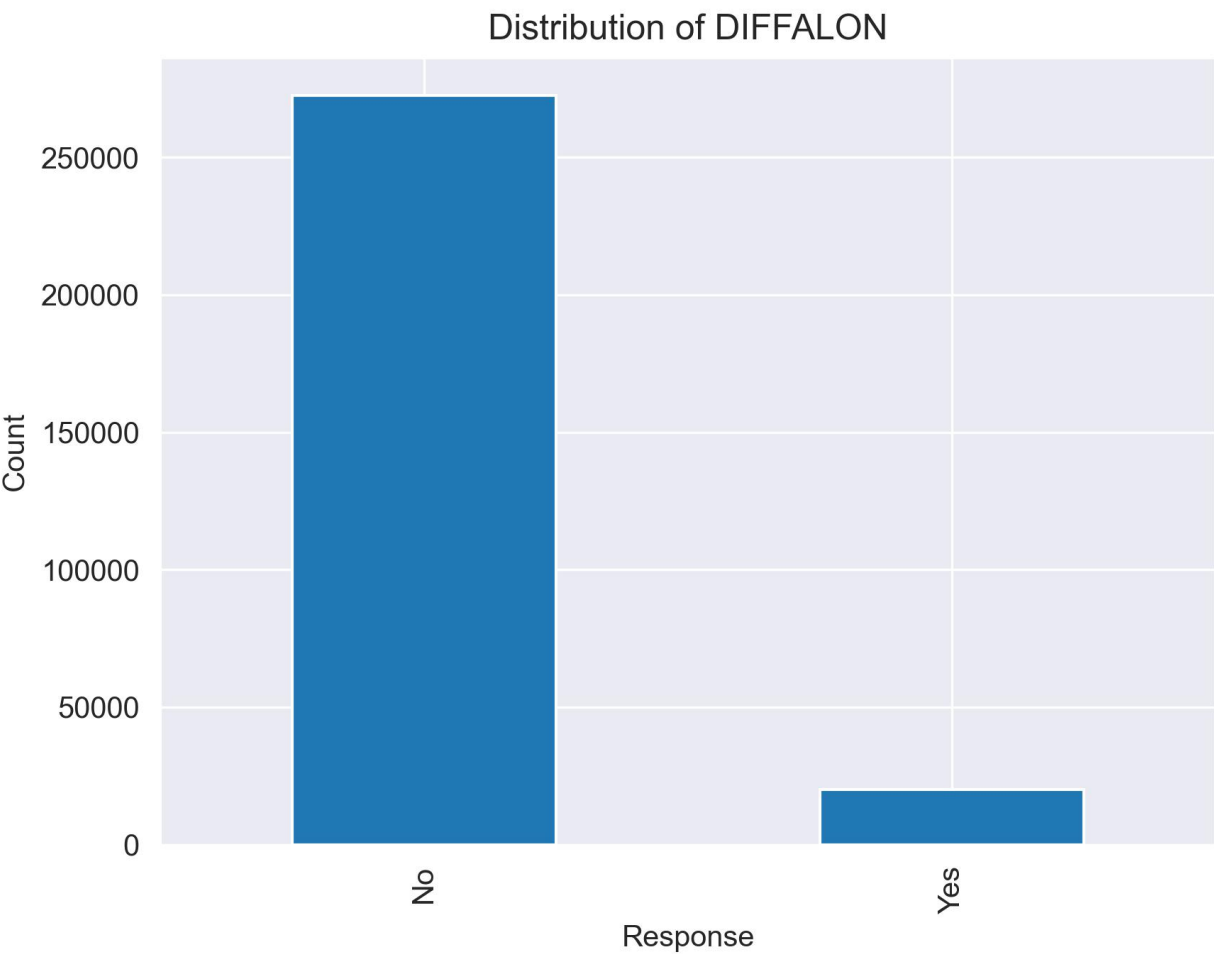


Fig 10: Distribution_of_DIFFDRES

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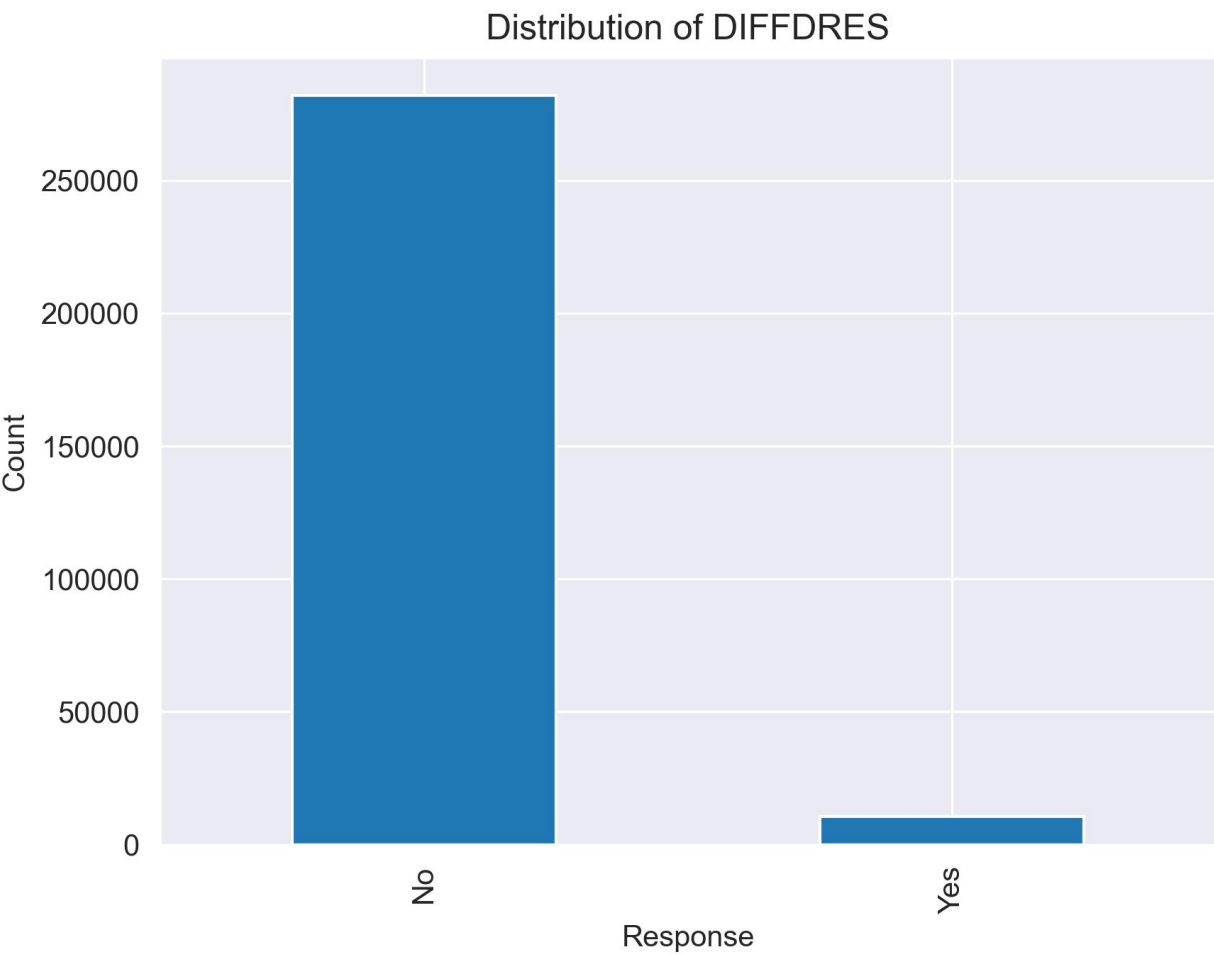


Fig 11: Distribution_of_DIFFWALK

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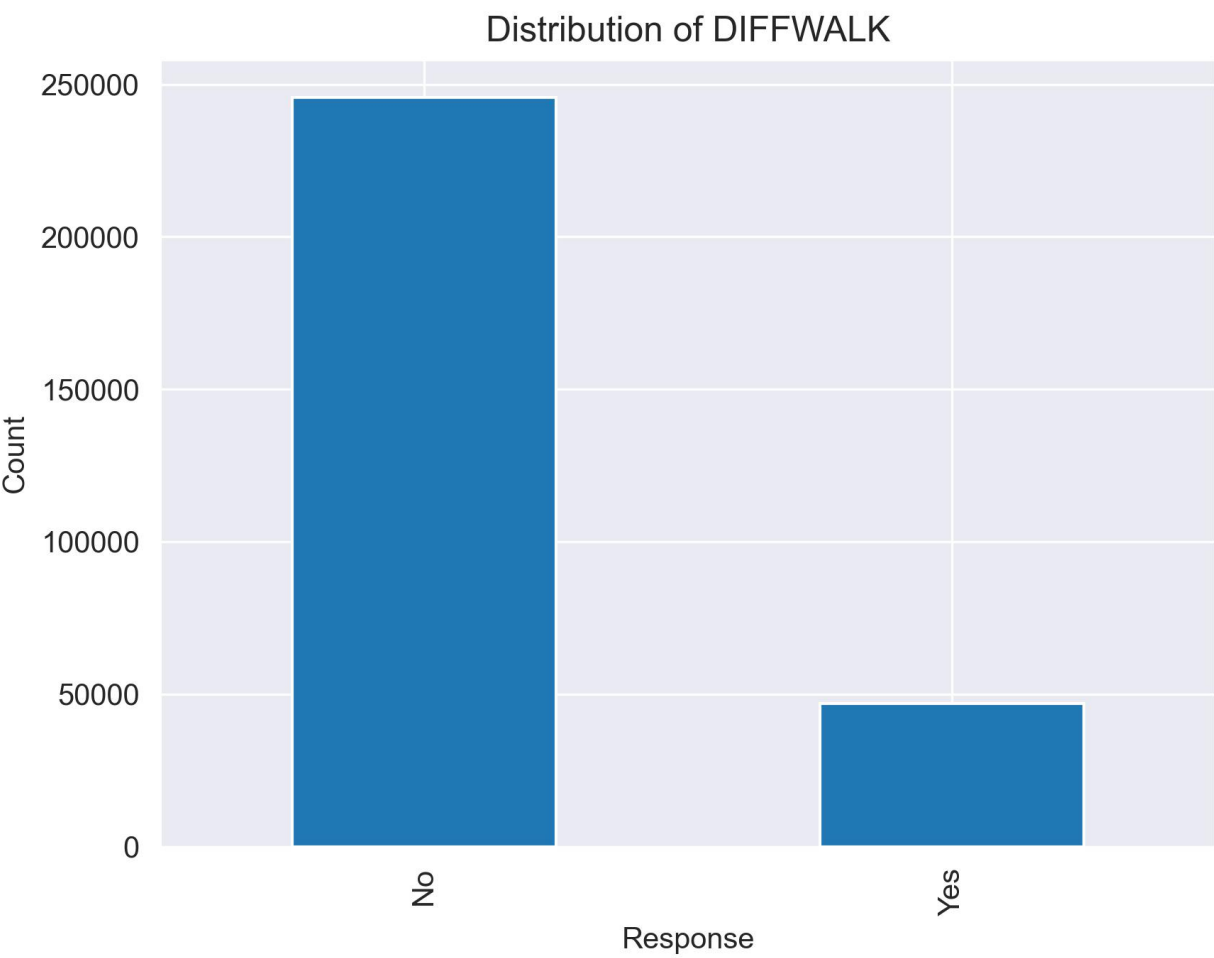


