Heatmap: hla\_match\_c\_high vs dri\_score

High -	. 14	1e+03	3.1e+03	600	20
ing cytogenetics -	. 3	2.1e+02	8.7e+02	- 600	,0
Intermediate -	. 27	2e+03	6.6e+03	- 500	)0
ing cytogenetics -	. 1	62	3e+02		
Low -	. 8	3.1e+02	1.2e+03	- 400	)0
ıg disease status -	. 0	1	8	- 300	20
e not classifiable -	. 0	35	2e+02	- 300	10
ignant indication -	. 8	4.2e+02	1.6e+03	- 200	)0
N/A - pediatric -	. 13	9e+02	3.2e+03		
BD cytogenetics -	- 4	4.2e+02	1.3e+03	- 100	)0
Very high -	0	43	1.2e+02		
	0,0	رٰہِ hla_match_c_high	2.0	- 0	

Heatmap: hla\_high\_res\_8 vs dri\_score

			•		_			 	
High -	0	3	6.7e+02	3e+02	2.8e+02	4.1e+02	2.3e+03		
ing cytogenetics -	0	1	1.5e+02	67	49	1.2e+02	6.5e+02	- 40	000
Intermediate -	0	11	1.5e+03	6e+02	5.3e+02	8.1e+02	4.8e+03		
ing cytogenetics -	0	0	37	19	14	34	2.3e+02		
Low -	1	2	2e+02	89	89	1.3e+02	9.2e+02	- 30	000
ıg disease status -	0	0	1	0	0	1	7		
e not classifiable -	0	0	24	9	18	29	1.5e+02	- 20	000
ignant indication -	0	3	2.7e+02	1.2e+02	1.3e+02	2.2e+02	1.2e+03		
N/A - pediatric -	0	5	6.4e+02	2.9e+02	2.8e+02	4.3e+02	2.3e+03	- 10	000
BD cytogenetics -	1	2	3e+02	1.4e+02	1.2e+02	1.7e+02	9.4e+02		
Very high -	0	1	31	11	16	20	81	2	
	2.0	3.0	<b>⊳</b> ,0	တွ <sup>်</sup> nla_high_res_	8	10	8.0	- 0	

Heatmap: hla\_low\_res\_6 vs dri\_score

High -	1	8.3e+02	3.5e+02	4.4e+02	2.6e+03	
ing cytogenetics -	- 1	1.7e+02	85	1.2e+02	7.7e+02	- 5000
Intermediate -	. 7	1.9e+03	6.9e+02	9.6e+02	5.6e+03	
ing cytogenetics -	1	46	27	33	2.8e+02	- 4000
Low -	3	2.6e+02	1.2e+02	1.6e+02	1.1e+03	
ıg disease status -	0	1	0	0	8	- 3000
e not classifiable -	0	29	15	25	1.8e+02	
ignant indication -	3	3.6e+02	1.7e+02	2.8e+02	1.4e+03	- 2000
N/A - pediatric -	3	8.4e+02	3.6e+02	5.6e+02	2.6e+03	
BD cytogenetics -	2	3.7e+02	2e+02	2e+02	1.1e+03	- 1000
Very high -	0	47	18	17	93	
	2.0	3.0	ر hla_low_res_6	5.0	60	- 0

Heatmap: hla\_high\_res\_6 vs dri\_score

					_		
High -	0	4	7.8e+02	4e+02	4.6e+02	2.3e+03	
ing cytogenetics -	0	2	1.8e+02	79	1.3e+02	6.8e+02	
Intermediate -	0	21	1.8e+03	7.3e+02	9.3e+02	4.9e+03	- 4000
ing cytogenetics -	0	0	46	26	38	2.4e+02	
Low -	0	4	2.4e+02	1.3e+02	1.5e+02	9.6e+02	- 3000
ıg disease status -	0	0	1	0	1	7	
e not classifiable -	0	0	29	19	29	1.6e+02	- 2000
ignant indication -	0	5	3.1e+02	1.8e+02	2.5e+02	1.3e+03	
N/A - pediatric -	0	4	7.9e+02	3.7e+02	4.9e+02	2.4e+03	- 1000
BD cytogenetics -	1	1	3.7e+02	1.7e+02	2e+02	9.6e+02	
Very high -	0	1	40	17	25	86	0
	0.0	√, ,	၇ hla_hig	\ h_res_6	8.0	60	- 0

Heatmap: hla\_high\_res\_10 vs dri\_score

High -	0	4	5.4e+02	2.4e+02	2e+02	2.4e+02	3.9e+02	2e+03		- 4000
ing cytogenetics -	0	0	1.2e+02	45	48	45	1.2e+02	5.7e+02		
Intermediate -	0	13	1.2e+03	5.1e+02	4e+02	4.4e+02	8.1e+02	4.4e+03		- 3500
ing cytogenetics -	0	0	31	8	11	15	32	1.9e+02	-	- 3000
Low -	1	1	1.7e+02	62	62	85	1.2e+02	7.9e+02		- 2500
ıg disease status -	0	0	0	1	0	0	1	6		- 2000
e not classifiable -	0	0	18	11	9	15	26	1.4e+02		2000
ignant indication –	0	2	2.2e+02	96	1e+02	1.2e+02	2.3e+02	1.1e+03	-	- 1500
N/A - pediatric -	0	4	5.2e+02	2.5e+02	2.2e+02	2.3e+02	4.3e+02	2.1e+03	-	- 1000
BD cytogenetics -	0	0	2.5e+02	1.1e+02	99	97	1.6e+02	8.6e+02	-	- 500
Very high -	0	1	24	9	8	18	21	72		
	3.	<b>*</b> 0	8.	% hla_high	ر <sup>'</sup> n_res_10	°.	9.	2º0		- 0

Heatmap: hla\_match\_dqb1\_high vs dri\_score

		····a		
High -	10	9.9e+02	2.9e+03	- 6000
ing cytogenetics -	3	2.3e+02	8.2e+02	
Intermediate -	24	2.3e+03	6.2e+03	- 5000
ing cytogenetics -	0	68	2.6e+02	- 4000
Low -	6	3.5e+02	1.1e+03	
g disease status -	0	0	8	- 3000
e not classifiable -	2	34	1.9e+02	
ignant indication -	6	4.7e+02	1.6e+03	- 2000
N/A - pediatric -	18	1e+03	3e+03	
BD cytogenetics -	7	4.8e+02	1.2e+03	- 1000
Very high -	1	43	1.3e+02	
	0,0	\frac{\sqrt{0}}{\sqrt{0}} hla_match_dqb1_high	2.0	- 0

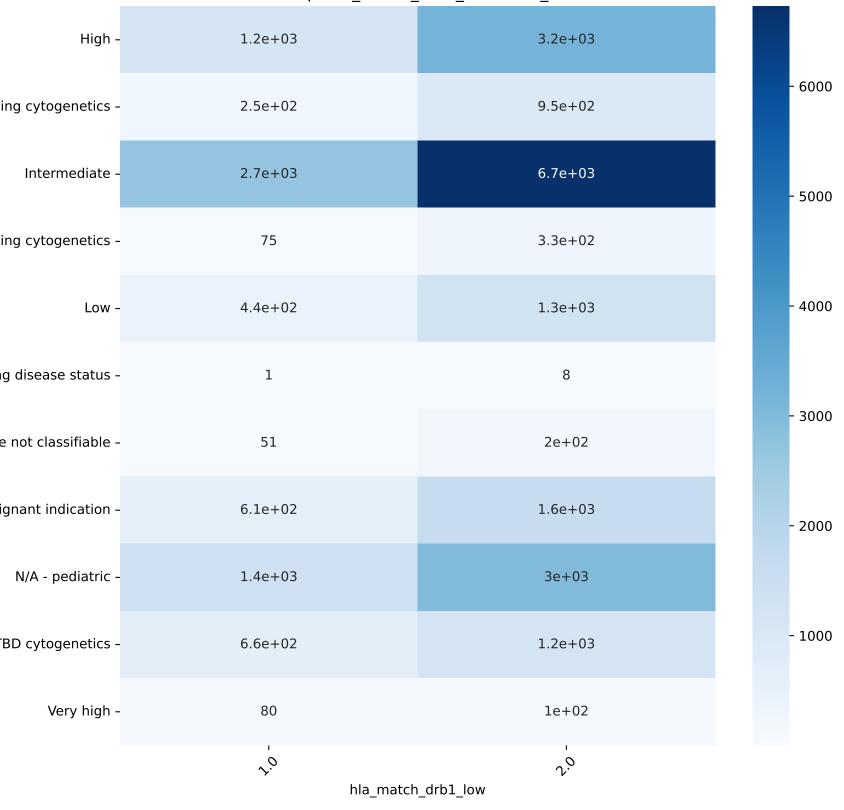
Heatmap: hla\_nmdp\_6 vs dri\_score

High -	4	8.5e+02	2.1e+02	5.4e+02	2.5e+03	- 5000
ing cytogenetics -	0	1.8e+02	46	1.5e+02	7.4e+02	
Intermediate -	7	1.8e+03	5.3e+02	1.1e+03	5.3e+03	- 4000
ing cytogenetics -	2	43	26	41	2.7e+02	
Low -	5	2.6e+02	80	1.8e+02	1.1e+03	- 3000
ıg disease status -	0	0	1	0	8	
e not classifiable -	0	32	8	33	1.7e+02	- 2000
ignant indication -	6	3.5e+02	86	3.1e+02	1.4e+03	
N/A - pediatric -	9	8.5e+02	1.9e+02	6.1e+02	2.5e+03	- 1000
BD cytogenetics -	2	4.2e+02	94	2.3e+02	1e+03	1000
Very high -	0	40	12	24	95	
	2.0	3 <sup>0</sup>	hla_nmdp_6	5°.	6.0	- 0

Heatmap: hla\_match\_c\_low vs dri\_score

High -	12	1.2e+03	3.2e+03	
ing cytogenetics -	7	2.3e+02	9.3e+02	- 6000
Intermediate -	29	2.3e+03	7e+03	
ing cytogenetics -	0	73	3.3e+02	- 5000
Low -	3	3.6e+02	1.3e+03	- 4000
ıg disease status -	0	1	8	
e not classifiable -	1	37	2.1e+02	- 3000
ignant indication -	7	4.2e+02	1.8e+03	- 2000
N/A - pediatric -	12	9.9e+02	3.4e+03	
BD cytogenetics -	7	4.7e+02	1.4e+03	- 1000
Very high -	0	51	1.3e+02	0
	0.0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2.0	- 0

Heatmap: hla\_match\_drb1\_low vs dri\_score



Heatmap: hla\_match\_dqb1\_low vs dri\_score

	·			
High -	. 13	8.7e+02	3.2e+03	
ing cytogenetics -	. 3	1.8e+02	9.1e+02	- 6000
Intermediate -	. 32	2.1e+03	6.7e+03	- 5000
ing cytogenetics -	3	66	2.8e+02	
Low -	- 6	3.2e+02	1.2e+03	- 4000
ıg disease status -	0	0	9	
e not classifiable -	0	24	2.1e+02	- 3000
ignant indication -	. 9	4e+02	1.7e+03	- 2000
N/A - pediatric -	. 17	9.1e+02	3.3e+03	
BD cytogenetics -	. 5	4.3e+02	1.4e+03	- 1000
Very high -	0	44	1.3e+02	- 0
	0,0	ہٰہٰ hla_match_dqb1_low	2.0	- 0

Heatmap: year\_hct vs dri\_score

High 4	.3e+02	<b>1</b> e+02	61	1.3e+03	24e+02	229e+012	24e+04	₽7e+0	<b>2</b> 5e+0	<b>2</b> 2e+0	<b>92</b> .9e+02	85	1		- 2500
ing cytogenetics <del>1</del>	3e+02	2 26	32	35	78	1e+02	71	92 2	2.4e+02	21e+0	132.5e+02	41	0		
Intermediate -	9e+0 <b>2</b>	.8e+012	26e+0	122.5e+06	24e+0	<b>⊘</b> e+02	4e+0 <b>2</b>	3.1e+0	26e+0	39e+0	1237e+01	.3e+02	0		- 2000
ing cytogenetics -	81	16	5	11	27	33	16	37	80	57	1.1e+02	2 8	1		
Low -	3e+02	73	28	43	93 1	1.4e+02	2 77 1	L.4e+0	28e+02	2.9e+0	Æ1e+02	26	0		- 1500
ıg disease status -	1	0	0	0	0	0	1	0	3	2	1	1	0		
e not classifiable -	29	2	2	4	10	18	9	11	66	38	76	7	0		- 1000
ignant indication <del>1</del>	7e+02	2 42	29	32 1	2e+0	27e+02	2 96 1	L.6e+0	<b>⊅</b> e+02	3.6e+0	<b>%</b> 4e+02	<b>l</b> e+02	0		1000
N/A - pediatric 3	3.6e+02	2 49	47	56 1	8e+0	<b>2</b> 8e+02	2e+02	3.4e+@	<b>2</b> 2e+07	<b>2</b> 5e+0	)24e+0 <b>1</b>	.8e+02	2		
BD cytogenetics 1	2e+02	2 12	16	35	83	1e+02	76 1	L.6e+0	24e+02	3.4e+0	122.9e+02	2 73	0		- 500
Very high -	10	1	0	3	6	8	12	17	31	40	65	5	0		
	208	2009	2020	2017	2012	20 <sup>13</sup>	၇ <sup>၇)</sup> ear_ho	2015 et	2016	2027	2018	2029	2020		- 0

Heatmap: hla\_match\_a\_high vs dri\_score

			<del>_</del>	
High -	5	1.2e+03	2.9e+03	
ing cytogenetics -	5	3.1e+02	8e+02	- 5000
Intermediate -	21	2.7e+03	6e+03	
ing cytogenetics -	0	79	3e+02	- 4000
Low -	5	3.8e+02	1.2e+03	
ıg disease status -	0	1	8	- 3000
e not classifiable -	0	55	1.8e+02	
ignant indication -	7	5.2e+02	1.6e+03	- 2000
N/A - pediatric -	12	1.2e+03	2.9e+03	
BD cytogenetics -	7	5.4e+02	1.2e+03	- 1000
Very high -	0	57	1.2e+02	0
	0.0	ہٰہِ hla_match_a_high	√°.	- 0

## Heatmap: donor\_age vs dri\_score

High <b>-125BB</b> -\$ <b></b>	- 300
ing cytogenetics -05912363636363633292833025228228282828682286619252329292936322281594523120000000	
Intermediate 2B.43 22-122203448223428848234444415713188848232832623156-699922238274420210	- 250
ing cytogenetics -014151 <b>7</b> 291 <b>0632</b> 241191 <b>33</b> 161 <b>0</b> 36105108961 <b>104</b> 086875119677615888374305110000000000	
Low -522962666666259339529369289635292258283826365935328699402640110000000	- 200
g disease status -00000020000011000010000000000010000011000000	- 150
e not classifiable -023077971 <i>2</i> 913963743413294353254352310322154432648752320311021000001000	
ignant indication -21 <b>25075.63982516640702120822303230332023292573960002095</b> 751123300111000	- 100
N/A - pediatric -@1912 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
BD cytogenetics -@ <b>008476638556946329228193002600166918369289895251533</b> 2515432111030000	- 50
Very high -32253613914763361211243312434232103321223123535221303021000000000000	
\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	- 0

Heatmap: hla\_match\_b\_low vs dri\_score

High -	7	1.3e+03	3e+03	
ing cytogenetics -	4	2.7e+02	9.3e+02	- 6000
Intermediate -	19	2.7e+03	6.7e+03	- 5000
ing cytogenetics -	2	85	3.3e+02	
Low -	3	4e+02	1.3e+03	- 4000
ıg disease status -	0	1	8	
e not classifiable -	1	44	2.1e+02	- 3000
ignant indication -	10	5.4e+02	1.7e+03	- 2000
N/A - pediatric -	13	1.2e+03	3.2e+03	
BD cytogenetics -	3	5.4e+02	1.3e+03	- 1000
Very high -	0	56	1.3e+02	
	0.0	ر hla_match_b_low	2.0	- 0

## Heatmap: age\_at\_hct vs dri\_score

High 3 <b>2324931132343039</b> 20 <b>22</b> 92161333435599 <b>9395e9933559833331839993489</b> 693999992	
ing cytogenetics 21144761835165127936984231545591218028028333402191048839864388882823366682224003101	- 400
Intermedia1e2e5454535685883829186363332354A18C 201/25242446 1119 265822426541256333467e952353	
ing cytogenetics 149643311134364872522002224217991020682381608622378471508134496835588812071120000	
Low 5 <b>90211211815803880810116</b> 4664 <b>.202824562654462928188696585722202963521</b> 6932100	- 300
ıg disease status -1000000001000100000000000000000000000	
e not classifiable 25/542727367754455140111110001052271055263433225251155443501402635143526310000	- 200
ignant indicati@n2e <b>7970452494653894223</b> 28 <b>08212</b> 989 <b>.1932029350070185922340994287282329888931</b> 641000	
N/A - pediatrid 18 4 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 100
BD cytogeneti <b>2s2e<del>86699</del>39239652933523198</b> 612514610249022 <b>8</b> 001903/92026822033330300153903324178830000	
Very high 17956542215346166765381140320120211125441710122001223041330112001222221100000	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0

Heatmap: hla\_match\_a\_low vs dri\_score

High -	6	1.3e+03	3.1e+03	- 6000
ing cytogenetics -	1	3.2e+02	8.8e+02	
Intermediate -	24	3e+03	6.5e+03	- 5000
ing cytogenetics -	2	78	3.3e+02	
Low -	2	4e+02	1.3e+03	- 4000
ıg disease status -	0	1	8	- 3000
e not classifiable -	1	50	2e+02	3000
ignant indication -	5	5.6e+02	1.7e+03	- 2000
N/A - pediatric -	7	1.3e+03	3.2e+03	
BD cytogenetics -	1	5.5e+02	1.3e+03	- 1000
Very high -	0	61	1.2e+02	
	0.0	رٰ hla_match_a_low	2.0	- 0

Heatmap: hla\_match\_b\_high vs dri\_score

High -	13	1.4e+03	2.8e+03	- 6000
ing cytogenetics -	5	2.7e+02	8.4e+02	- 5000
Intermediate -	29	2.7e+03	6.1e+03	
ing cytogenetics -	2	76	2.9e+02	- 4000
Low -	5	4e+02	1.2e+03	
ıg disease status -	0	1	8	- 3000
e not classifiable -	1	51	1.9e+02	
ignant indication -	7	5.2e+02	1.6e+03	- 2000
N/A - pediatric -	7	1.2e+03	3e+03	
BD cytogenetics -	5	5.5e+02	1.2e+03	- 1000
Very high -	1	64	1.1e+02	0
	0,0	رٰ hla_match_b_high	2.0	- 0

Heatmap: comorbidity\_score vs dri\_score

Hiah -	1.4e+0 <sup>-</sup>	8.1e+02	1e+034		2.6e+022		L.8e+0 <i>7</i> 1	_ .5e+02	82	50	19	- 35	00
ingii	1110100	2110102	20,00		1.00102	.20102			02	30	13		
ing cytogenetics -	4.5e+02	2.4e+02	3.4e+02	1.1e+02	66	78	44	30	17	10	4	- 30	00
Intermediate -	3.5e+03	1.9e+03	2.2e+03	9.9e+0 <b>2</b>	5.4e+024	.9e+022	2.6e+021	6e+02	91	57	32		
ing cytogenetics -	2.1e+02	2 86	1e+02	35	20	11	7	4	1	2	0	- 25	00
Low -	8.7e+02	3.5e+02	3.1e+02	1.4e+02	68	59	41	20	24	8	3	- 20	00
g disease status -	- 2	1	1	1	2	0	2	0	0	0	0		
e not classifiable -	-1e+02	30	68	21	13	13	9	4	3	2	1	- 15	00
ignant indication -	1e+03	3.4e+02⁄	4.9e+02	2.2e+02	1e+02	93	55	33	20	17	5	- 10	00
N/A - pediatric -	2e+03	7.5e+02	9.4e+02	3.4e+02⁄	2.2e+021	.6e+02	81	70	45	30	8		
BD cytogenetics -	9.4e+02	23e+023	3.4e+02	1.3e+02	96	76	34	22	9	12	2	- 50	0
Very high -	·1e+02	35	26	15	7	9	2	2	1	0	0		
	0.0	<b>&gt;</b> .0	√. 0	3.	Þ. 0	\$.0	60	10	8°.	000	20.0	- 0	
					comor	bidity_s	score						

Heatmap: karnofsky\_score vs dri\_score

			•	<i>,</i> _	_			
High –	2	9	2.9e+02	1.3e+03	3.2e+02	2.4e+03	2.7e+02	
ing cytogenetics -	0	9	73	3.9e+02	1.2e+02	7.1e+02	75	- 5000
Intermediate -	4	36	5.3e+02	2.7e+03	6.8e+02	5.7e+03	5.1e+02	
ing cytogenetics -	0	4	17	1e+02	30	2.5e+02	58	- 4000
Low -	1	10	76	3.9e+02	1.5e+02	1.1e+03	1.5e+02	
g disease status -	0	0	0	3	0	4	2	- 3000
e not classifiable -	1	1	4	52	33	1.3e+02	39	
ignant indication –	1	6	81	4.6e+02	2.1e+02	1.2e+03	3.4e+02	- 2000
N/A - pediatric -	1	12	1.6e+02	8.6e+02	3.4e+02	2.5e+03	6.8e+02	
BD cytogenetics -	0	4	55	3.3e+02	1.1e+02	1.1e+03	3e+02	- 1000
Very high -	0	0	5	28	14	1.2e+02	24	
	<sup>80</sup> 0	\$0.0	60,0	10.0	80.0	90,0	2000	- 0
			k	arnofsky_sco	re			

Heatmap: hla\_low\_res\_8 vs dri\_score

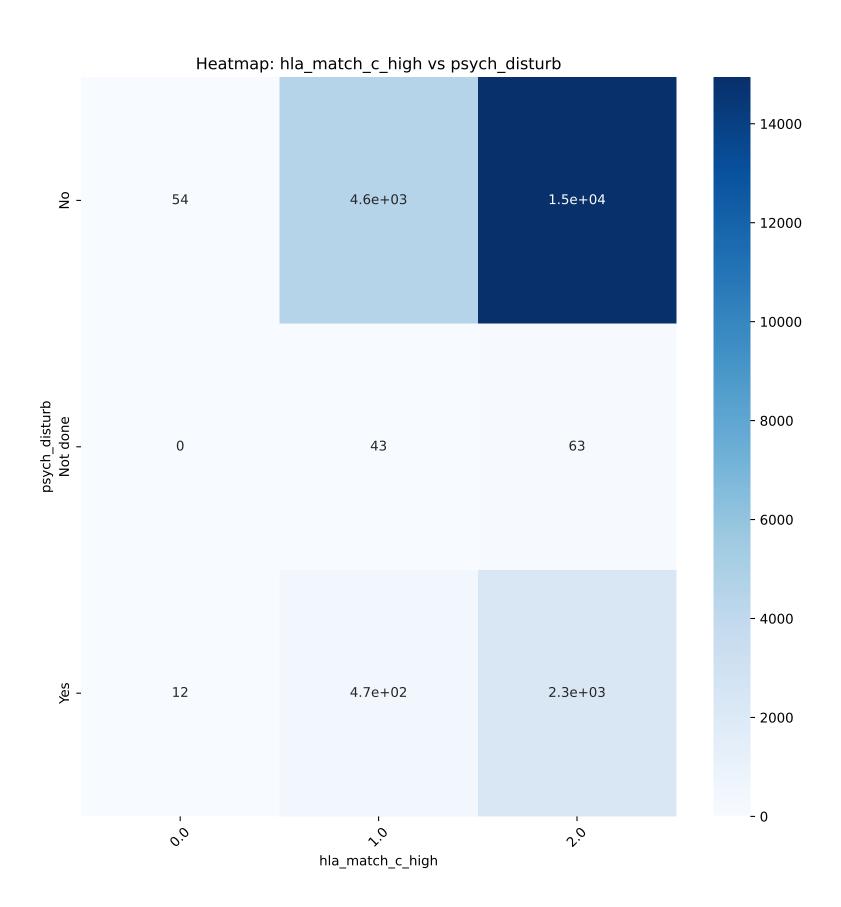
_								_		
High -	0	4	7.4e+02	2.9e+02	2.5e+02	4.1e+02	2.5e+03		- 500	0
ing cytogenetics -	0	0	1.5e+02	63	58	1.1e+02	7.4e+02			
Intermediate -	1	11	1.7e+03	5.3e+02	5.1e+02	8.8e+02	5.4e+03		- 400	0
ing cytogenetics -	0	1	42	17	14	33	2.7e+02			
Low -	0	2	2.4e+02	89	88	1.5e+02	1.1e+03		- 300	0
ıg disease status -	0	0	1	0	0	0	8			
e not classifiable -	0	0	21	16	12	24	1.7e+02		- 200	n
ignant indication -	0	1	3e+02	1.3e+02	1.3e+02	2.6e+02	1.3e+03		200	J
N/A - pediatric -	0	2	6.9e+02	3.1e+02	2.7e+02	5.3e+02	2.5e+03		- 100	0
BD cytogenetics -	0	1	3.2e+02	1.4e+02	1.3e+02	1.8e+02	1e+03		- 100	U
Very high -	0	0	38	14	14	17	91			
	20	3.0	, , ,	ာla_low_res_8	6.0 B	10	&.O		- 0	

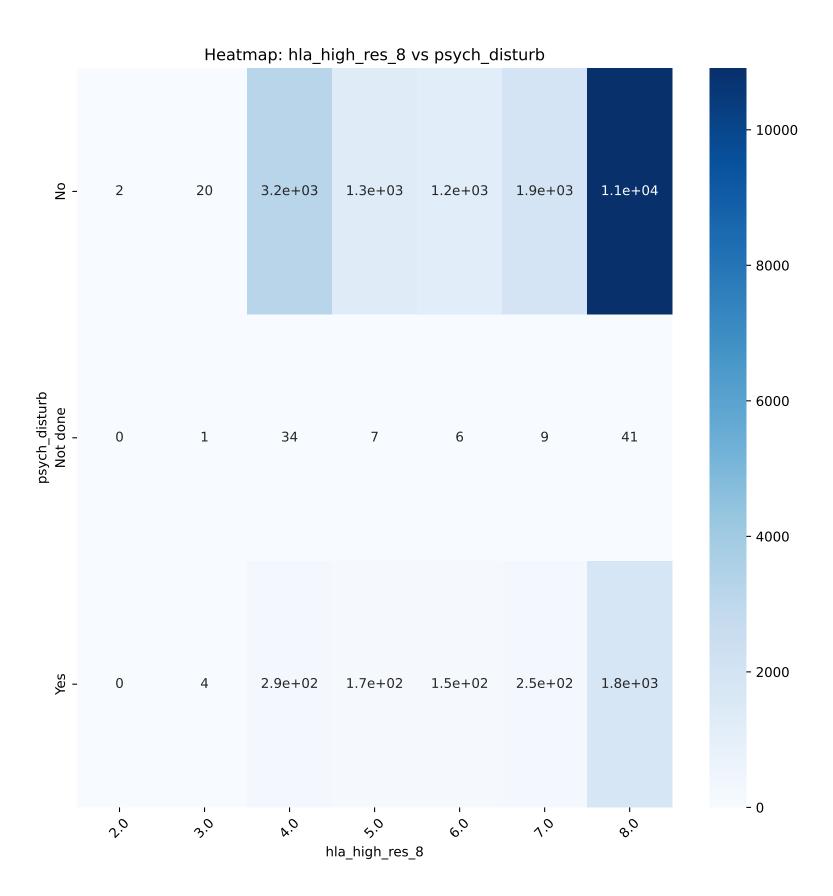
Heatmap: hla\_match\_drb1\_high vs dri\_score

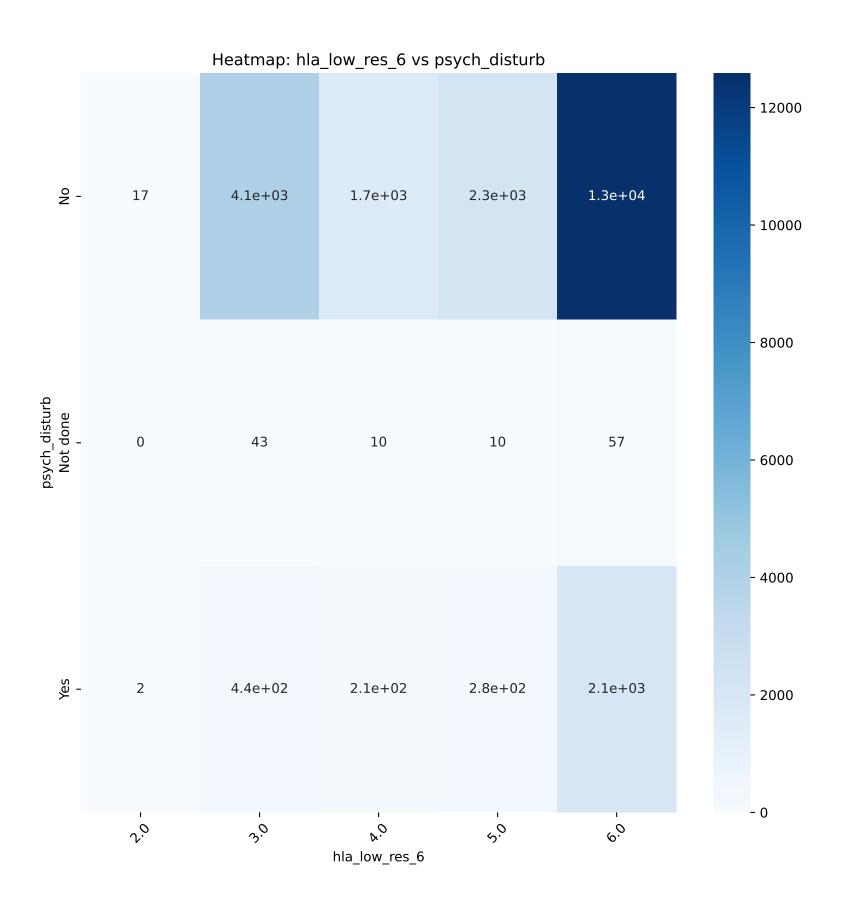
High -	11	1.2e+03	3.1e+03	- 6000
ing cytogenetics -	3	2.5e+02	9.1e+02	
Intermediate -	28	2.7e+03	6.4e+03	- 5000
ing cytogenetics -	0	87	3e+02	
Low -	3	4.3e+02	1.2e+03	- 4000
ıg disease status -	0	2	7	- 3000
e not classifiable -	0	52	2e+02	
ignant indication -	7	5.8e+02	1.6e+03	- 2000
N/A - pediatric -	12	1.3e+03	3e+03	
BD cytogenetics -	6	6.4e+02	1.2e+03	- 1000
Very high -	1	69	1.1e+02	
	0.0	رٰہ hla_match_drb1_high	2.0	- 0

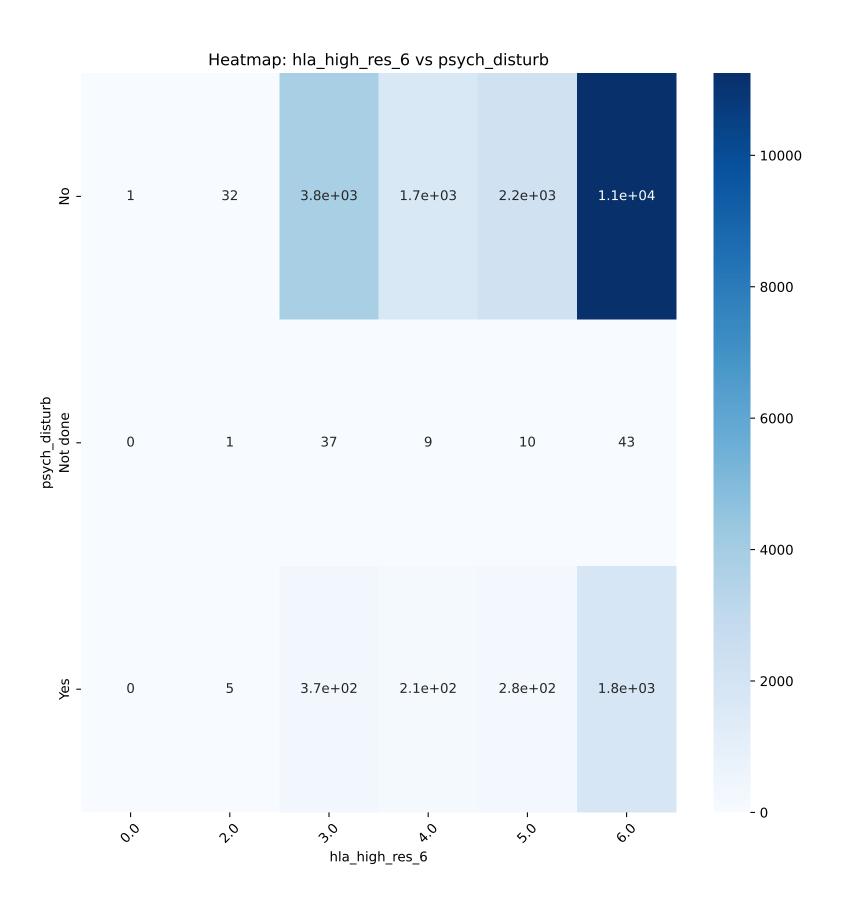
Heatmap: hla\_low\_res\_10 vs dri\_score

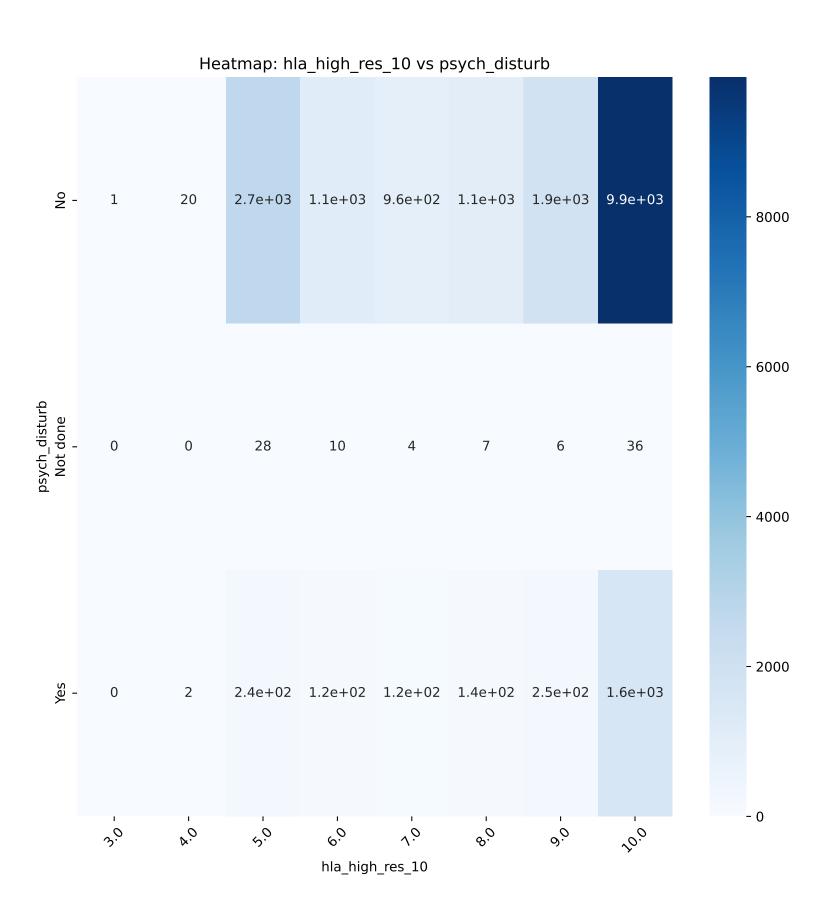
			•		<del>-</del>			
High -	2	5.5e+02	2.7e+02	2.1e+02	2.4e+02	3.9e+02	2.3e+03	
ing cytogenetics -	0	97	76	45	57	1.2e+02	6.4e+02	4000
Intermediate -	13	1.3e+03	5.8e+02	3.9e+02	4.8e+02	8.4e+02	4.9e+03	- 4000
ing cytogenetics -	0	34	15	13	13	38	2.2e+02	
Low -	2	1.8e+02	88	63	80	1.4e+02	9.3e+02	- 3000
g disease status -	0	0	1	0	0	0	8	
e not classifiable -	0	12	13	11	13	22	1.6e+02	- 2000
ignant indication –	2	2.2e+02	1.2e+02	1.1e+02	1.1e+02	2.6e+02	1.2e+03	
N/A - pediatric -	5	5.1e+02	3.2e+02	2.2e+02	2.5e+02	5.2e+02	2.3e+03	- 1000
BD cytogenetics -	1	2.4e+02	1.5e+02	91	1.2e+02	1.9e+02	9.3e+02	
Very high -	0	25	19	11	13	14	86	- 0
	<b>b</b> .0	\$0	60	10	8.0	90	20,0	- 0
			h	la_low_res_1	0			