Fig 12: Distribution_of_ECIGNOW2

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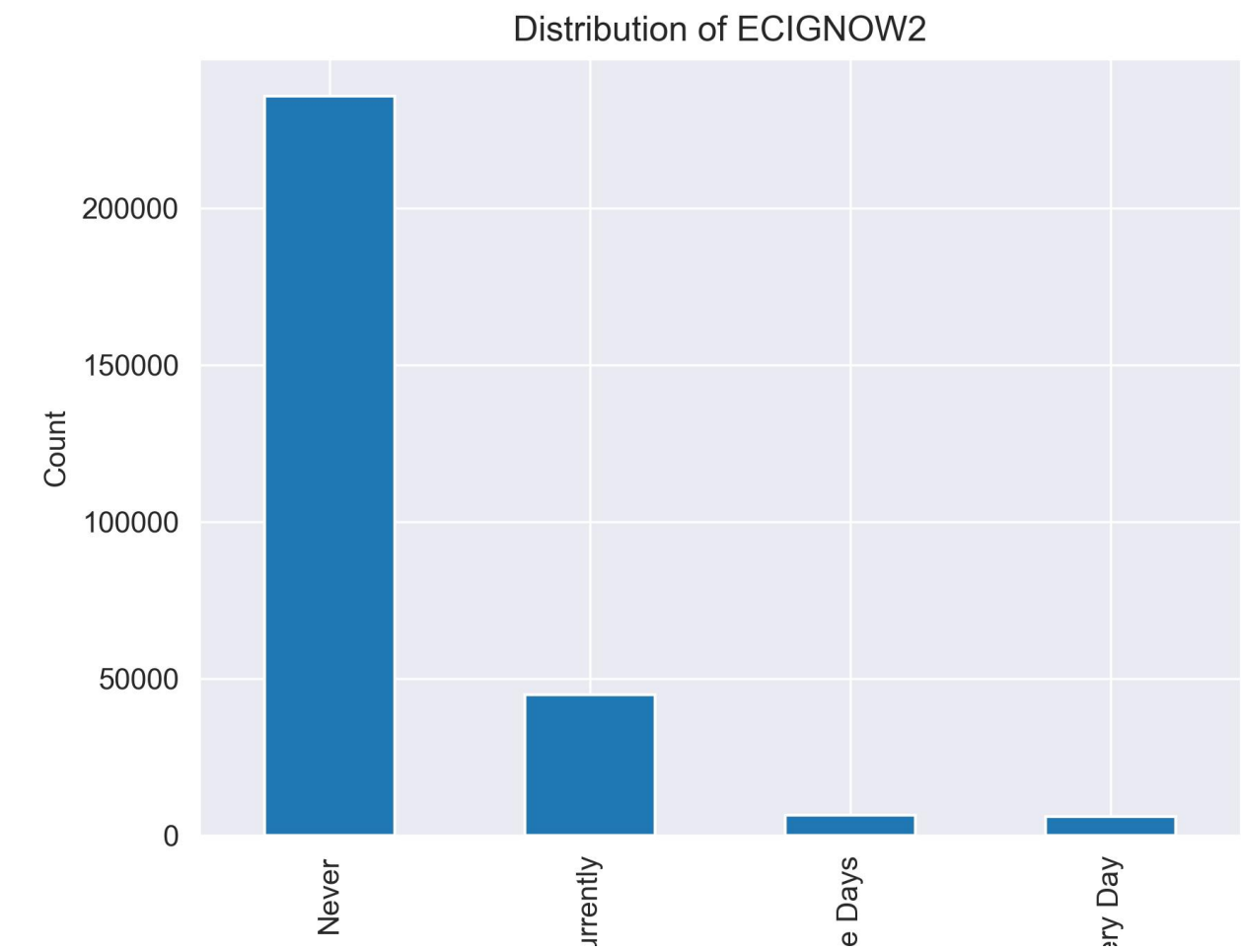


Fig 13: Distribution_of_EDUCA

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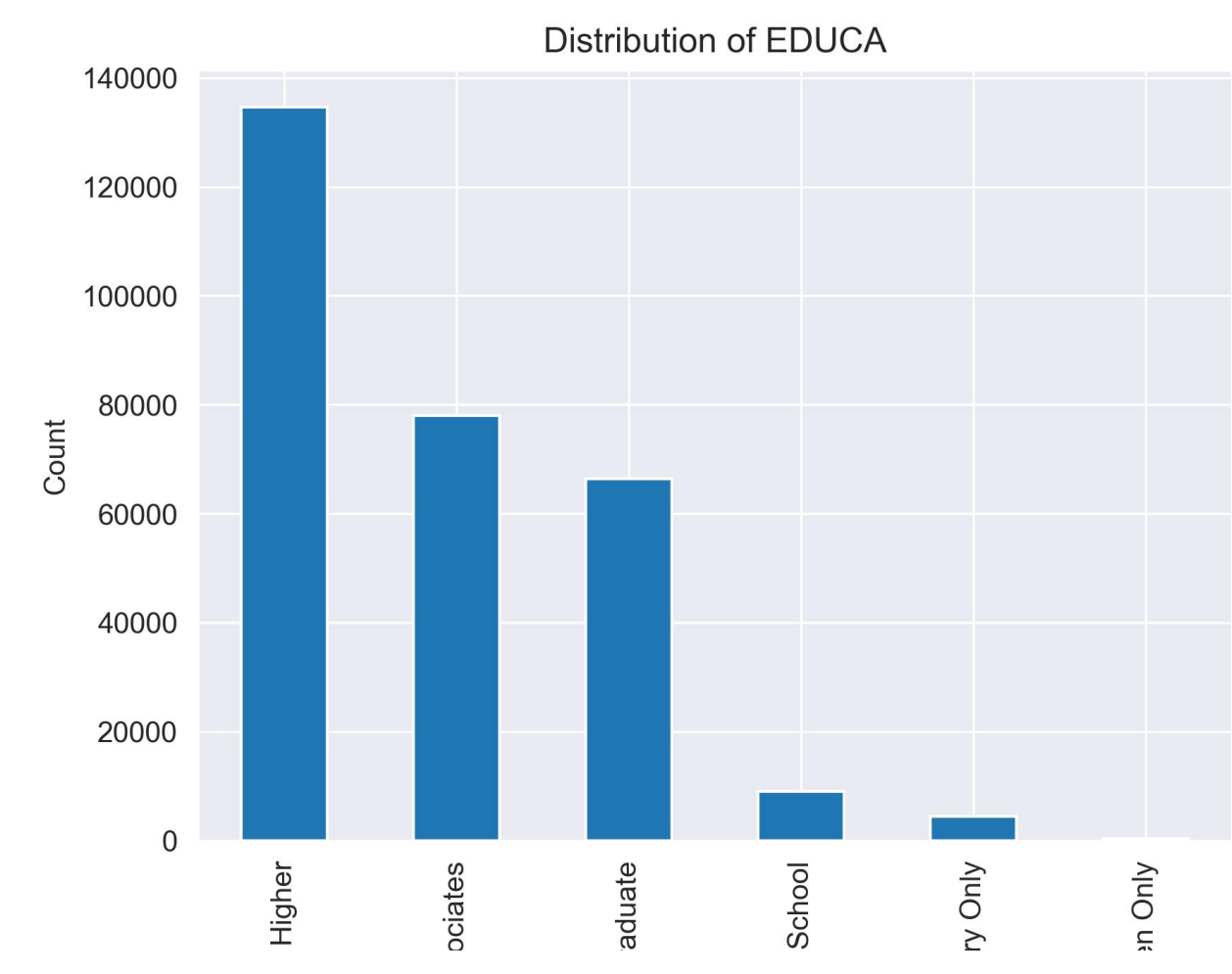


Fig 14: Distribution_of_EXERANY2

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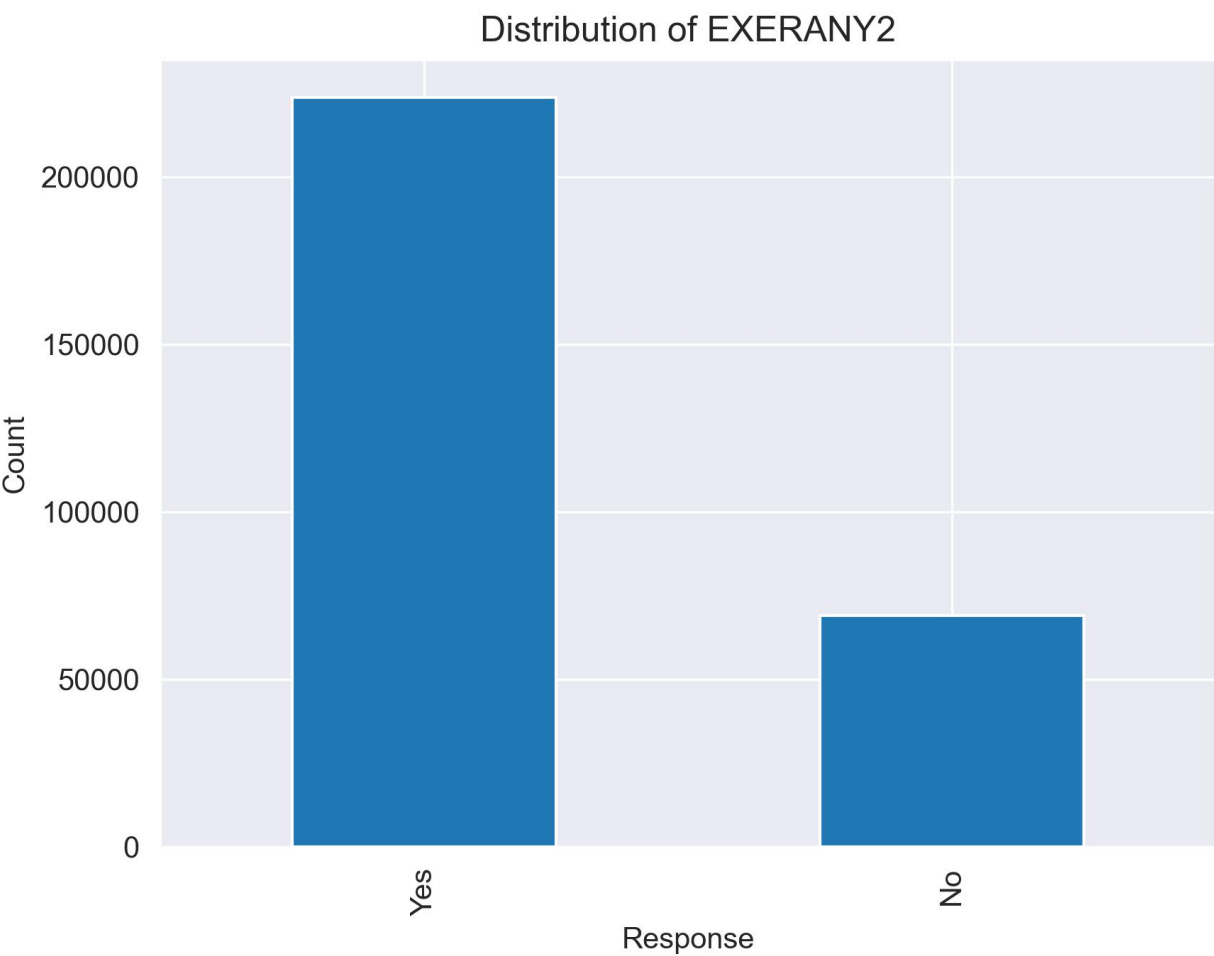


Fig 15: Distribution_of_FLUSHOT7

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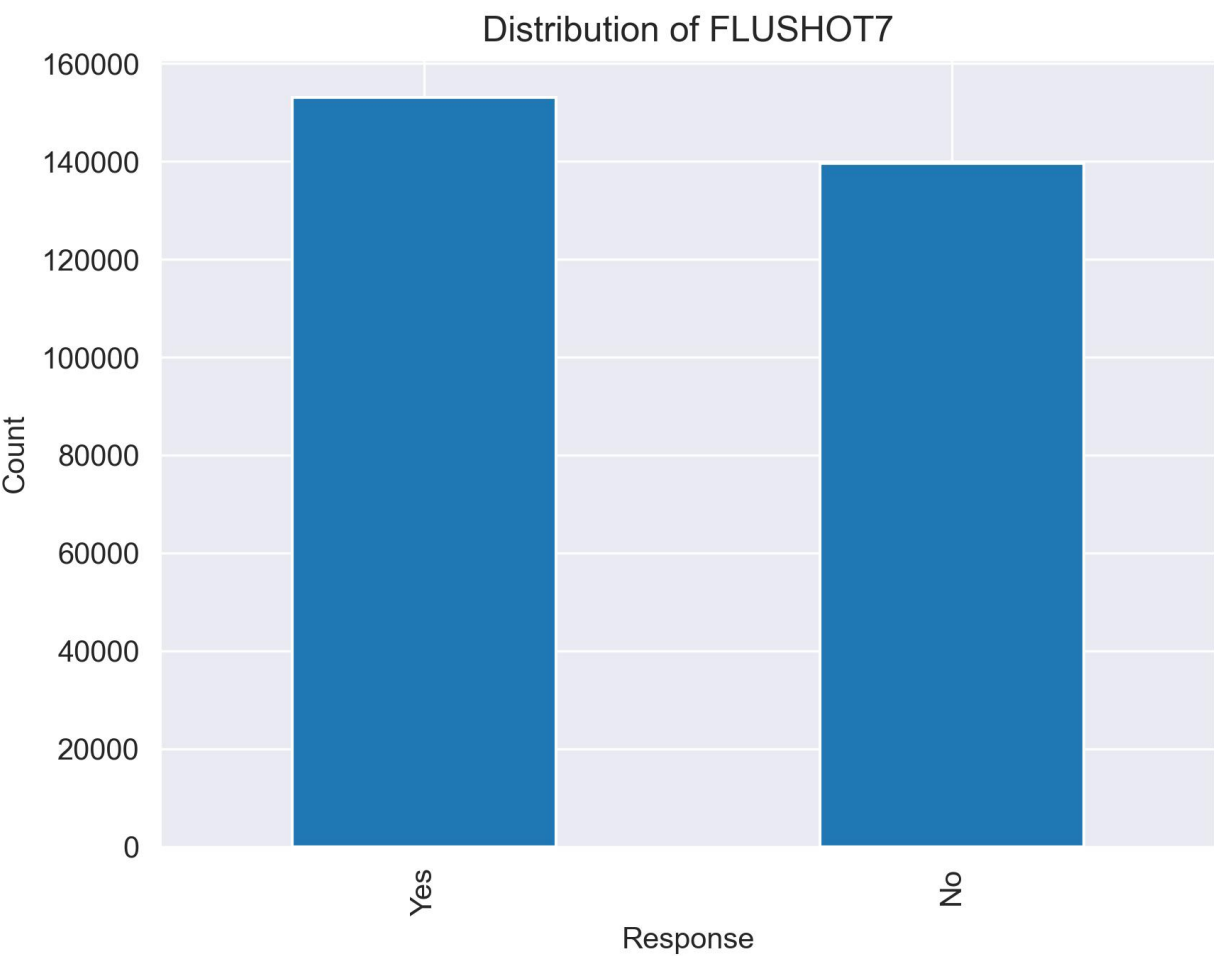


Fig 16: Distribution_of_GENHLTH

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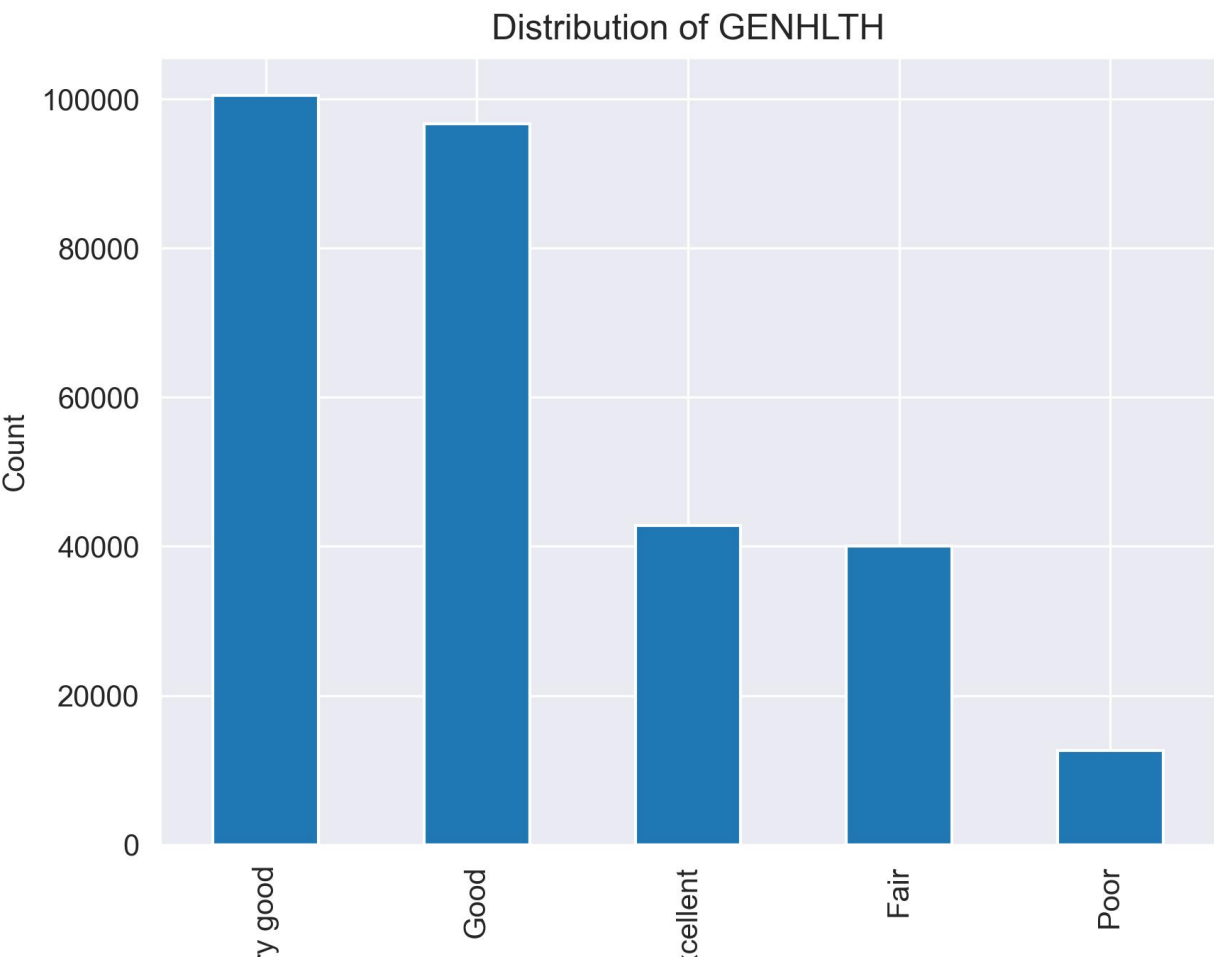


Fig 17: Distribution_of_PNEUVAC4

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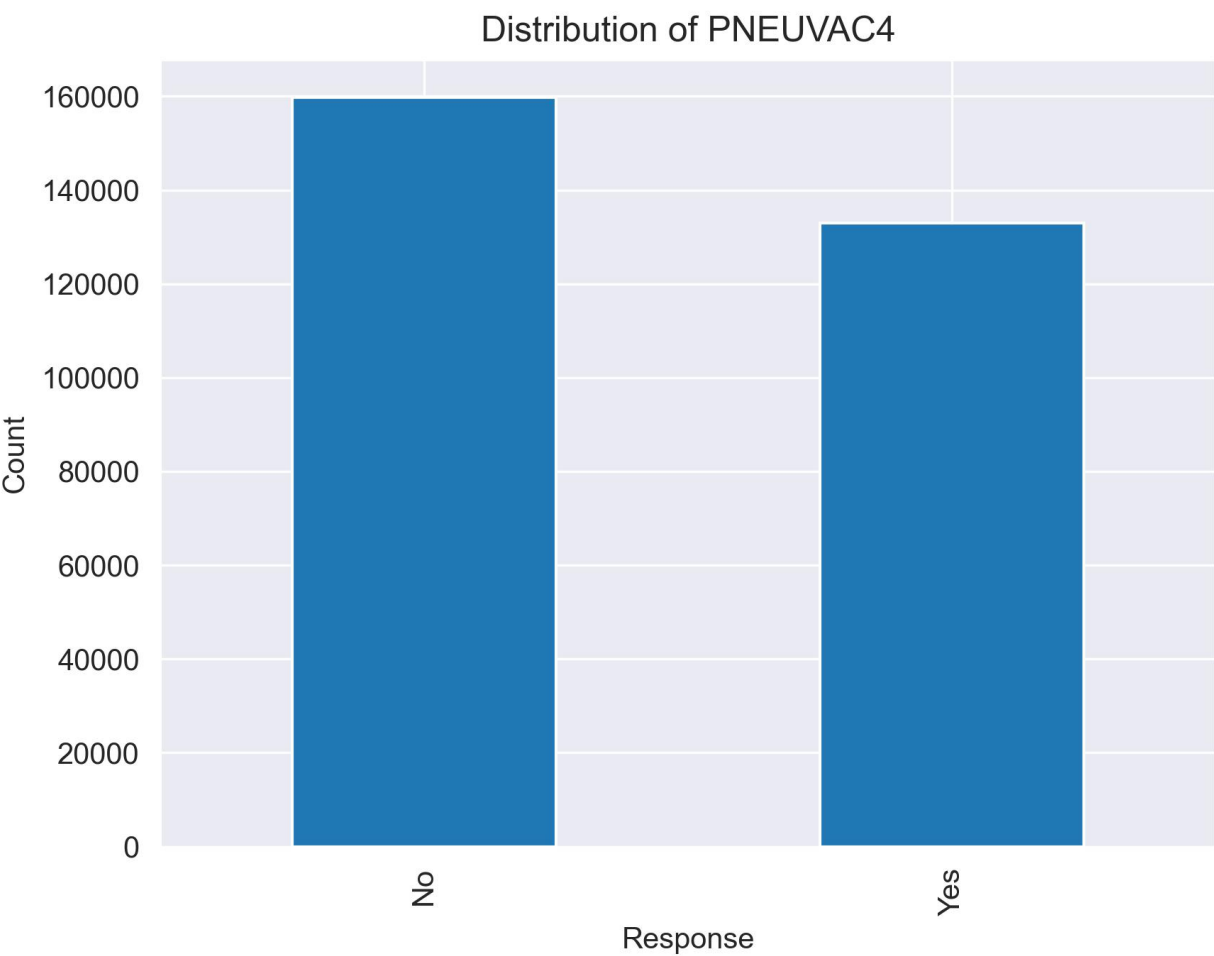


Fig 18: Distribution_of_SEATBELT

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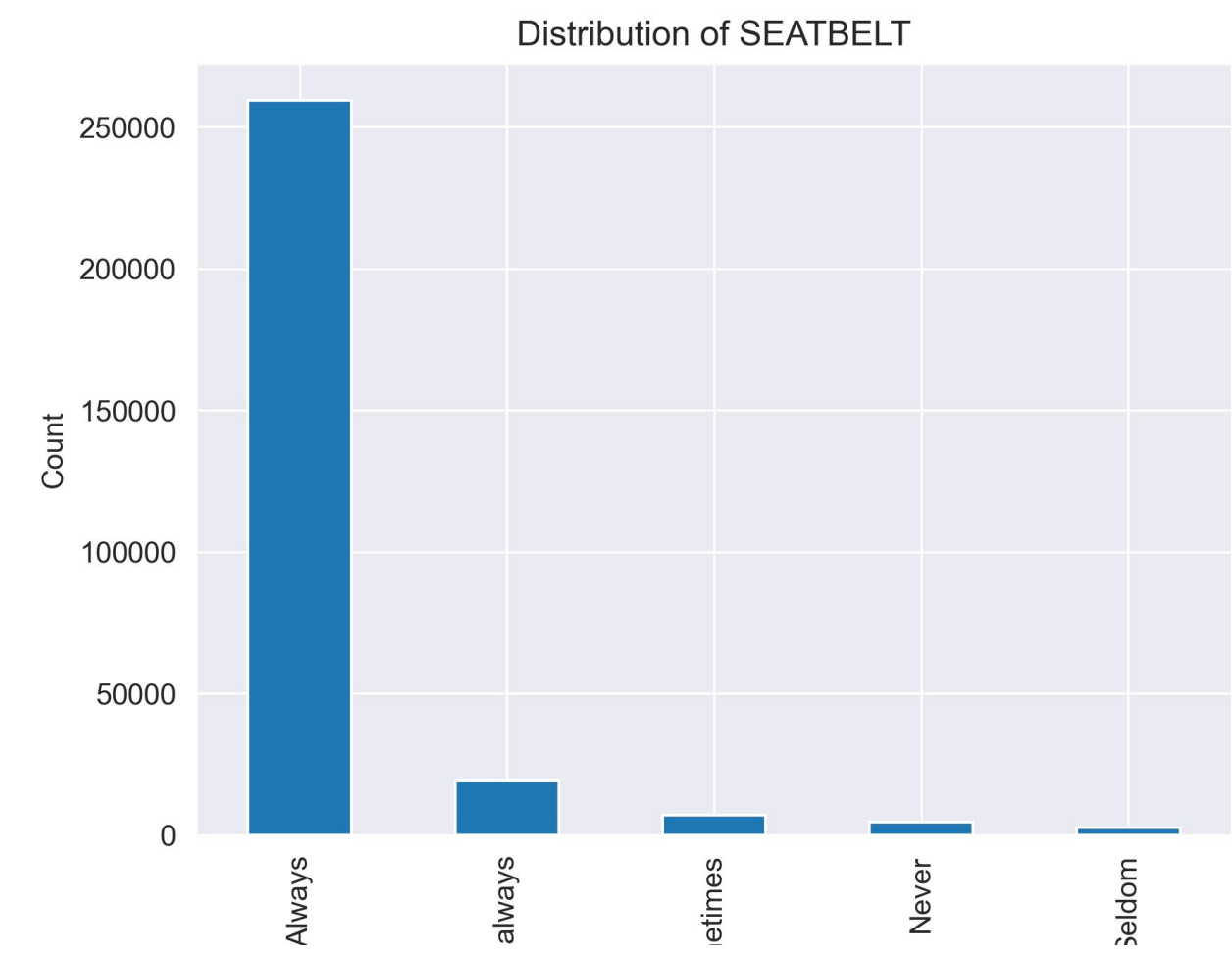