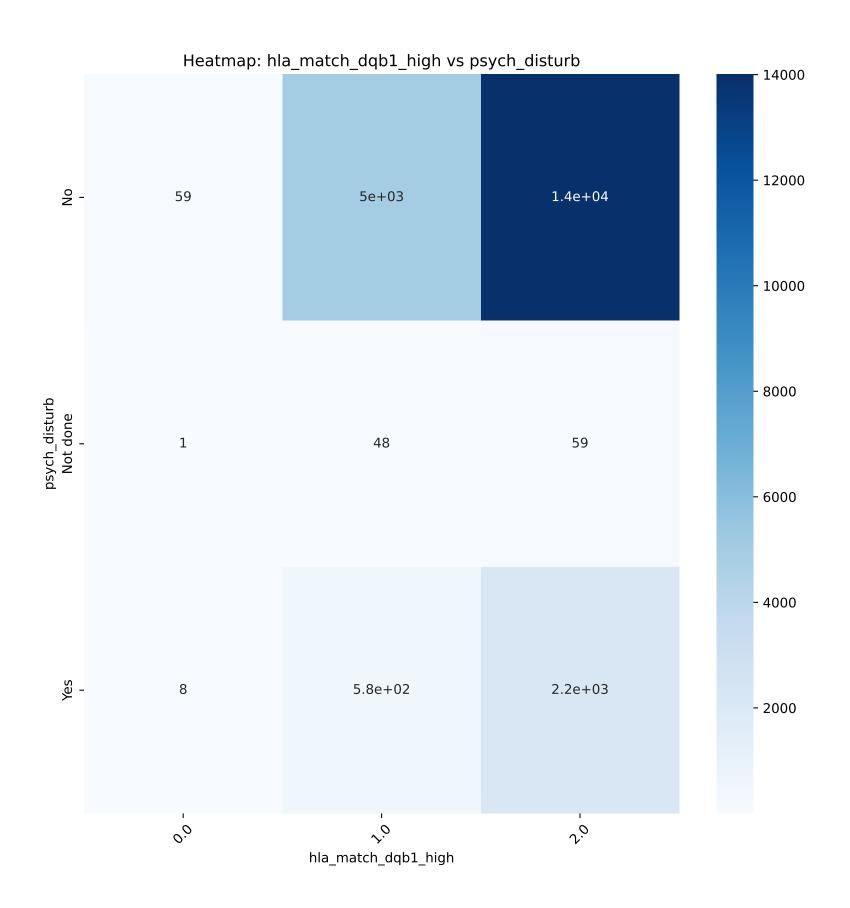


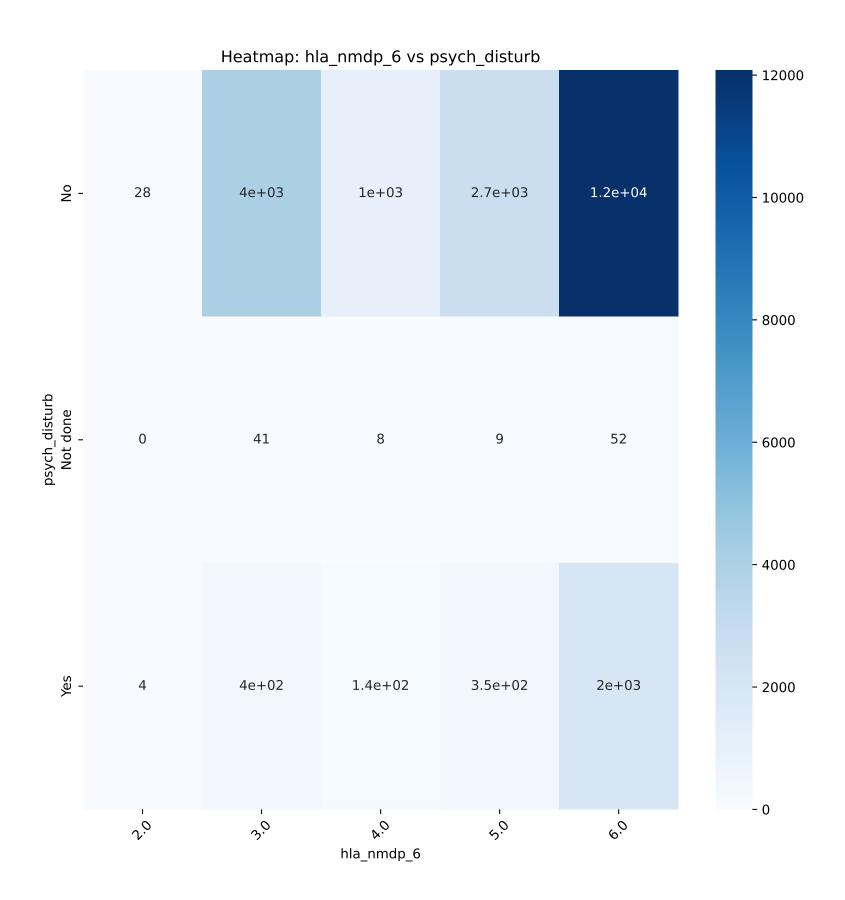


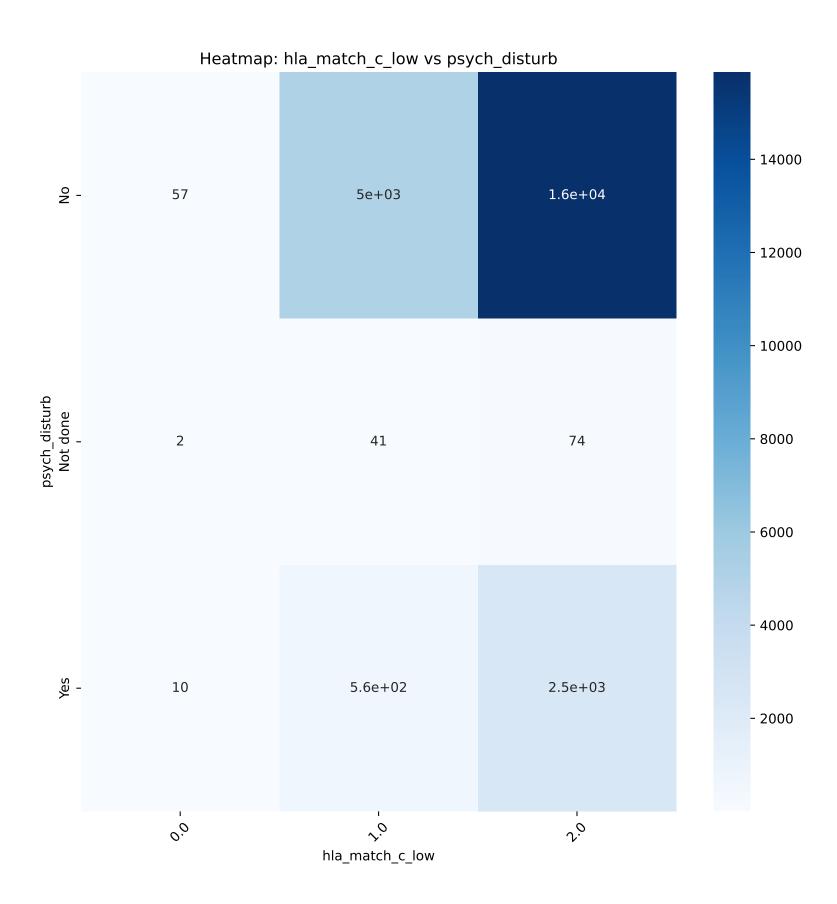


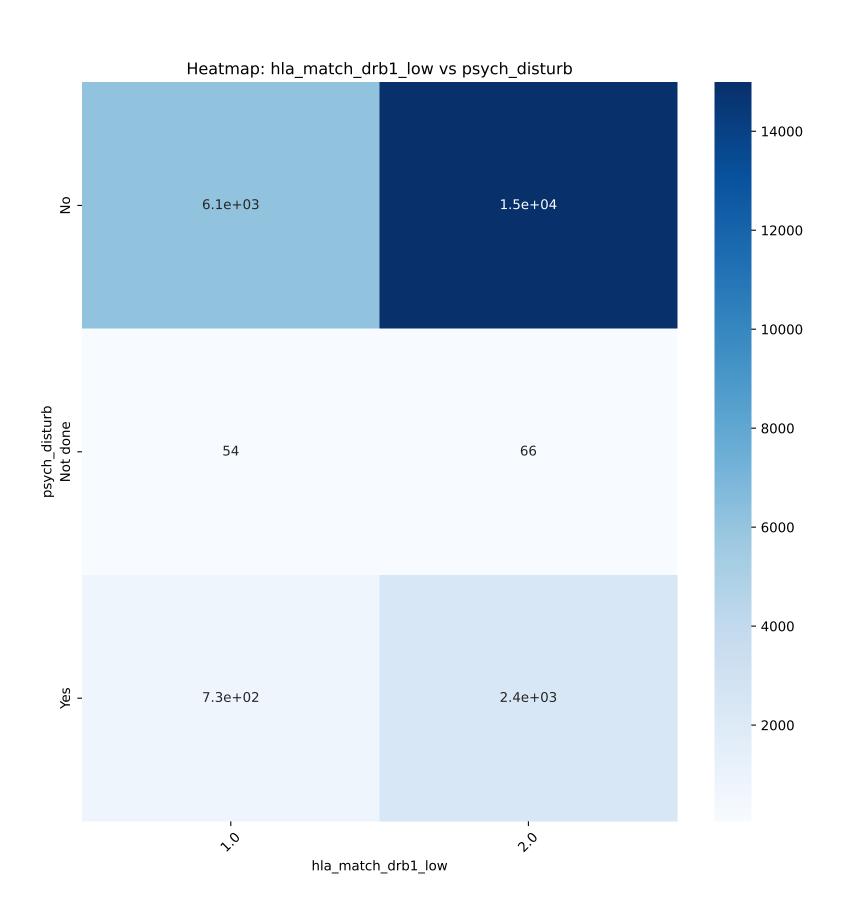


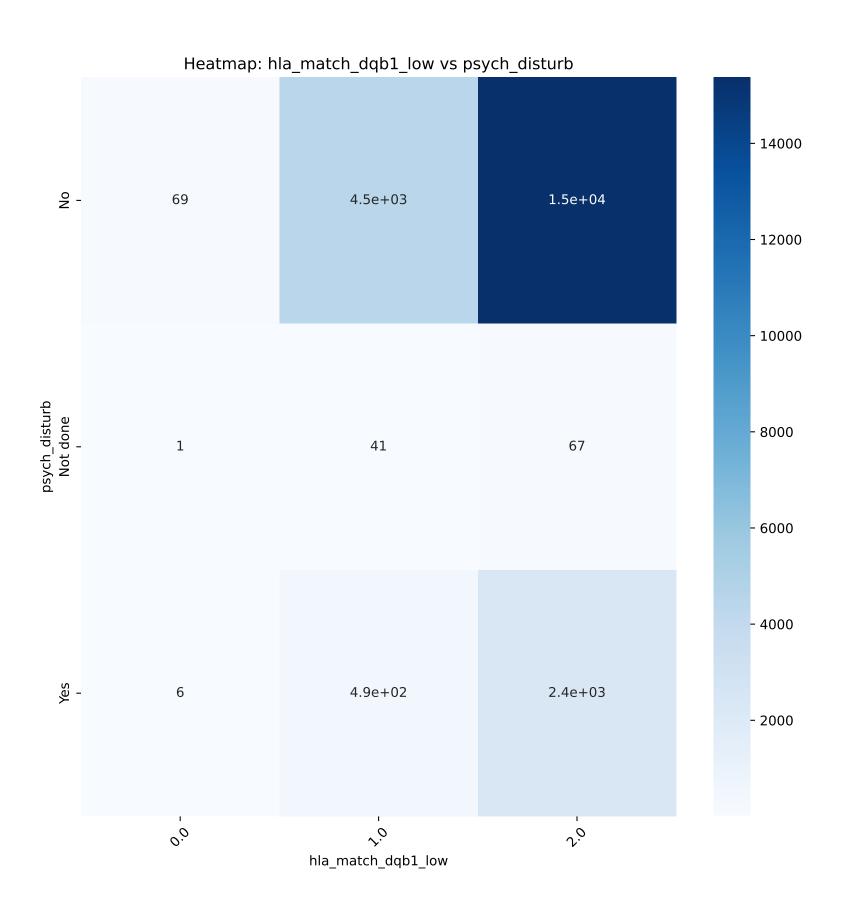


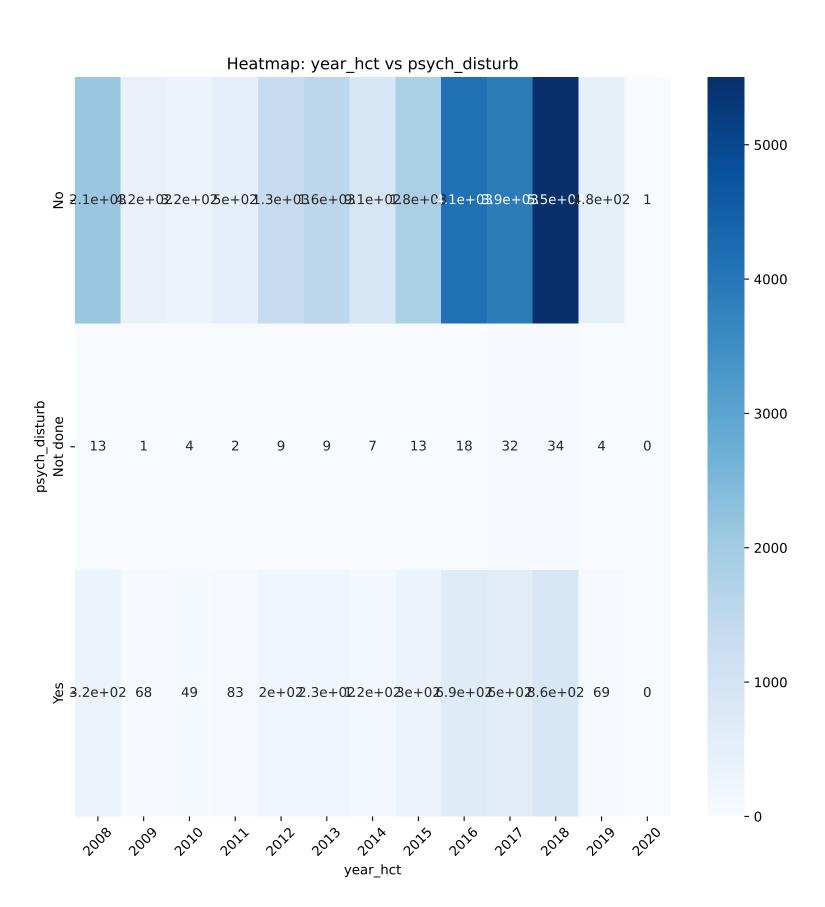


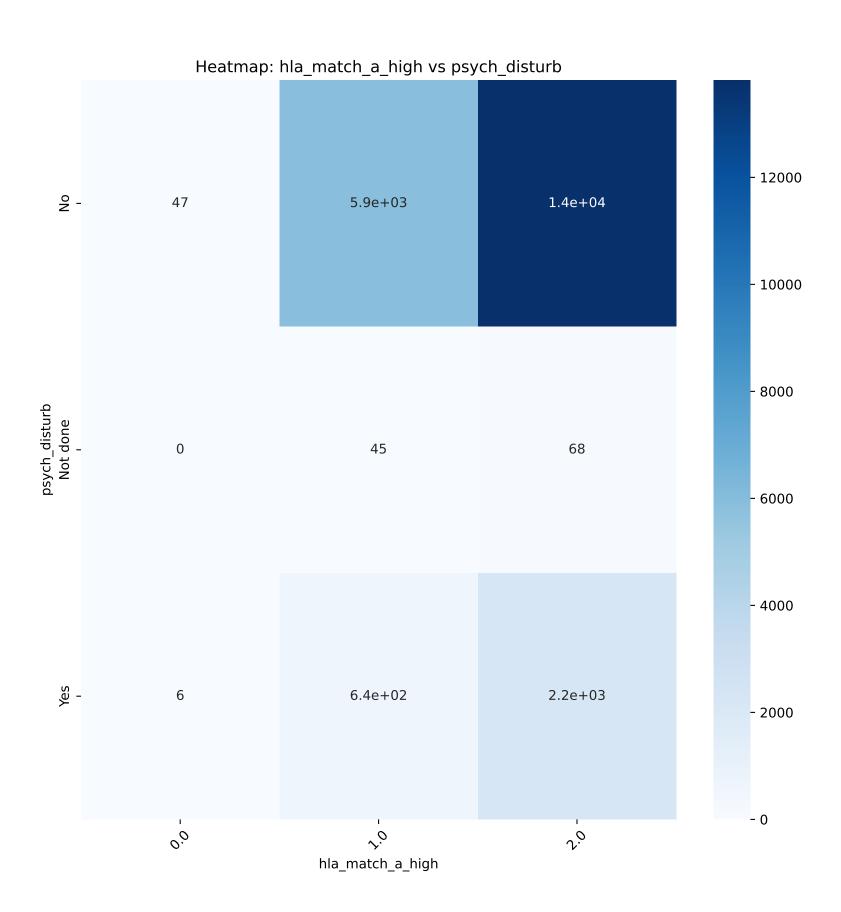




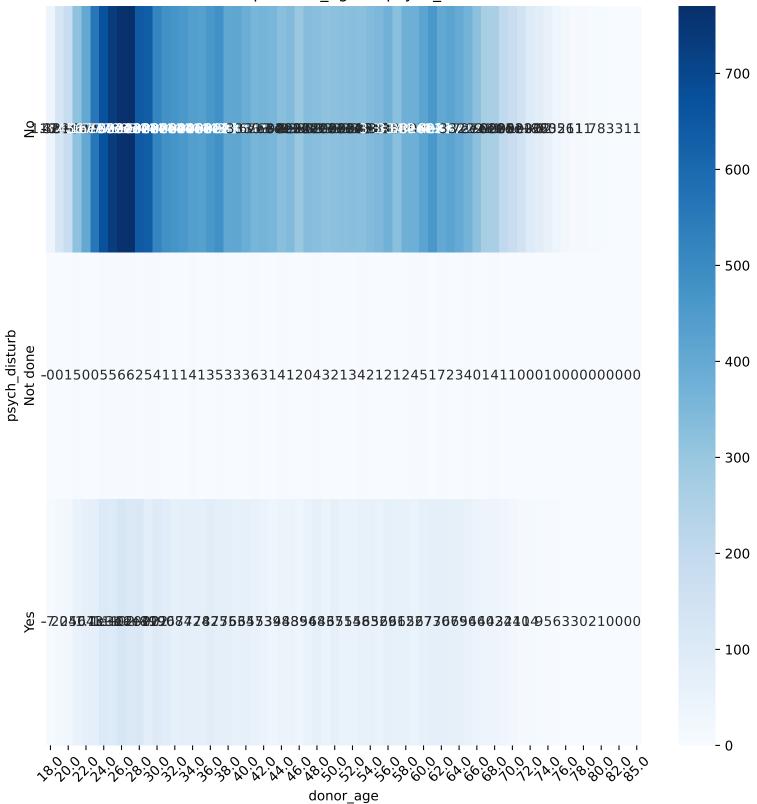


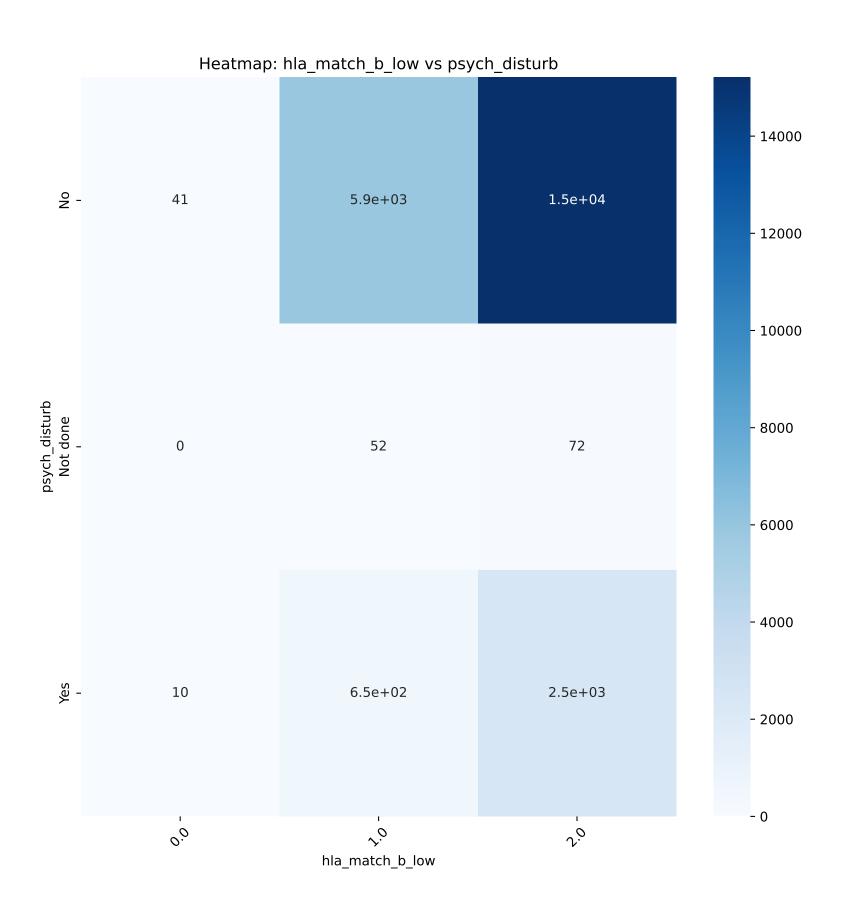


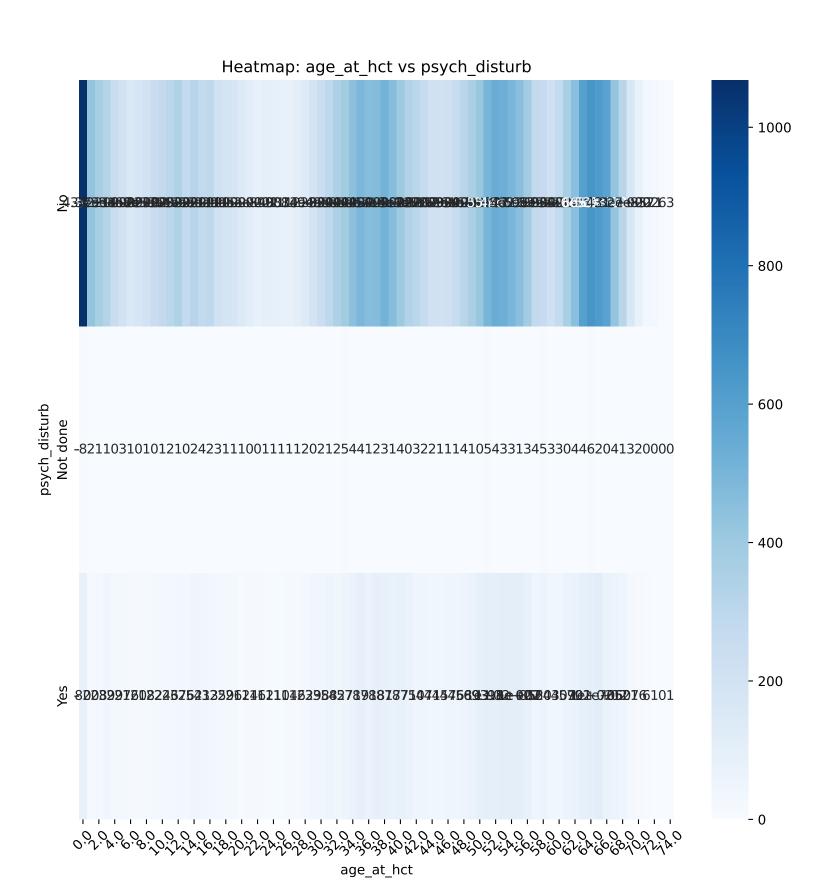


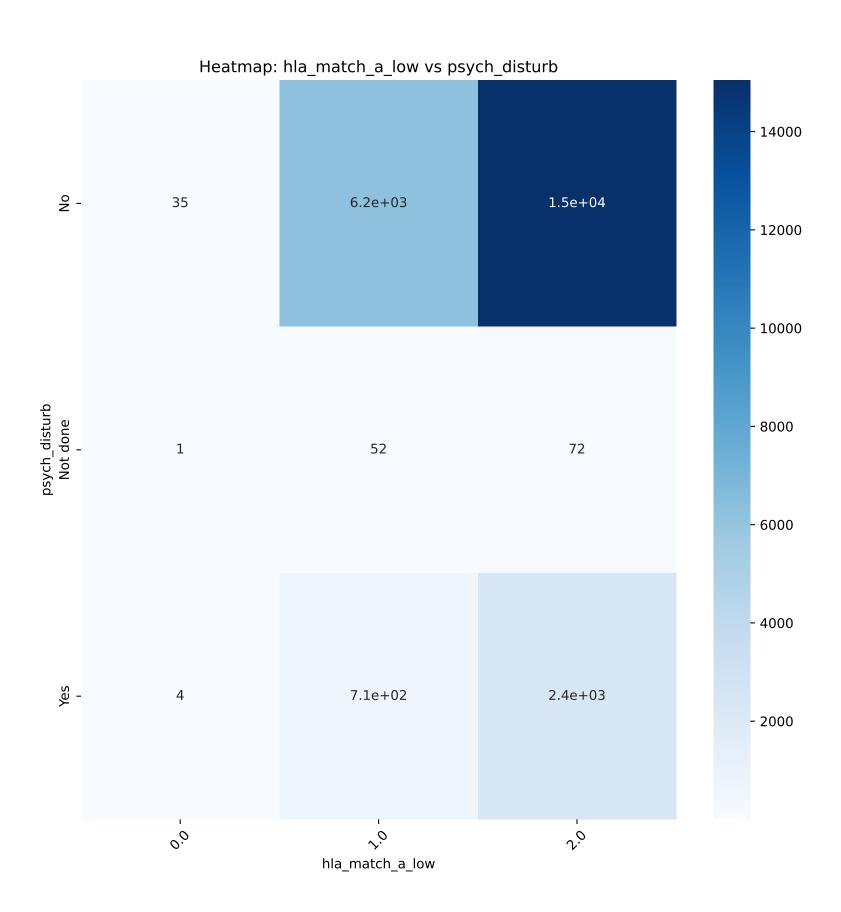


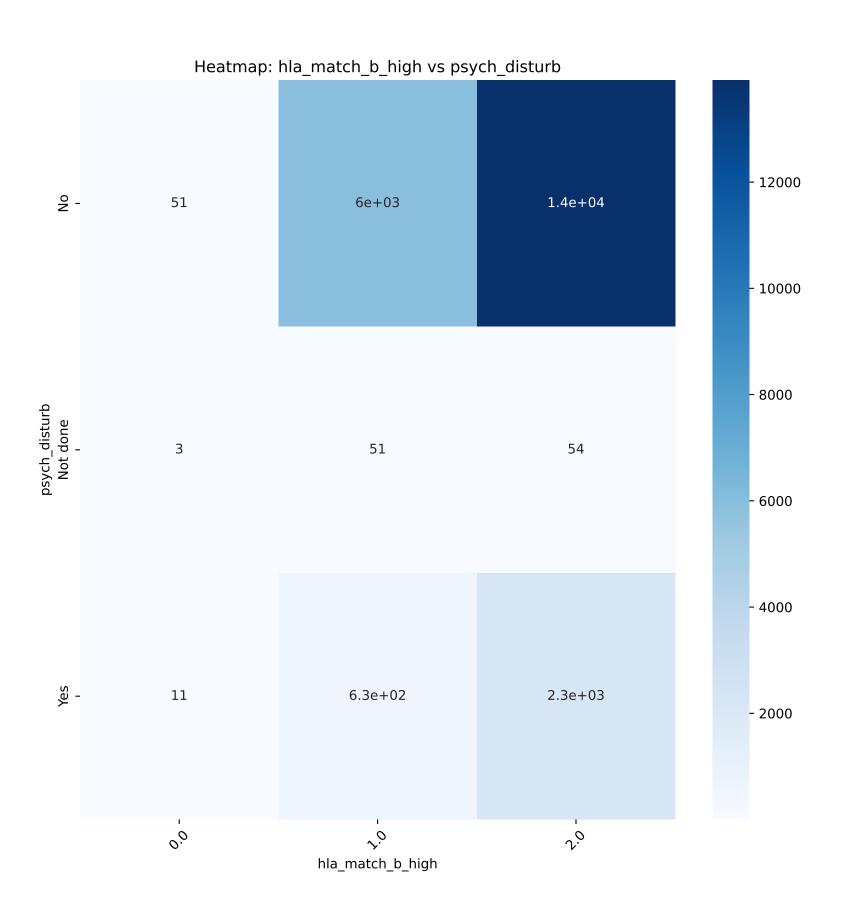


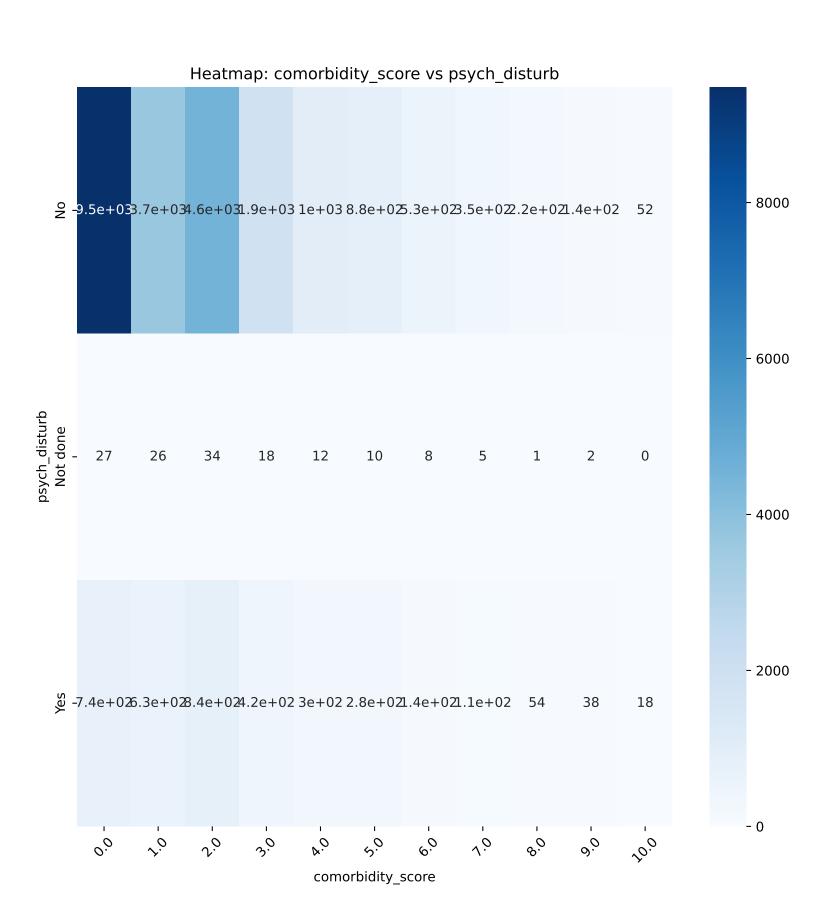


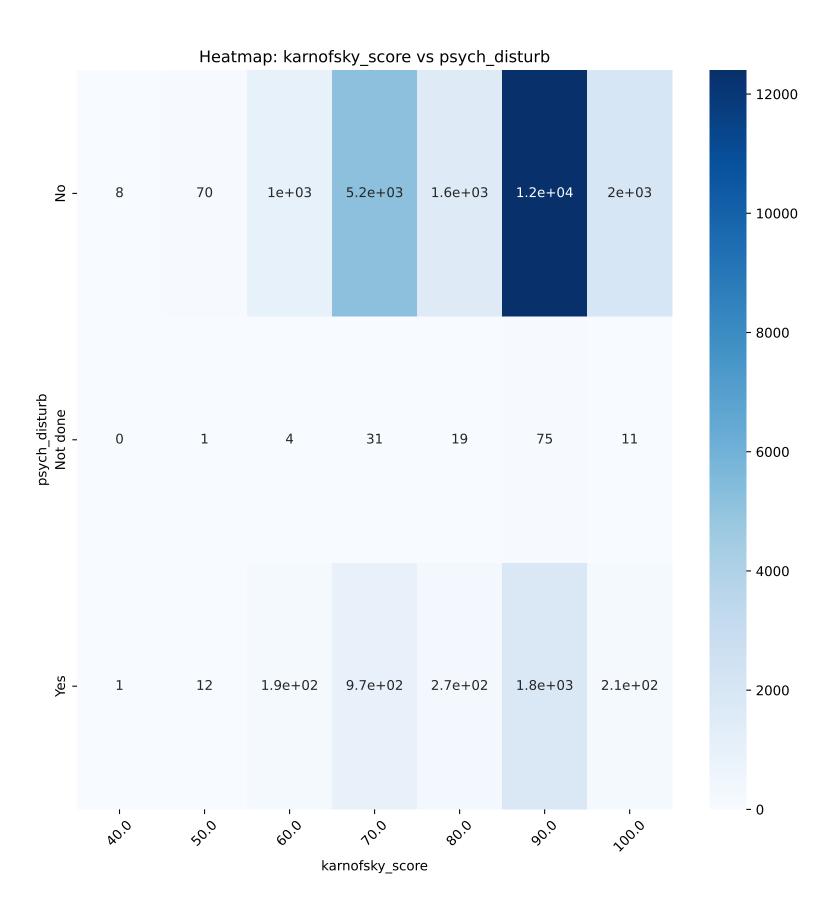


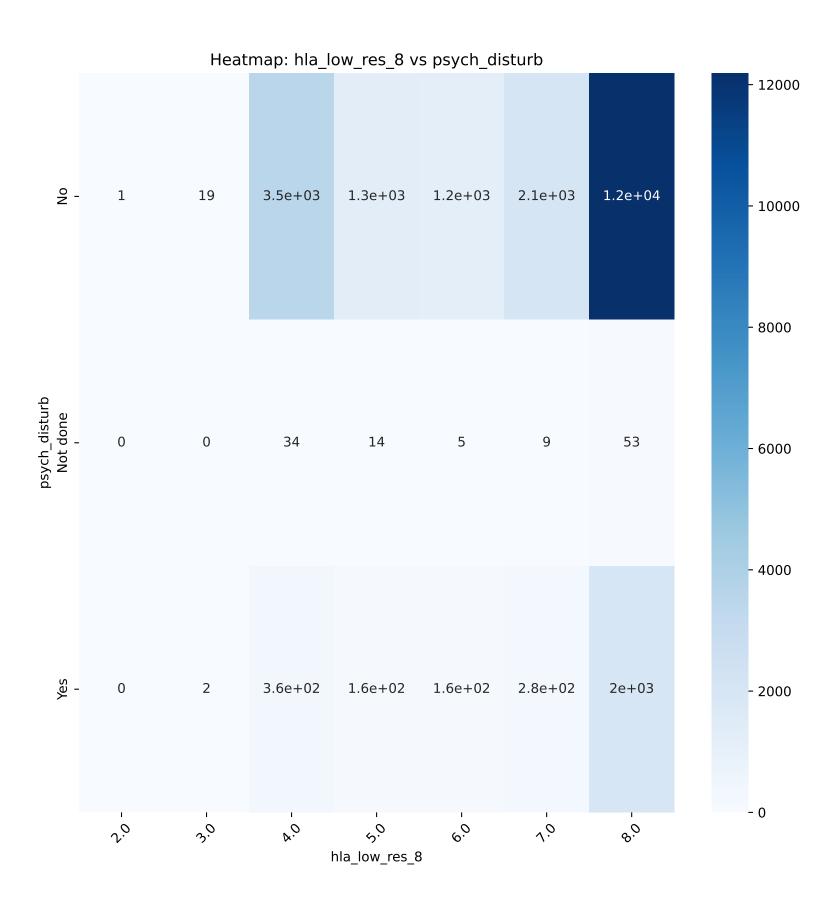


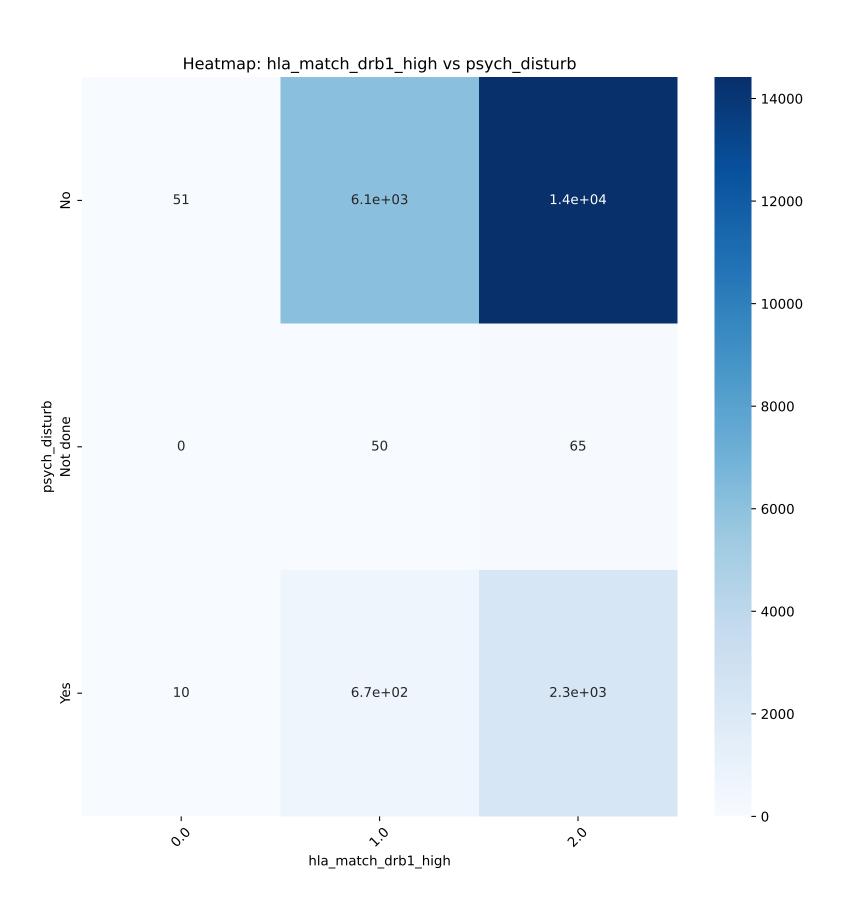












Heatmap: hla\_low\_res\_10 vs psych\_disturb - 10000 ဍိ -20 2.7e+03 1.3e+03 9.7e+02 1.1e+03 2e+03 1.1e+04 8000 psych\_disturb Not done ' - 6000 25 15 1 7 11 42 - 4000 - 2000 Yes -1 2.6e+02 1.5e+02 1e+02 1.5e+02 2.7e+02 1.8e+03