Fig 19: Distribution_of_SMOKE100

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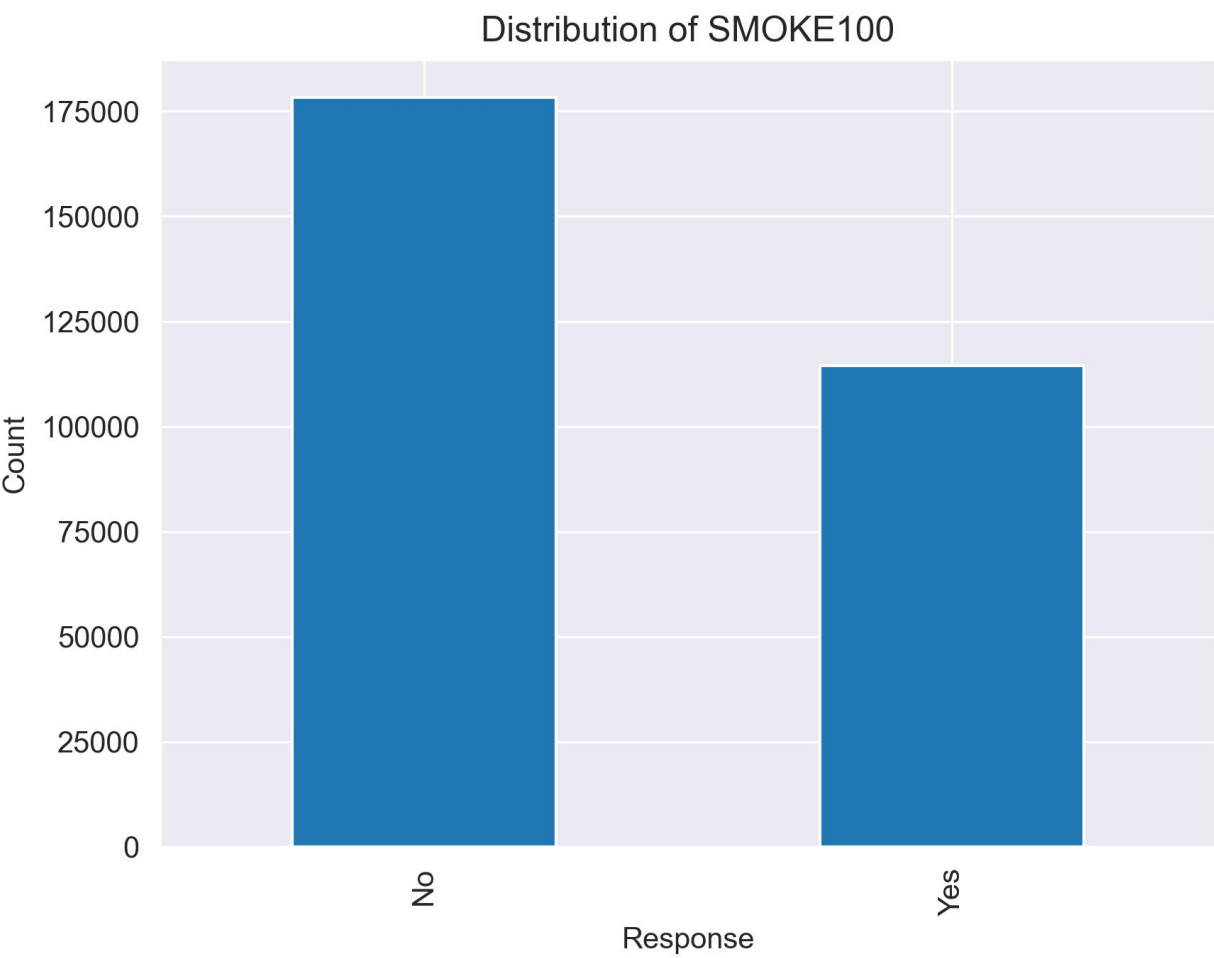


Fig 20: Distribution_of_TOLDHI3

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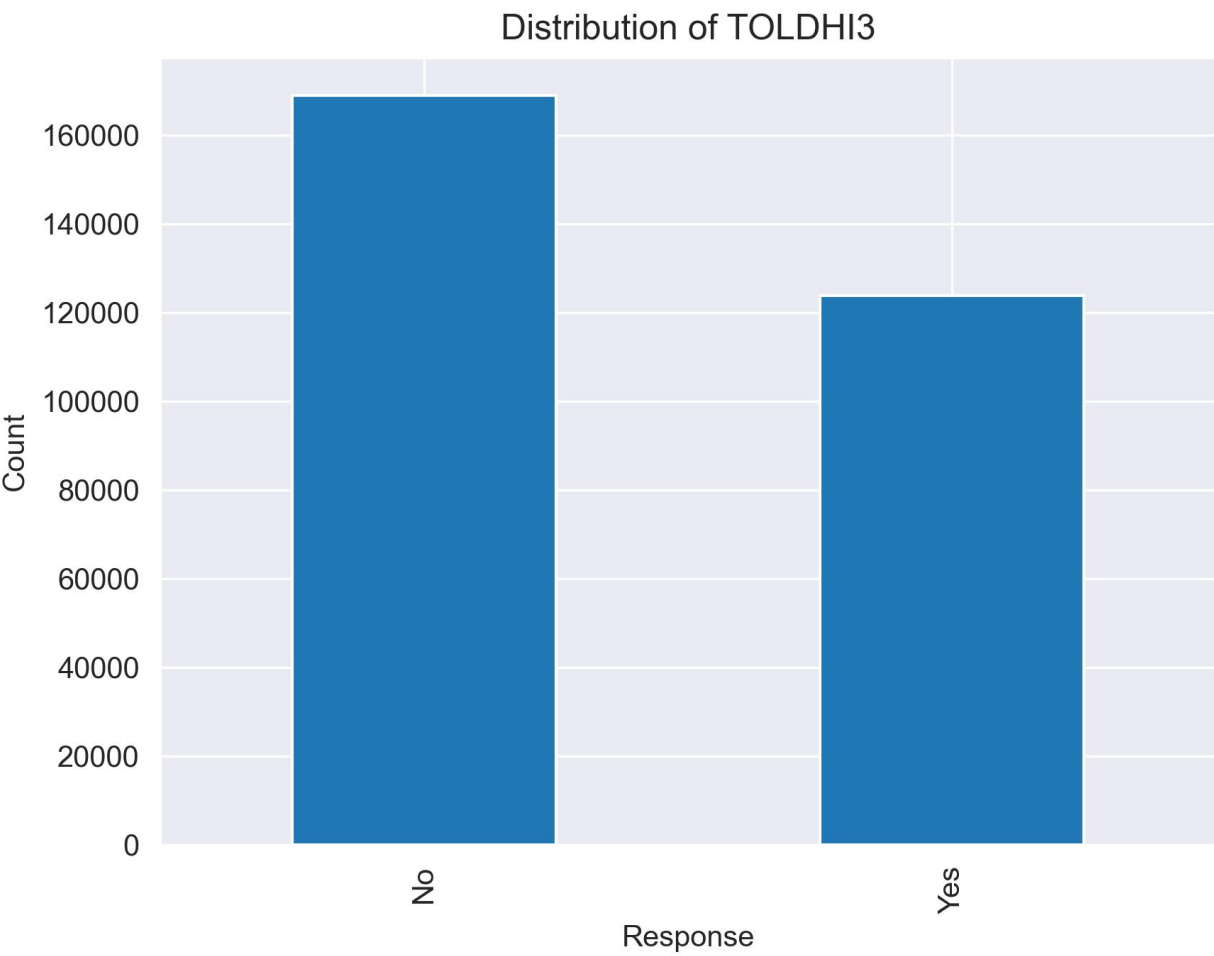


Fig 21: Kmode_elbow

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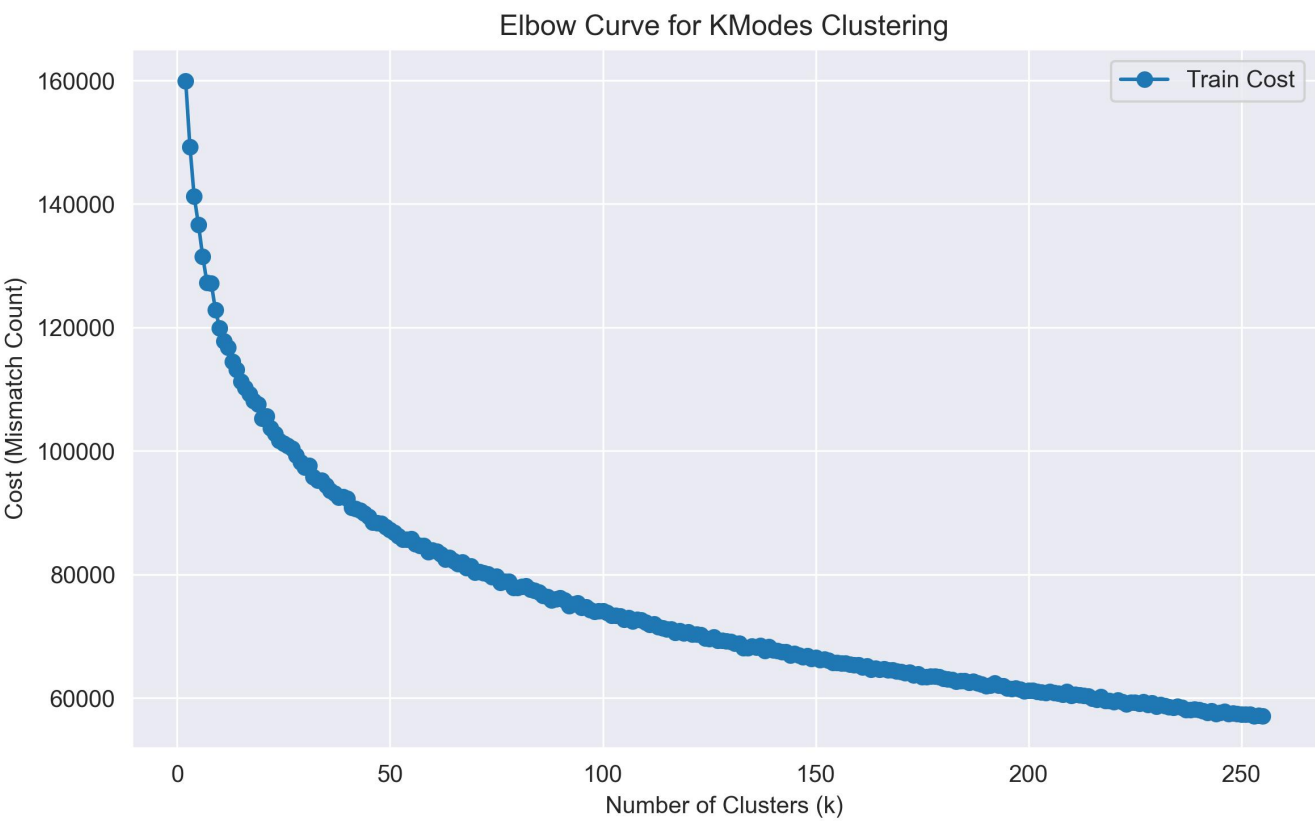


Fig 22: Percentage_of_Yes_Responses_by_Condition

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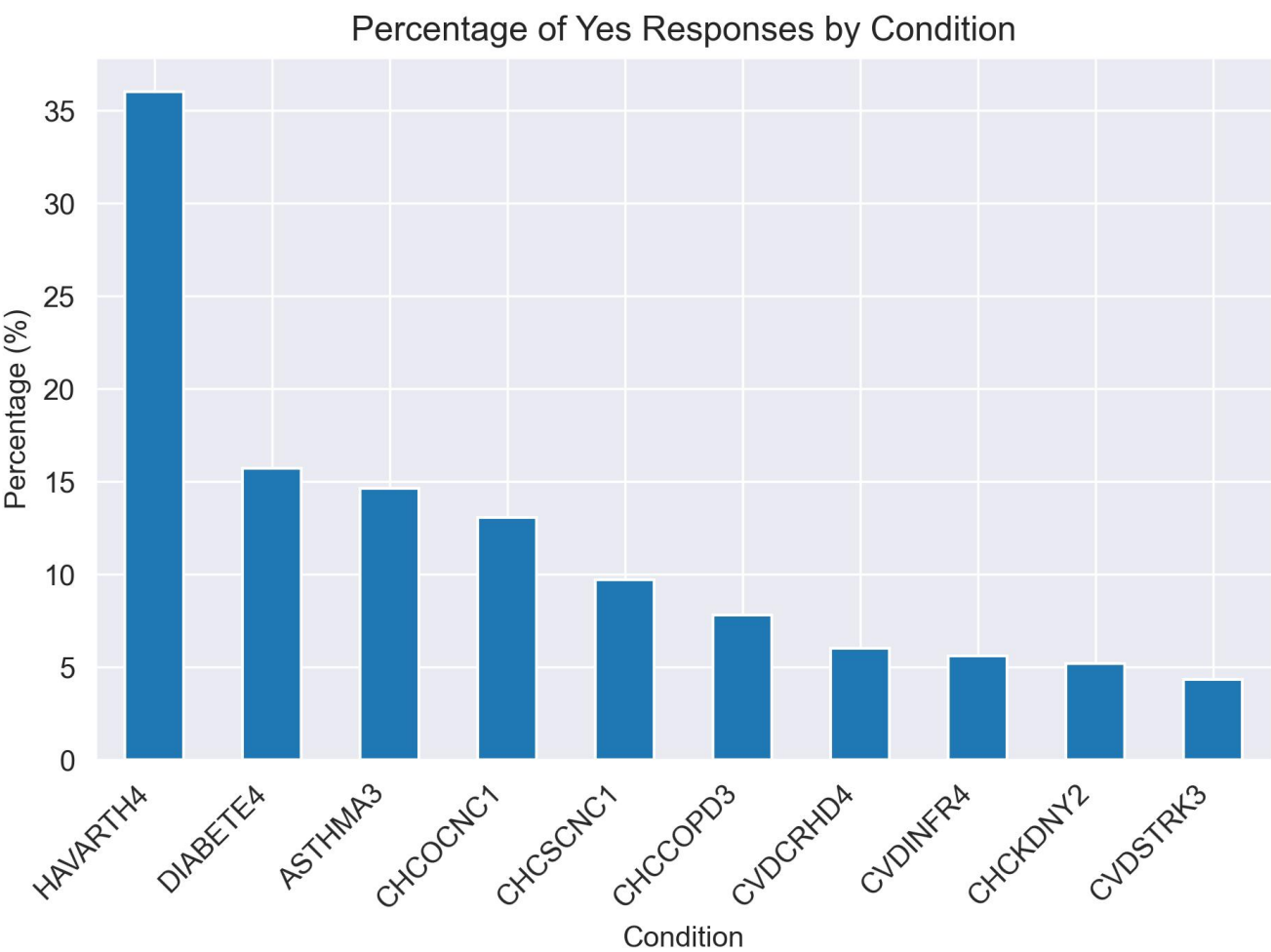