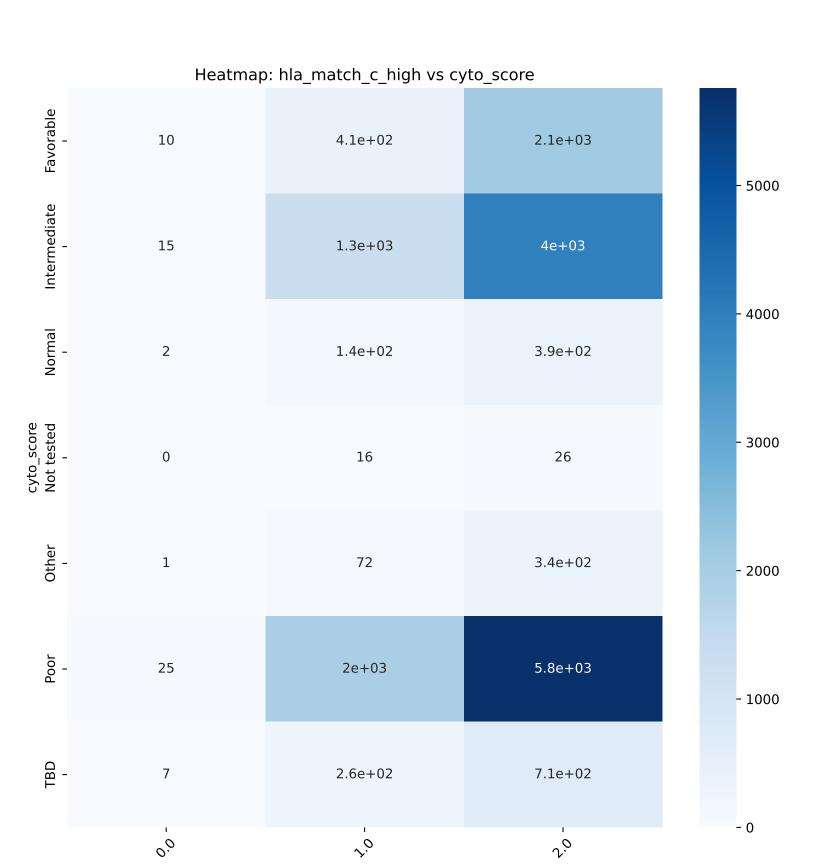
60

40

hla\_low\_res\_10

90

80

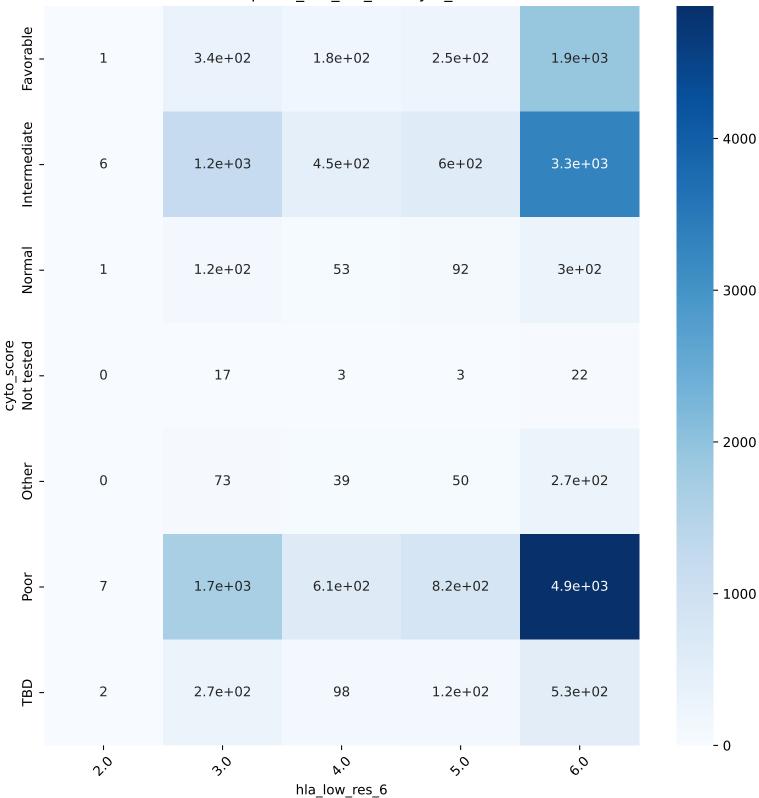


hla\_match\_c\_high

Heatmap: hla\_high\_res\_8 vs cyto\_score

				g	, <u>-</u>			 	
Favorable '	0	3	2.5e+02	1.3e+02	1.5e+02	2.5e+02	1.7e+03	- 4	4000
Intermediate '	1	9	9.7e+02	3.6e+02	3.4e+02	5.2e+02	2.9e+03	- 3	3500
Normal -	0	0	90	41	51	68	2.5e+02		3000 2500
cyto_score Not tested	0	0	13	5	1	3	18		2000
Other -	0	0	45	22	23	53	2.4e+02	- :	1500
Poor -	0	7	1.4e+03	5.4e+02	4.8e+02	7.1e+02	4.3e+03	- :	1000
TBD -	0	3	1.8e+02	1e+02	66	1.1e+02	4.4e+02		500
	2.0	3.	,0 h	တွ <sup>်</sup> nla_high_res_	8	7.0	8.0	- (	0

Heatmap: hla\_low\_res\_6 vs cyto\_score



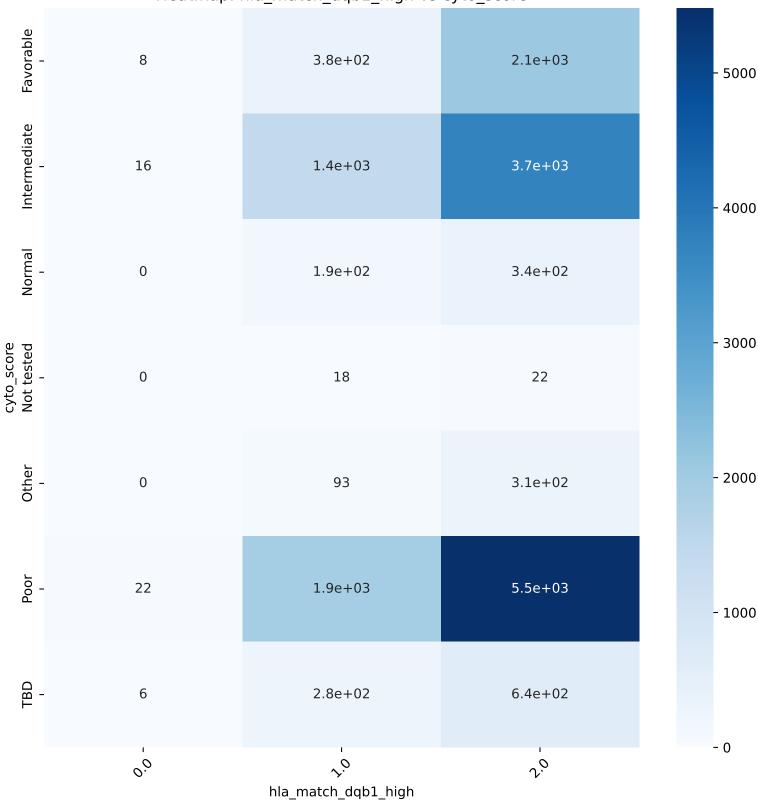
Heatmap: hla\_high\_res\_6 vs cyto\_score

		ricacine	.p. ma_mgn_	103_0 vs cyt	0_50010		
Favorable	0	4	3e+02	1.9e+02	2.9e+02	1.7e+03	- 4000
Intermediate	- 1	17	1.1e+03	4.6e+02	5.9e+02	2.9e+03	- 3500
Normal	0	0	1.1e+02	68	70	2.6e+02	- 3000
cyto_score Not tested	0	0	17	2	4	18	- 2500 - 2000
Other	0	0	55	29	60	2.4e+02	- 1500
Poor	0	12	1.6e+03	6.9e+02	8.1e+02	4.4e+03	- 1000
TBD -	0	2	2.4e+02	1e+02	1.3e+02	4.6e+02	- 500
	0.	2.0	ာ် hla_higl	\ <u>\</u> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	5°.	6.0	- 0

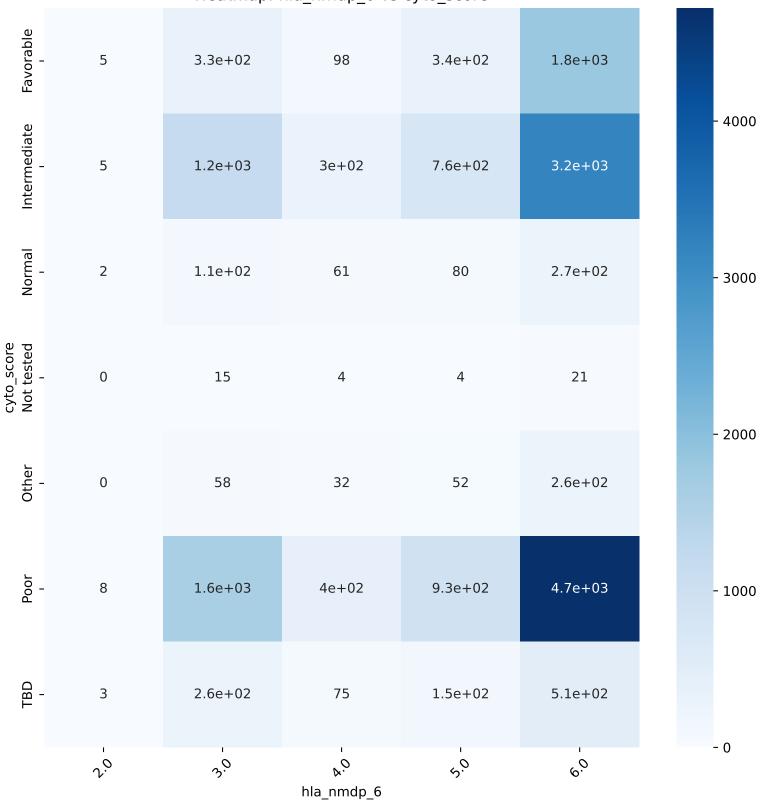
Heatmap: hla\_high\_res\_10 vs cyto\_score

		Heat	.iiiap. iiia_i	iigii_ies_1	J vs cyto_s	COLE		 
Favorable	2	1.9e+02	1e+02	94	1.3e+02	2.4e+02	1.5e+03	- 3500
Intermediate	9	8e+02	3.2e+02	2.5e+02	2.8e+02	5.1e+02	2.6e+03	- 3000
Normal	0	74	40	30	50	64	2.1e+02	- 2500
cyto_score Not tested	0	12	5	1	1	4	13	- 2000
Other	0	40	15	23	19	48	2.1e+02	- 1500
Poor	7	1.1e+03	4.6e+02	3.8e+02	4e+02	7e+02	3.9e+03	- 1000
TBD -	1	1.4e+02	67	70	56	1.1e+02	3.7e+02	- 500
	Ø. 0	\$. 0	60	10	8.0	90	20.0	- 0
			h	la_high_res_1	.0		7	

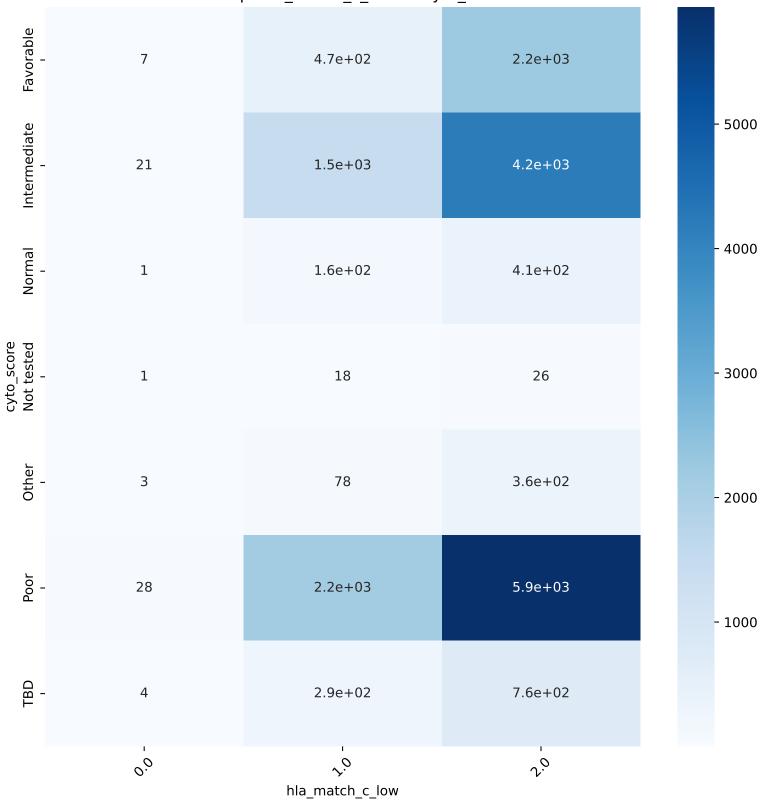
Heatmap: hla\_match\_dqb1\_high vs cyto\_score

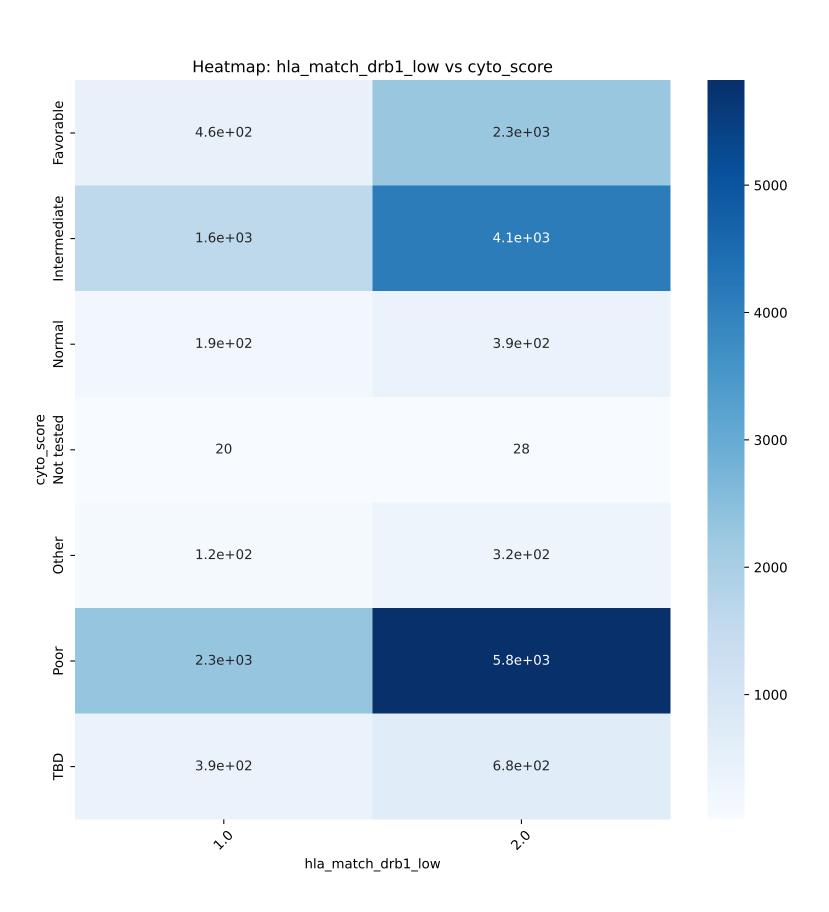


Heatmap: hla\_nmdp\_6 vs cyto\_score

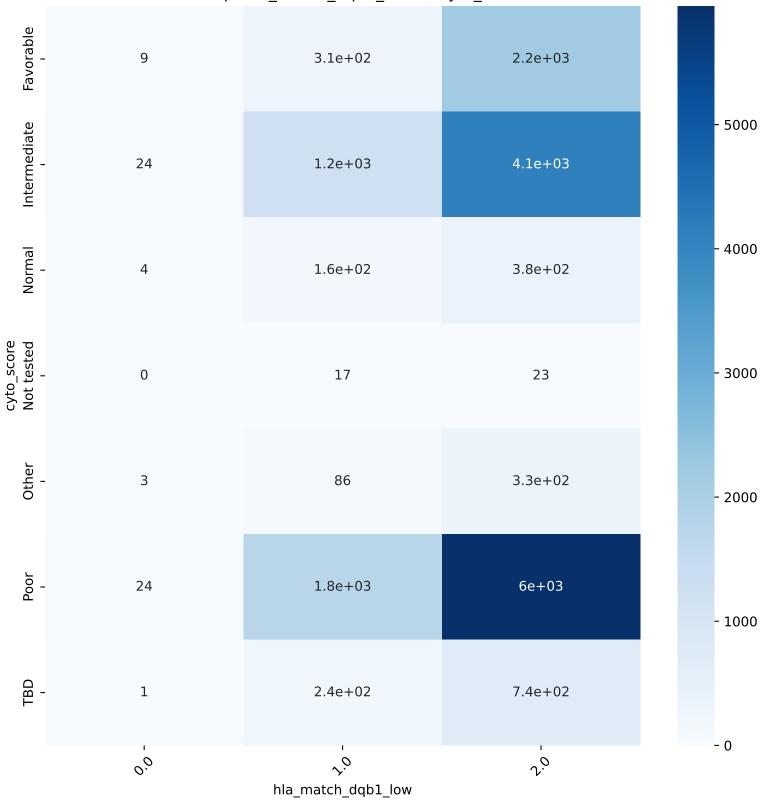


Heatmap: hla\_match\_c\_low vs cyto\_score

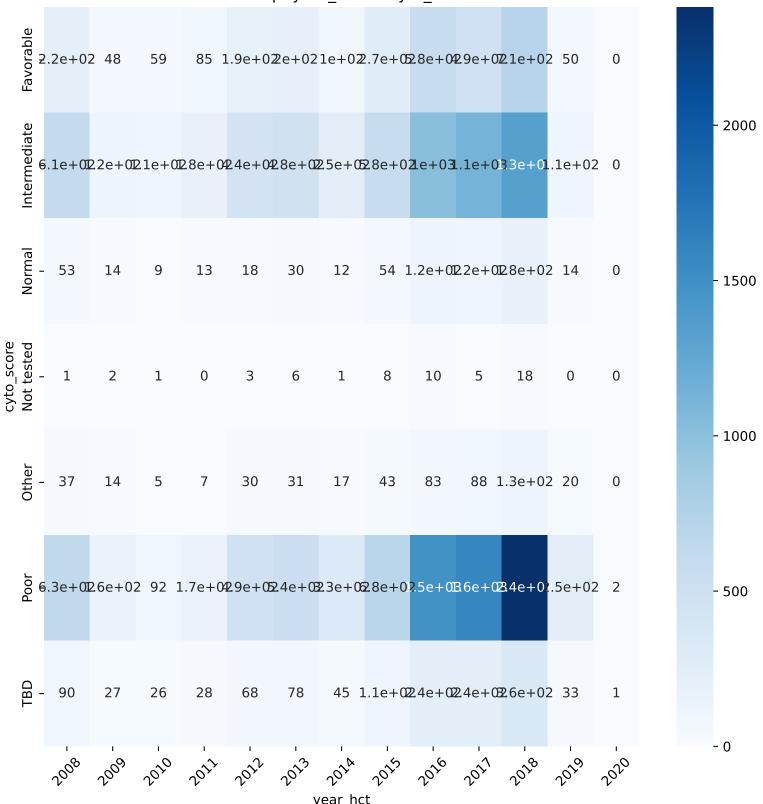




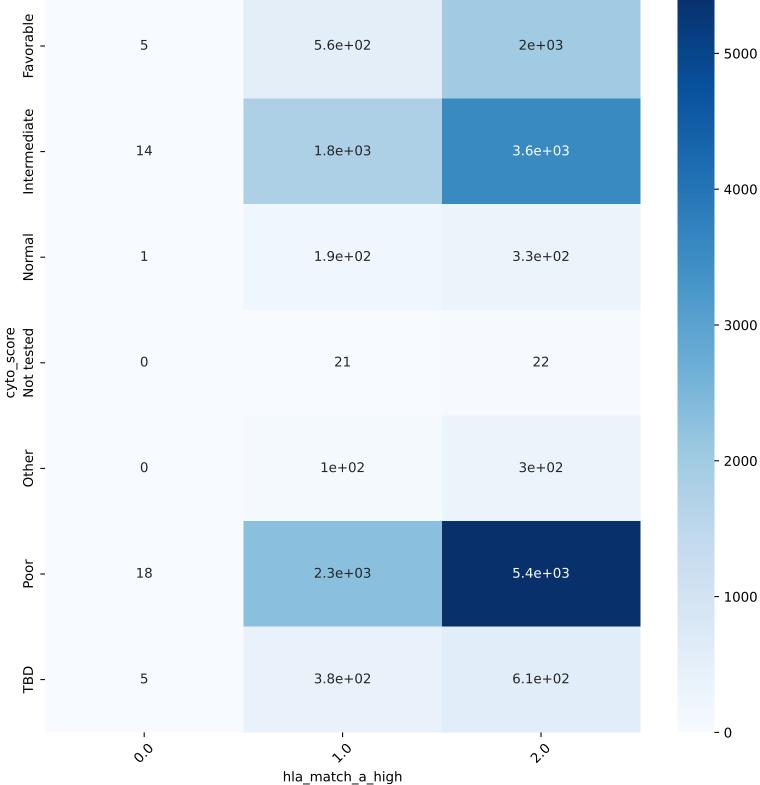
Heatmap: hla\_match\_dqb1\_low vs cyto\_score



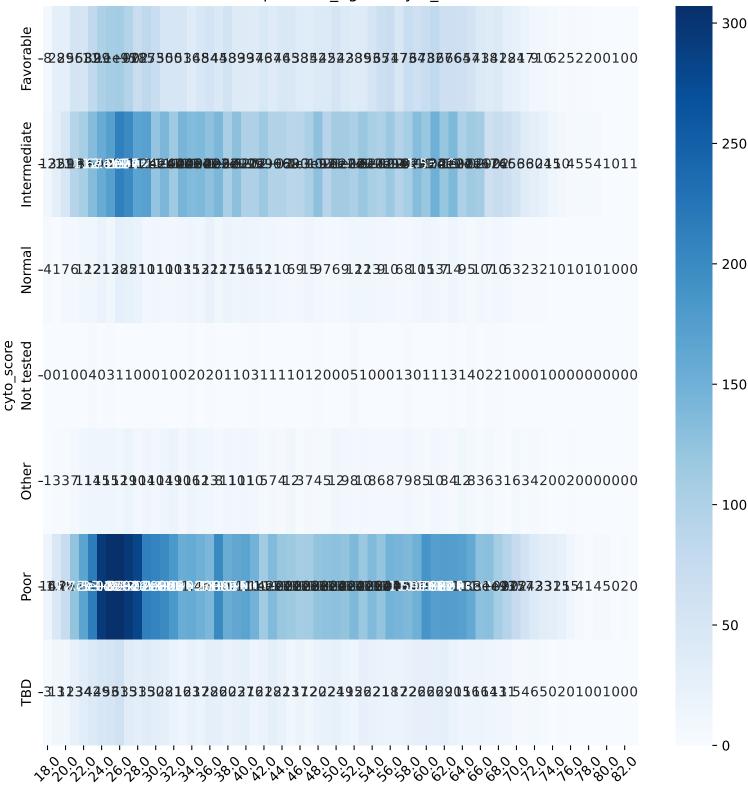
Heatmap: year\_hct vs cyto\_score



Heatmap: hla\_match\_a\_high vs cyto\_score

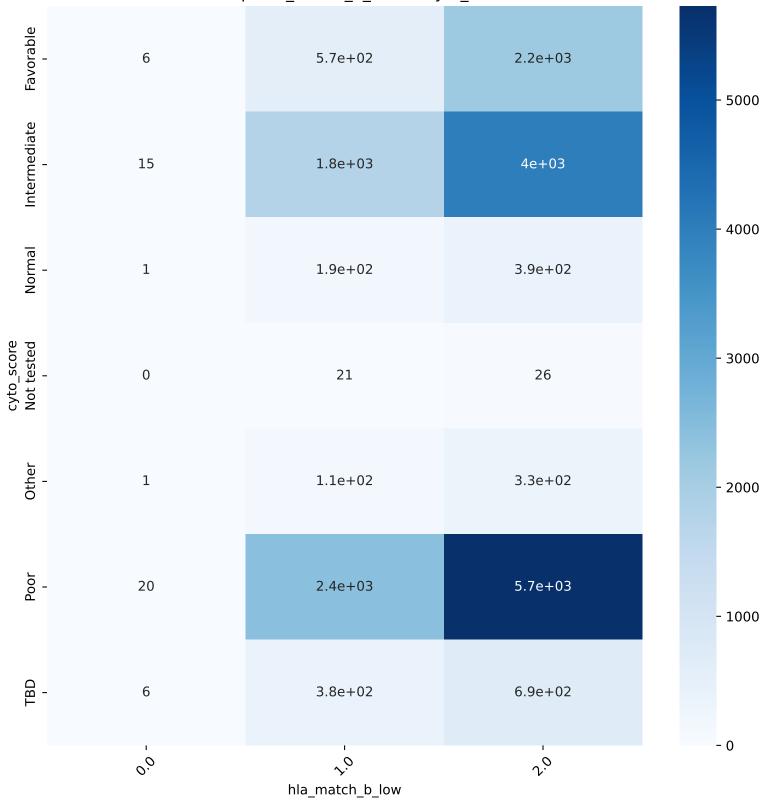


## Heatmap: donor\_age vs cyto\_score

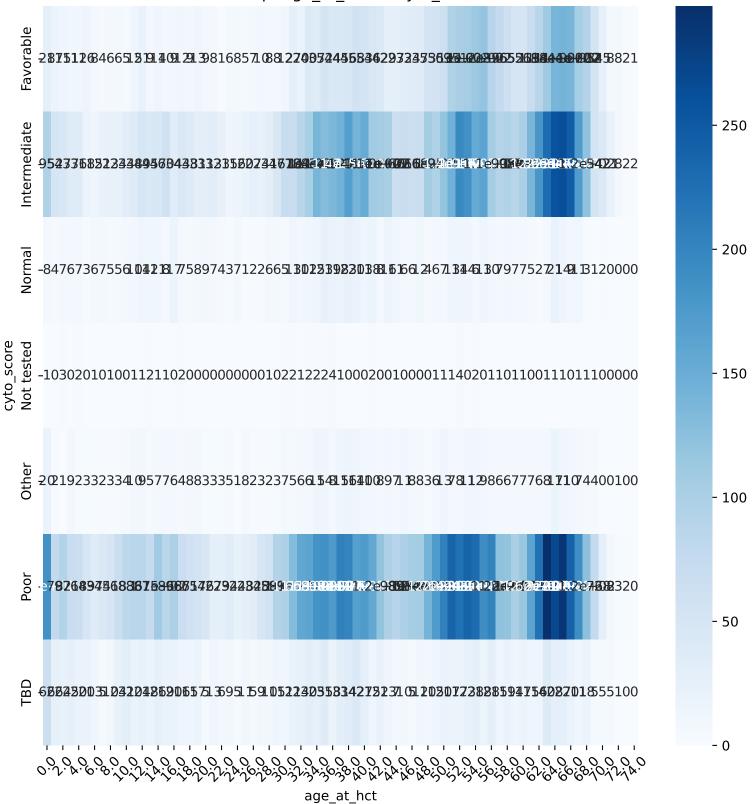


donor\_age

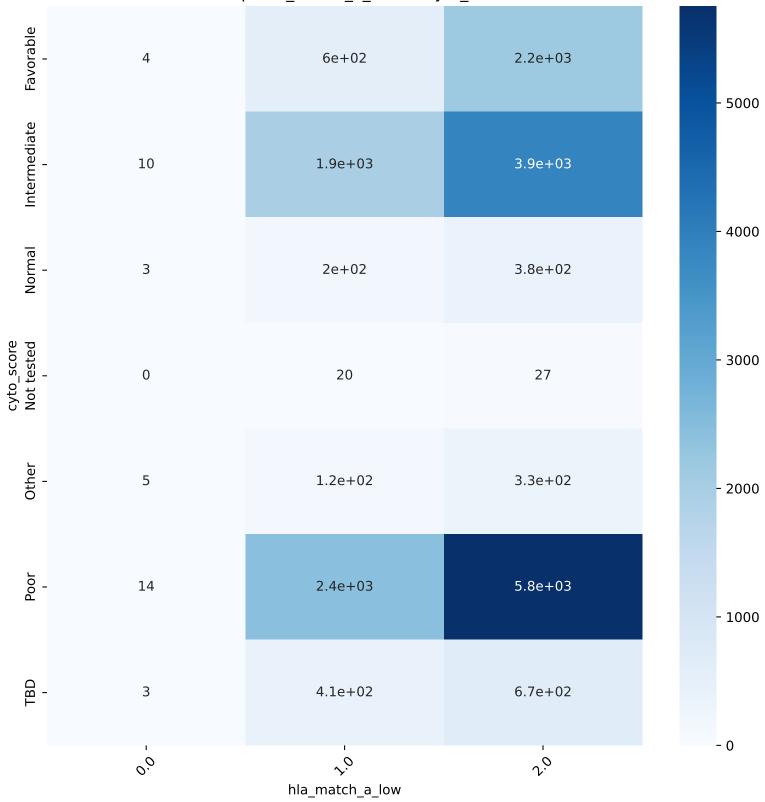
Heatmap: hla\_match\_b\_low vs cyto\_score



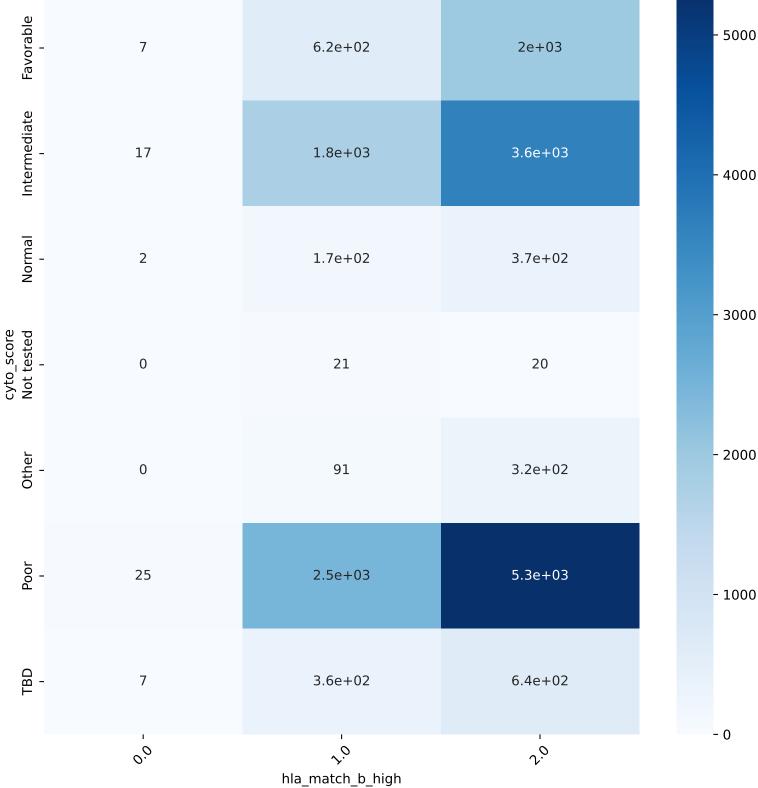
## Heatmap: age\_at\_hct vs cyto\_score



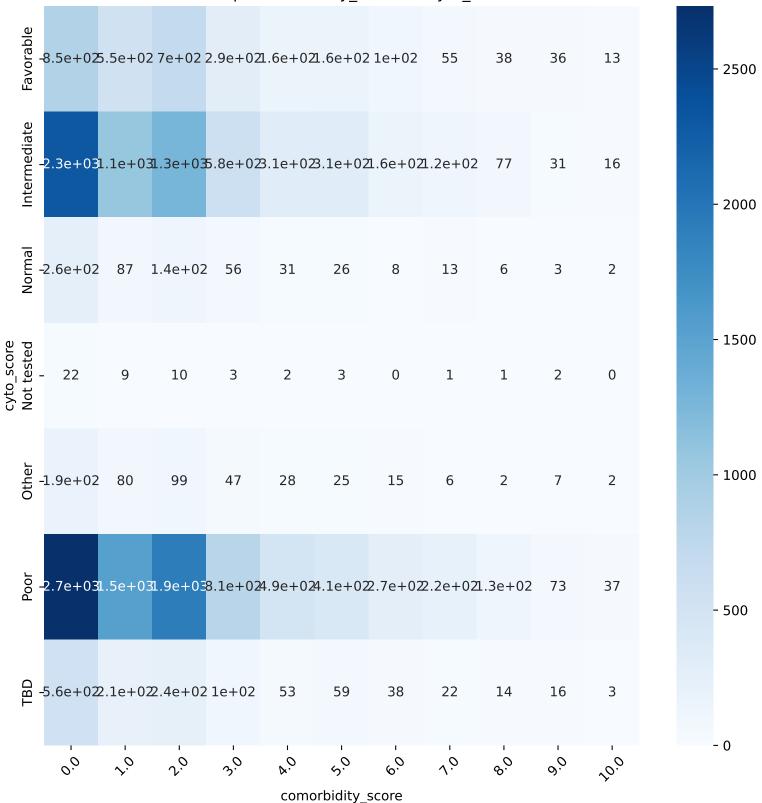
Heatmap: hla\_match\_a\_low vs cyto\_score



Heatmap: hla\_match\_b\_high vs cyto\_score



Heatmap: comorbidity\_score vs cyto\_score

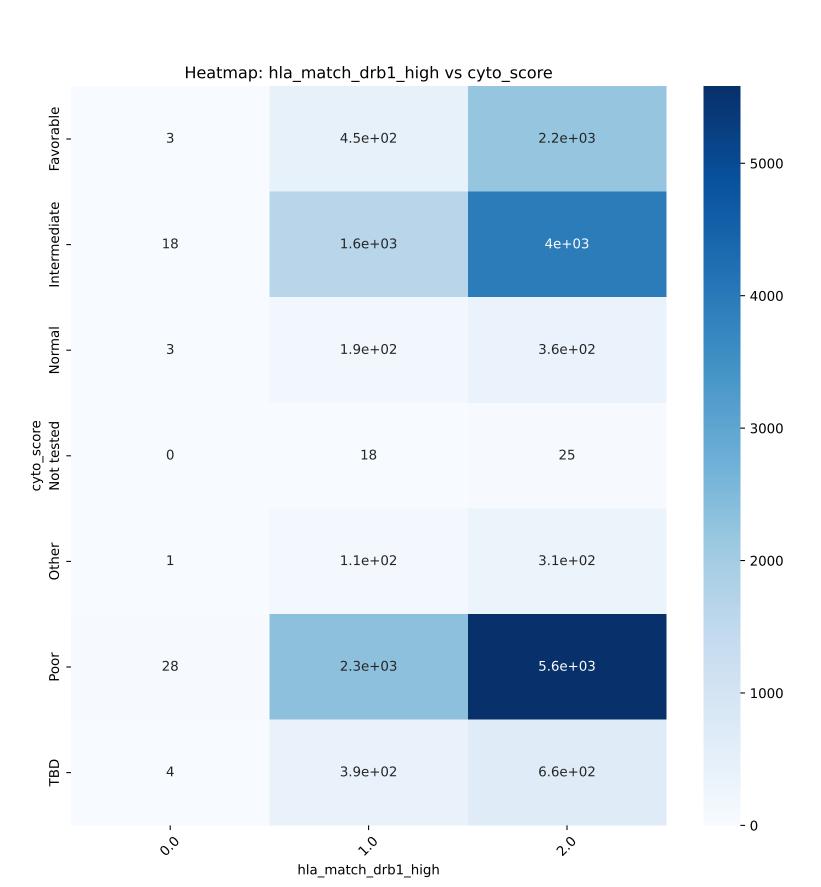


Heatmap: karnofsky\_score vs cyto\_score

		Hea	unap. Kani	OISKY_SCOIL	e vs cyto_s	COIC		 
Favorable	1	14	1.9e+02	8.6e+02	2.2e+02	1.5e+03	1.2e+02	
Intermediate	3	21	3.2e+02	1.8e+03	4.5e+02	3.3e+03	3.4e+02	- 4000
Normal '	0	2	40	1.5e+02	45	3.4e+02	42	- 3000
cyto_score Not tested '	0	0	6	9	2	30	6	- 2000
Other '	0	2	22	1.3e+02	36	2.7e+02	32	- 2000
Poor	2	24	3.8e+02	2.3e+03	6.2e+02	4.7e+03	5.3e+02	- 1000
TBD -	1	0	55	2.9e+02	1.2e+02	7e+02	1.6e+02	
	40.0	\$0.0	60,0	10.0	80,0	90.0	,00°0	- 0
			ka	arnofsky_scoi	re			

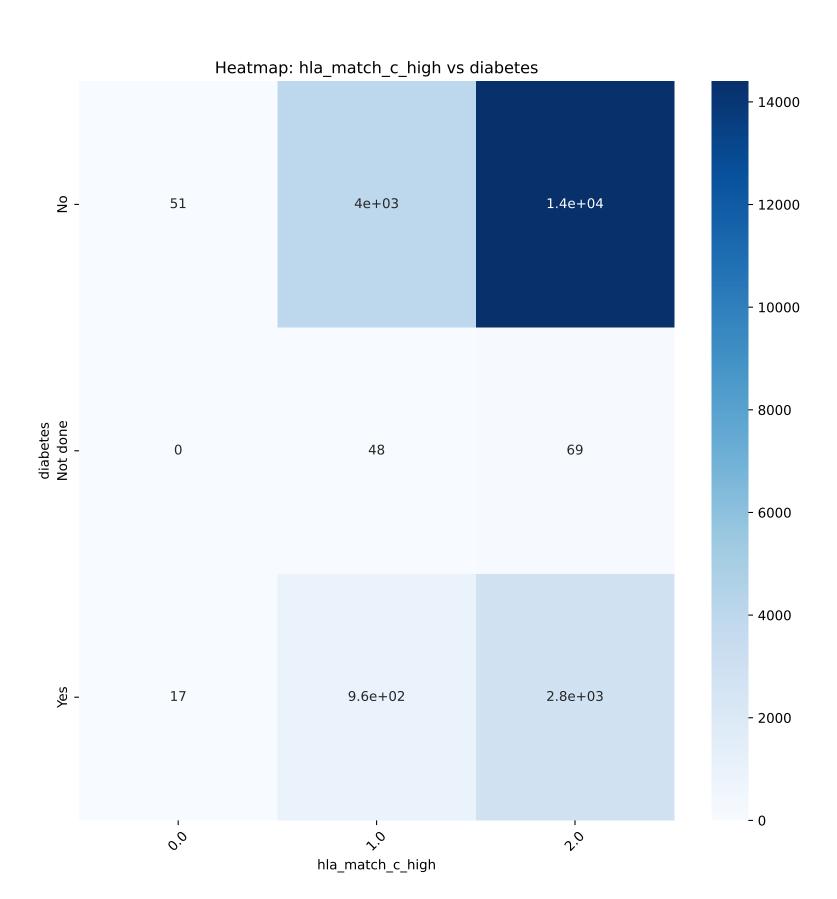
Heatmap: hla\_low\_res\_8 vs cyto\_score

	Tleatinap. Tha_low_res_6 vs cyto_score									
Favorable	0	3	2.9e+02	1.3e+02	1.2e+02	2.4e+02	1.8e+03			
Intermediate  -	. 0	7	1.1e+03	3.6e+02	3.3e+02	5.3e+02	3.2e+03			4000
Normal	0	1	1e+02	33	47	85	2.9e+02		_	- 3000
cyto_score Not tested	0	0	16	3	3	1	22			· 2000
Other 	0	0	52	34	31	49	2.6e+02			
Poor -	1	7	1.5e+03	4.9e+02	4.5e+02	7.6e+02	4.7e+03			1000
TBD -	0	2	2.1e+02	90	84	1.1e+02	5e+02			
	2.0	3.0	». 0	్లు nla_low_res_8	6. 8	7.0	8.0			- 0