Fig 23: TFLOW_silhouette

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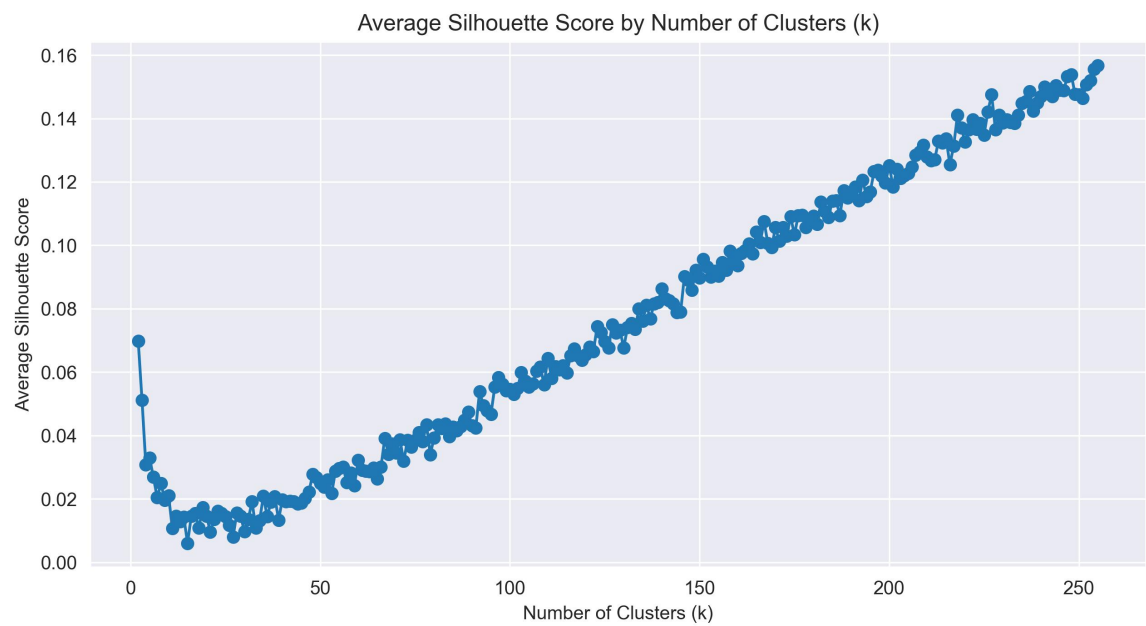


Fig 24: chronic_condition_heatmap

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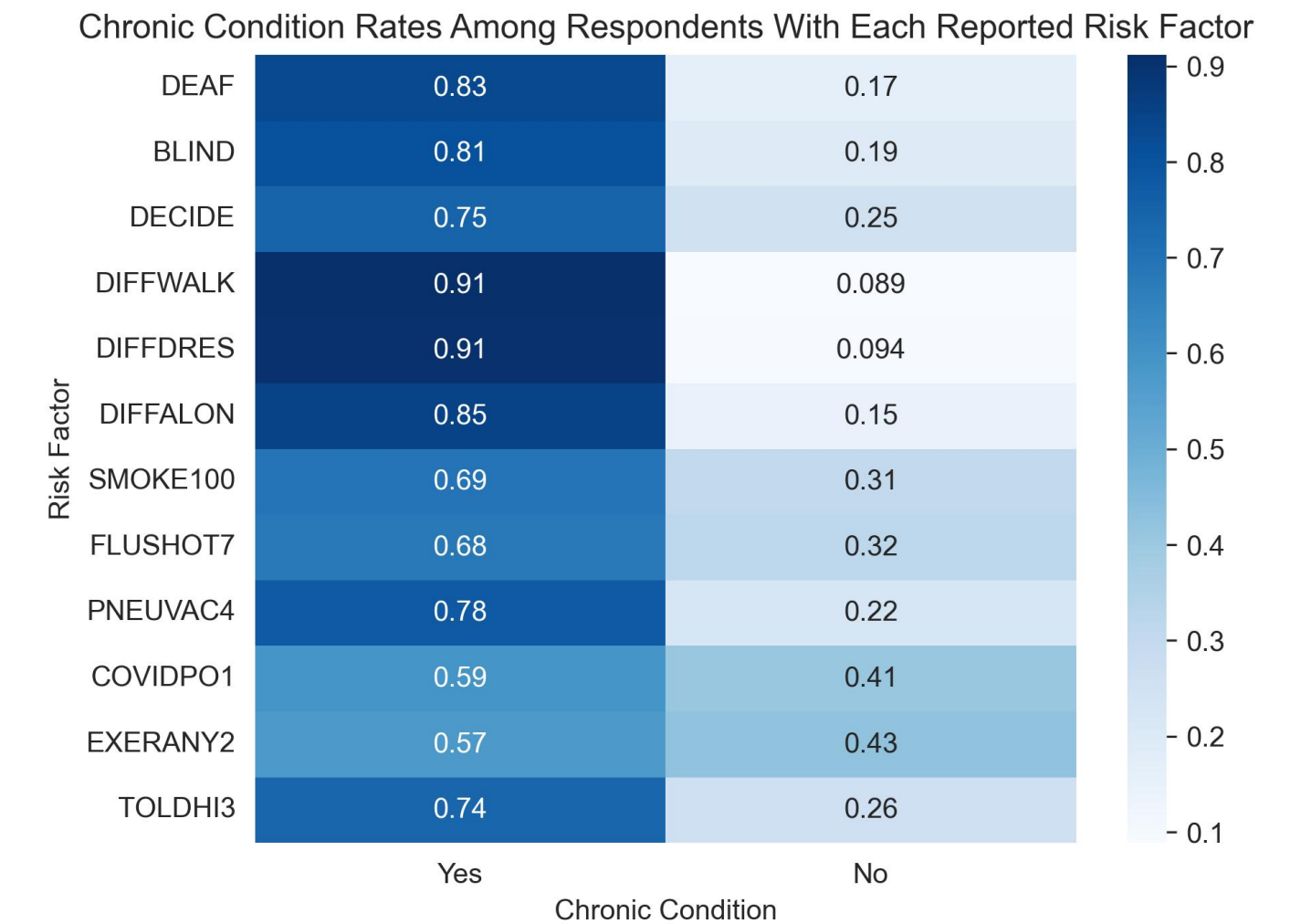


Fig 25: chronic_vs_ecignow2

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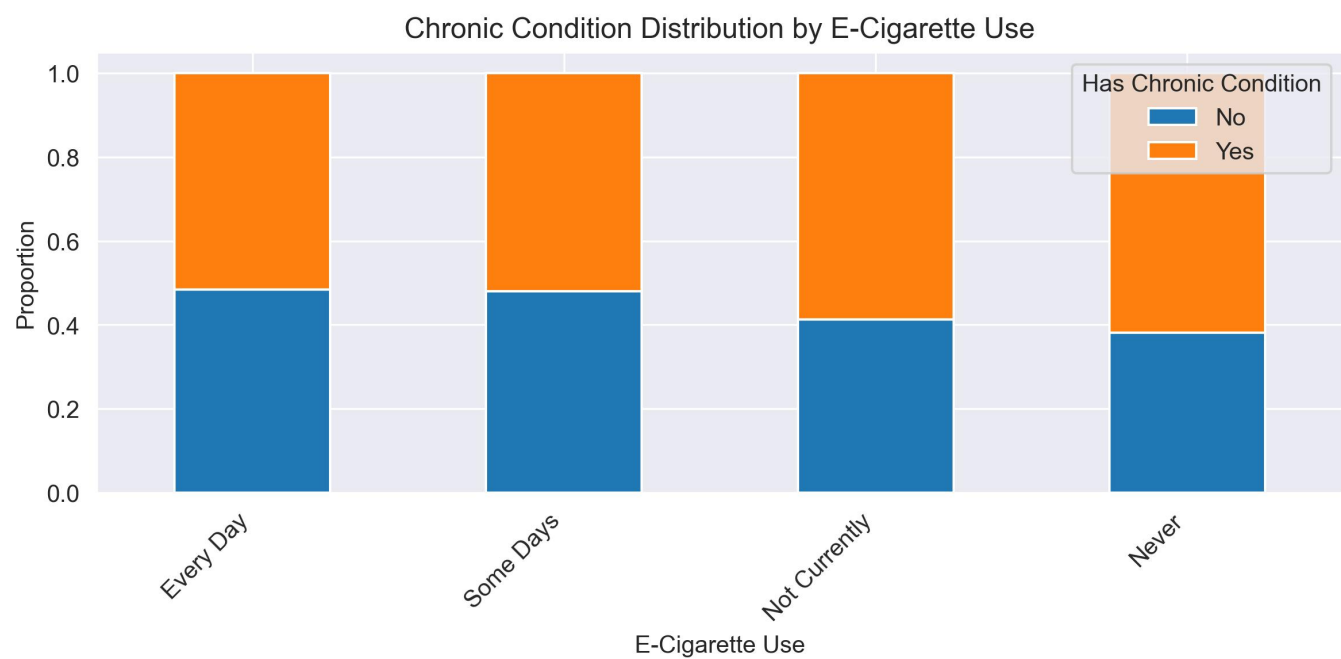


Fig 26: chronic_vs_genhlth

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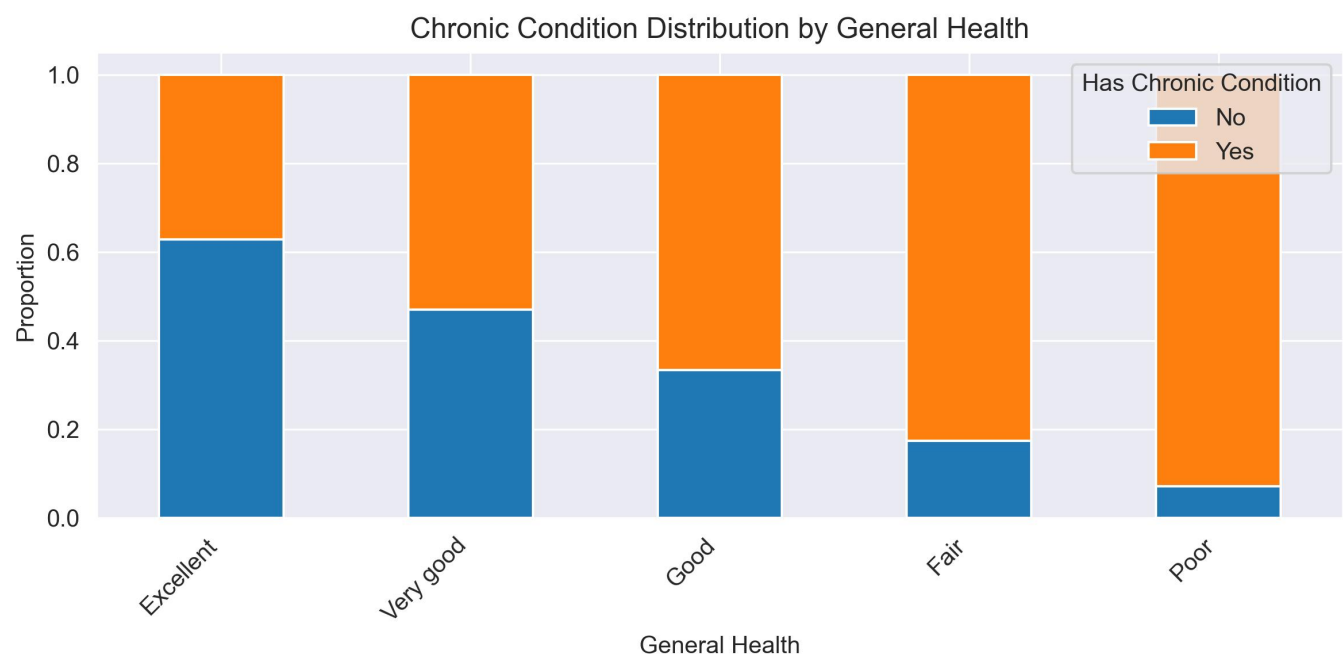


Fig 27: chronic_vs_seatbelt

Created: 2025-06-21 00:12:47

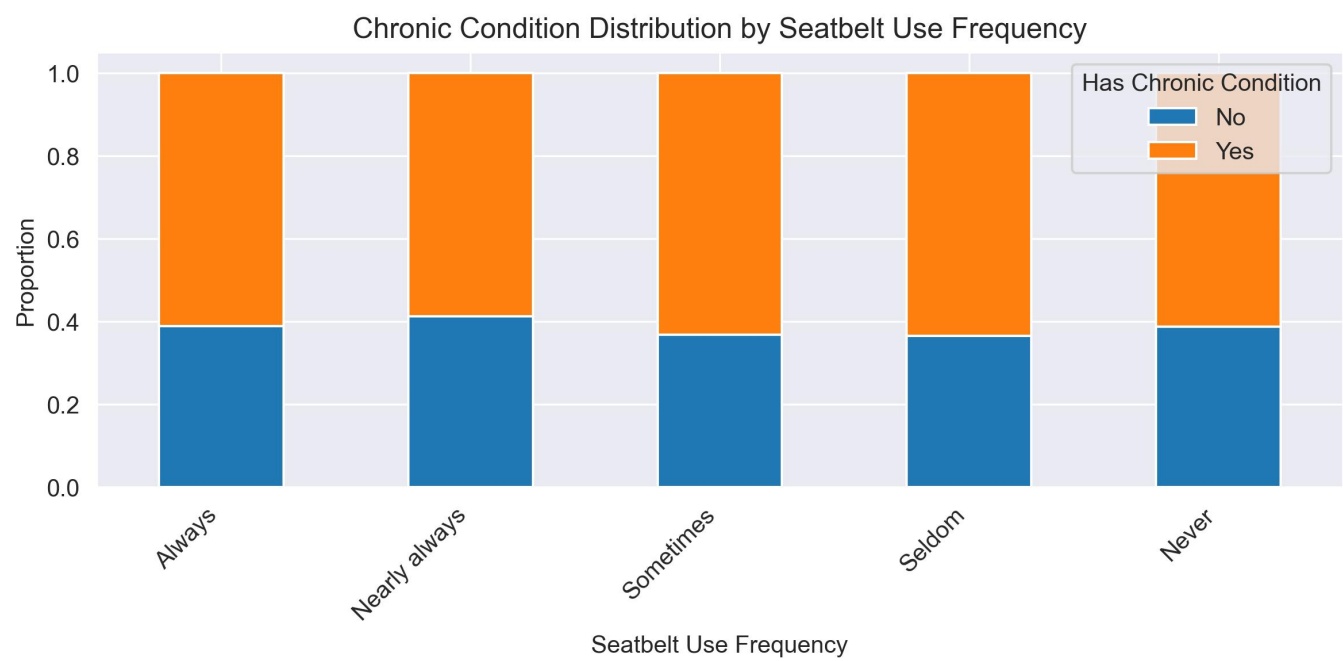


Fig 28: educationvschronic

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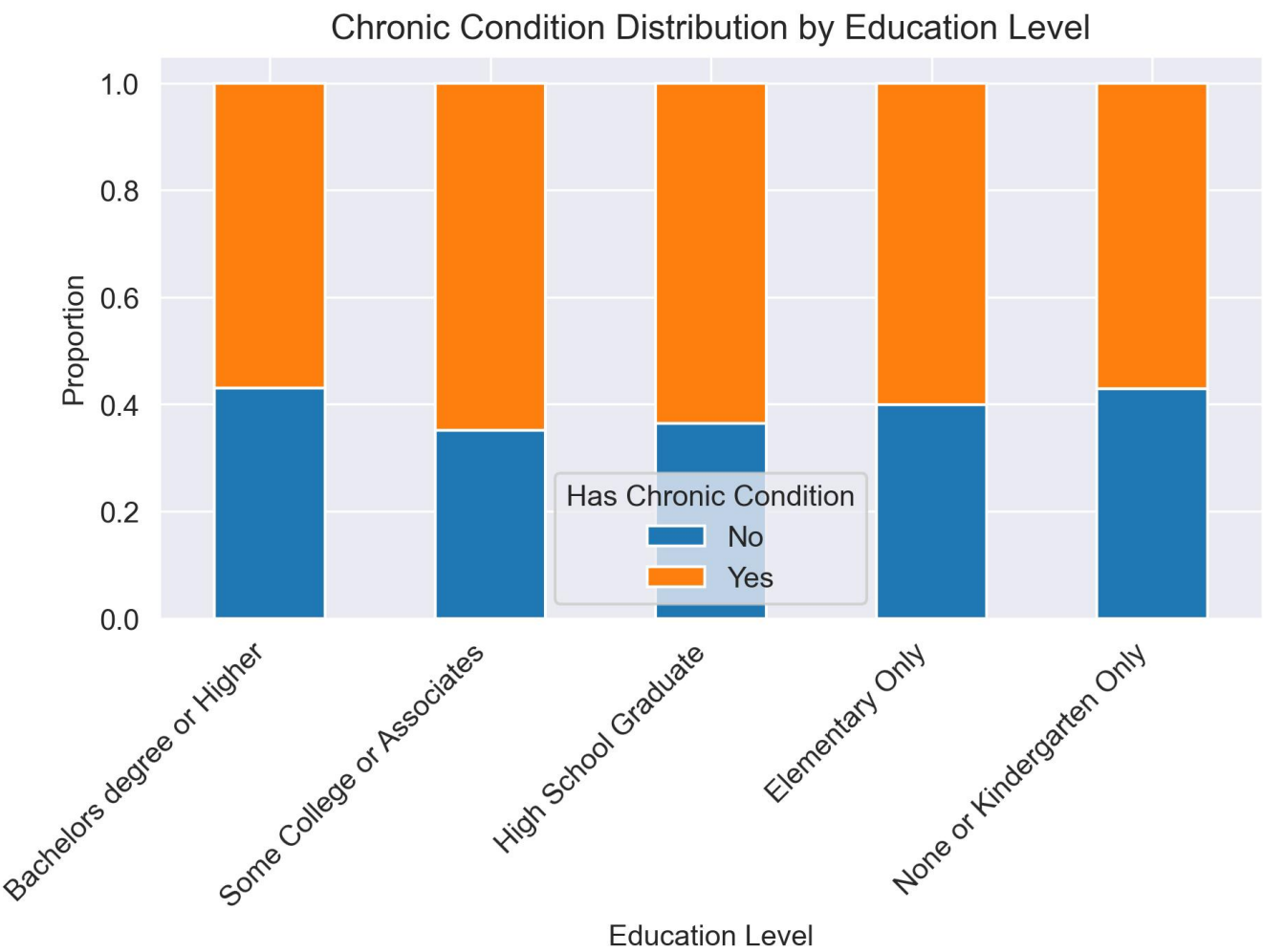


Fig 29: neg_chronic_condition_heatmap

Created: 2025-06-21 00:12:47

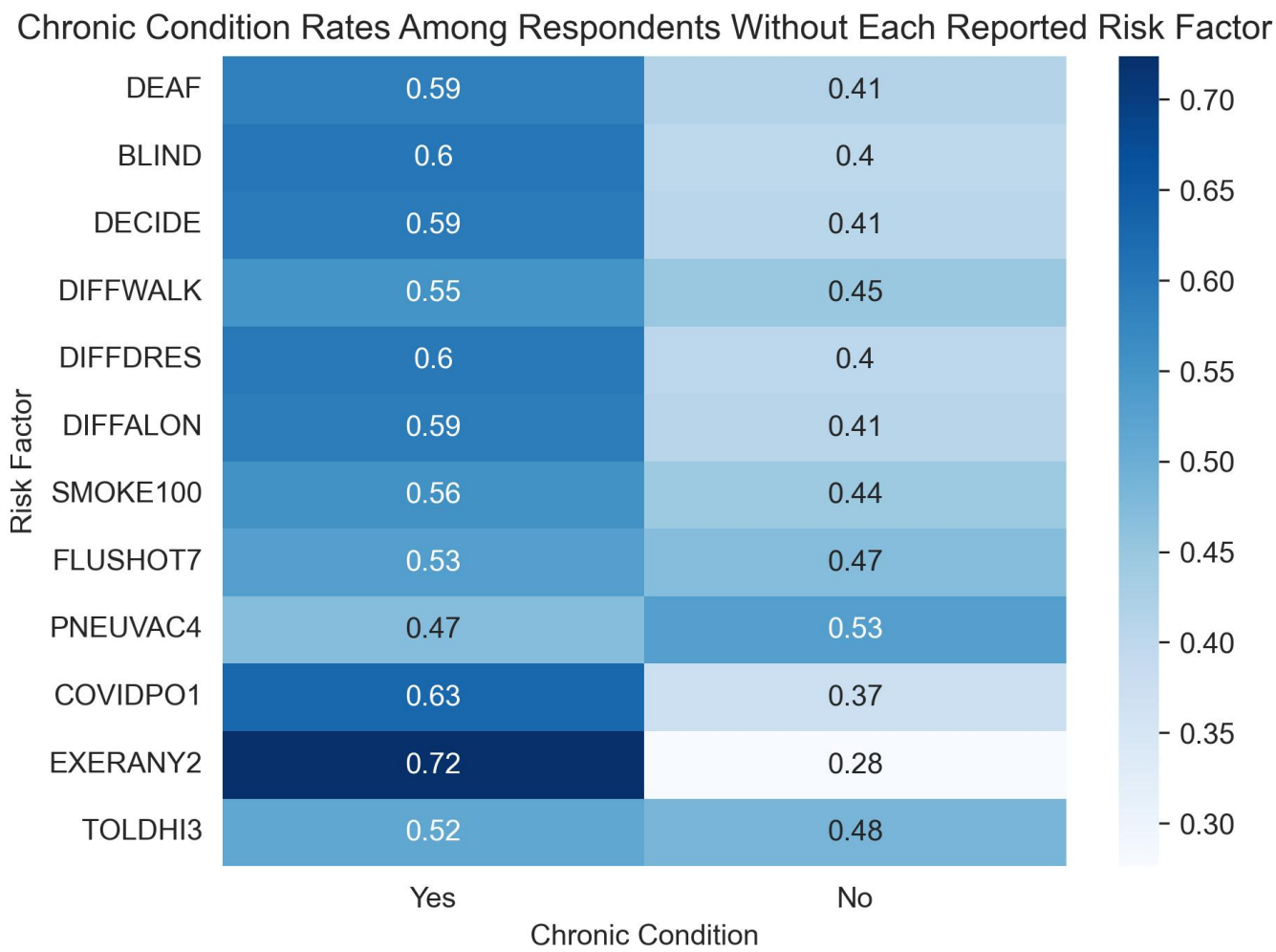


Fig 30: Any_Chronic_(alt)_Condition

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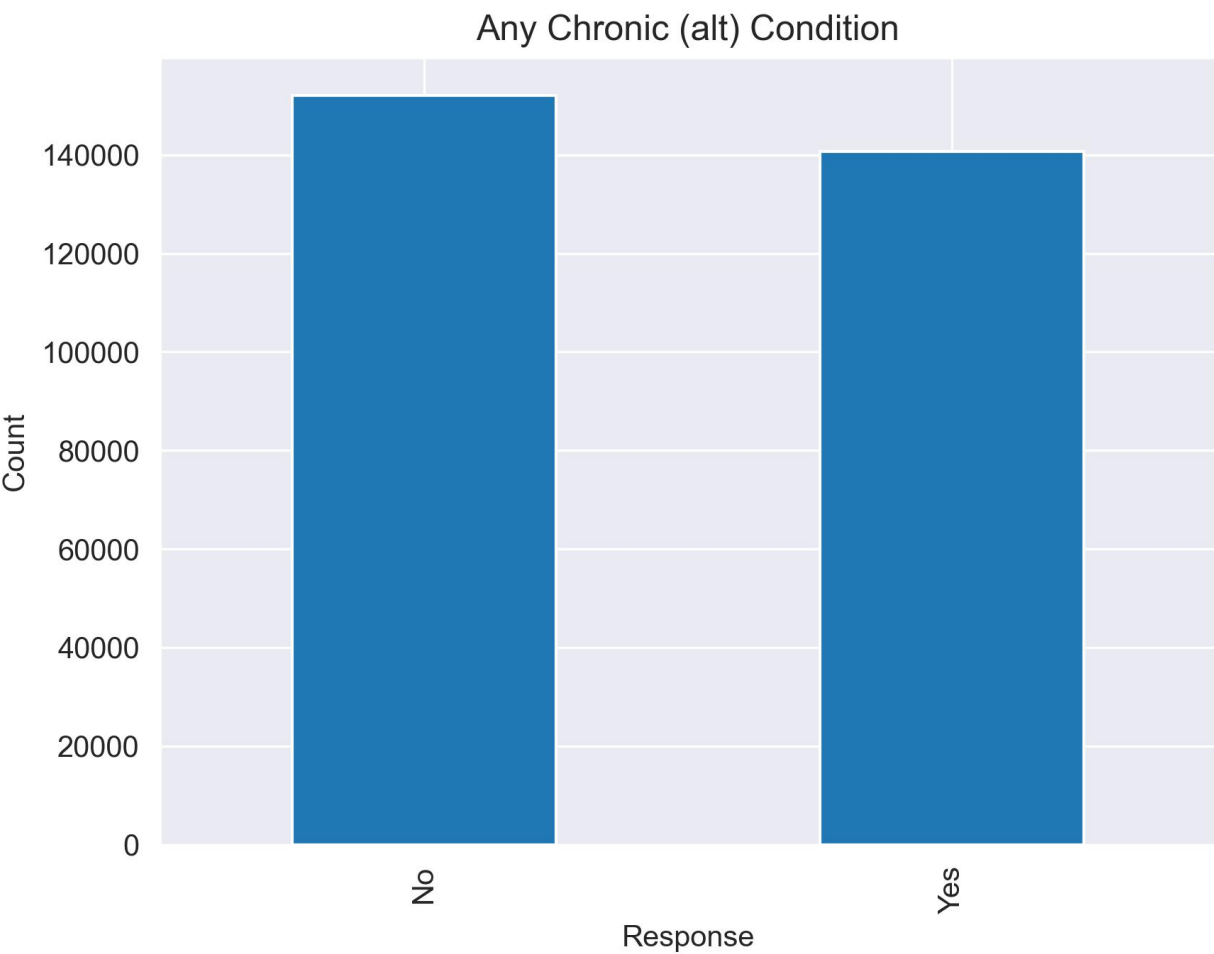