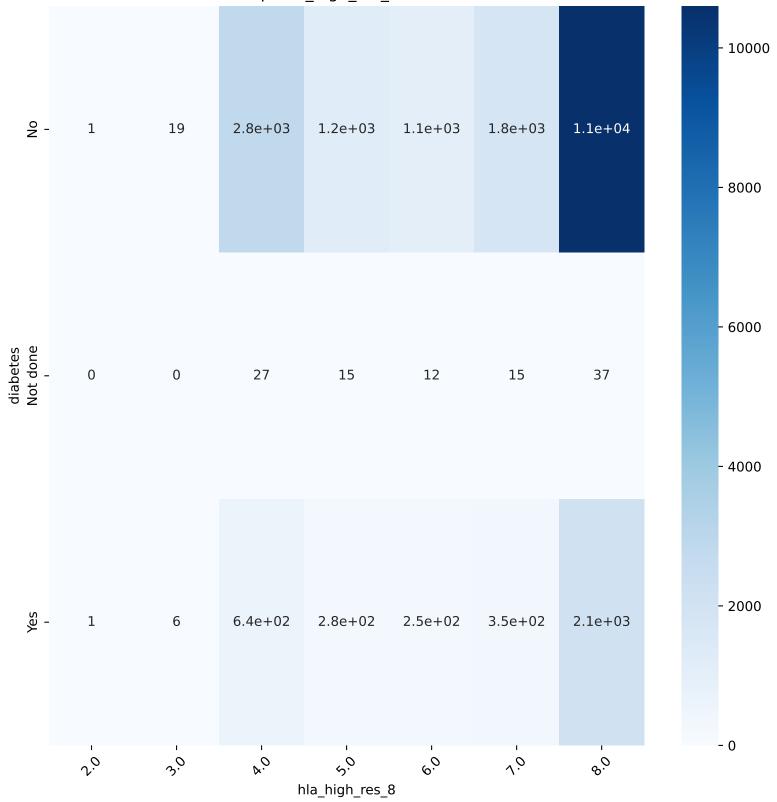


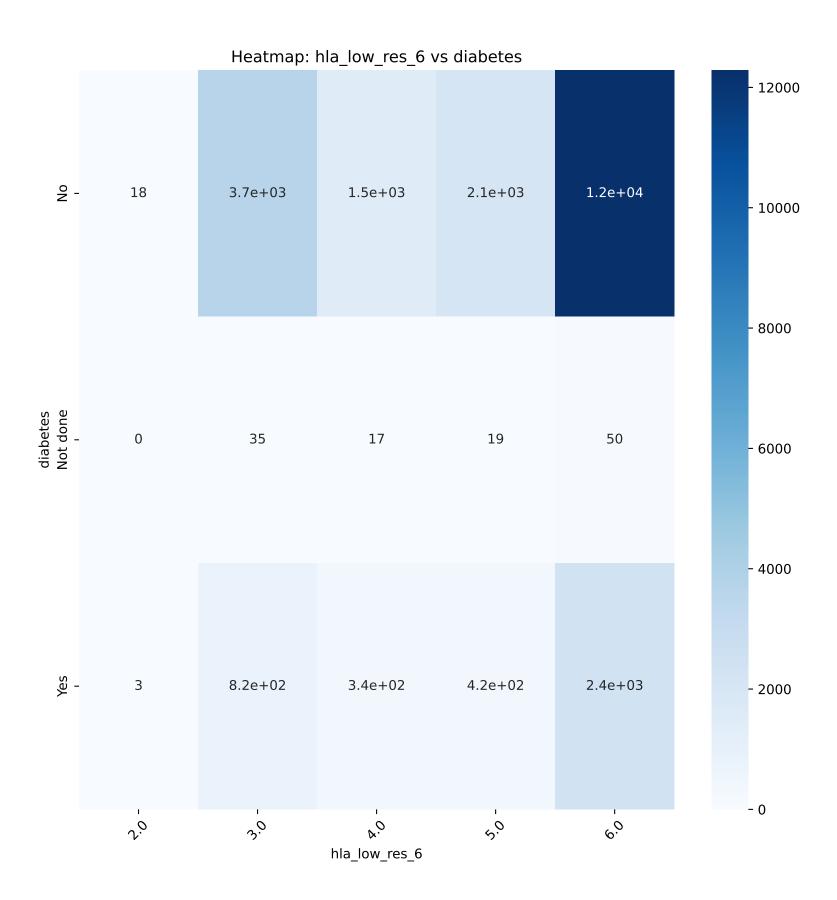
Heatmap: hla\_low\_res\_10 vs cyto\_score

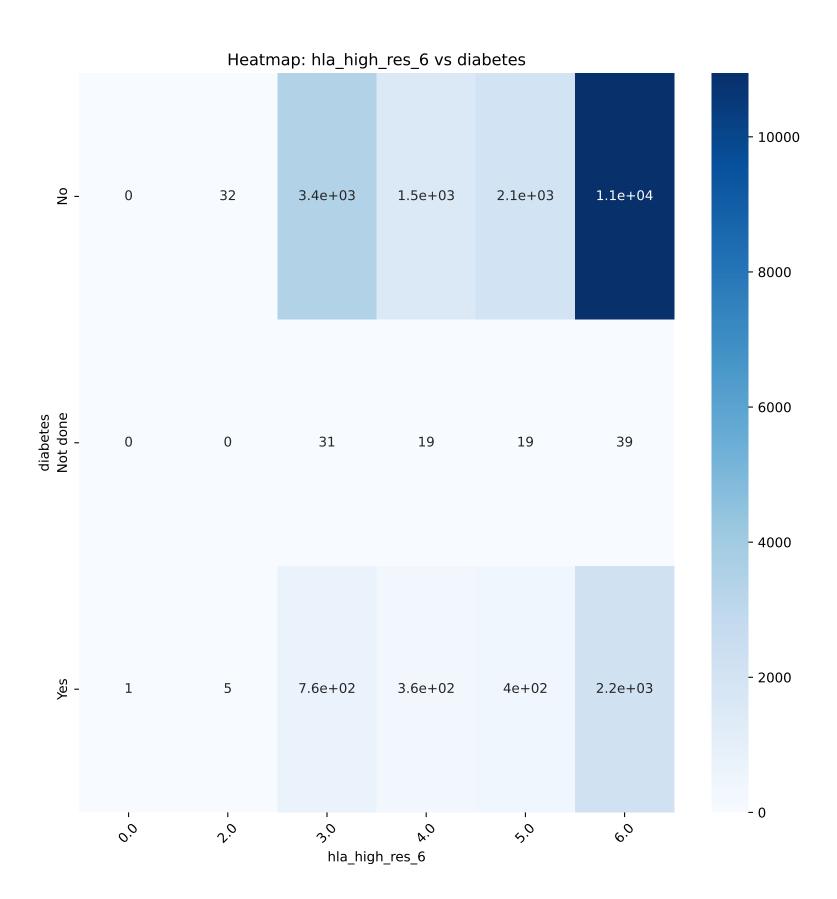
	Tieathap. Tha_low_res_10 vs cyto_score										
Favorable '	4	1.9e+02	1.3e+02	94	1.2e+02	2.3e+02	1.7e+03	- 4000			
Intermediate '	5	8.1e+02	3.8e+02	2.7e+02	2.9e+02	5.2e+02	2.9e+03	- 3500			
Normal -	2	86	38	25	46	84	2.4e+02	- 3000 - 2500			
cyto_score Not tested '	0	14	4	2	2	1	15	- 2000			
Other	0	41	25	22	24	50	2.4e+02	- 1500			
Poor	9	1.1e+03	5.3e+02	3.6e+02	4.3e+02	7.5e+02	4.3e+03	- 1000			
TBD -	0	1.4e+02	96	64	76	1.1e+02	4.3e+02	- 500			
	Ø. 0	\$.0	6.	10	80	9.0	20,0	- 0			
			h	la_low_res_1	0						



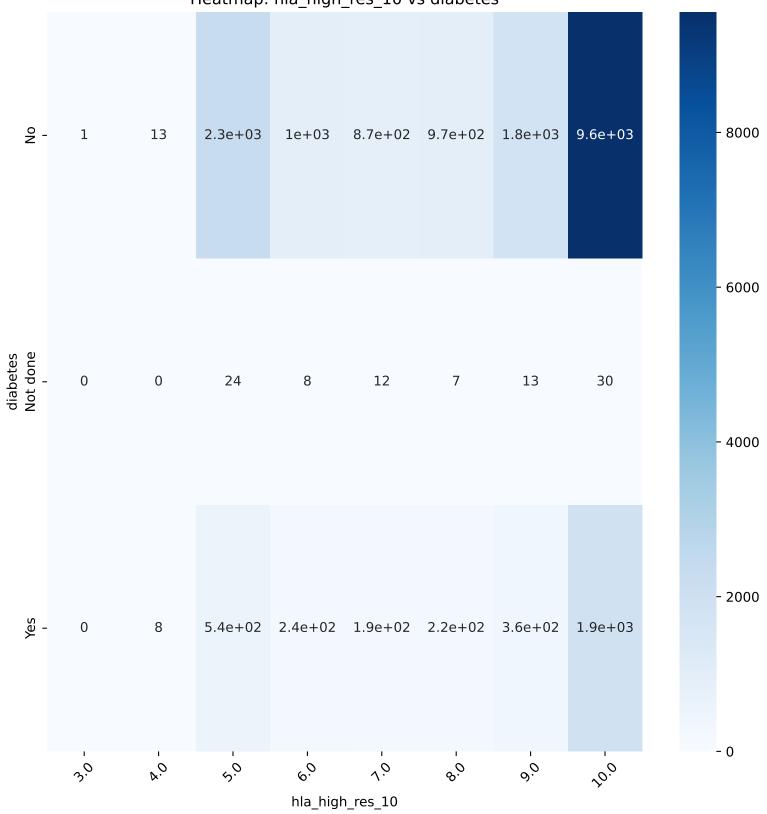
Heatmap: hla\_high\_res\_8 vs diabetes

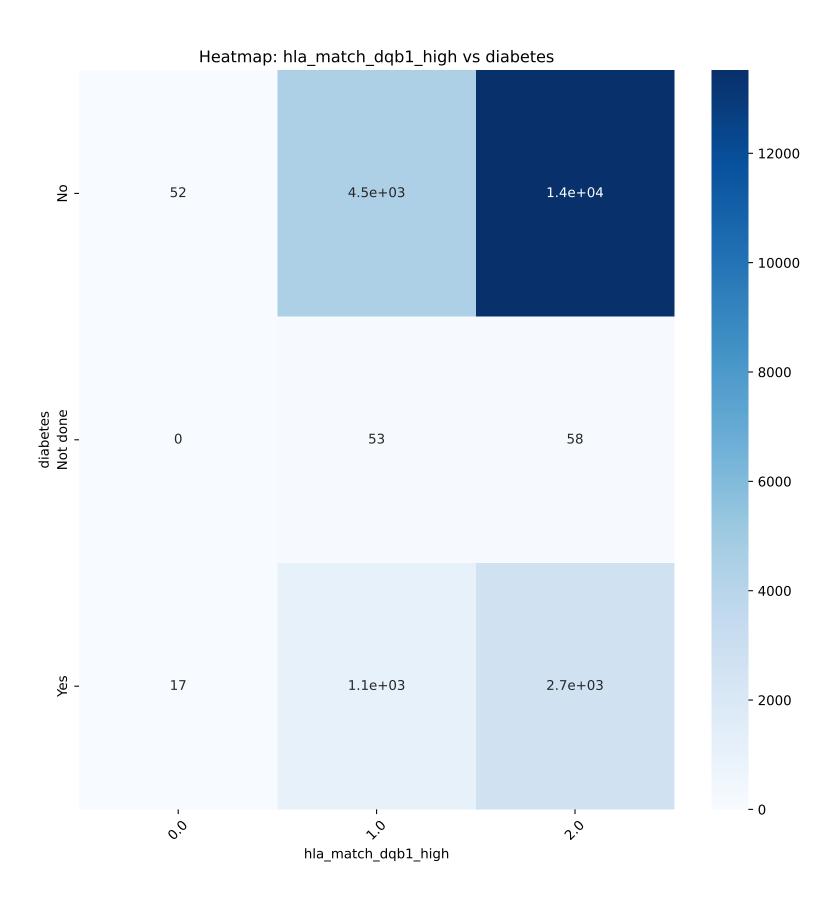




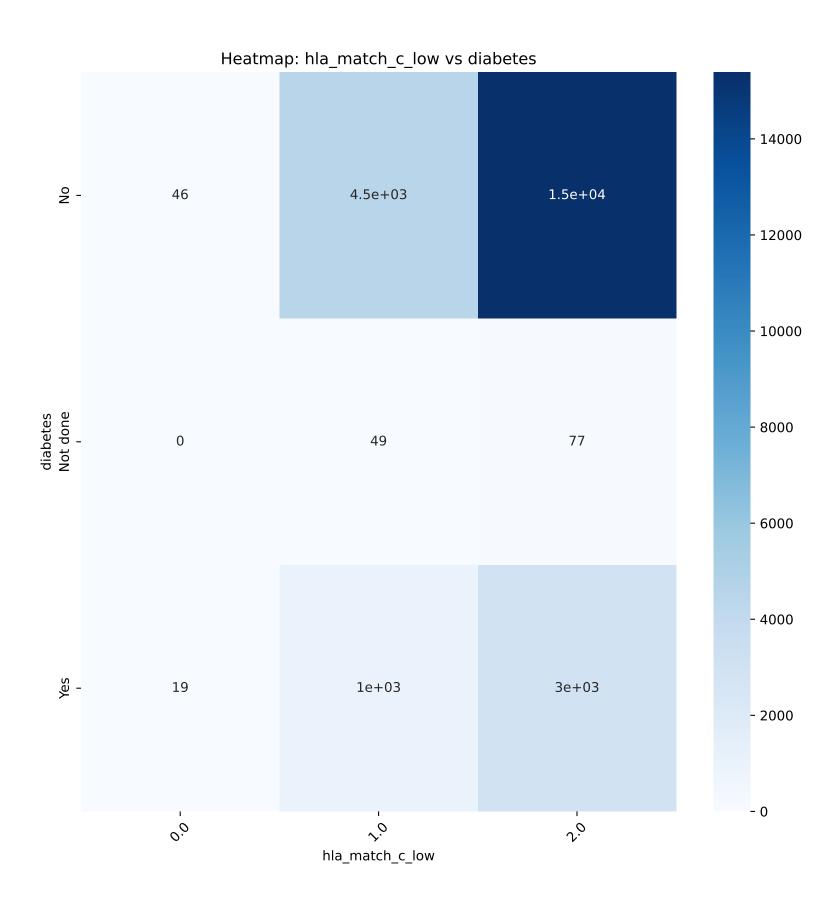


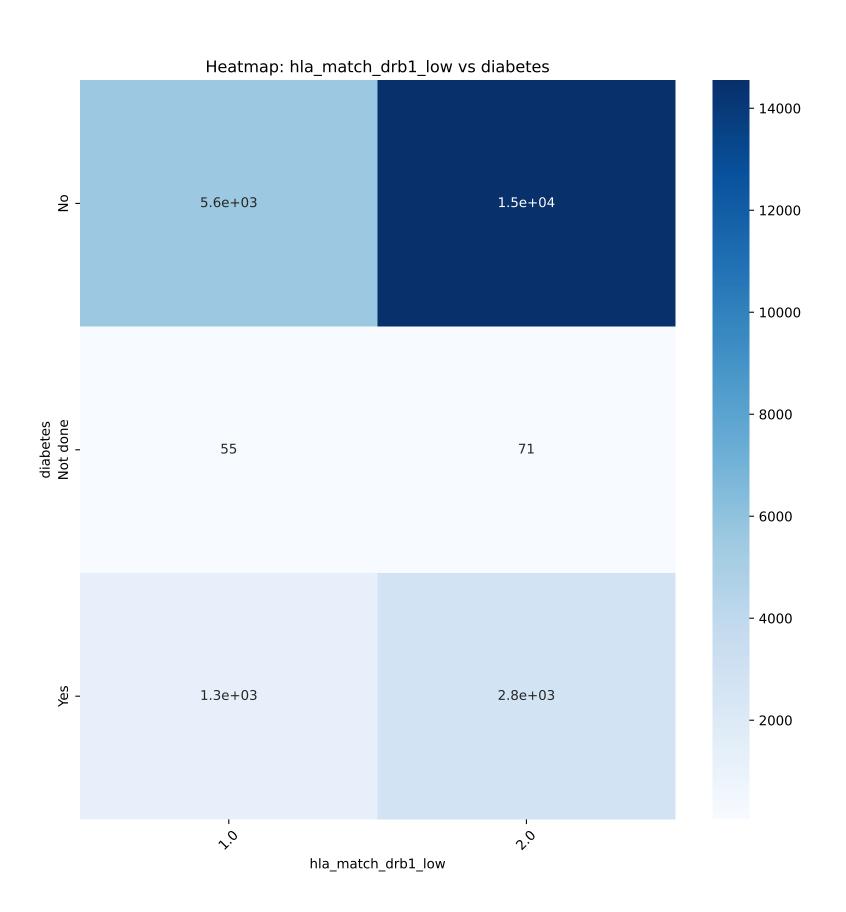
Heatmap: hla\_high\_res\_10 vs diabetes

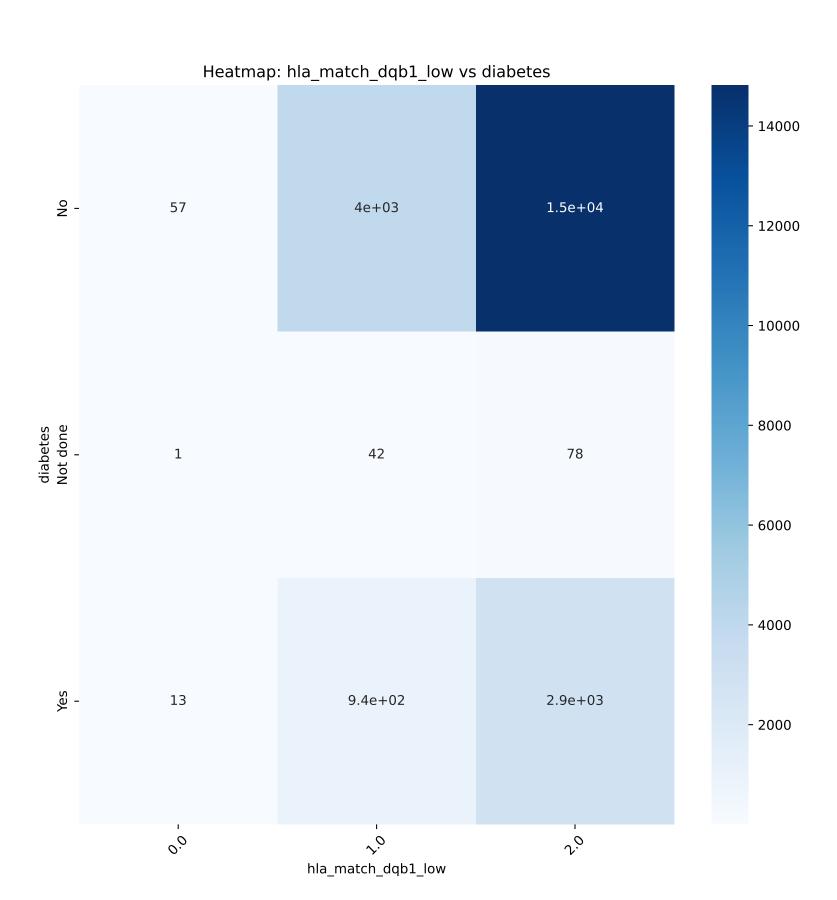


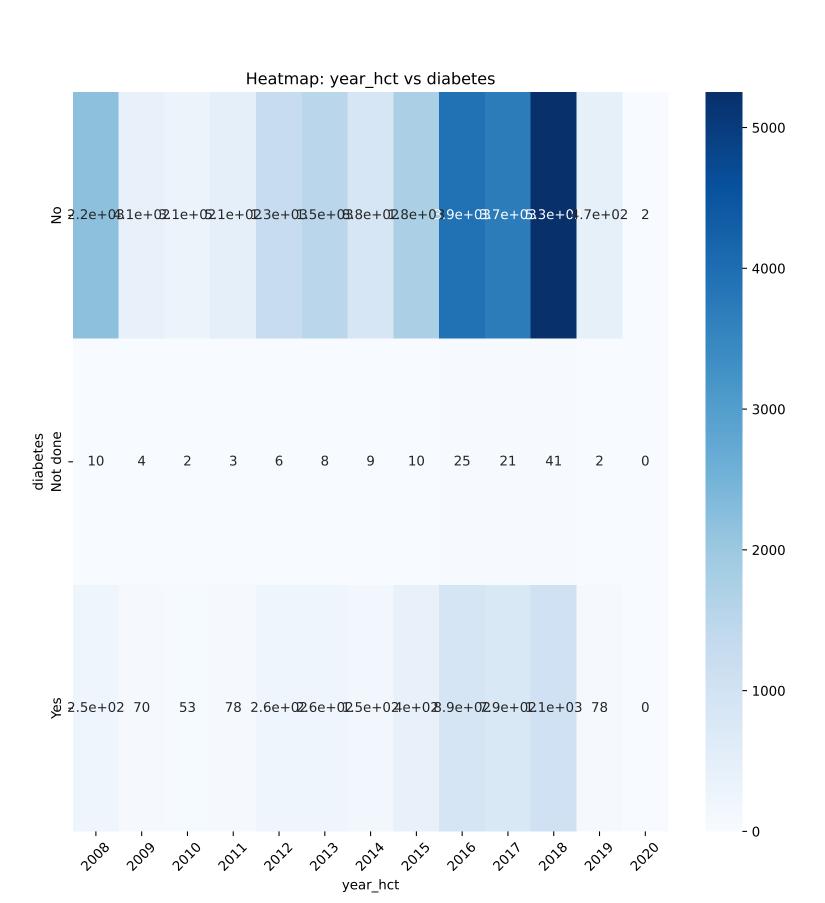


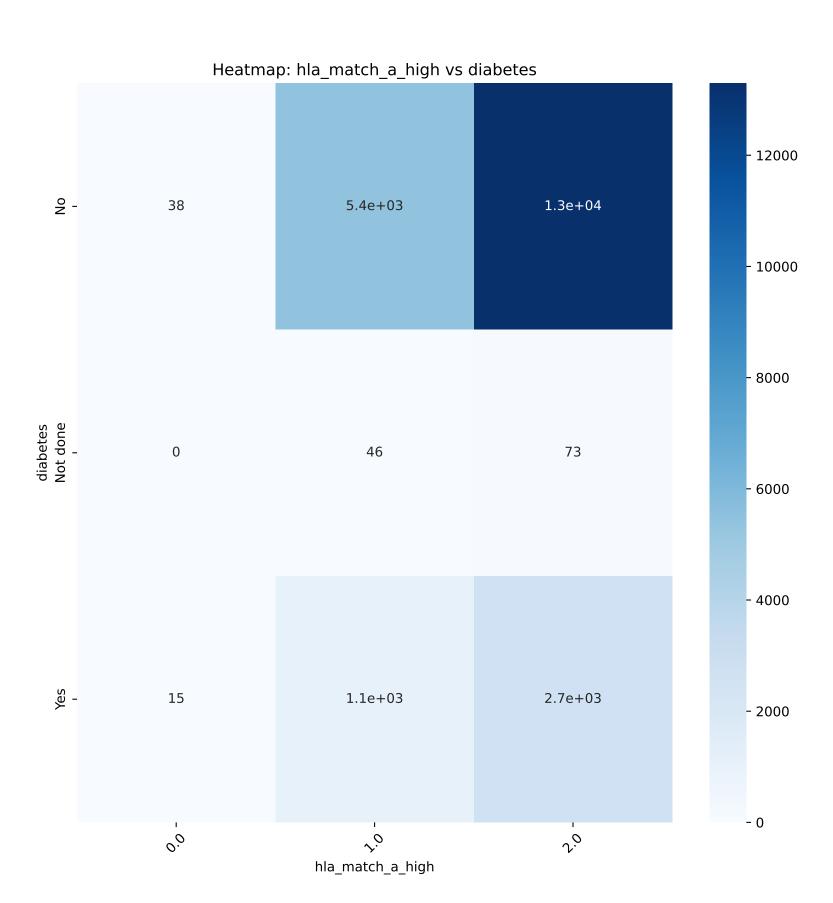
Heatmap: hla\_nmdp\_6 vs diabetes - 10000 မှ -23 3.6e+03 9.2e+02 2.6e+03 1.2e+04 - 8000 diabetes Not done 6000 0 32 13 20 53 - 4000 Yes -- 2000 8 7.7e+02 2.4e+02 4.3e+02 2.4e+03 - 0 °. °,0 hla\_nmdp\_6