Fig 31: chronic2_condition_heatmap

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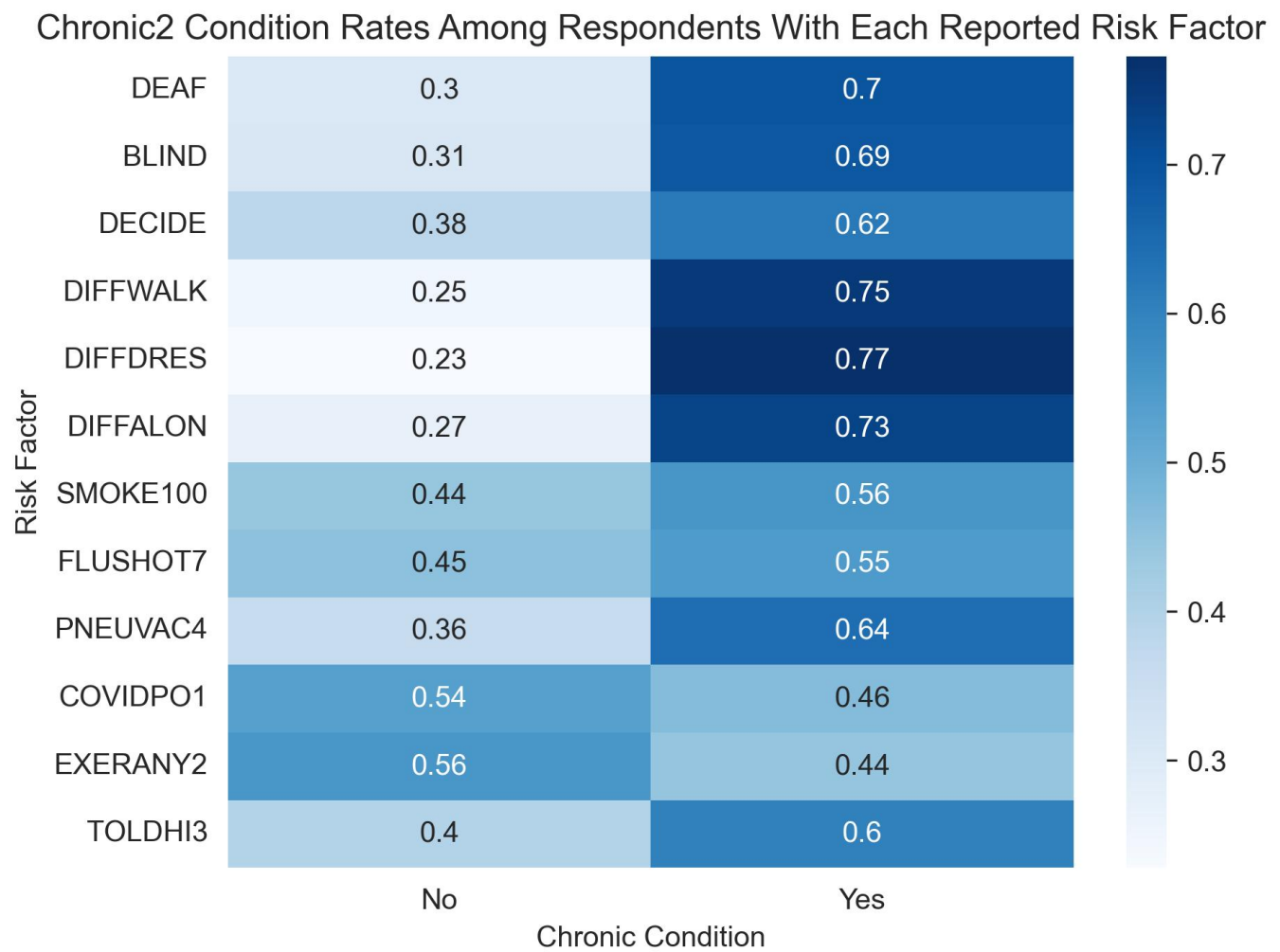


Fig 32: screeplot_mca

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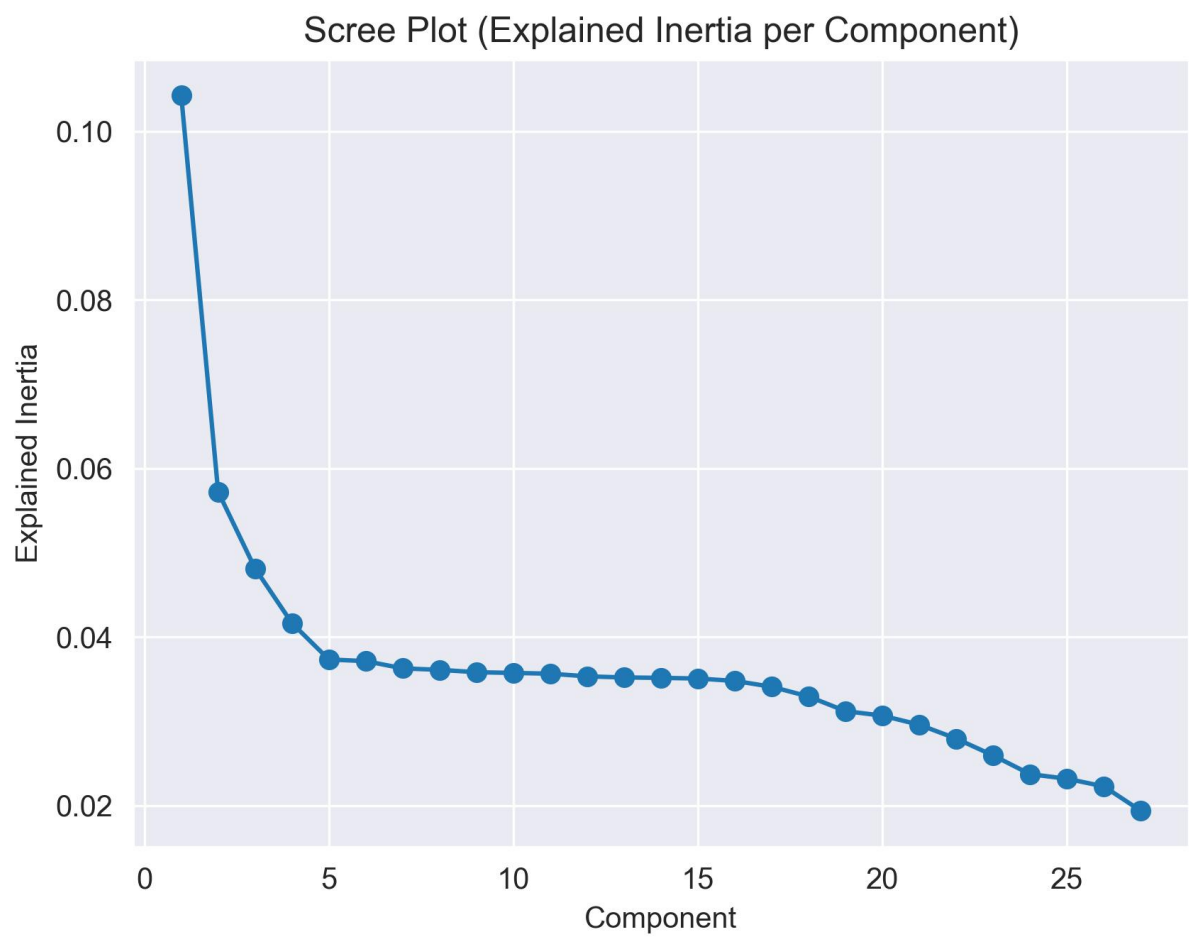


Fig 33: all_chronic_baseline_table

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Individual feature baseline results for ALL_CHRONIC

	accuracy	precision	recall	f1_score
EDUCA	0.54	0.643	0.555	0.596
DEAF	0.45	0.83	0.126	0.219
BLIND	0.419	0.805	0.065	0.121
DECIDE	0.438	0.745	0.123	0.211
DIFFWALK	0.521	0.913	0.24	0.38
DIFFDRES	0.419	0.905	0.055	0.103
DIFFALON	0.438	0.859	0.096	0.173
SMOKE100	0.54	0.692	0.445	0.542
ECIGNOW2	0.583	0.621	0.816	0.705
FLUSHOT7	0.579	0.682	0.583	0.628
PNEUVAC4	0.641	0.777	0.578	0.663
SEATBELT	0.6	0.613	0.938	0.742
COVIDPO1	0.517	0.63	0.507	0.562
GENHLTH	0.625	0.731	0.611	0.666
EXERANY2	0.496	0.727	0.28	0.405
TOLDHI3	0.592	0.74	0.512	0.606

Fig 34: all_cardiac_baseline_table

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Individual feature baseline results for ALL_CARDIAC

	accuracy	precision	recall	f1_score
EDUCA	0.493	0.14	0.648	0.23
DEAF	0.837	0.251	0.199	0.222
BLIND	0.858	0.251	0.106	0.149
DECIDE	0.82	0.19	0.164	0.176
DIFFWALK	0.812	0.28	0.385	0.324
DIFFDRES	0.869	0.309	0.097	0.148
DIFFALON	0.853	0.277	0.162	0.204
SMOKE100	0.617	0.162	0.546	0.25
ECIGNOW2	0.154	0.119	0.972	0.212
FLUSHOT7	0.501	0.134	0.6	0.219
PNEUVAC4	0.586	0.173	0.671	0.275
SEATBELT	0.849	0.158	0.067	0.094
COVIDPO1	0.523	0.134	0.564	0.217
GENHLTH	0.554	0.178	0.777	0.289
EXERANY2	0.734	0.185	0.373	0.247
TOLDHI3	0.611	0.179	0.648	0.28

Fig 35: all_pul_baseline_table

Created: 2025-06-21 02:45:45

Individual feature baseline results for ALL_PUL

	accuracy	precision	recall	f1_score
EDUCA	0.506	0.217	0.587	0.317
DEAF	0.762	0.269	0.128	0.173
BLIND	0.786	0.317	0.08	0.128
DECIDE	0.773	0.344	0.178	0.234
DIFFWALK	0.758	0.356	0.293	0.321
DIFFDRES	0.798	0.408	0.077	0.129
DIFFALON	0.789	0.387	0.135	0.2
SMOKE100	0.61	0.252	0.508	0.337
ECIGNOW2	0.705	0.246	0.248	0.247
FLUSHOT7	0.502	0.21	0.561	0.305
PNEUVAC4	0.582	0.255	0.593	0.357
SEATBELT	0.74	0.219	0.128	0.162
COVIDPO1	0.5	0.2	0.52	0.289
GENHLTH	0.559	0.26	0.679	0.376
EXERANY2	0.693	0.264	0.318	0.288
TOLDHI3	0.569	0.222	0.481	0.304

Fig 36: all_chronic2_baseline_table

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Individual feature baseline results for ALL_CHRONIC2

	accuracy	precision	recall	f1_score
EDUCA	0.529	0.508	0.573	0.539
DEAF	0.556	0.694	0.134	0.224
BLIND	0.538	0.684	0.07	0.128
DECIDE	0.542	0.613	0.129	0.213
DIFFWALK	0.6	0.751	0.251	0.377
DIFFDRES	0.539	0.765	0.059	0.109
DIFFALON	0.551	0.729	0.104	0.181
SMOKE100	0.563	0.556	0.455	0.501
ECIGNOW2	0.497	0.486	0.812	0.608
FLUSHOT7	0.565	0.544	0.591	0.566
PNEUVAC4	0.645	0.638	0.604	0.62
SEATBELT	0.521	0.514	0.053	0.097
COVIDPO1	0.518	0.498	0.51	0.504
GENHLTH	0.625	0.603	0.642	0.622
EXERANY2	0.567	0.6	0.295	0.395
TOLDHI3	0.606	0.602	0.531	0.564