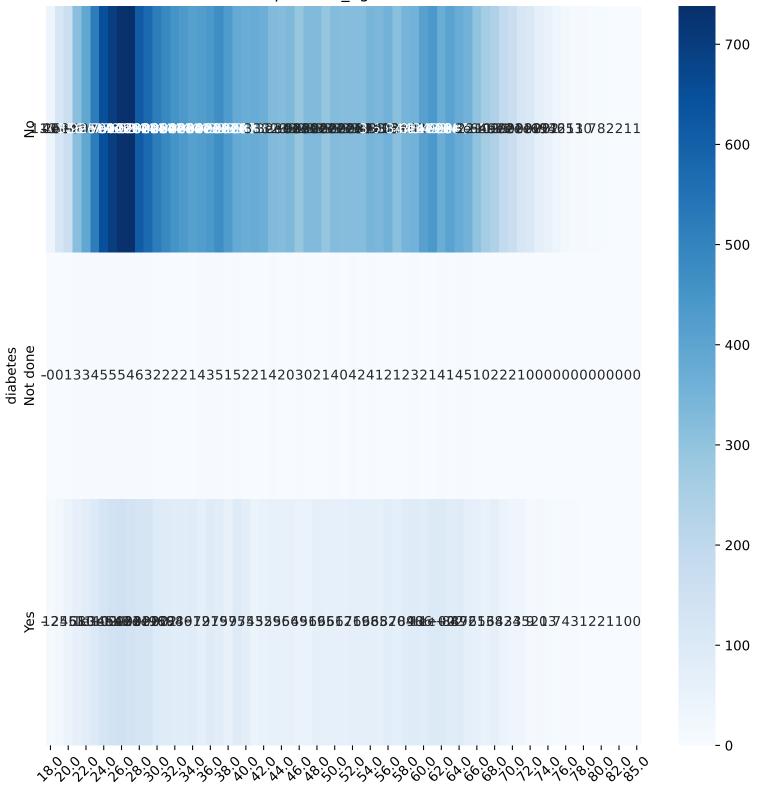


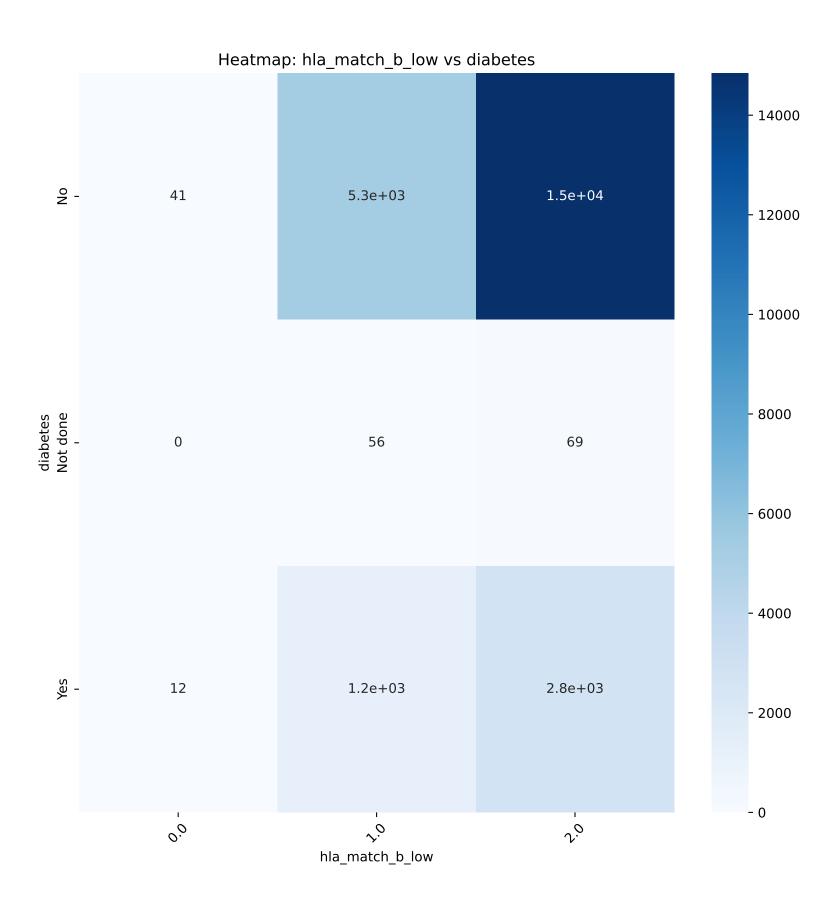




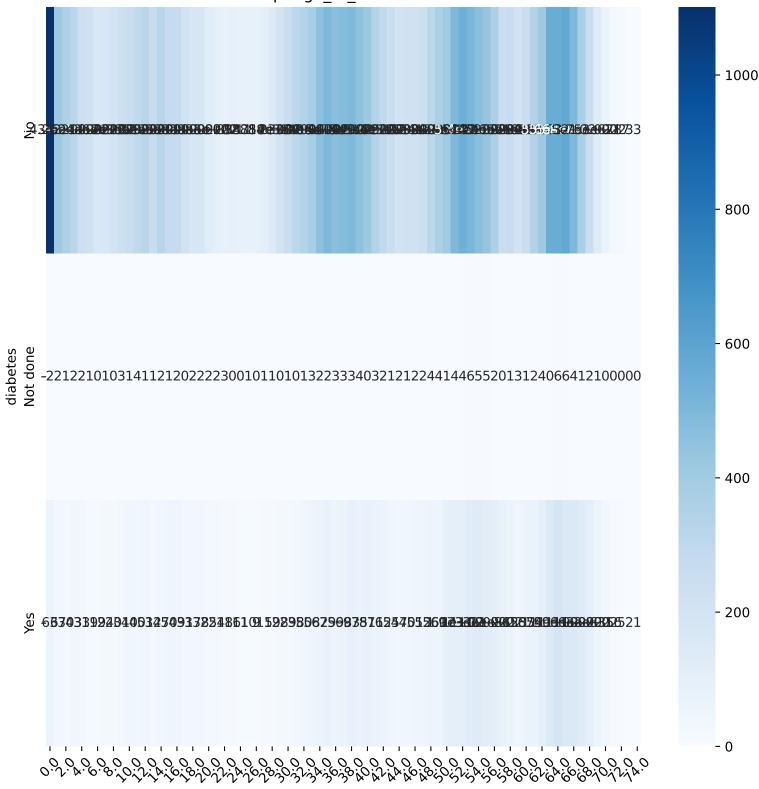


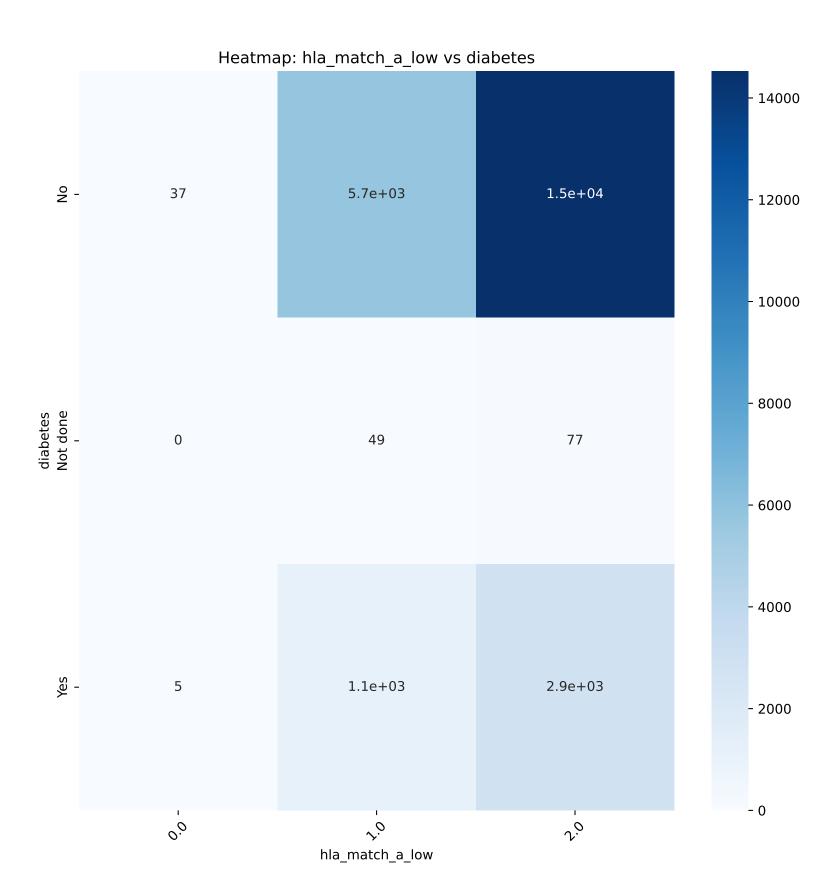
## Heatmap: donor\_age vs diabetes

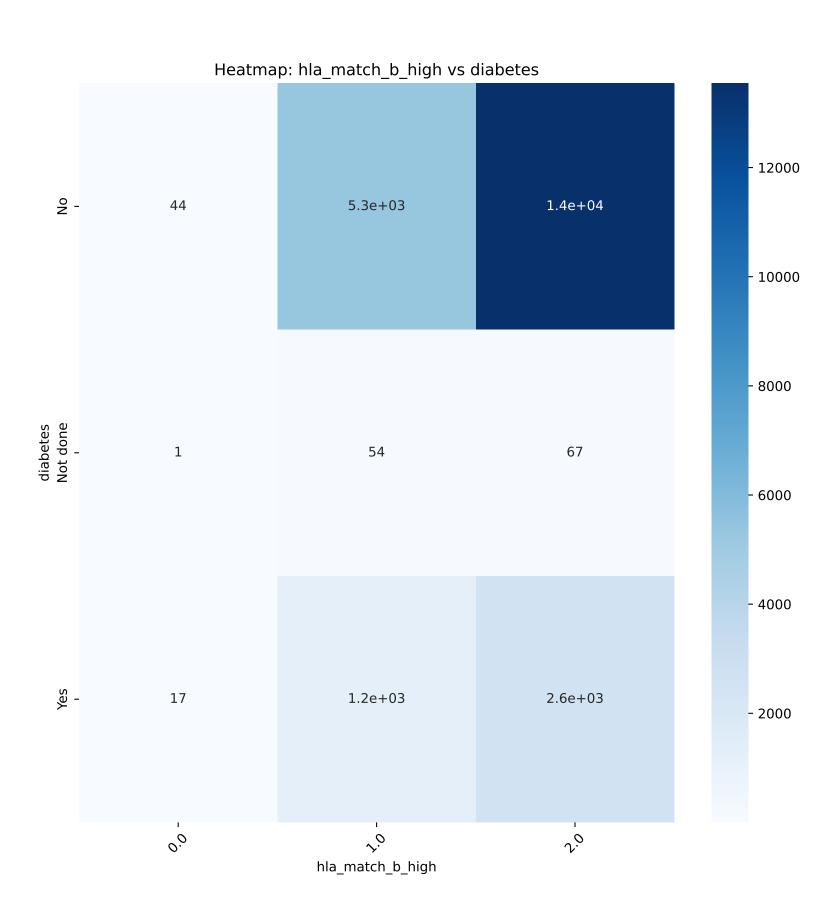




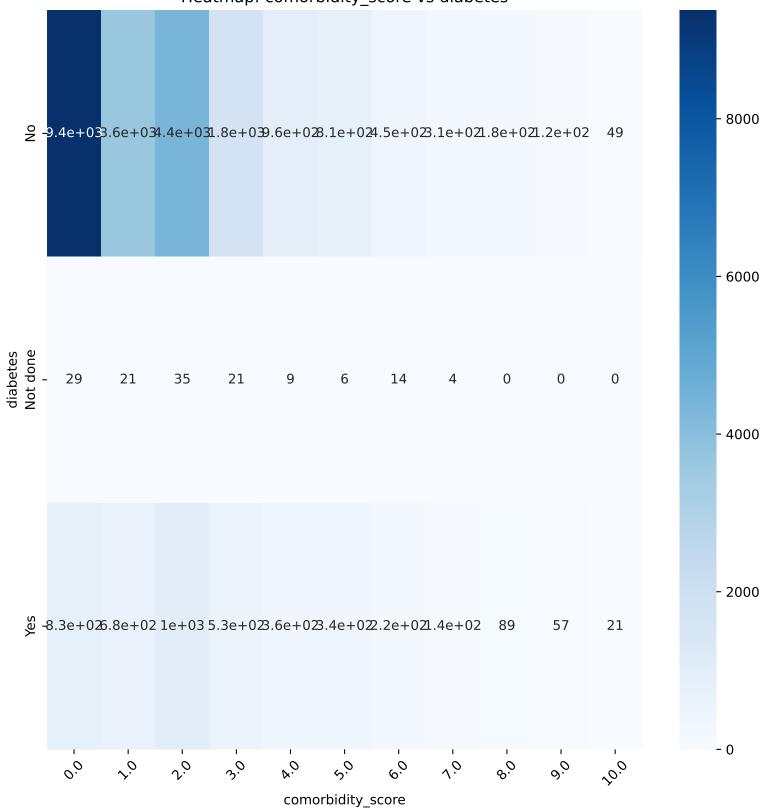
## Heatmap: age\_at\_hct vs diabetes

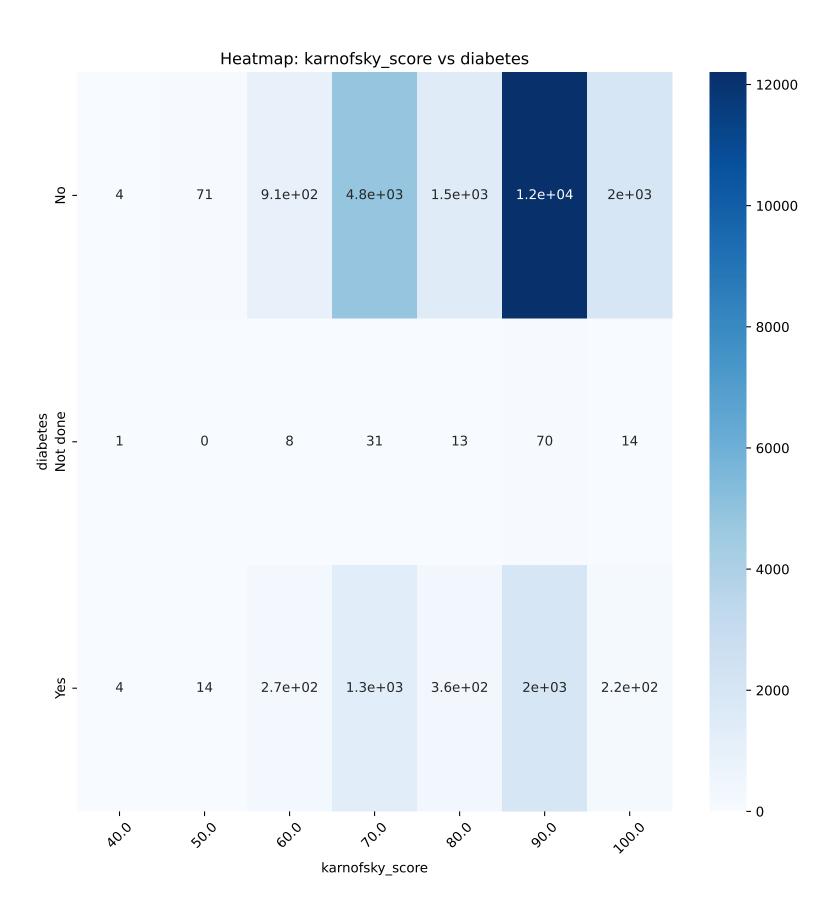




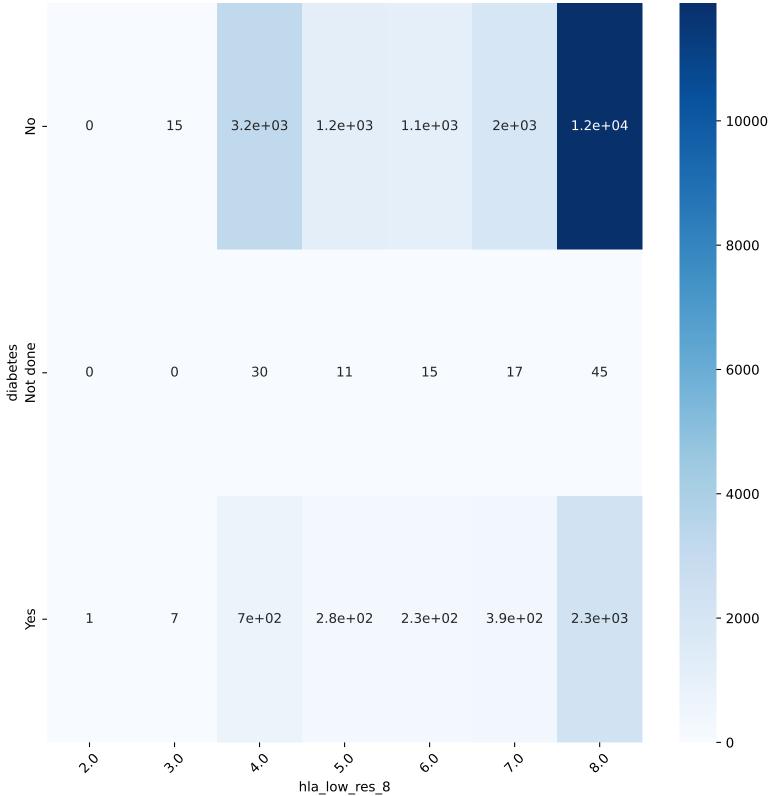


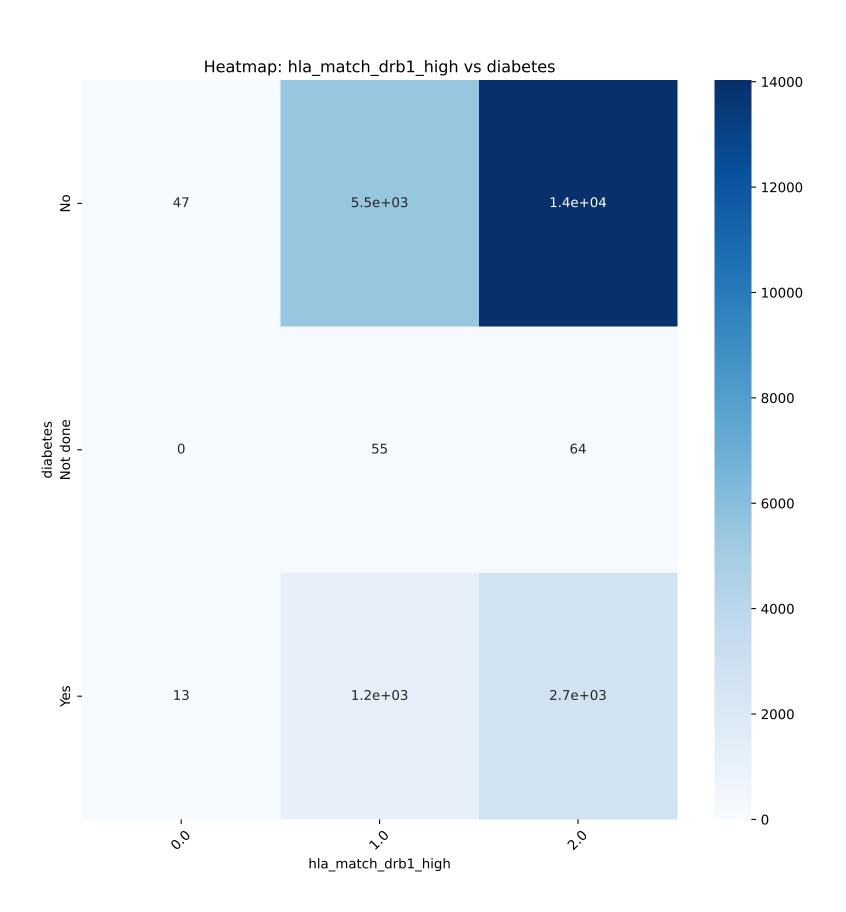




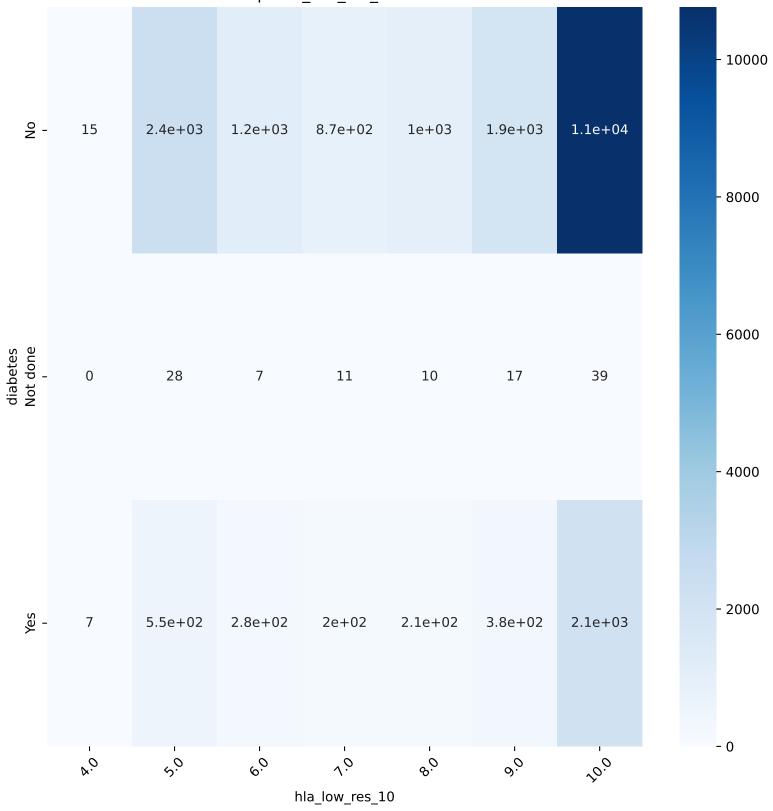


Heatmap: hla\_low\_res\_8 vs diabetes





Heatmap: hla\_low\_res\_10 vs diabetes



Heatmap: hla\_match\_c\_high vs tbi\_status

			<del>_</del>	
No TBI -	47	2.1e+03	1.4e+04	- 12000
BI + Cy +- Other -	13	2.3e+03	2.8e+03	
:Gy, fractionated -	0	29	71	- 10000
ther, -cGy, single -	1	34	69	- 8000
y, unknown dose -	2	25	35	- 6000
+- Other, <=cGy -	8	3.4e+02	1.2e+03	- 4000
l +- Other, >cGy -	7	7e+02	7.7e+02	- 2000
r, unknown dose -	1	26	37	
	0,0	رٰہِ hla_match_c_high	2.0	- 0

Heatmap: hla\_high\_res\_8 vs tbi\_status

No TBI -	2	12	1.2e+03	7.7e+02	8.6e+02	1.5e+03	1.1e+04	- 10000
BI + Cy +- Other -	0	10	1.8e+03	5.2e+02	4.1e+02	5.4e+02	1.6e+03	- 8000
:Gy, fractionated -	0	0	15	10	11	12	46	- 8000
:her, -cGy, single -	0	0	28	8	8	7	40	- 6000
y, unknown dose -	0	1	20	6	2	9	19	4000
+- Other, <=cGy -	0	1	2.3e+02	1.3e+02	1e+02	1.9e+02	8.1e+02	- 4000
l +- Other, >cGy -	0	4	5.3e+02	1.9e+02	1.3e+02	1.6e+02	3.8e+02	- 2000
r, unknown dose -	0	0	19	9	6	7	20	
	2.0	3.0	». h	တွ <sup>်</sup> nla_high_res_	8	10	8.0	- 0

Heatmap: hla\_low\_res\_6 vs tbi\_status

		riedtillap. i	11a_10w_163_0 vs	s tbi_status			
No TBI -	10	1.7e+03	1.1e+03	1.7e+03	1.2e+04	- 1200	0
BI + Cy +- Other -	6	2.2e+03	6e+02	6.8e+02	2e+03	- 1000	0
:Gy, fractionated –	0	23	13	18	49	- 8000	)
:her, -cGy, single -	0	31	13	15	49	6000	
y, unknown dose -	0	25	9	7	23	- 6000	
+- Other, <=cGy -	1	3.1e+02	1.4e+02	2.2e+02	9.6e+02	- 4000	ļ
l +- Other, >cGy -	5	6.3e+02	2.2e+02	2e+02	4.8e+02	- 2000	)
r, unknown dose -	0	22	10	6	29		
	2.0	3.0	ہٰہٰ hla_low_res_6	8,0	6.0	- 0	

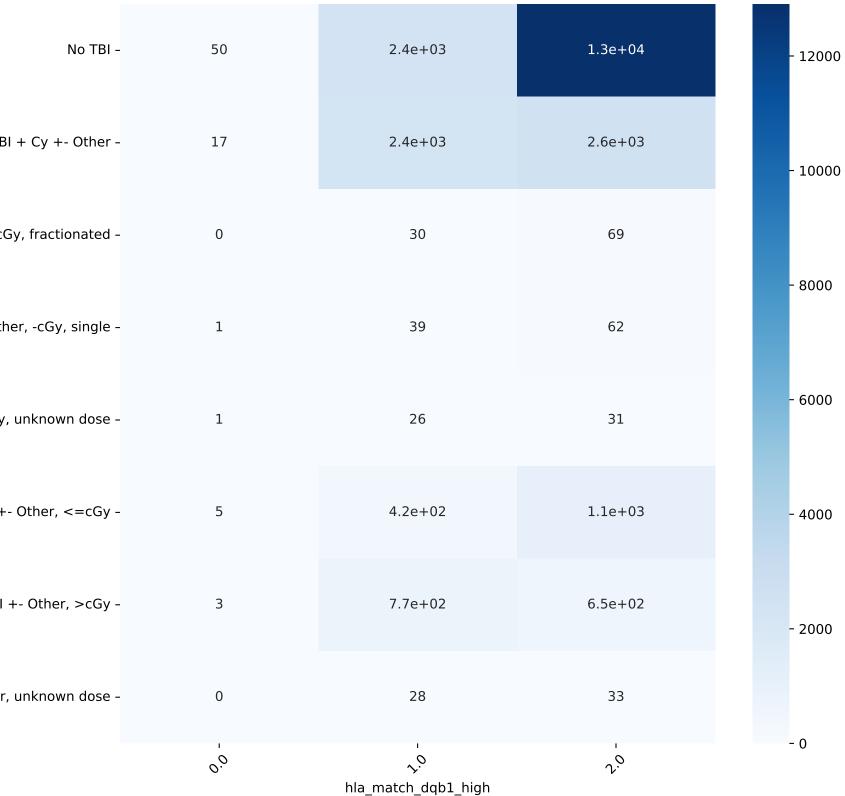
Heatmap: hla\_high\_res\_6 vs tbi\_status

No TBI -	1	20	1.6e+03	1.1e+03	1.6e+03	1.1e+04	- 10000
BI + Cy +- Other -	0	11	2e+03	6.1e+02	6.4e+02	1.7e+03	
:Gy, fractionated -	0	0	17	16	16	46	- 8000
:her, -cGy, single -	0	0	32	13	9	41	- 6000
y, unknown dose -	0	0	24	5	8	20	
+- Other, <=cGy -	0	4	2.9e+02	1.4e+02	2.2e+02	8.3e+02	- 4000
l +- Other, >cGy -	0	8	6.1e+02	2.1e+02	1.8e+02	4e+02	- 2000
r, unknown dose -	0	0	22	10	10	21	
	0.0	2.0	၇ <sup>'</sup> ့ hla_higl	, n_res_6	80	6.0	- 0

Heatmap: hla\_high\_res\_10 vs tbi\_status

No TBI -	1	9	9.6e+02	5.8e+02	6.4e+02	7.7e+02	1.5e+03	9.7e+03		
BI + Cy +- Other -	0	11	1.5e+03	4.8e+02	3.2e+02	3.2e+02	5e+02	1.3e+03	-	- 8000
:Gy, fractionated -	0	0	11	8	10	7	10	44		
:her, -cGy, single -	0	0	24	9	4	7	11	32		6000
y, unknown dose -	0	1	17	5	3	2	10	14		4000
+- Other, <=cGy -	0	0	1.9e+02	1e+02	84	1e+02	1.8e+02	7.3e+02		
l +- Other, >cGy -	0	4	4.7e+02	1.6e+02	1.2e+02	1e+02	1.4e+02	3.2e+02	_	2000
r, unknown dose -	0	0	13	12	3	6	6	16		
	3.0	, O	\$.0	6. hla_high	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	8,0	90	20,0		· 0

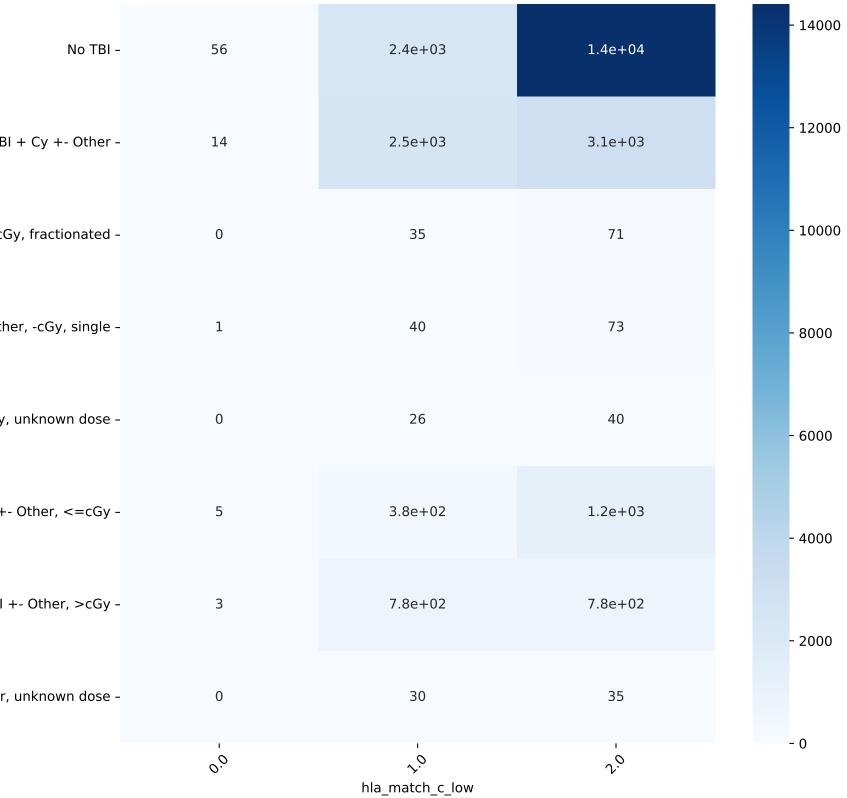
Heatmap: hla\_match\_dqb1\_high vs tbi\_status



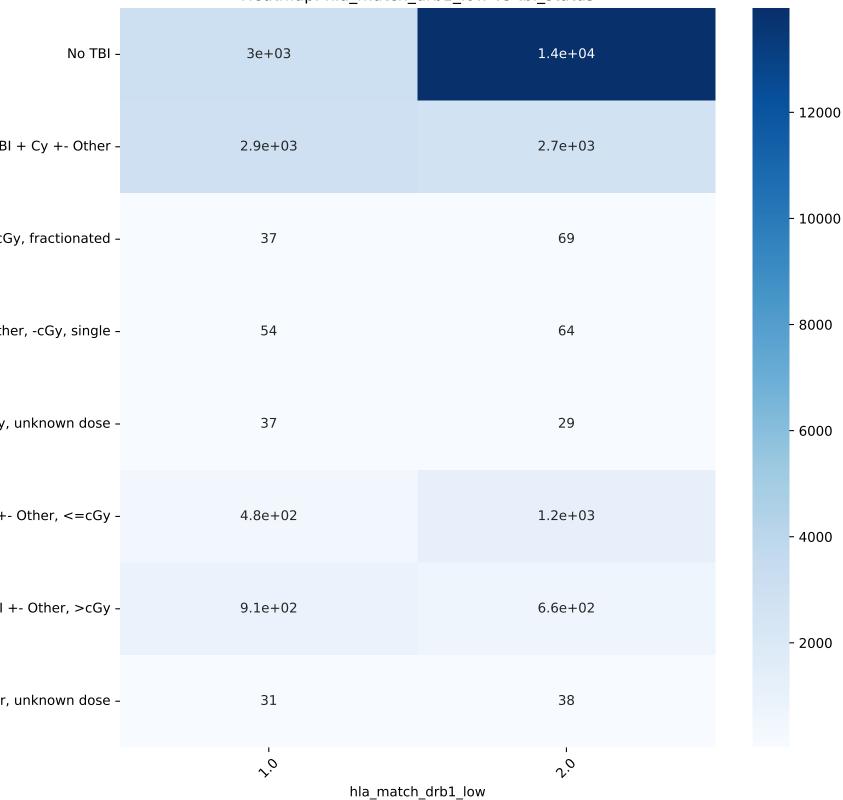
Heatmap: hla\_nmdp\_6 vs tbi\_status

		•		_		
No TBI -	18	1.7e+03	5.5e+02	2e+03	1.2e+04	
BI + Cy +- Other -	6	2.1e+03	4.5e+02	8.1e+02	1.9e+03	- 10000
:Gy, fractionated -	0	25	9	18	48	- 8000
:her, -cGy, single -	1	33	10	12	45	- 6000
y, unknown dose -	0	24	6	7	23	
+- Other, <=cGy -	2	3.2e+02	63	2.8e+02	9e+02	- 4000
I +- Other, >cGy -	8	6e+02	1.9e+02	2.1e+02	4.6e+02	- 2000
r, unknown dose -	0	24	5	9	23	
	2.0	3.0	hla_nmdp_6	8.0	6.0	- 0

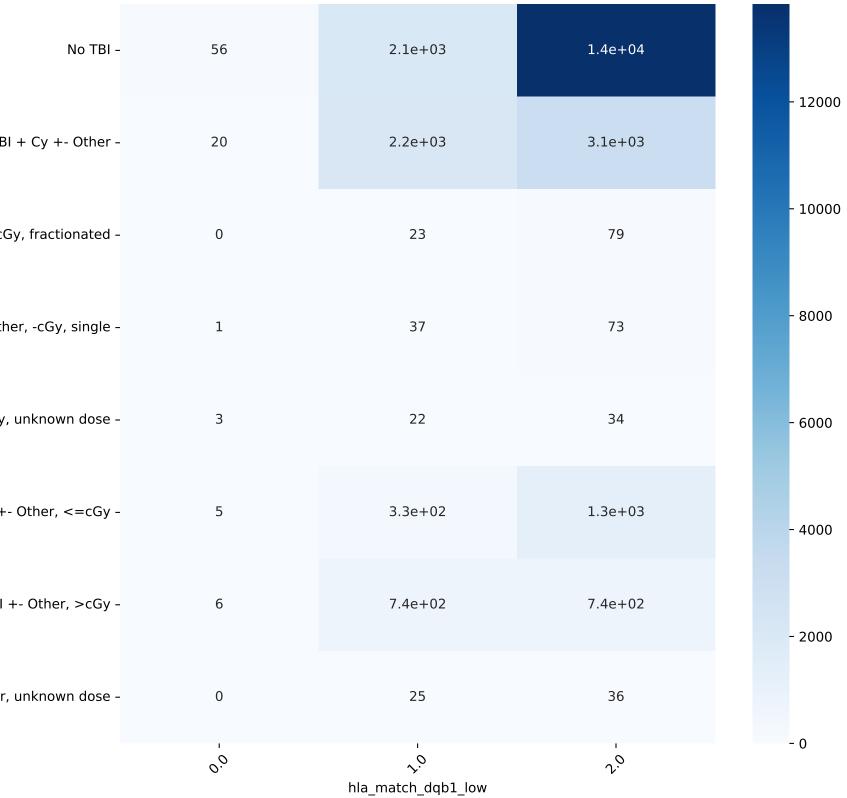
Heatmap: hla\_match\_c\_low vs tbi\_status



Heatmap: hla\_match\_drb1\_low vs tbi\_status



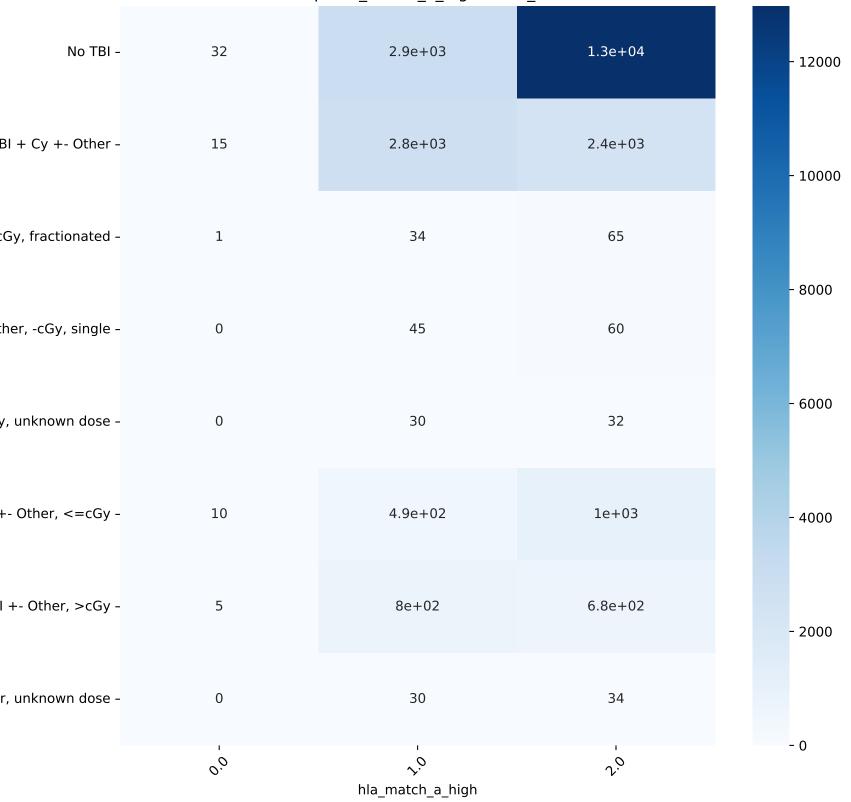
Heatmap: hla\_match\_dqb1\_low vs tbi\_status



Heatmap: year\_hct vs tbi\_status

No TBI 🖁	5e+0 <del>3</del>	34e+022	.7e+04	24e+01	21e+0	B3e+08	.1e+0	125e+0	34e+0	33e+034	l.5e+0	.9e+02	3		4000
BI + Cy +- Other €	5.5e+02	<b>1</b> e+02	71	97 2	2.9e+0	32.3e+012	.7e+0	¥2.4e+09	28e+01	21e+01	37e+013	36e+02	1		- 4000 - 3500
:Gy, fractionated -	. 8	0	1	1	6	7	3	14	17	21	34	7	0		- 3000
:her, -cGy, single -	- 11	3	3	3	4	10	7	7	32	20	28	6	0	-	- 2500
y, unknown dose -	- 5	2	2	3	3	4	1	5	14	9	25	6	0	_	- 2000
+- Other, <=cGy -	2e+02	31	20	35	66	1.1e+02	57	1.3e+02	29e+02	27e+04	27e+02	2 49	0		- 1500
l +- Other, >cGy∃	2e+02	2 23	13	24	52	67	46	1e+02	.6e+Œ	28e+05	26e+02	2 48	0		- 1000
r, unknown dose -	10	2	0	0	4	6	3	10	10	6	24	1	0	-	- 500
	2008	2009	2020	2017	2012	20 <sup>1,23</sup>	၂ ၁ <sup>၇</sup> ် ear_ho	zois ct	2016	2017	2018	20,00	2020		- 0

Heatmap: hla\_match\_a\_high vs tbi\_status



## Heatmap: donor age vs tbi status

Heatmap: donor_age vs tbi_status	
No TB1.44@@@@@@@@\$	- 700
BI + Cy +- Other -618 <b>5.2518.00.22.00.200.200.200.200.200.200.200.2</b>	- 600
:Gy, fractionated -000214633232111201232311243431444312301102316213232110100000000000	- 500
ther, -cGy, single -010136558311503233024131112314233110110641543442430101000000000000	- 400
y, unknown dose -110210622055010412212121110100211120311202110321021100000000	- 300
+- Other, <=cGy -3 <b>ቧ326566396438050262330238650262300042023235339284113</b> 5942310110000	- 200
I +- Other, >cGy -27 <b>1242986534428036544365403928246196938212222299823843</b> 086322131200000	- 100
r, unknown dose -00033112242204112012150121311132300031110111011110010000200000000	- 0

donor\_age

Heatmap: hla\_match\_b\_low vs tbi\_status

			<del>_</del>	
No TBI -	44	3e+03	1.4e+04	
Bl + Cy +- Other -	12	2.8e+03	2.9e+03	- 1200
:Gy, fractionated -	0	39	68	- 1000
ther, -cGy, single -	0	44	72	- 8000
y, unknown dose -	0	33	34	- 6000
+- Other, <=cGy -	1	4.7e+02	1.2e+03	- 4000
l +- Other, >cGy -	7	8.3e+02	7.3e+02	- 2000
r, unknown dose -	0	31	39	
	0.0	ہٰہٰ hla_match_b_low	2.0	- 0

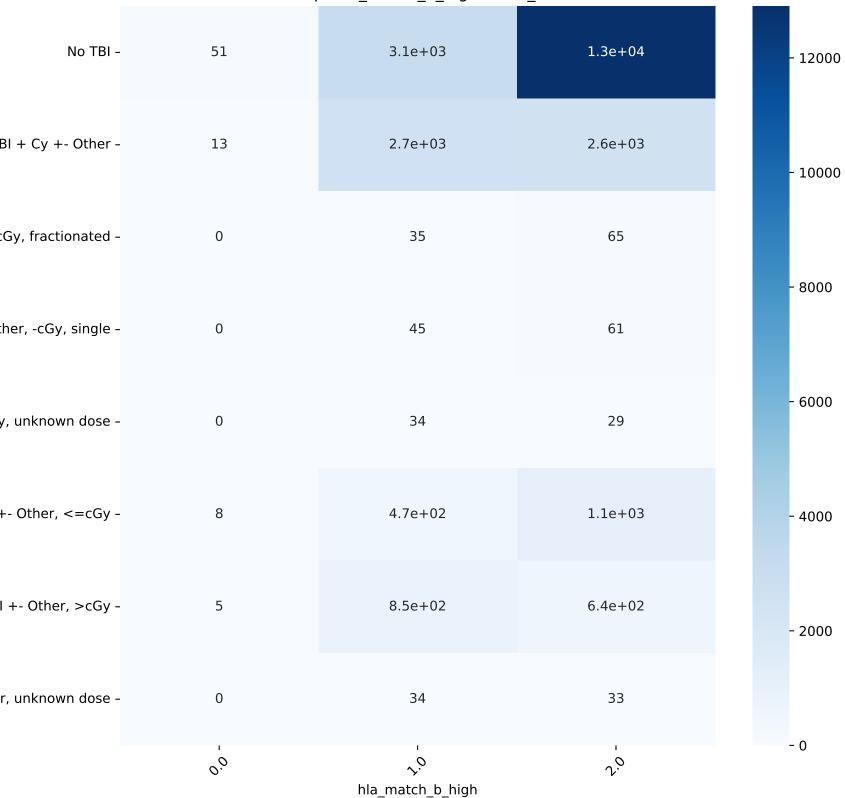
## Heatmap: age\_at\_hct vs tbi\_status

No T1335 24-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
BI + Cy +- Other8e <del>8988</del> 644548 <b>292e+08236335325429395848980000000</b> 8822538988448549 <b>0000</b> 882521	- 800
:Gy, fractionated -532010002111200121010110001140001231533415212210122232233431132252221301000	- 600
ther, -cGy, single -351001101221322131131220000000201232382540300110132103533122120636343320000	
y, unknown dose -220301101001210141021100000100101004242130400311002011220131001135200100100	- 400
+- Other, <=cGy 3881310131139445803230874165661018168254833257155498322356499223566769822157401	
l +- Other, >cGy 공 <b>5920571808280266</b> 3838381474169&2 <b>23849685월50334466780988829286224228587880</b> 731000	- 200
r, unknown dose -220102020000420121001210210000203102250012220001101113133000011331310000000	
၀.၇. %. စ. စ. ၃၀.၇.၃ % ၄၀.၃ ၅၀.၃ ၅၀.၃ ၅၀.၃ ၅၀.၃ ၅၀.၃ ၅၀.၃ ၅၀.၃ ၅	- 0

Heatmap: hla\_match\_a\_low vs tbi\_status

			<del>_</del>	
No TBI -	28	3.1e+03	1.4e+04	
BI + Cy +- Other -	12	3e+03	2.7e+03	- 12000
:Gy, fractionated -	0	40	66	- 10000
:her, -cGy, single -	1	48	67	- 8000
y, unknown dose -	2	34	34	- 6000
+- Other, <=cGy -	1	5.1e+02	1.1e+03	- 4000
l +- Other, >cGy -	4	8.3e+02	7.5e+02	- 2000
r, unknown dose -	1	30	38	
	0,0	ہے۔ hla_match_a_low	2.0	- 0

Heatmap: hla\_match\_b\_high vs tbi\_status



Heatmap: comorbidity\_score vs tbi\_status

No TBI -	6.8e+03	3.3e+0 <b>3</b>	3.9e+03	1.6e+03	9.5e+0 <i>2</i> 8	.1e+02	4.8e+02	- 3.4e+02	22e+02	1.3e+02	54	
BI + Cy +- Other -	2.5e+03	9.9e+02	L.2e+03	4.8e+02	2.4e+0 <i>2</i> 2	.2e+02	1.4e+02	84	48	35	8	- 6000
:Gy, fractionated -	- 36	22	28	9	6	5	4	3	0	1	0	- 5000
her, -cGy, single -	- 44	19	24	18	5	10	3	5	3	1	0	- 4000
y, unknown dose -	- 27	11	18	6	2	8	1	0	2	2	0	- 3000
+- Other, <=cGy -	6.1e+02	2.4e+02	3.3e+02	1.8e+02	1e+02	89	51	39	27	17	6	- 2000
l +- Other, >cGy -	6.5e+02	2.6e+02 <del>-</del>	3.8e+02	1.7e+02	87	76	30	16	14	3	4	- 1000
r, unknown dose -	- 28	13	12	9	2	3	0	1	1	1	4	
	0.0	~· •	2.0	3°	, comor	ې bidity_	6. score	7.0	80	90	20.0	- 0

Heatmap: karnofsky\_score vs tbi\_status

		1100	ciriap. Kari	iorsky_scor	C VS CDI_SC	acas			
No TBI -	8	65	8.7e+02	4.4e+03	1.2e+03	1e+04	1.5e+03	- 10000	
BI + Cy +- Other -	2	9	2.2e+02	1.3e+03	5.6e+02	3.2e+03	6.3e+02	- 8000	
:Gy, fractionated -	0	0	11	28	15	53	9		
:her, -cGy, single -	0	1	8	36	12	60	11	- 6000	
y, unknown dose -	0	0	5	18	4	37	11	- 4000	
+- Other, <=cGy -	0	9	1.2e+02	4.9e+02	1.5e+02	7.8e+02	1.3e+02		
l +- Other, >cGy -	0	6	52	3.6e+02	1.5e+02	9.6e+02	1.3e+02	- 2000	
r, unknown dose -	0	1	5	14	5	34	14		
	<sup>80</sup> ,0	50.0	60,0	100	80,0	000	200.0	- 0	
karnofsky_score									

Heatmap: hla\_low\_res\_8 vs tbi\_status

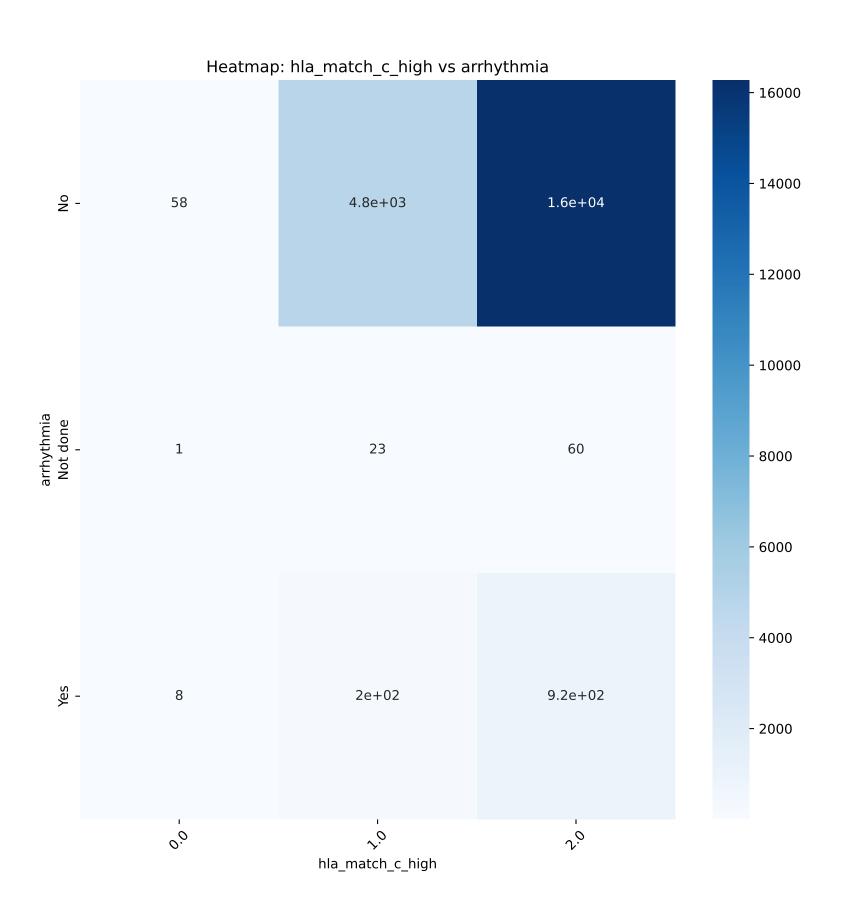
_			-		<del>-</del>			_		
No TBI -	1	13	1.4e+03	7.6e+02	8.4e+02	1.6e+03	1.2e+04			
BI + Cy +- Other -	0	6	2e+03	5.2e+02	4e+02	6.3e+02	1.9e+03		- 1000	0
:Gy, fractionated -	0	0	21	9	7	17	47		- 8000	
:her, -cGy, single -	0	0	29	8	9	13	46		- 6000	
y, unknown dose -	0	0	21	8	4	7	22			
+- Other, <=cGy -	0	1	2.6e+02	1.2e+02	97	2e+02	9.3e+02		- 4000	
l +- Other, >cGy -	0	3	5.7e+02	1.8e+02	1.3e+02	1.7e+02	4.6e+02		- 2000	
r, unknown dose –	0	0	21	6	5	8	24			
	ړ. د	3.	, , ,	ာla_low_res_8	6. 8	10	8.0		- 0	

Heatmap: hla\_match\_drb1\_high vs tbi\_status

	ricacinap.	ricatinap. ma_materi_arbi_mgn vs tbi_statas					
No TBI -	38	2.9e+03	1.4e+04	- 12000			
3I + Cy +- Other -	16	2.9e+03	2.6e+03				
Gy, fractionated -	0	39	61	- 10000			
her, -cGy, single -	2	50	59	- 8000			
/, unknown dose -	0	32	31	- 6000			
+- Other, <=cGy -	6	4.5e+02	1.1e+03	- 4000			
l +- Other, >cGy -	8	8.9e+02	6.2e+02	- 2000			
r, unknown dose -	1	31	32				
	0.0	رٰہِ hla_match_drb1_high	2.0	- 0			