Fig 37: mca_inertia

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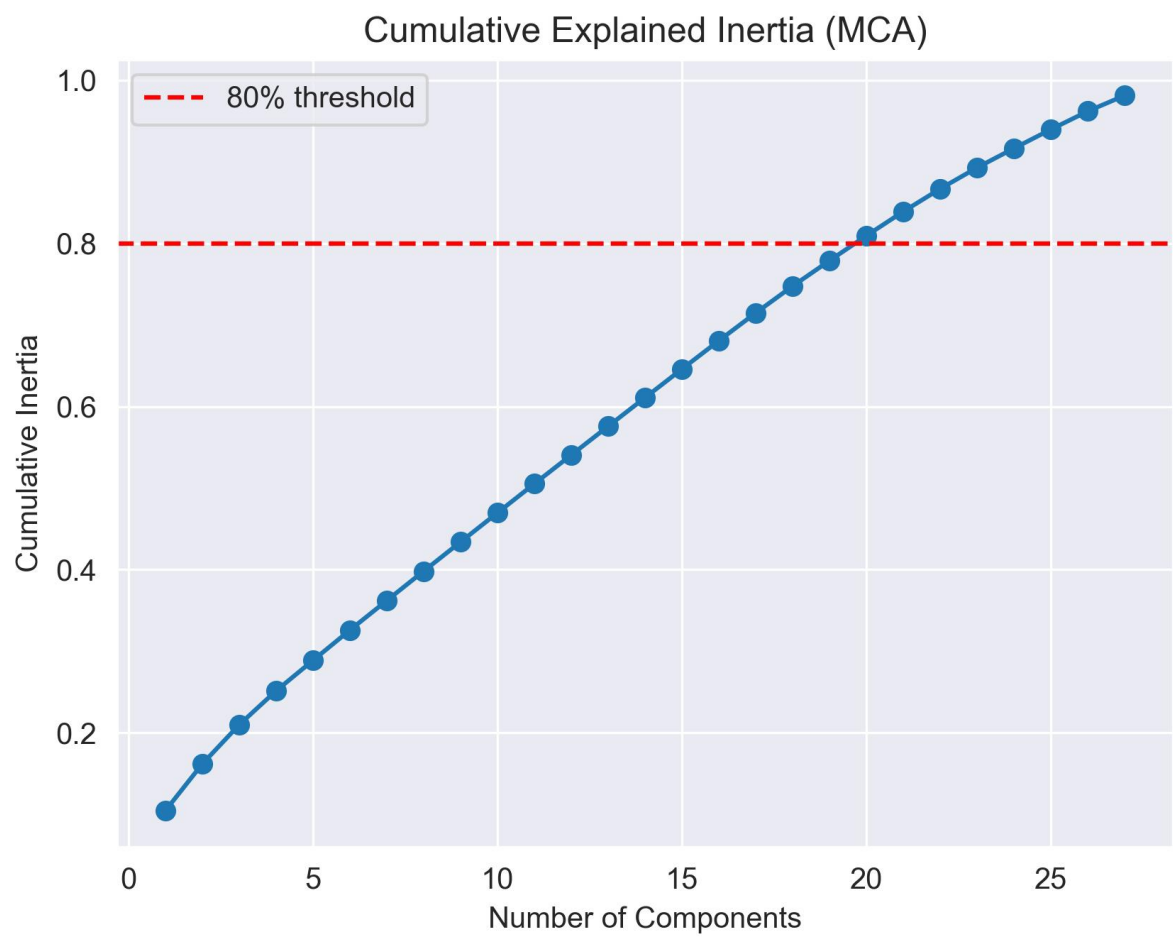


Fig 38: all_chronic_importance

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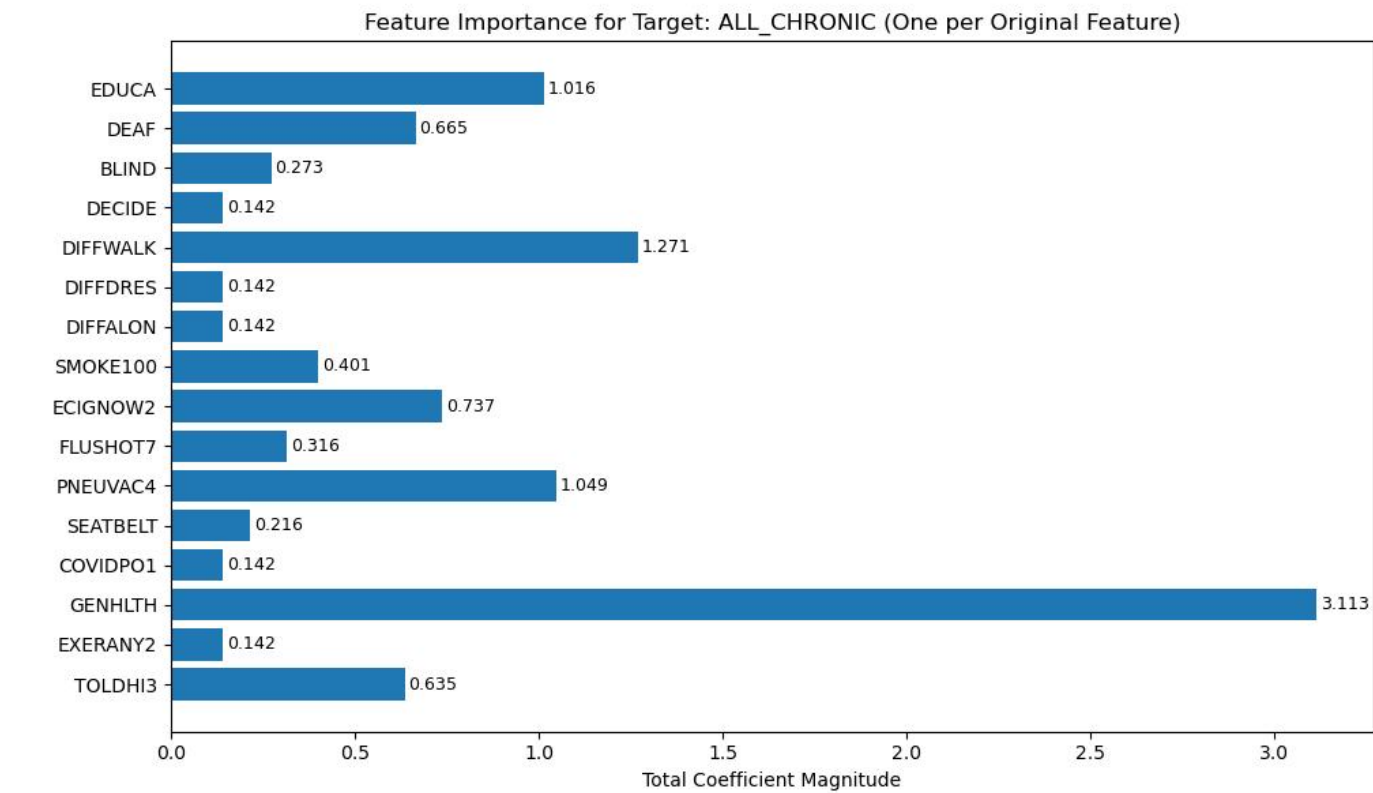


Fig 39: all_cardiac_importance

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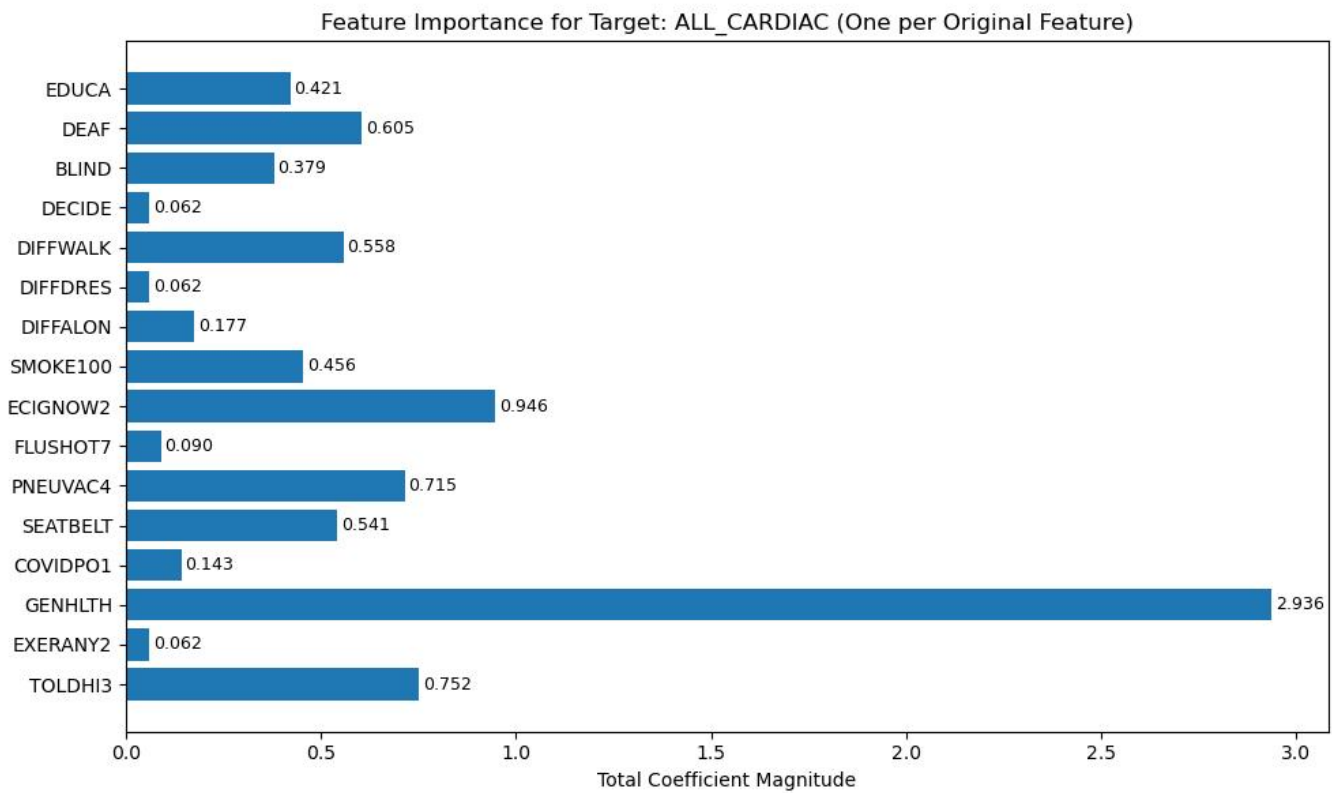


Fig 40: all_pul_importance

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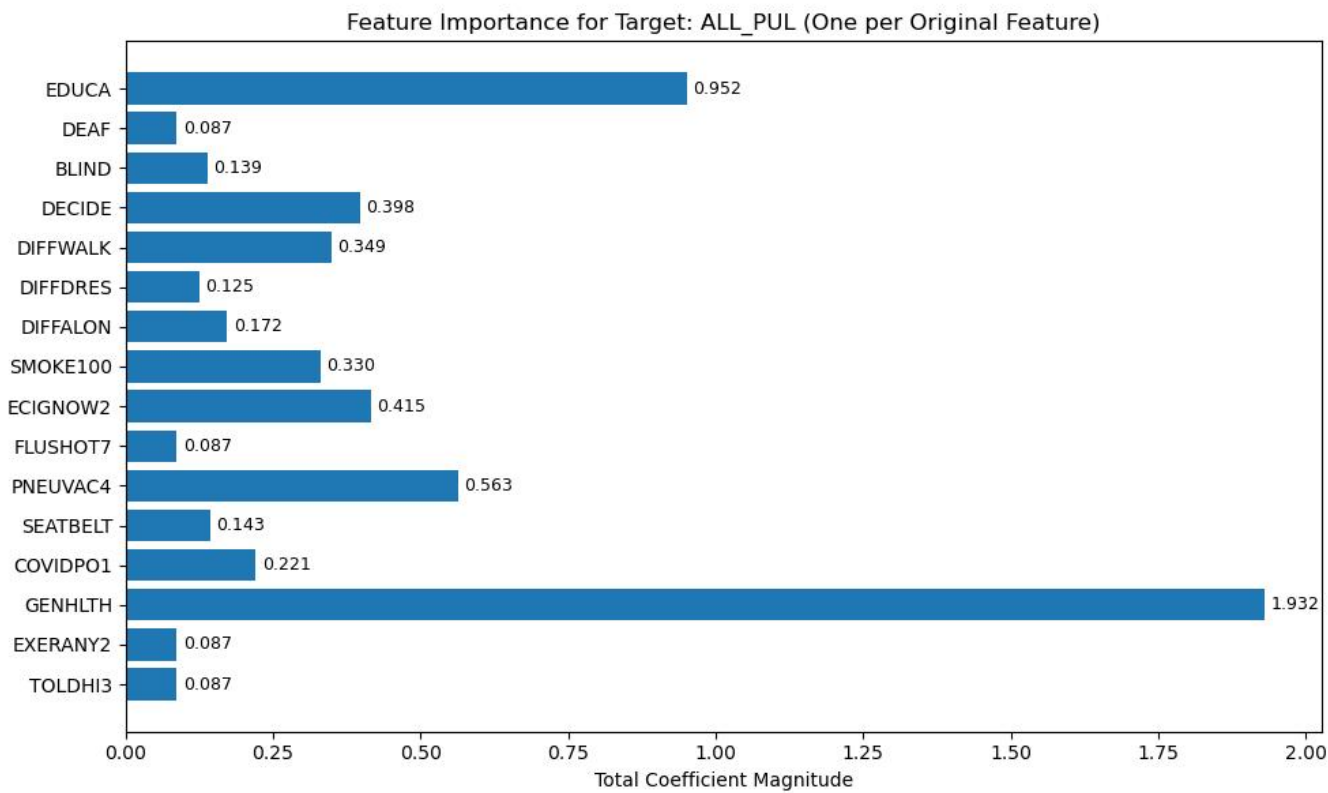


Fig 41: all_chronic2_importance

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