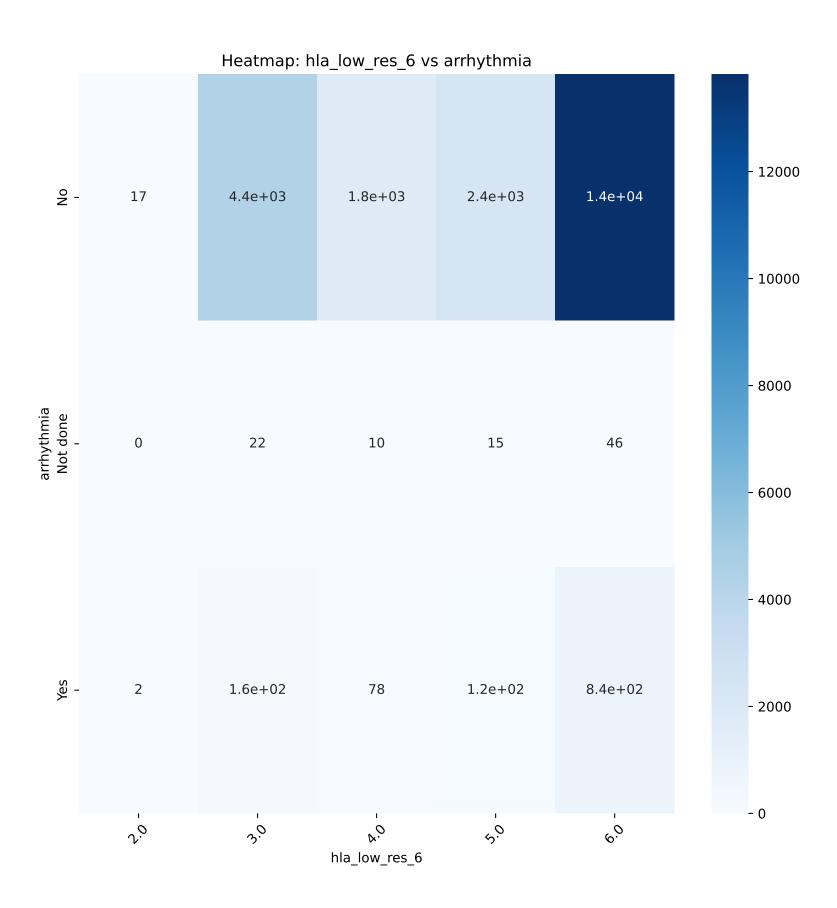
Heatmap: hla\_low\_res\_10 vs tbi\_status

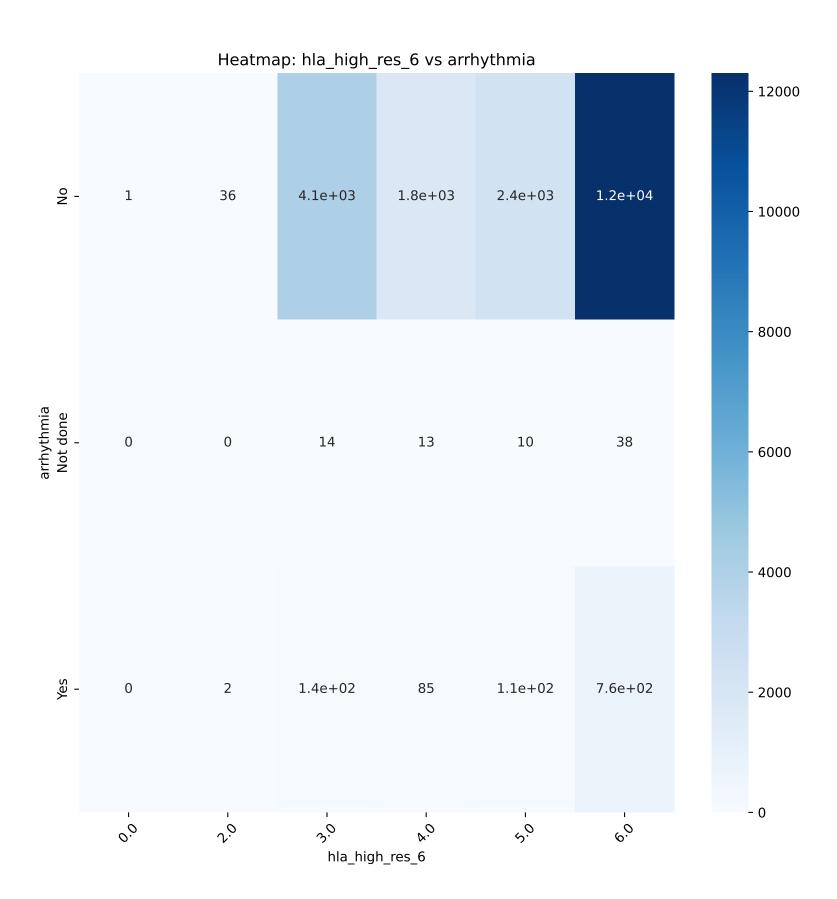
No TBI -	17	9.3e+02	7.2e+02	6e+02	7.9e+02	1.6e+03	1.1e+04		- 10000
BI + Cy +- Other -	5	1.6e+03	5.8e+02	3.5e+02	3.6e+02	5.7e+02	1.6e+03		2222
:Gy, fractionated –	0	13	11	4	8	16	44		- 8000
:her, -cGy, single -	0	21	13	6	9	9	44		- 6000
y, unknown dose –	0	18	4	9	2	4	19		- 4000
+- Other, <=cGy -	2	1.7e+02	1.3e+02	88	1e+02	2e+02	8.6e+02		- 4000
l +- Other, >cGy -	2	4.8e+02	2e+02	1.1e+02	1.1e+02	1.6e+02	3.8e+02		- 2000
r, unknown dose -	0	14	8	4	5	7	17		
hla_low_res_10									



Heatmap: hla\_high\_res\_8 vs arrhythmia ဍိ -- 10000 1.2e+04 2 24 3.4e+03 1.4e+03 1.3e+03 2.1e+03 8000 arrhythmia Not done ' 0 0 13 10 8 38 6000 - 4000 Yes -1 1.2e+02 63 54 1.1e+02 7.2e+02 - 2000 - 0 10 Þ. 0 60

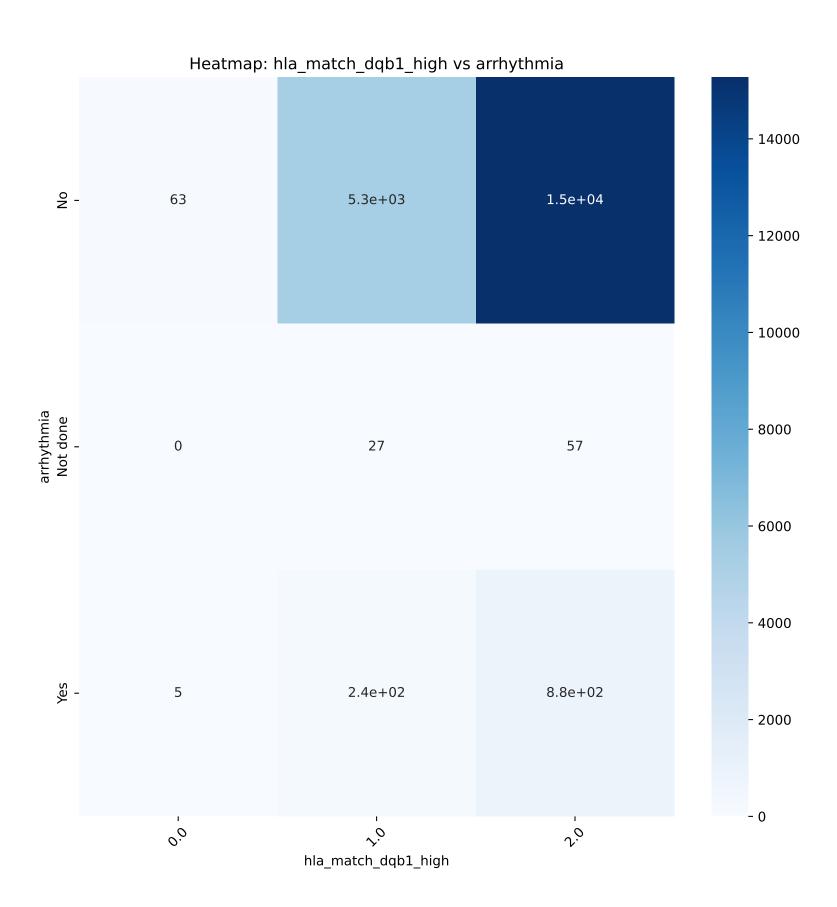
hla\_high\_res\_8

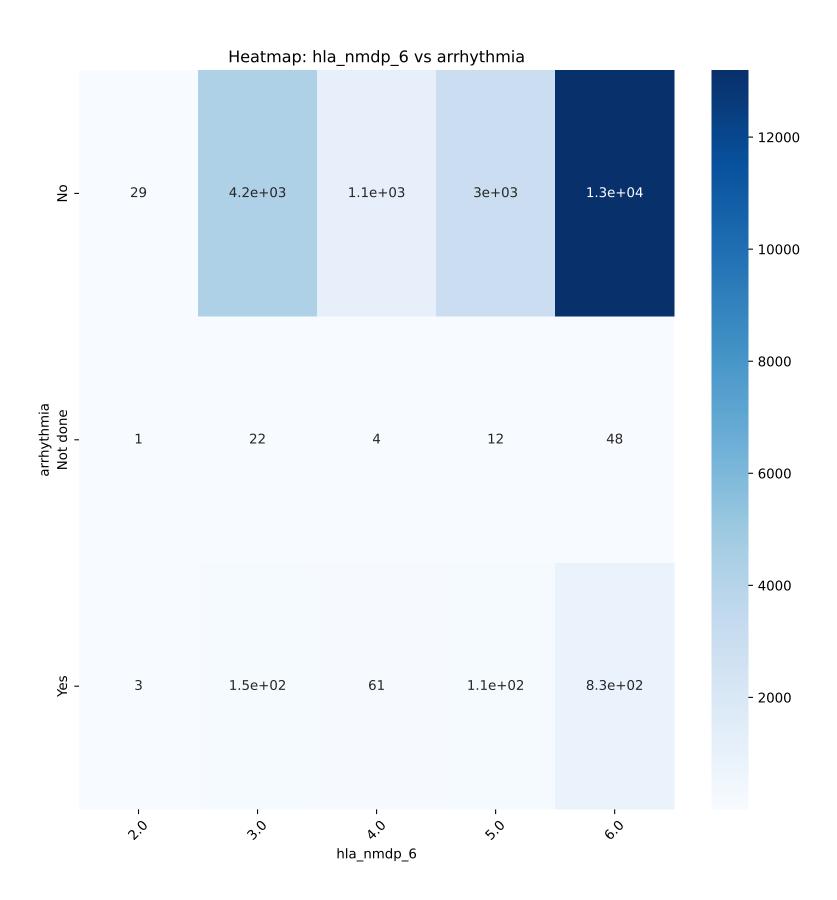


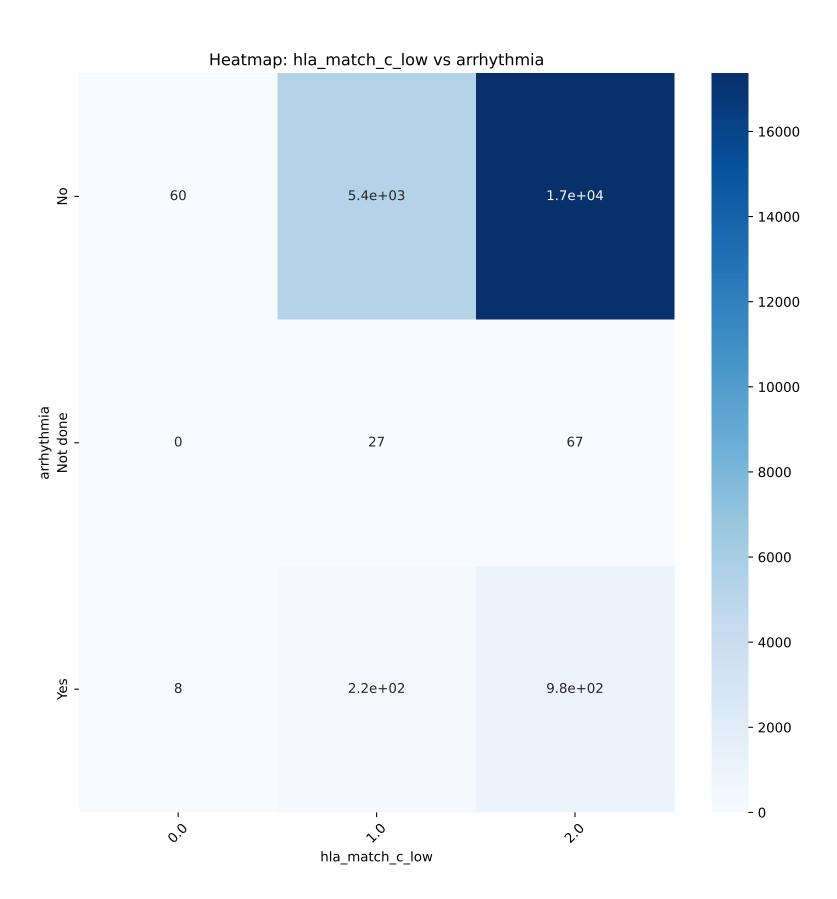


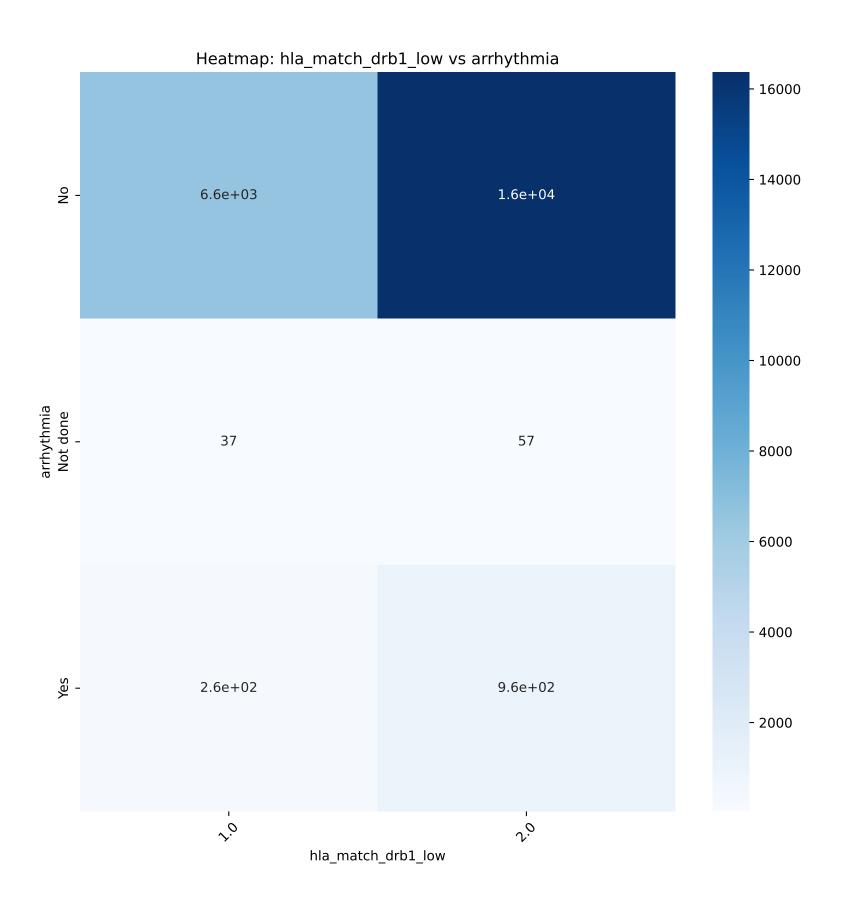
Heatmap: hla\_high\_res\_10 vs arrhythmia - 10000 ဍိ -2.8e+03 1.2e+03 1 20 1e+03 1.1e+03 2.1e+03 1.1e+04 8000 6000 arrhythmia Not done ' 11 8 4 5 7 34 0 - 4000 - 2000 Yes -1 63 51 1.1e+02 6.7e+02 93 39 - 0 10 8.0 \$. 0 °.

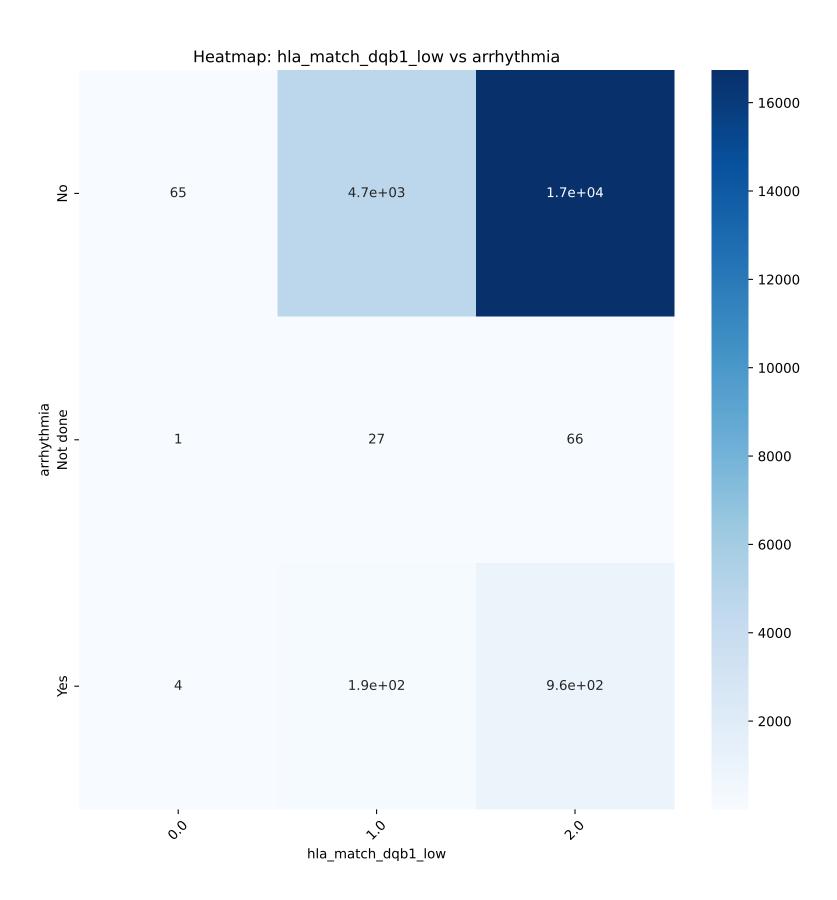
hla\_high\_res\_10

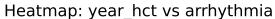


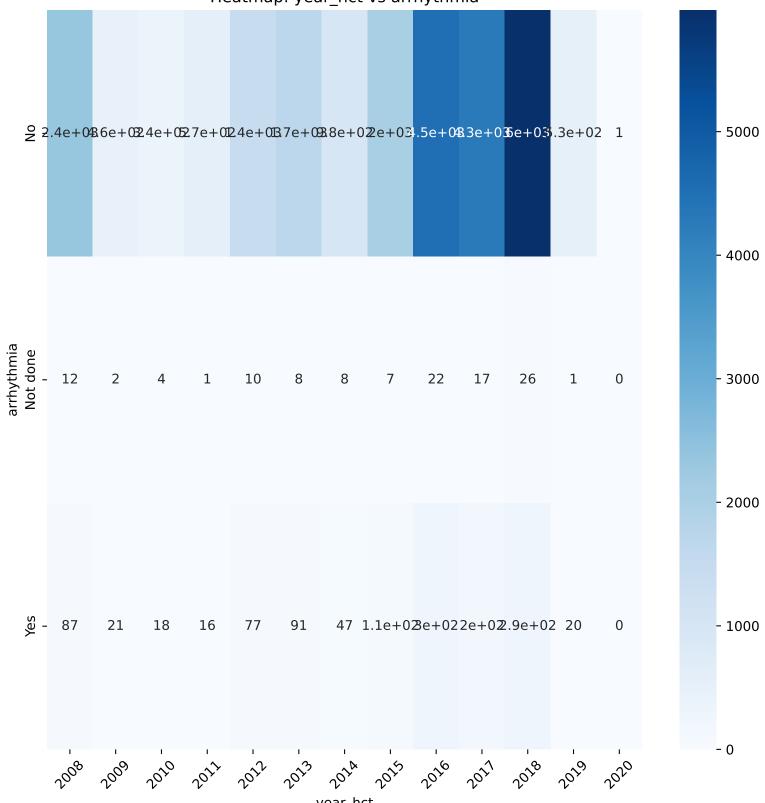


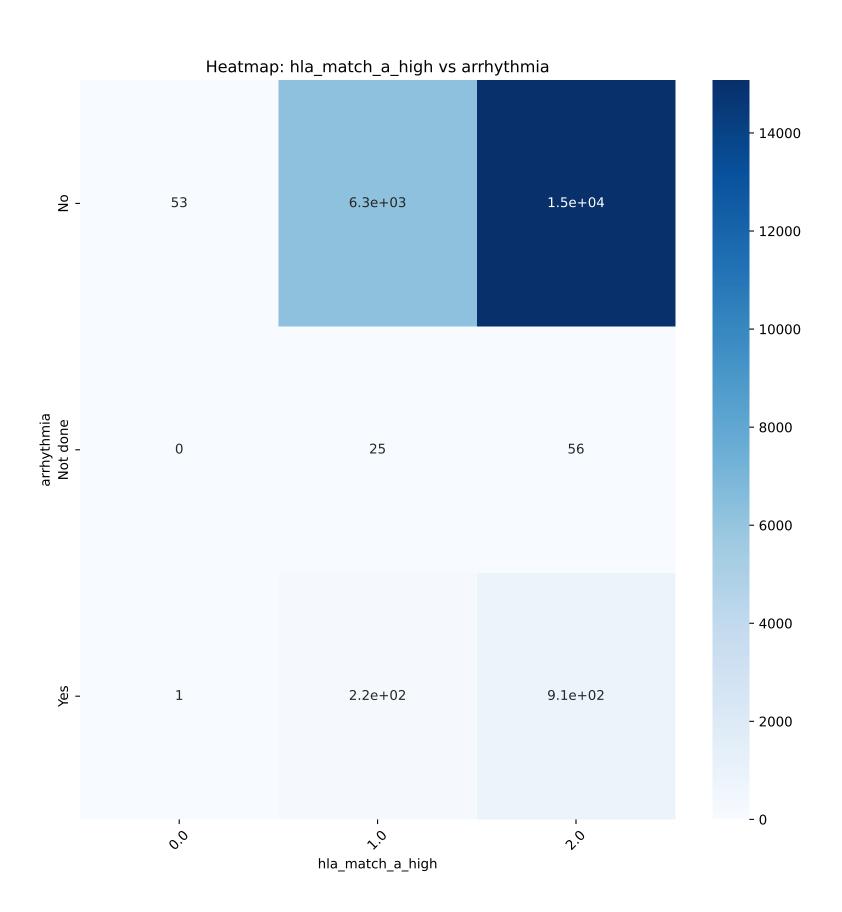




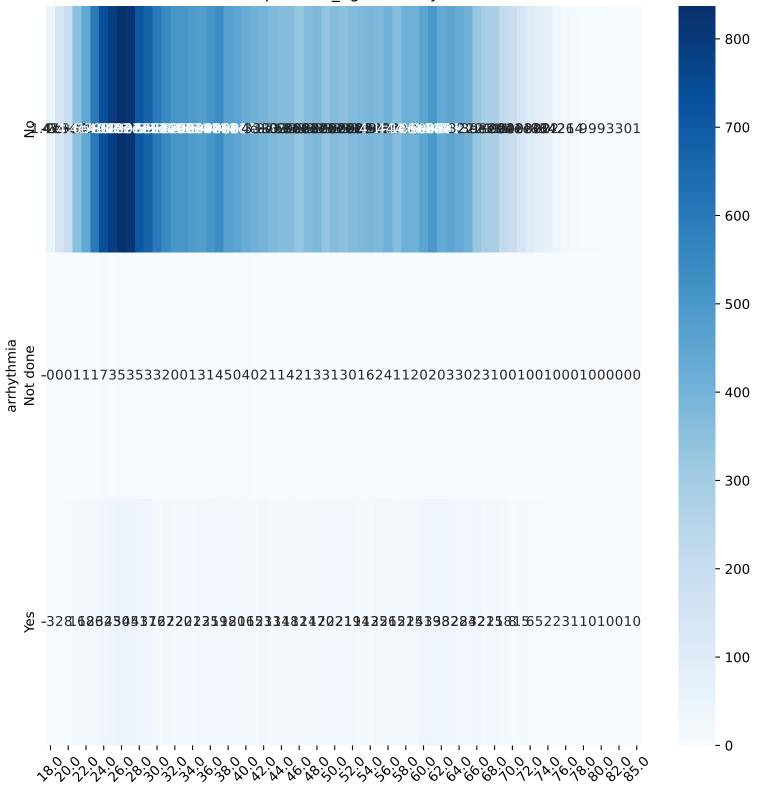


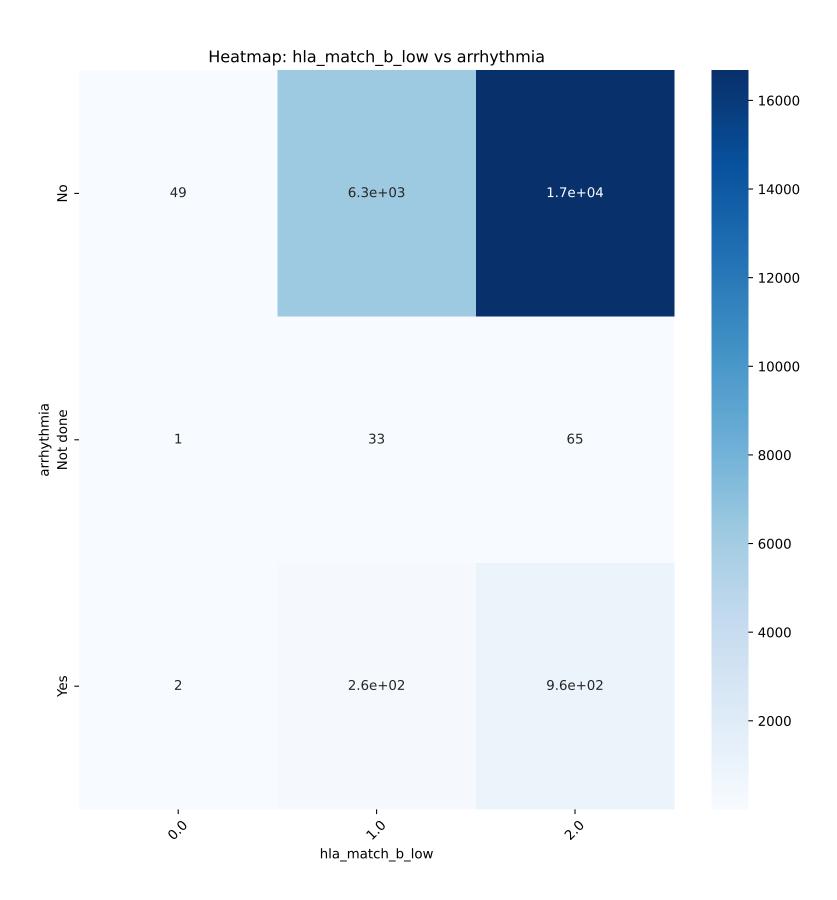


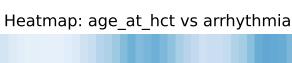


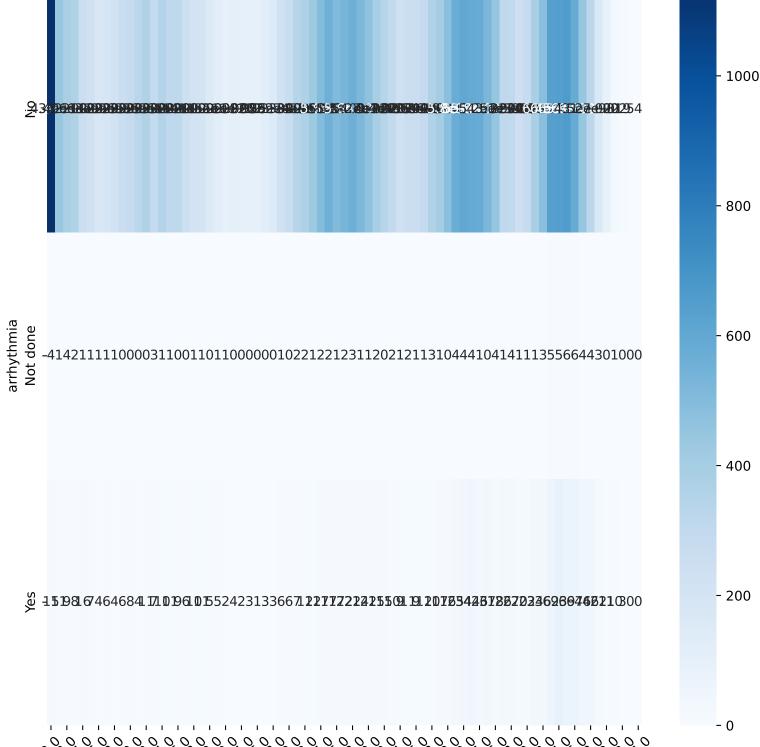


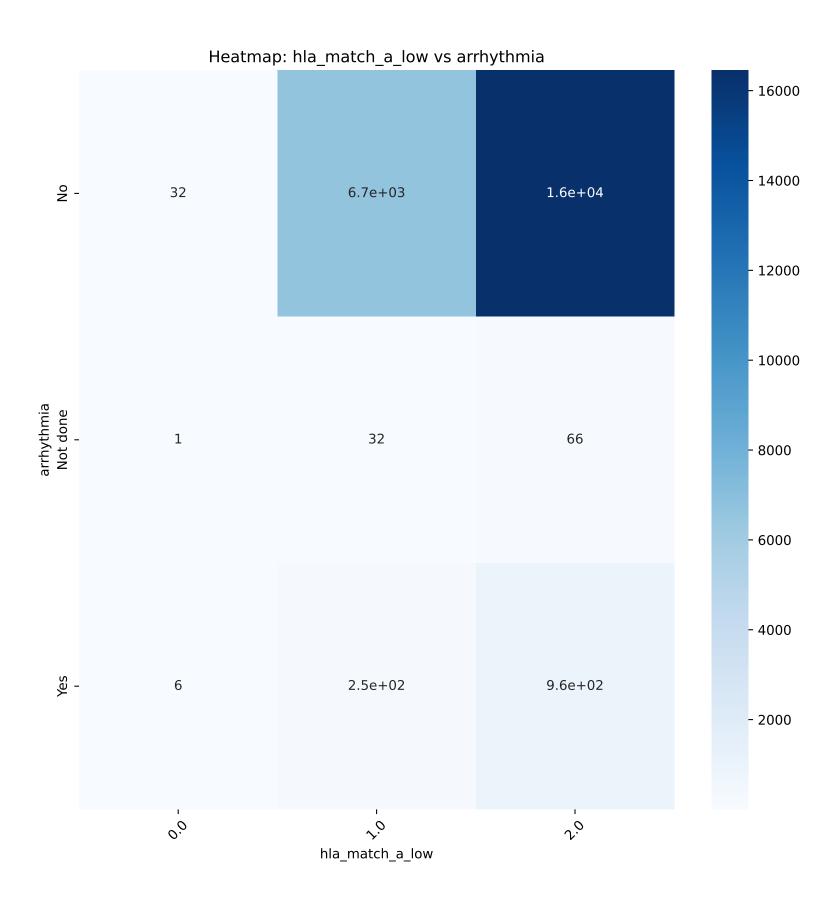
## Heatmap: donor\_age vs arrhythmia

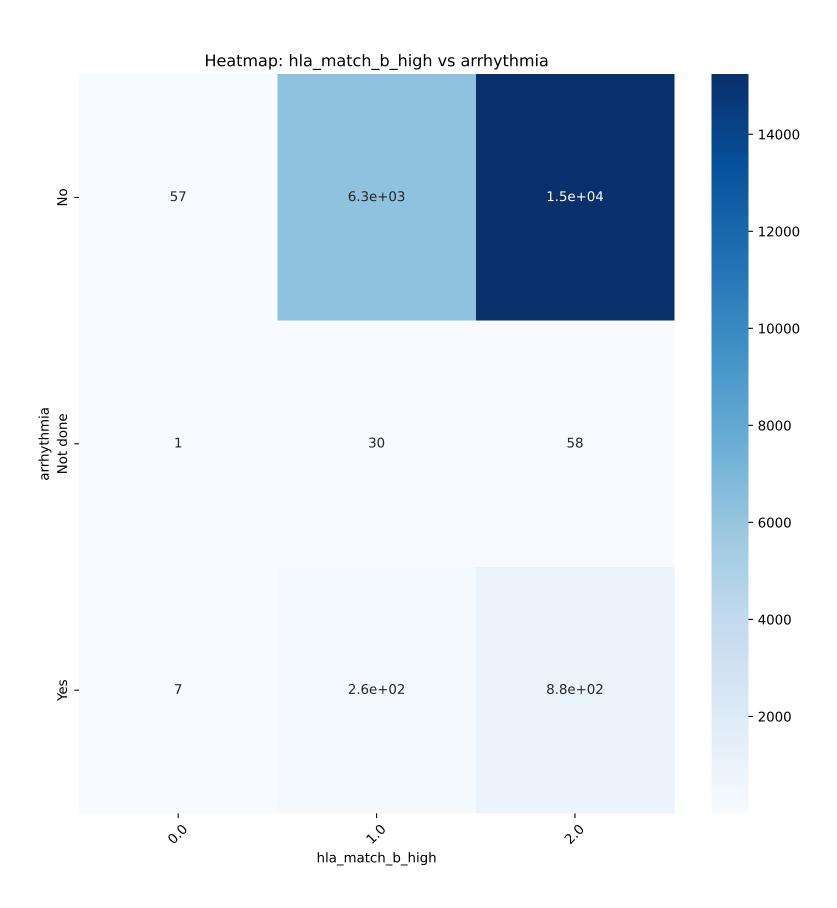


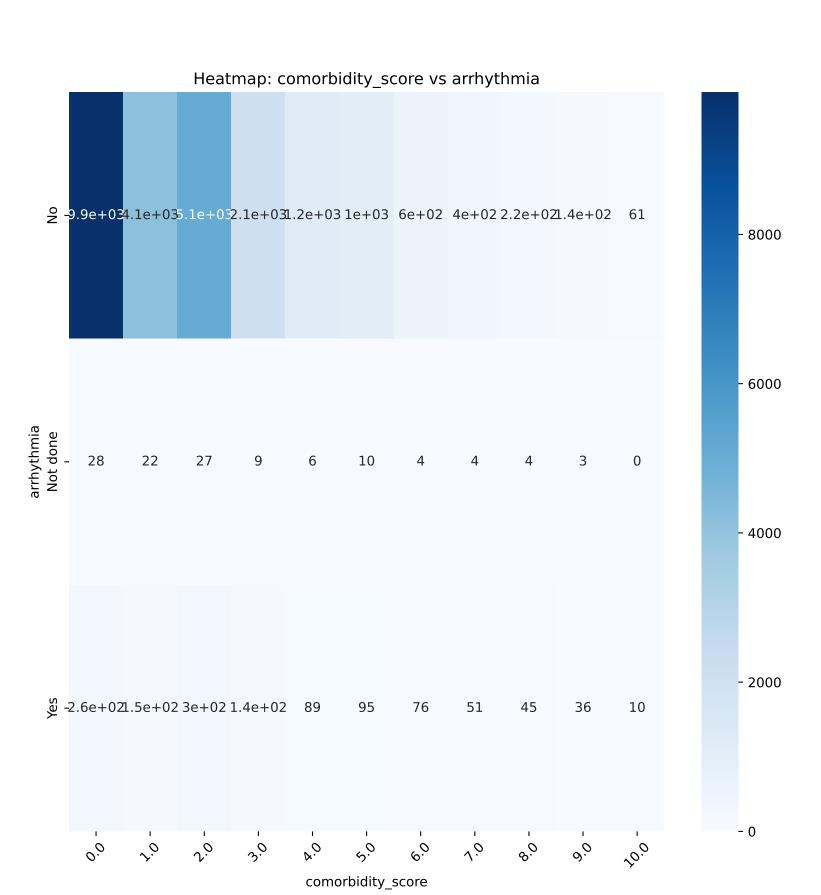


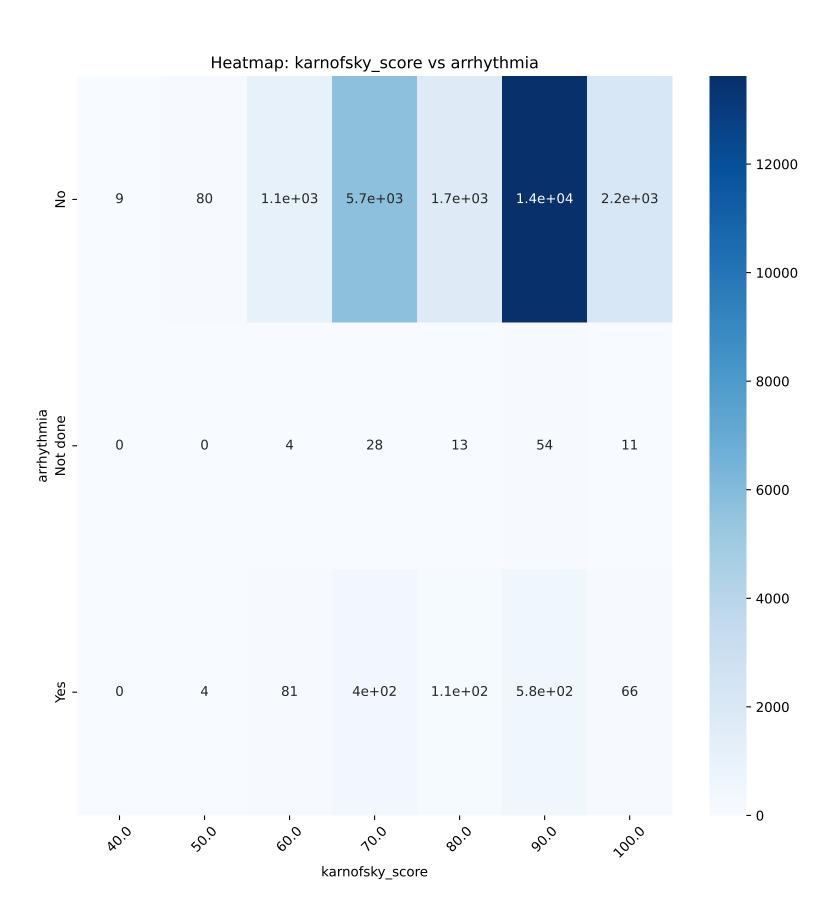




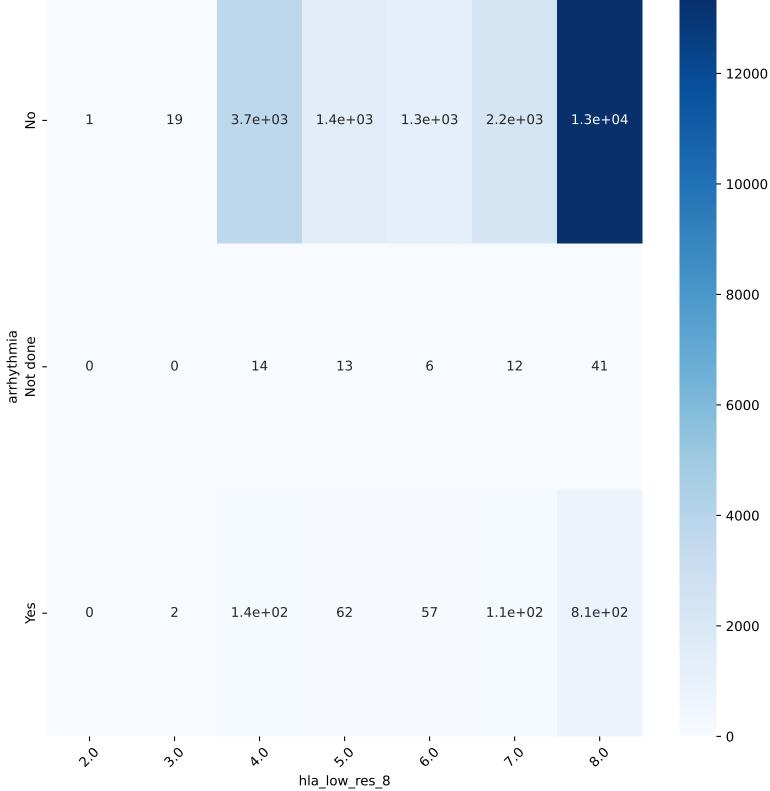


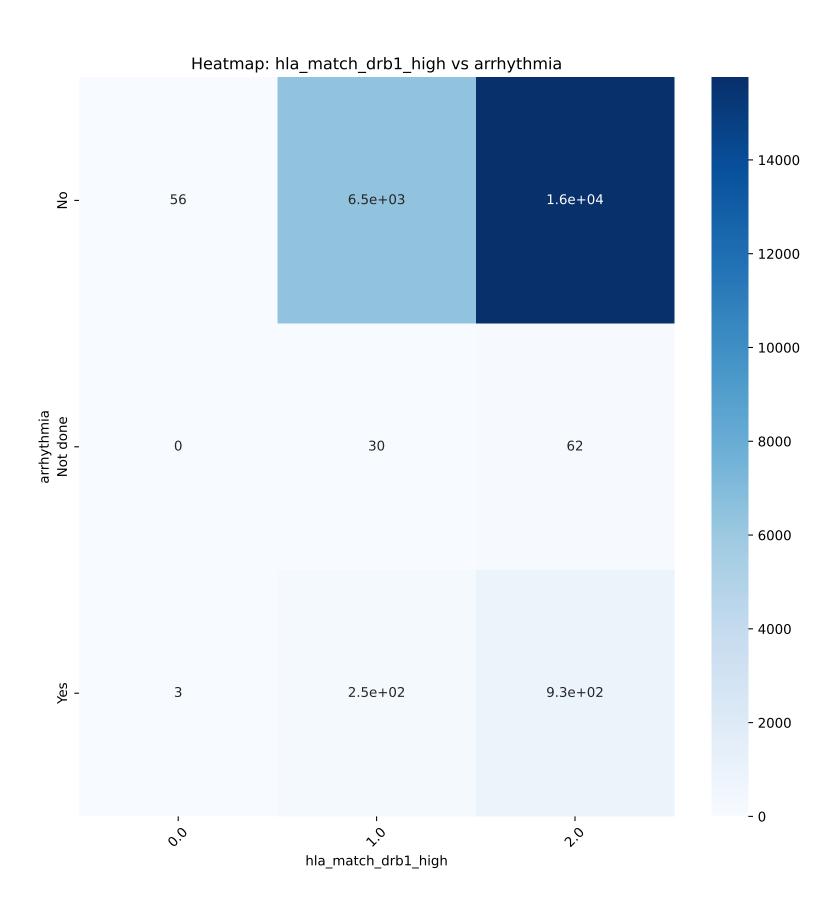


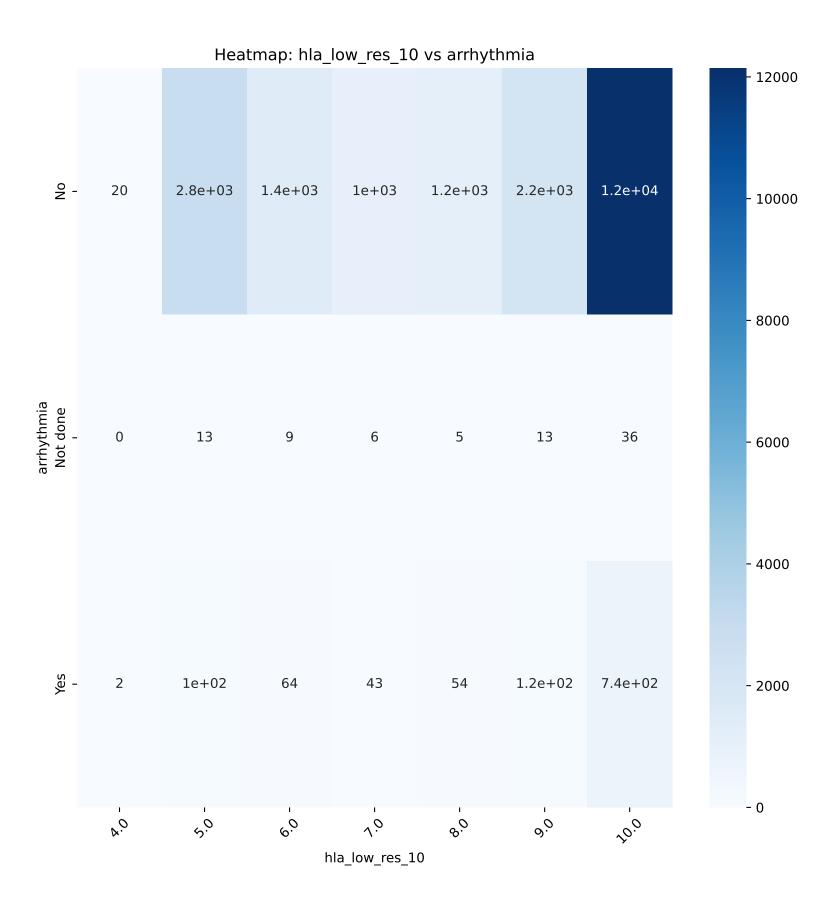


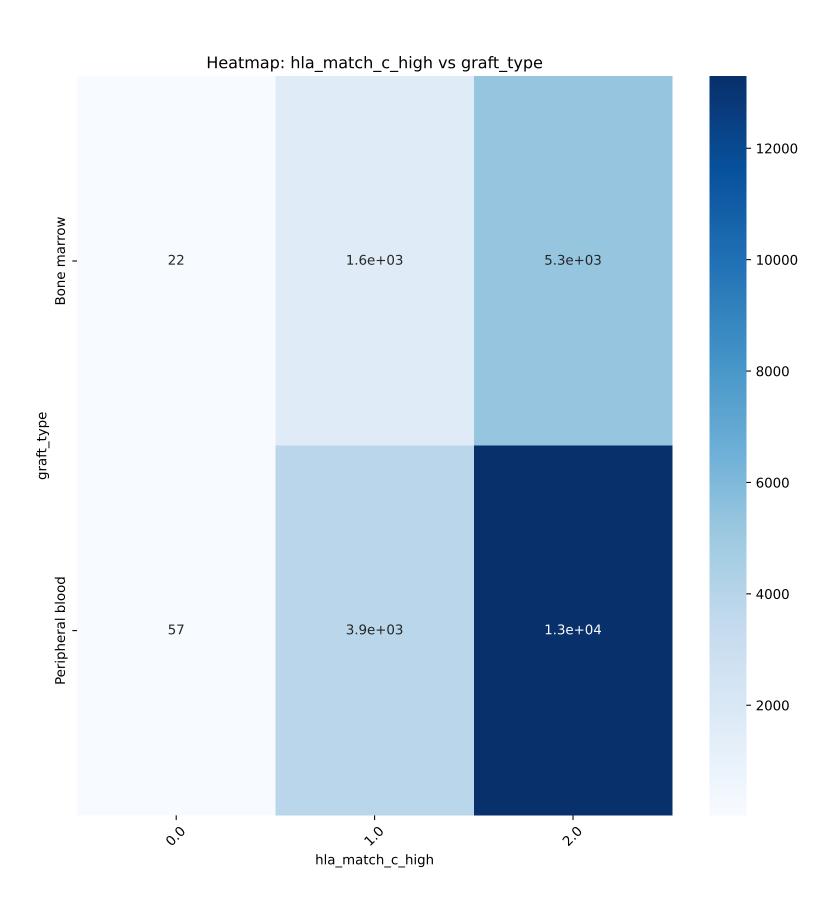


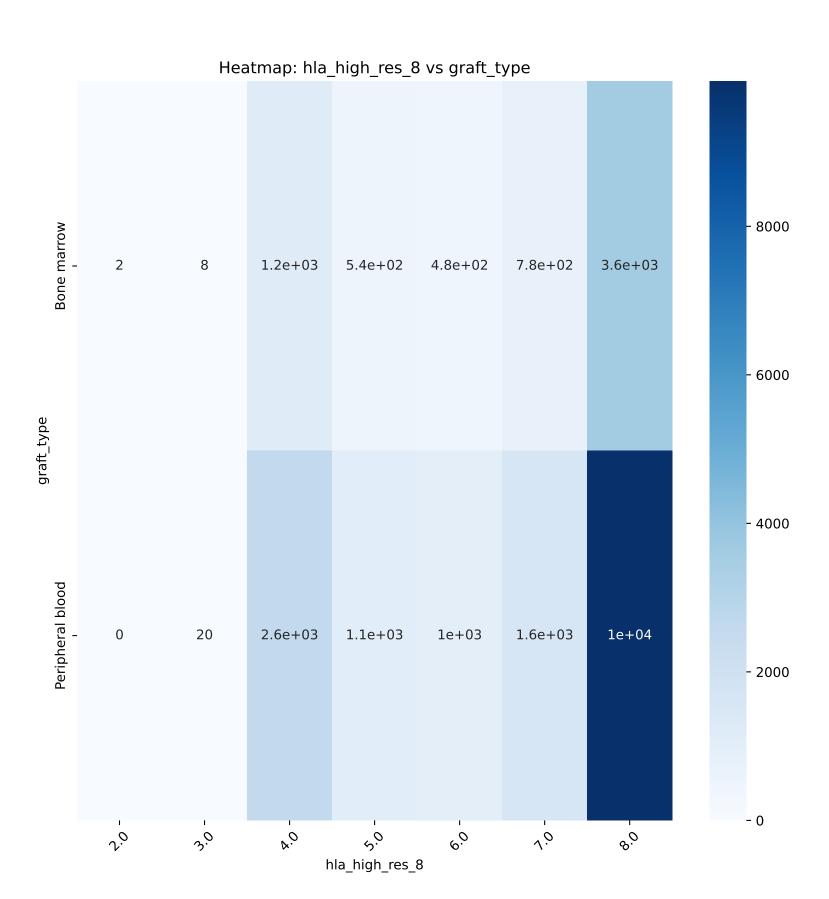
Heatmap: hla\_low\_res\_8 vs arrhythmia

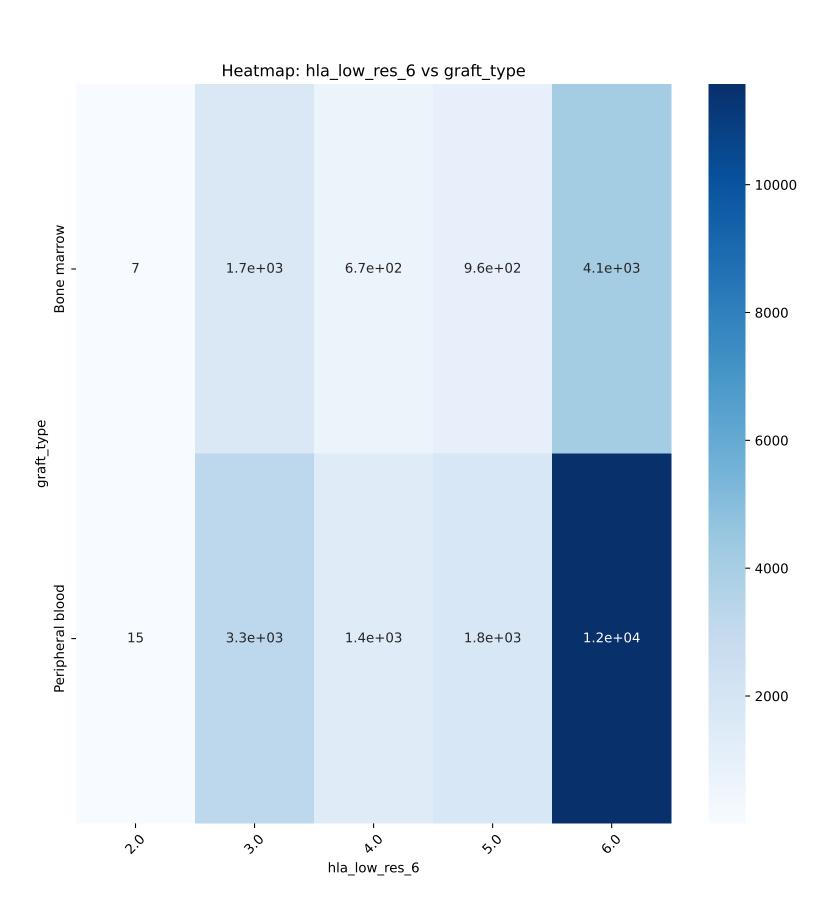


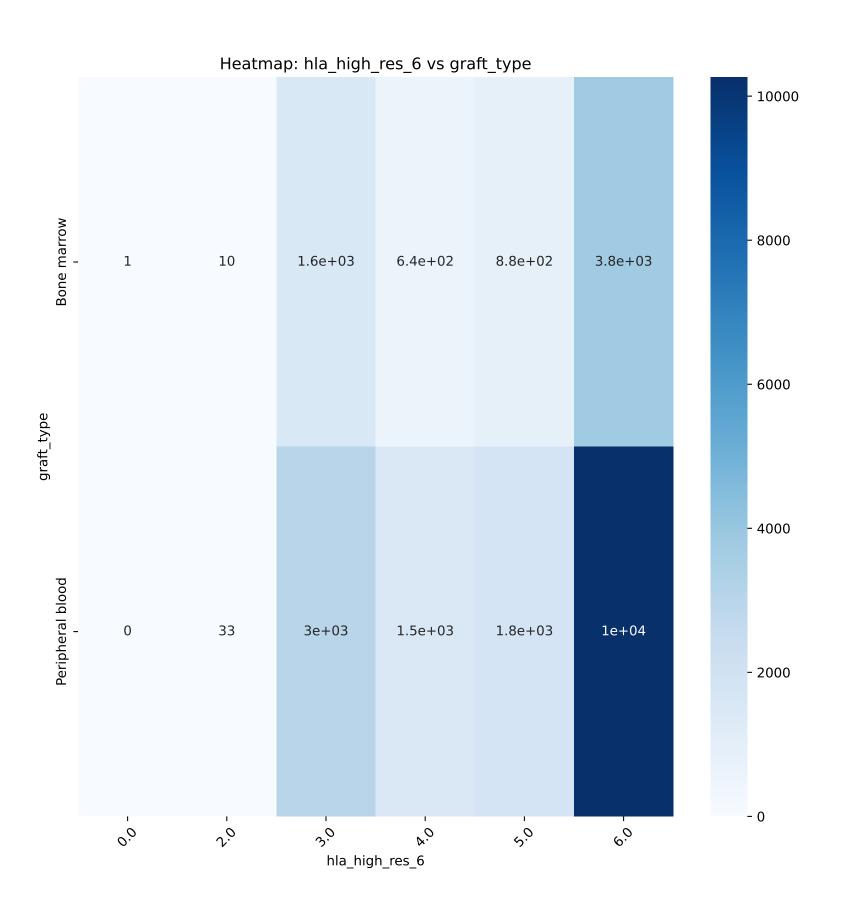










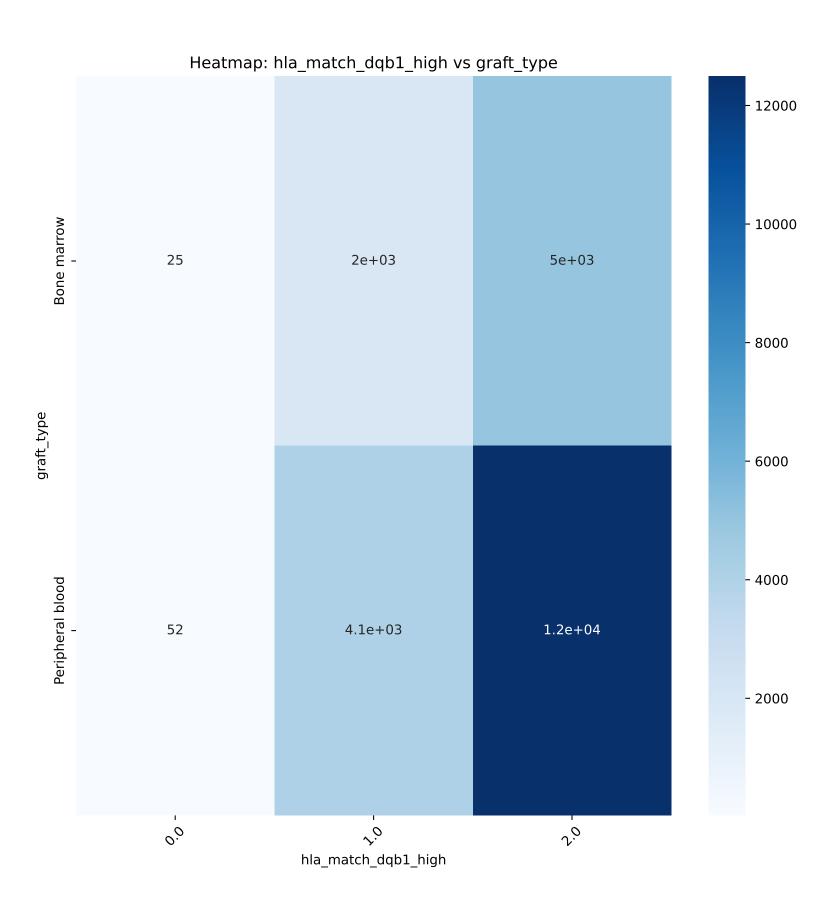


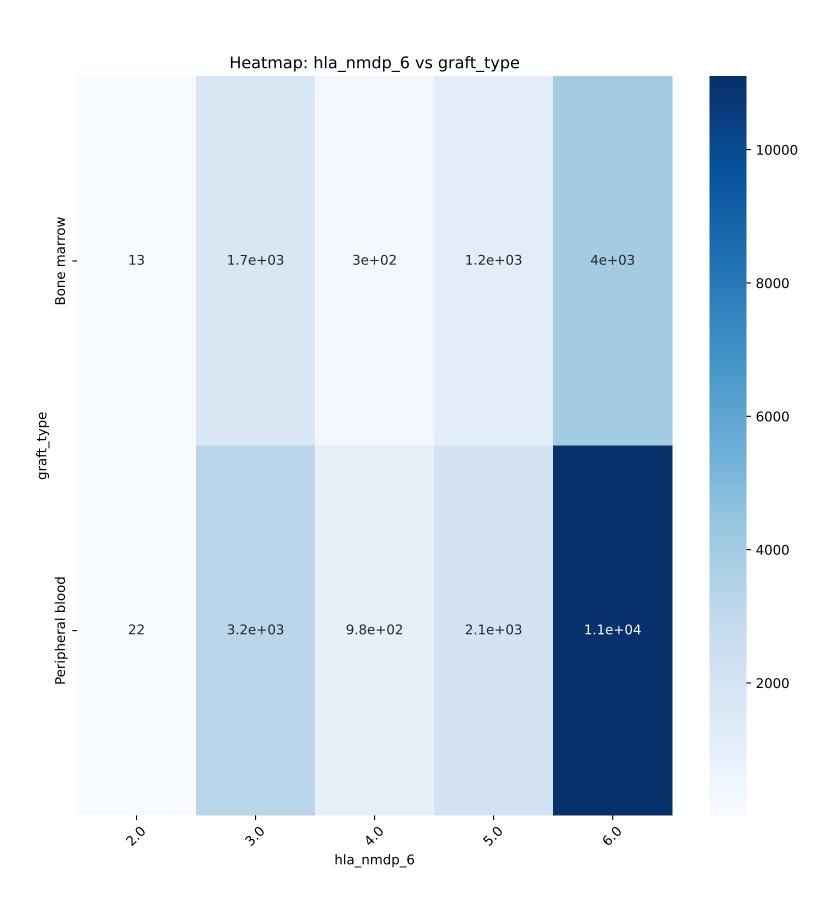
Heatmap: hla\_high\_res\_10 vs graft\_type - 8000 Bone marrow - 7000 1 7 1e+03 4.4e+02 3.9e+02 4.3e+02 7.6e+02 3.3e+03 6000 - 5000 graft\_type - 4000 - 3000 Peripheral blood 0 2.1e+03 9.1e+02 7.9e+02 8.8e+02 18 1.6e+03 9e+03 - 2000 - 1000 - 0 °.0 □ %. 'O 10 °,0 90

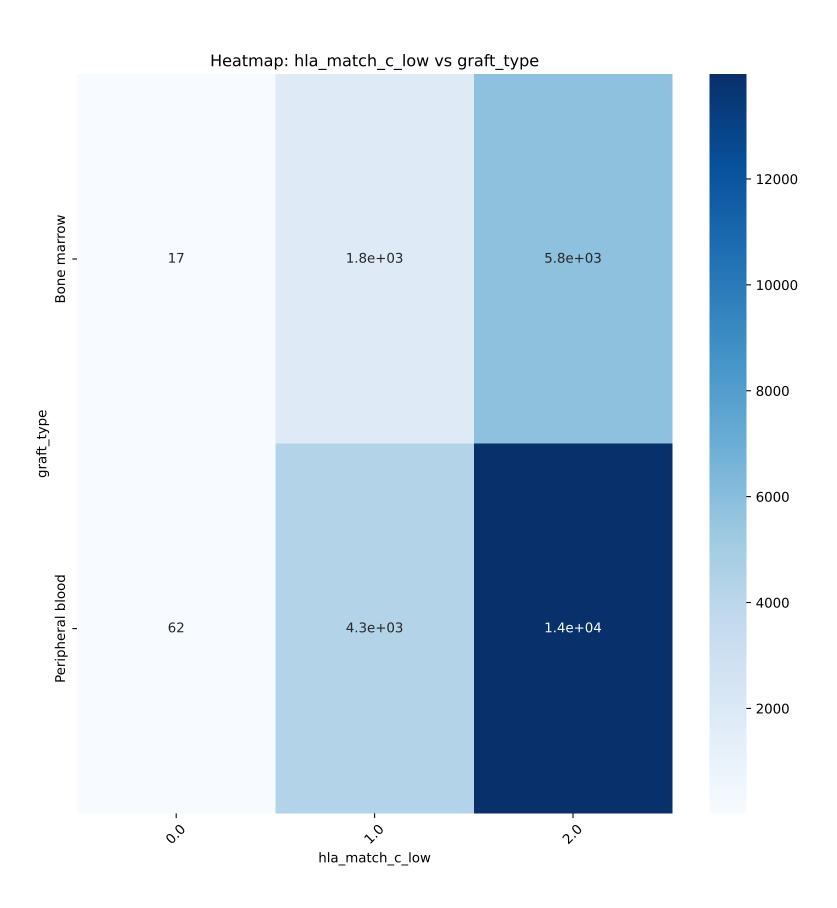
200

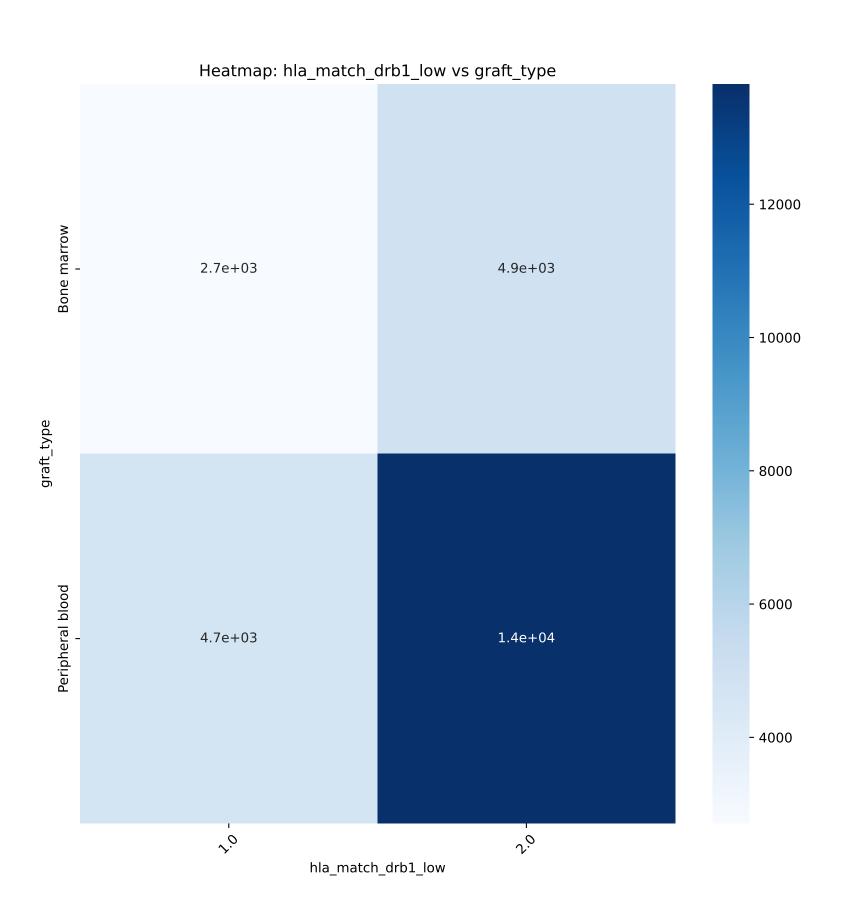
50

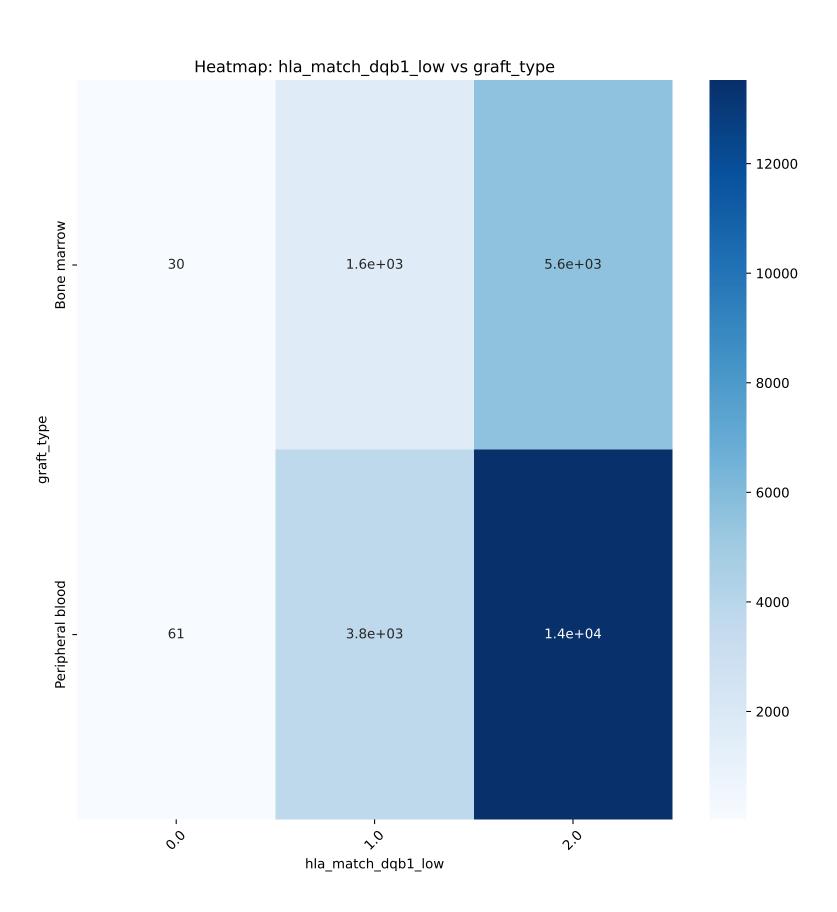
hla\_high\_res\_10

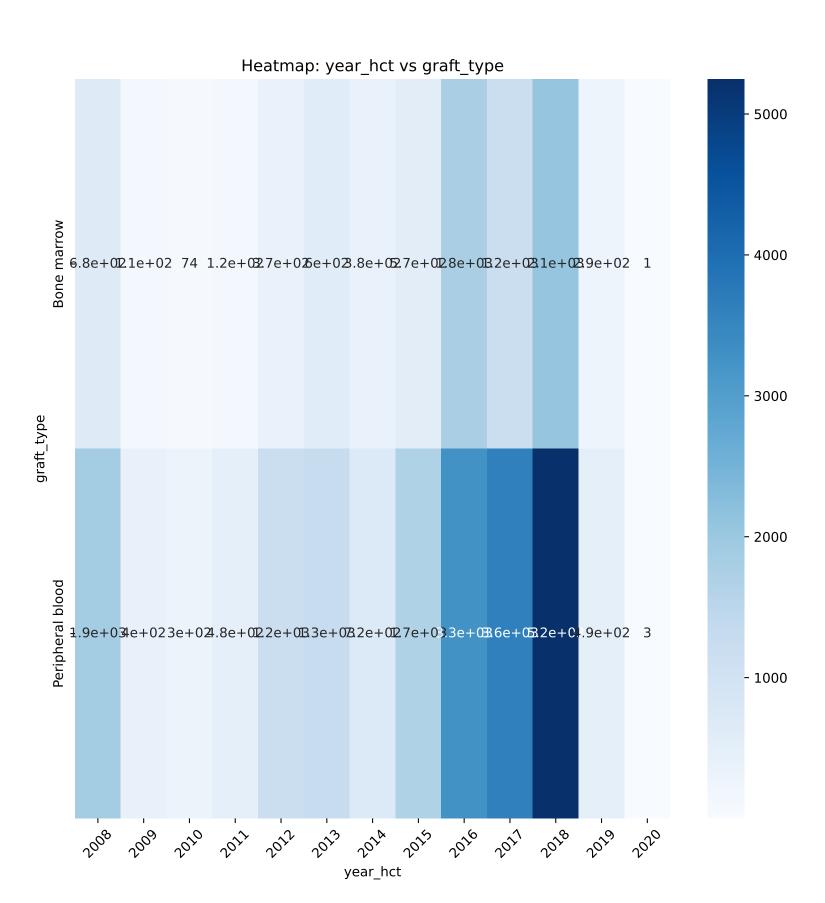


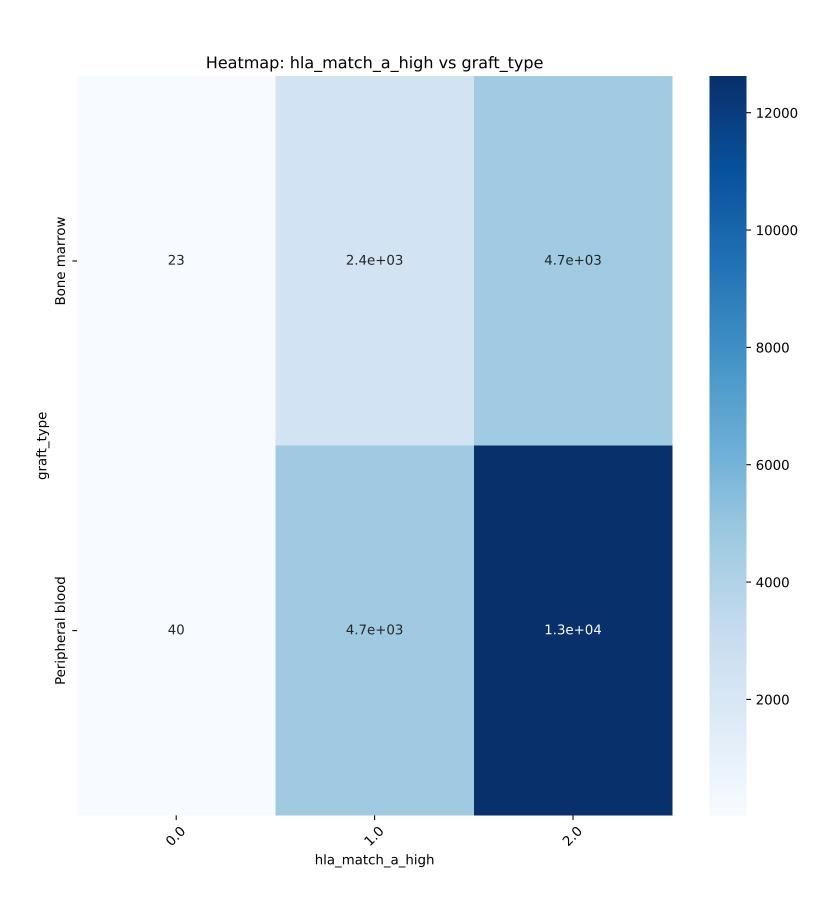


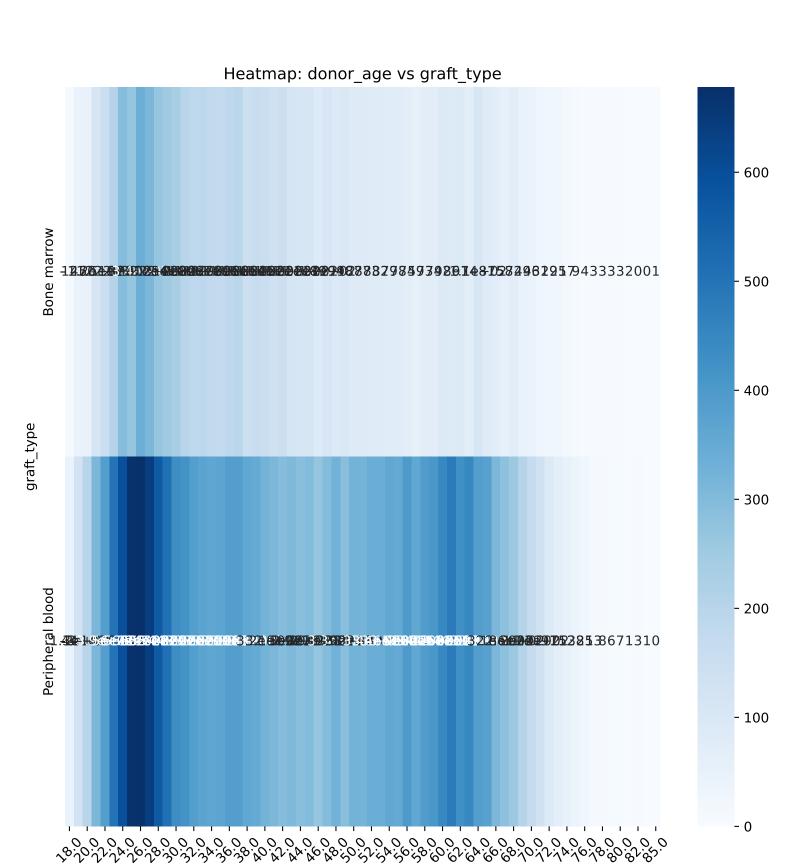




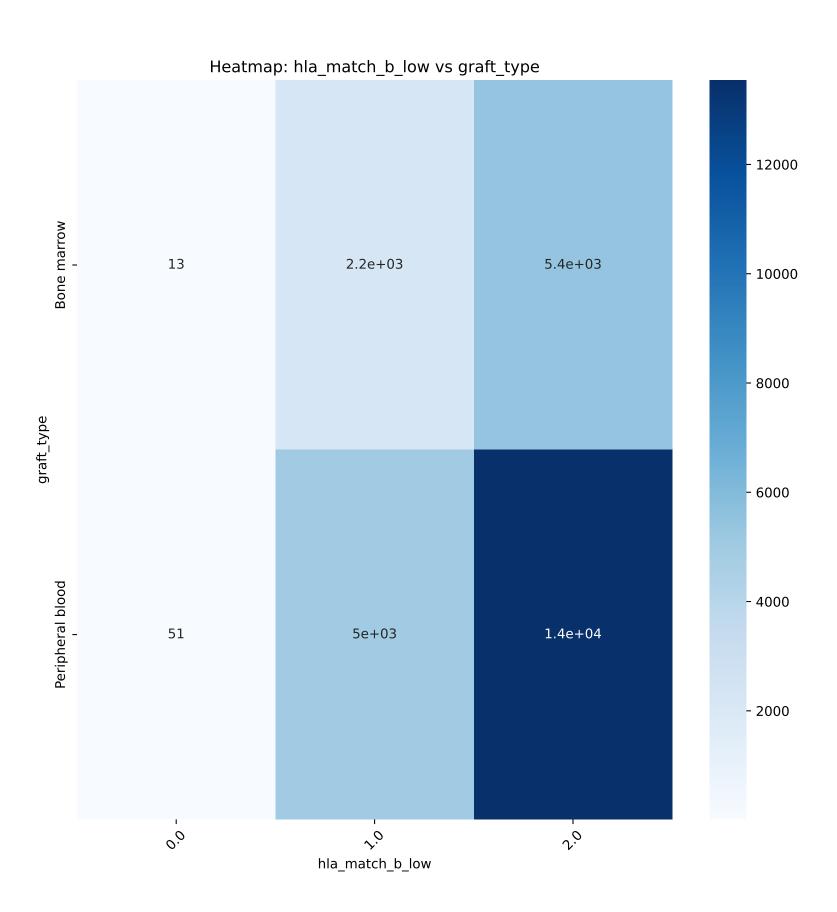


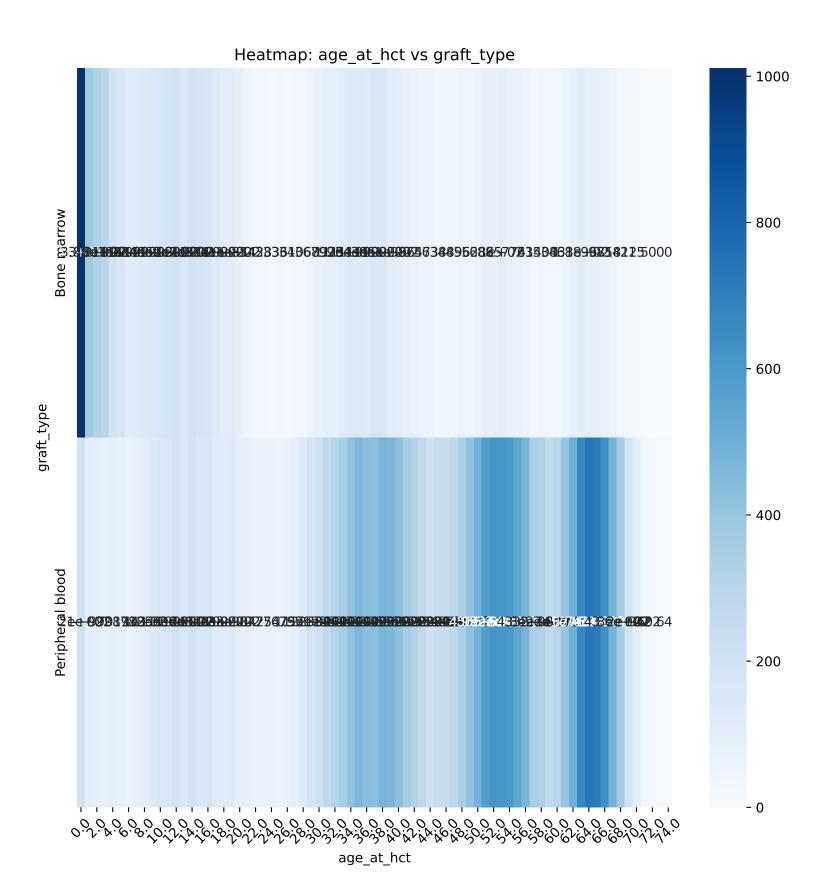


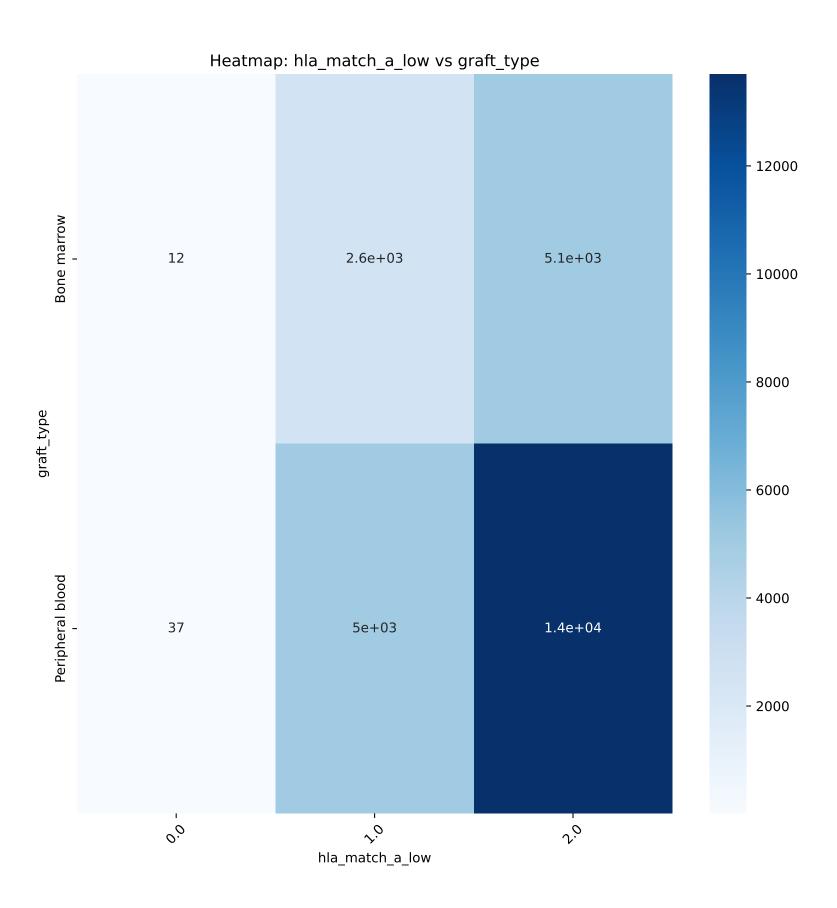


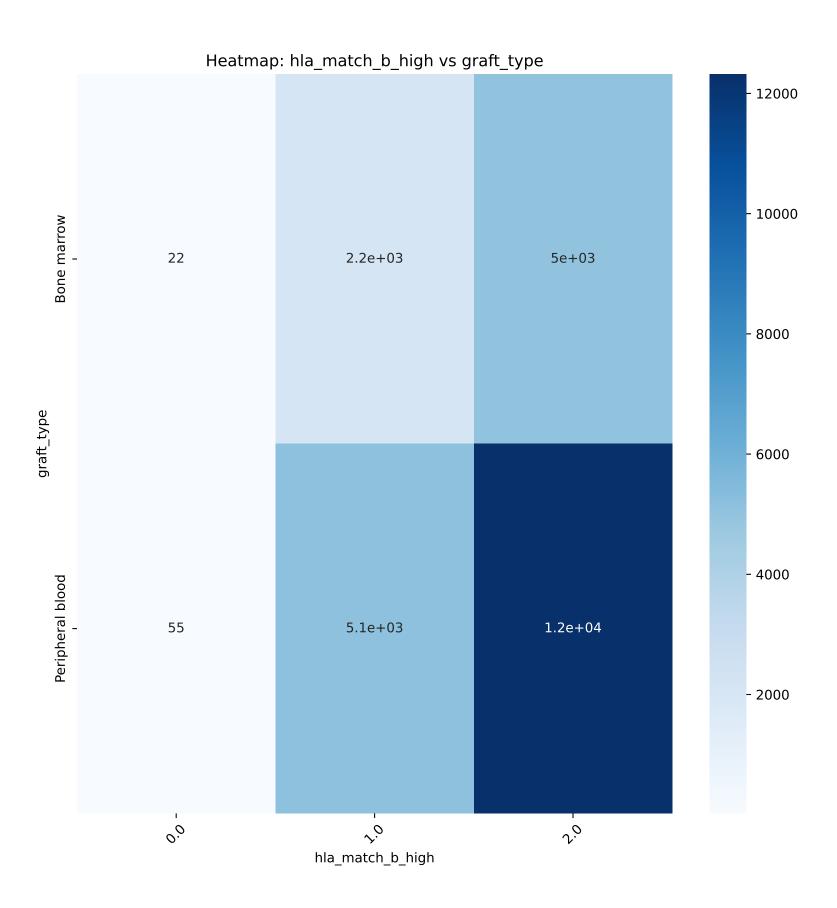


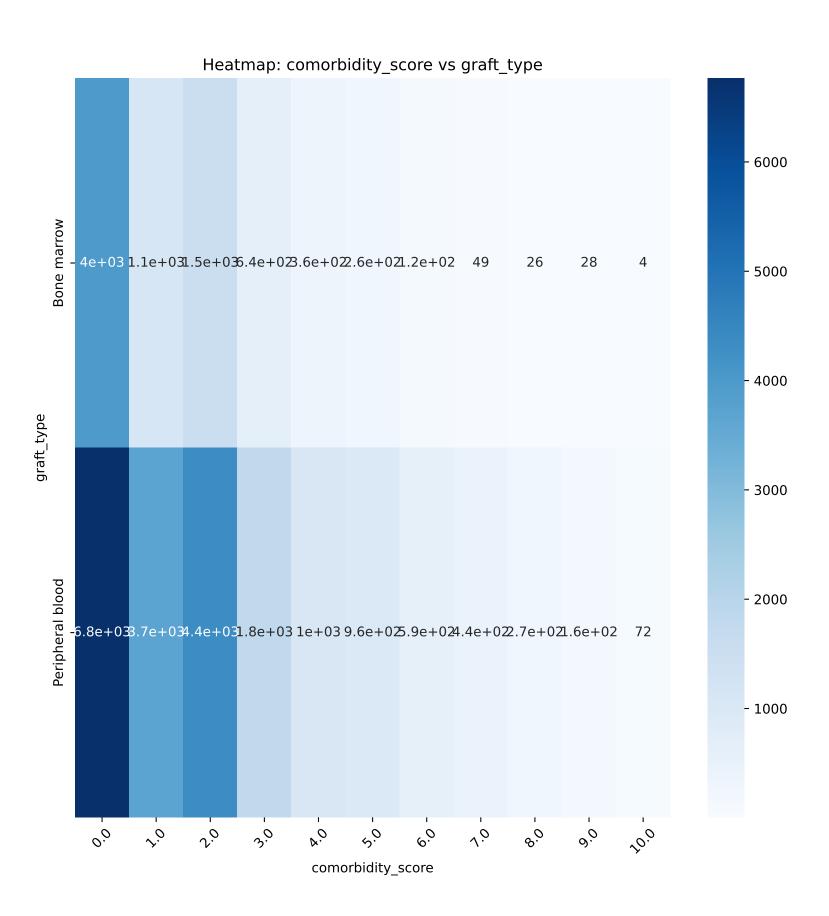
donor\_age

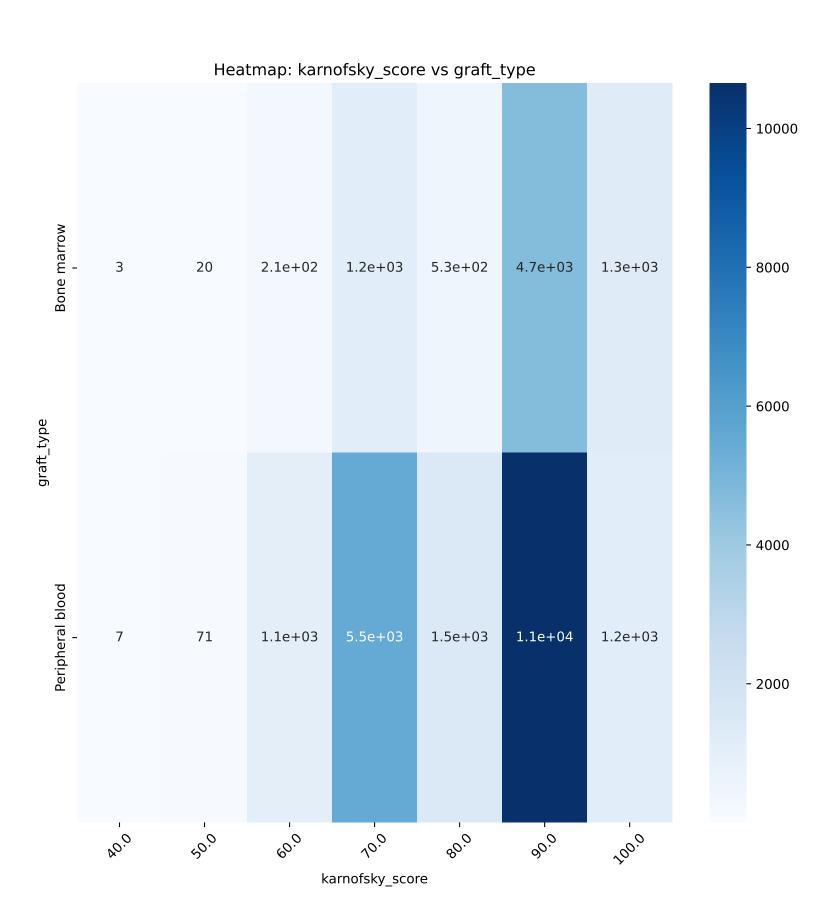


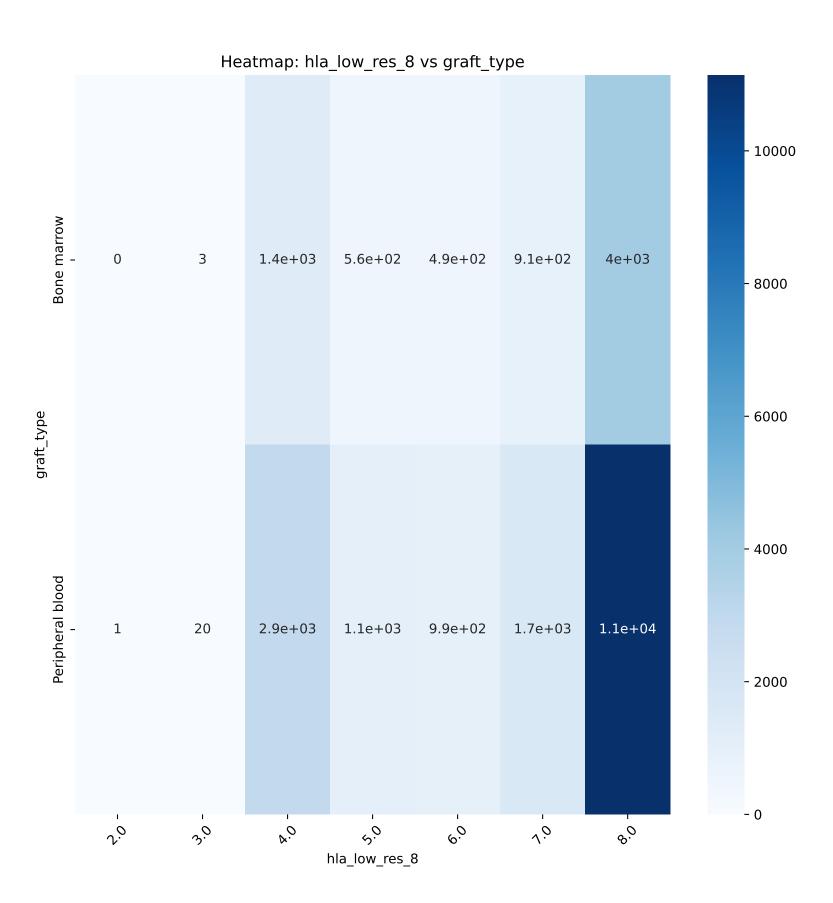


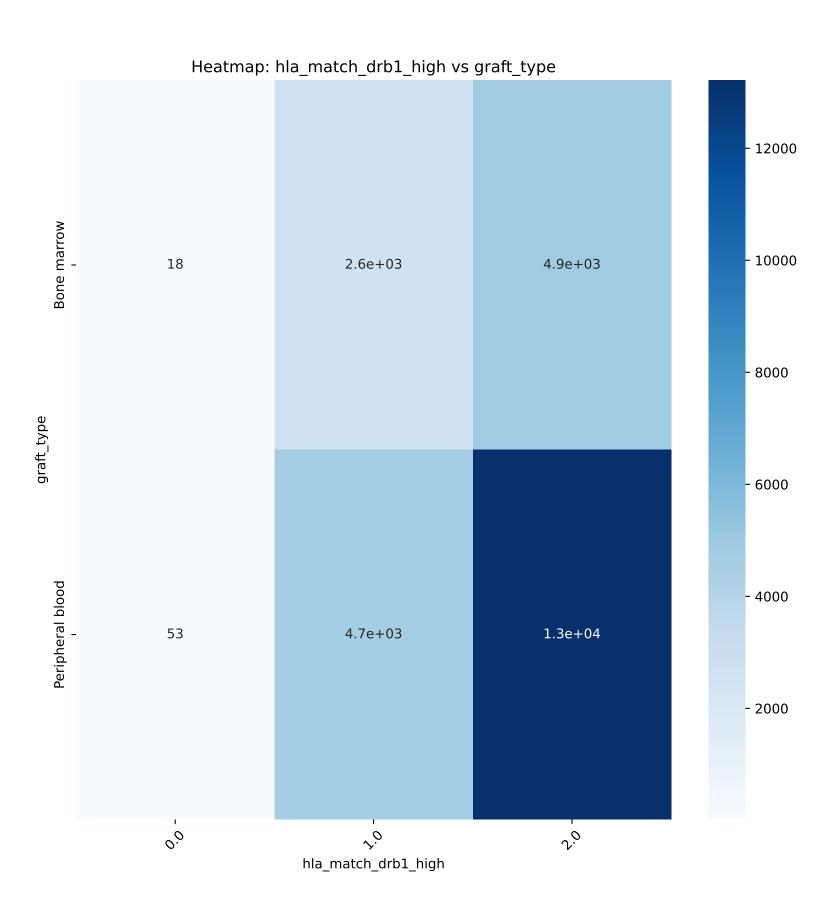


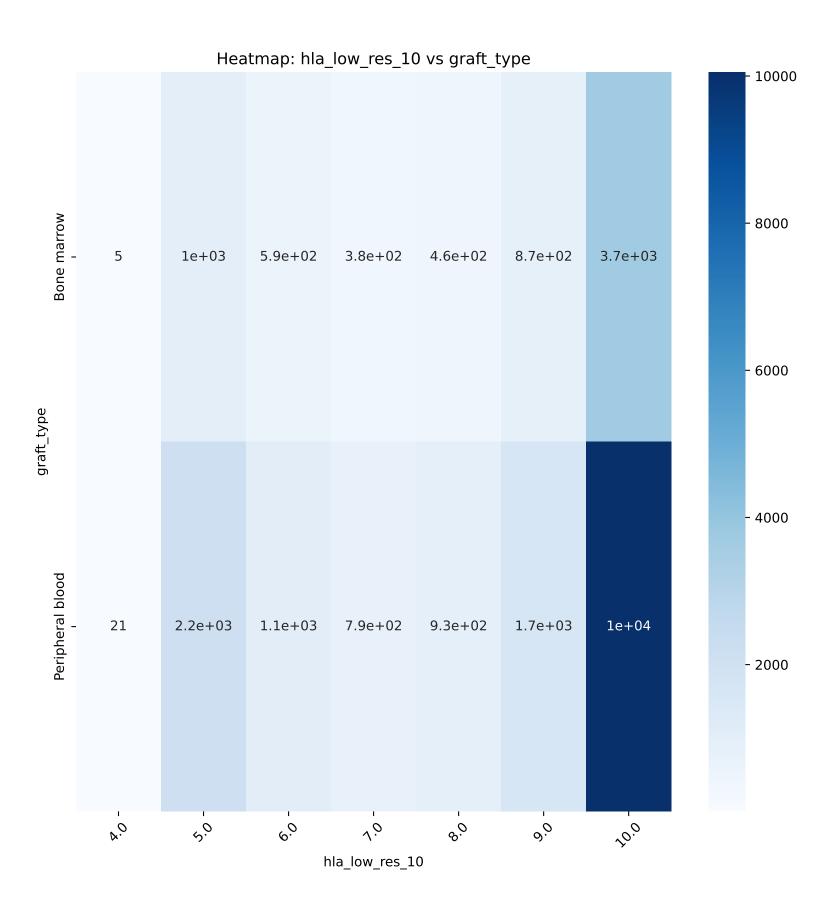


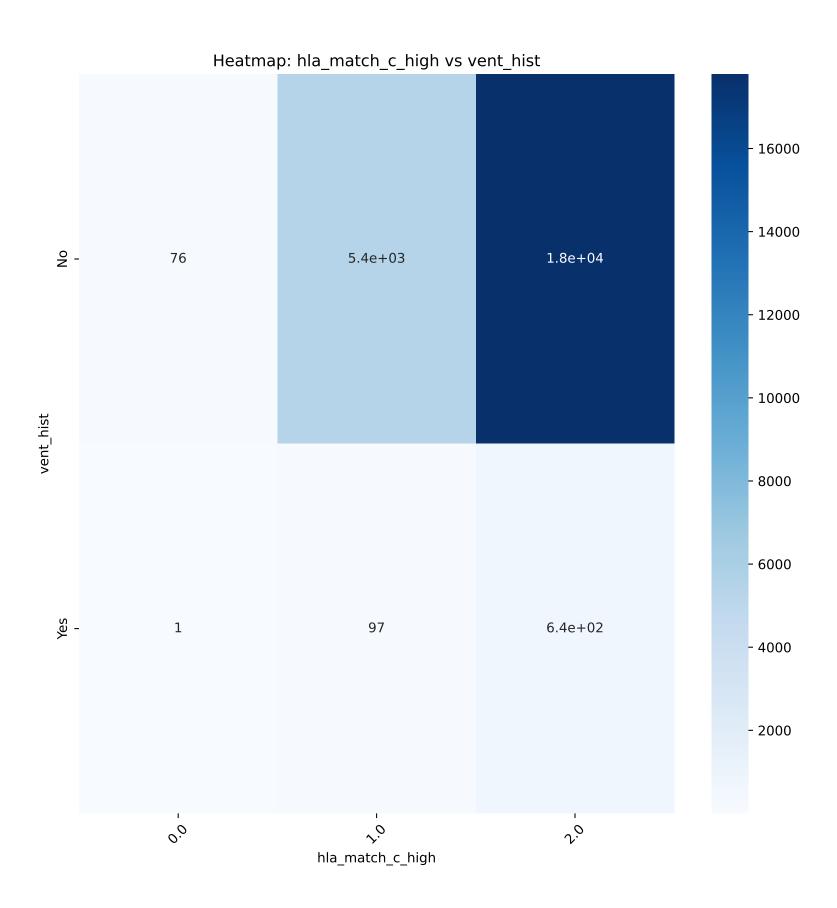




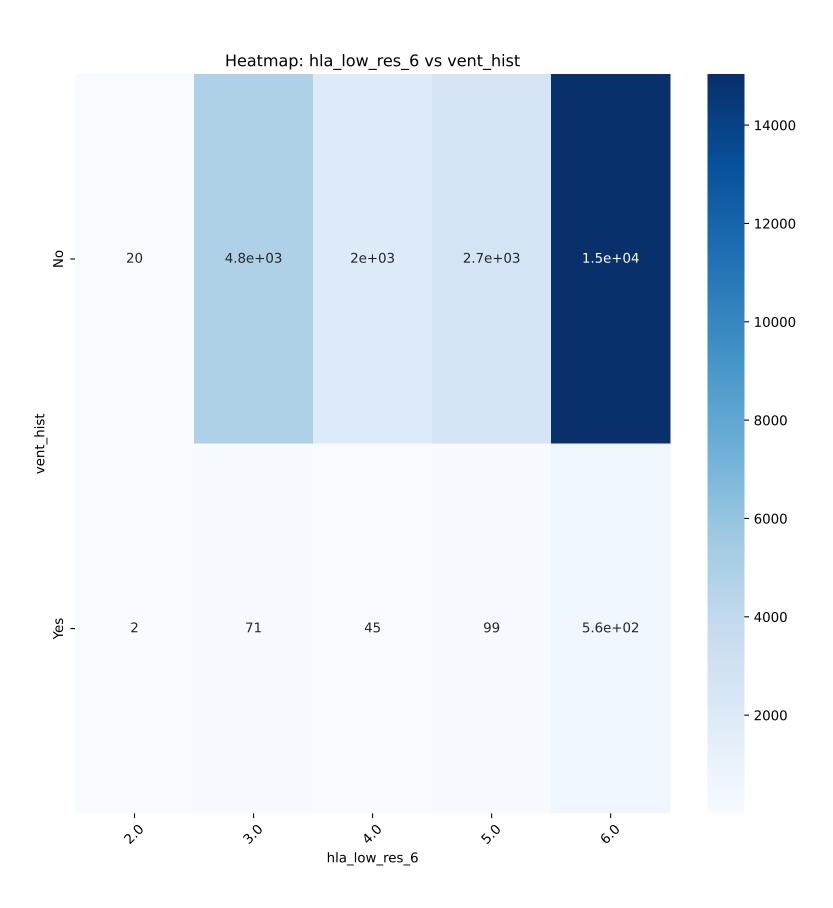


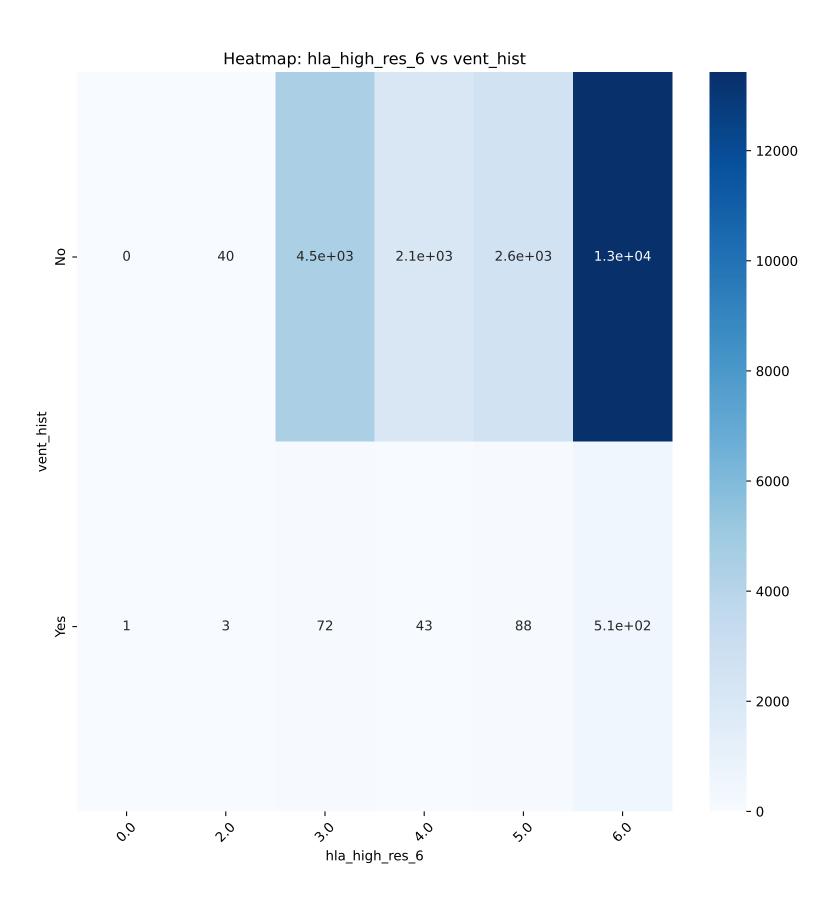




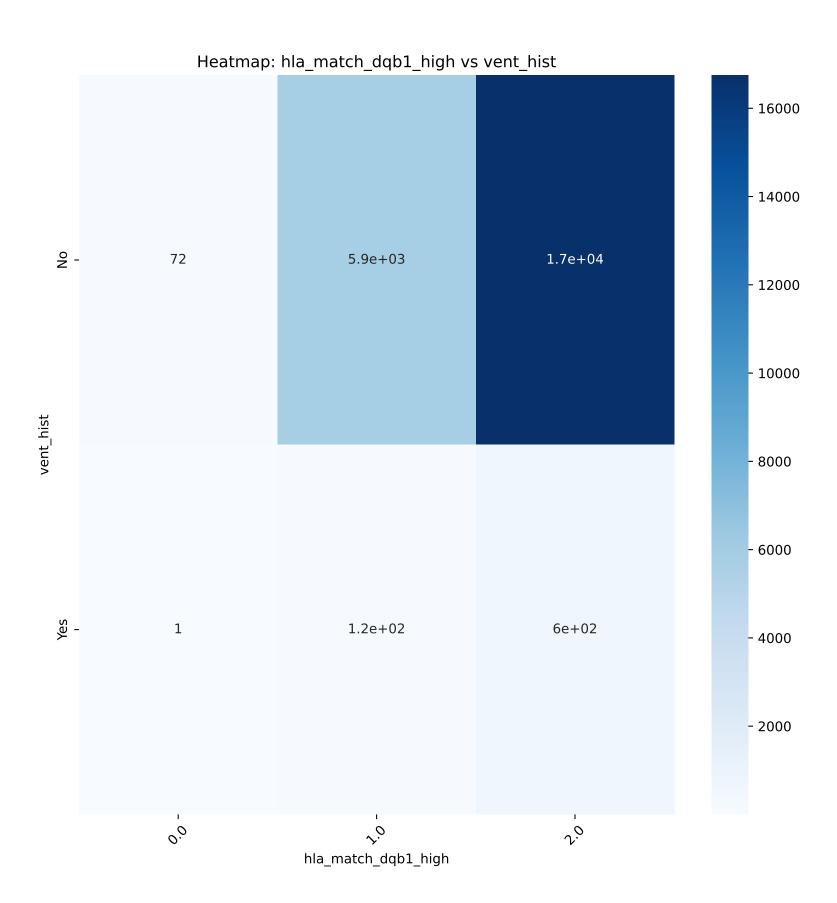


Heatmap: hla\_high\_res\_8 vs vent\_hist - 12000 - 10000 1 27 3.7e+03 1.6e+03 1.5e+03 1.3e+04 2.3e+03 - 8000 vent\_hist 6000 - 4000 Yes -1 1 55 38 30 86 5e+02 - 2000 6.0 10 Ø. . hla\_high\_res\_8

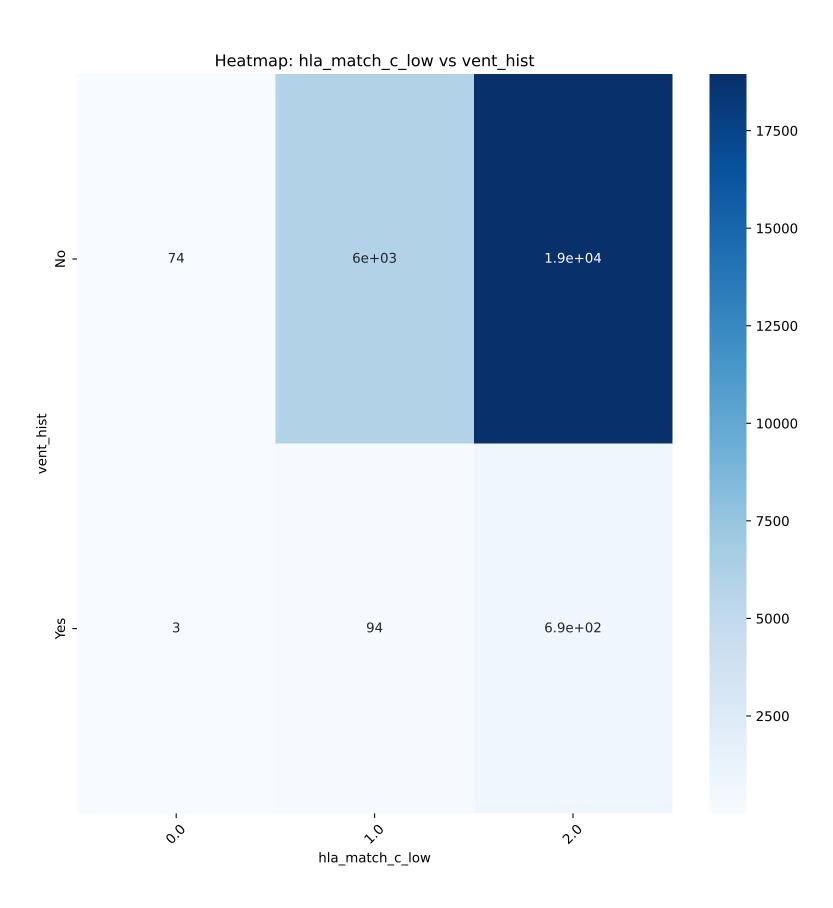


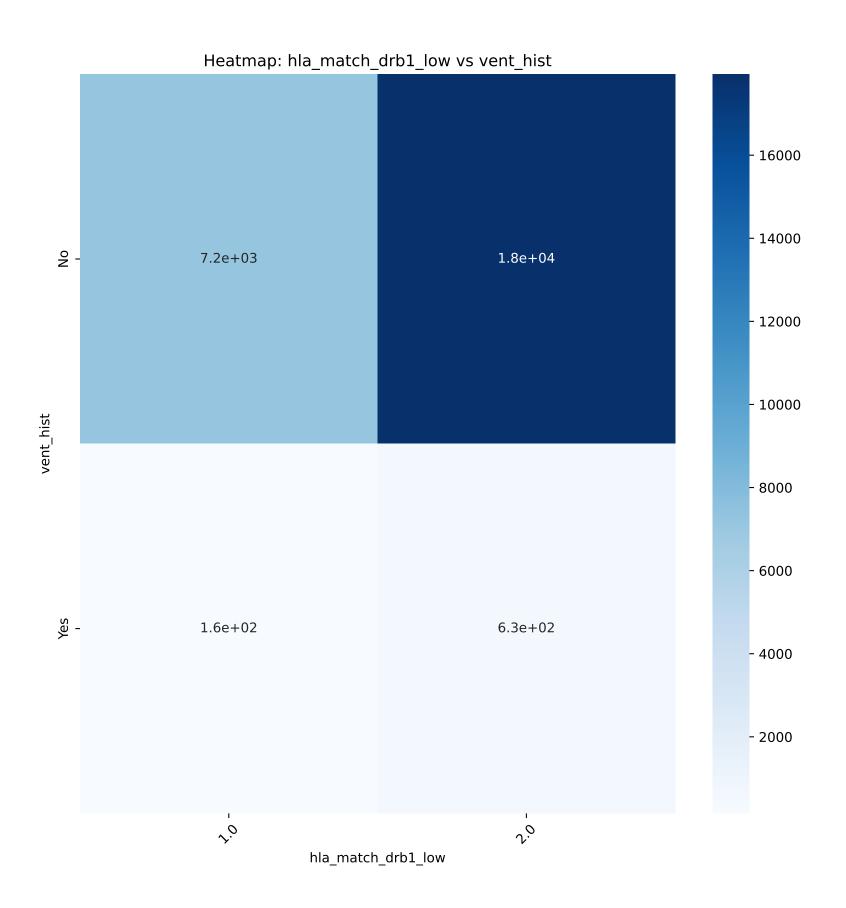


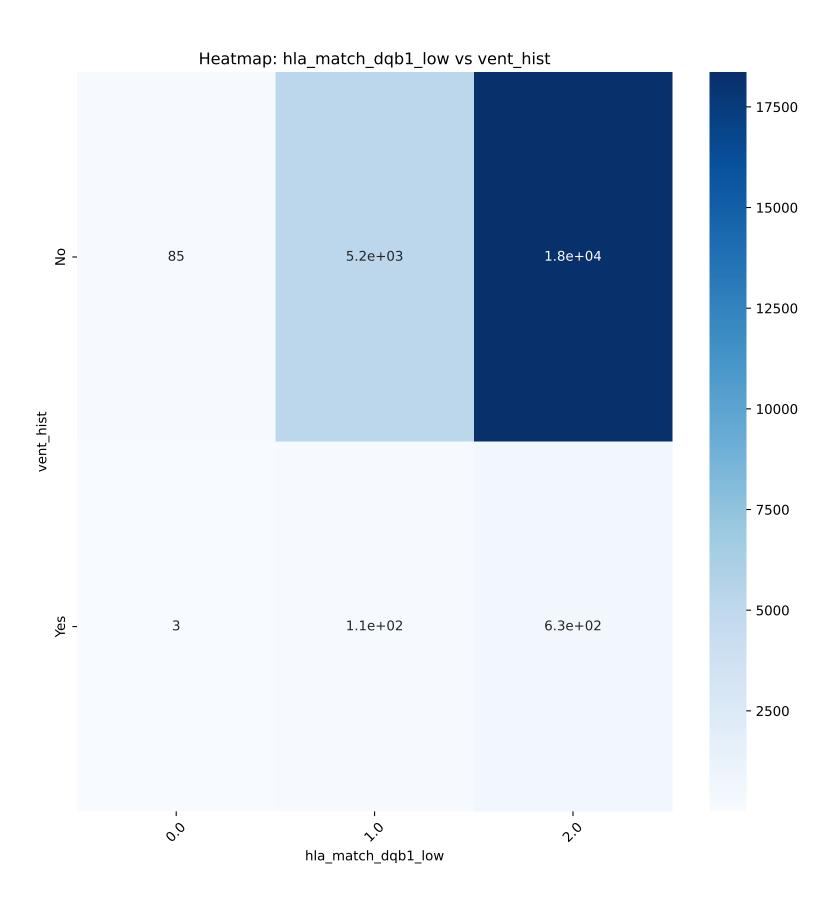
Heatmap: hla\_high\_res\_10 vs vent\_hist - 10000 1 25 3.1e+03 1.3e+03 1.1e+03 1.3e+03 2.2e+03 1.2e+04 - 8000 vent\_hist - 6000 - 4000 Yes -0 0 43 32 22 35 4.5e+02 94 - 2000 \$.0 - 0 °. hla\_high\_res\_10

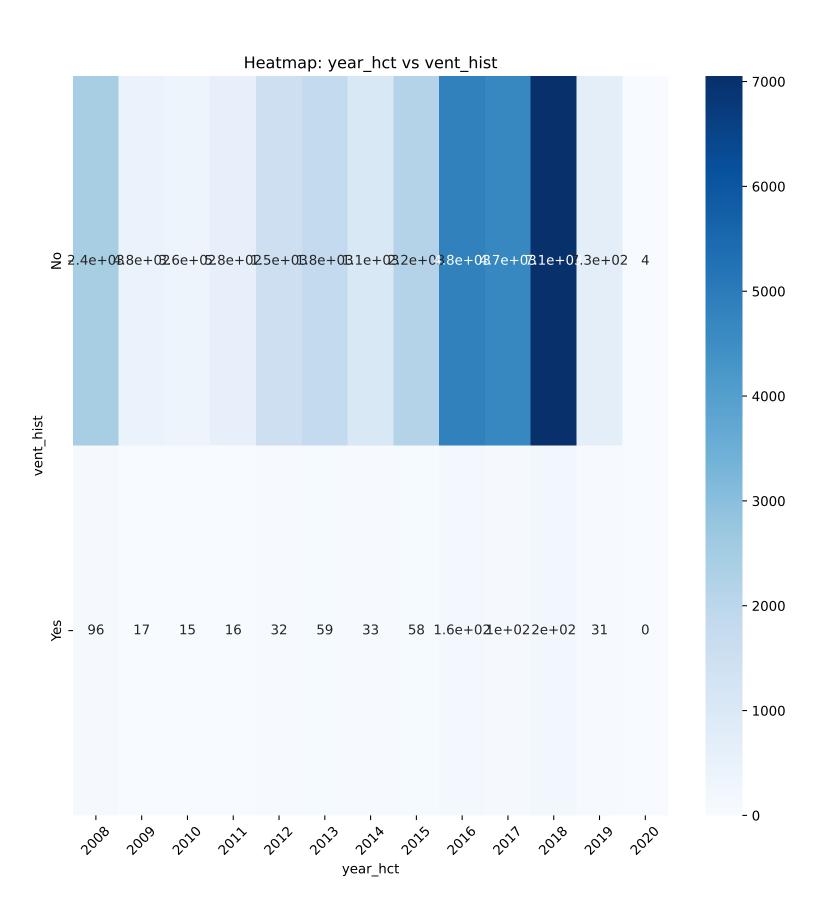


Heatmap: hla\_nmdp\_6 vs vent\_hist 14000 - 12000 ₽-1.4e+04 31 4.8e+03 1.2e+03 3.2e+03 - 10000 8000 vent\_hist 6000 - 4000 Yes -68 5.5e+02 4 27 1e+02 - 2000 Ø. 0 60. hla\_nmdp\_6

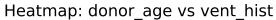


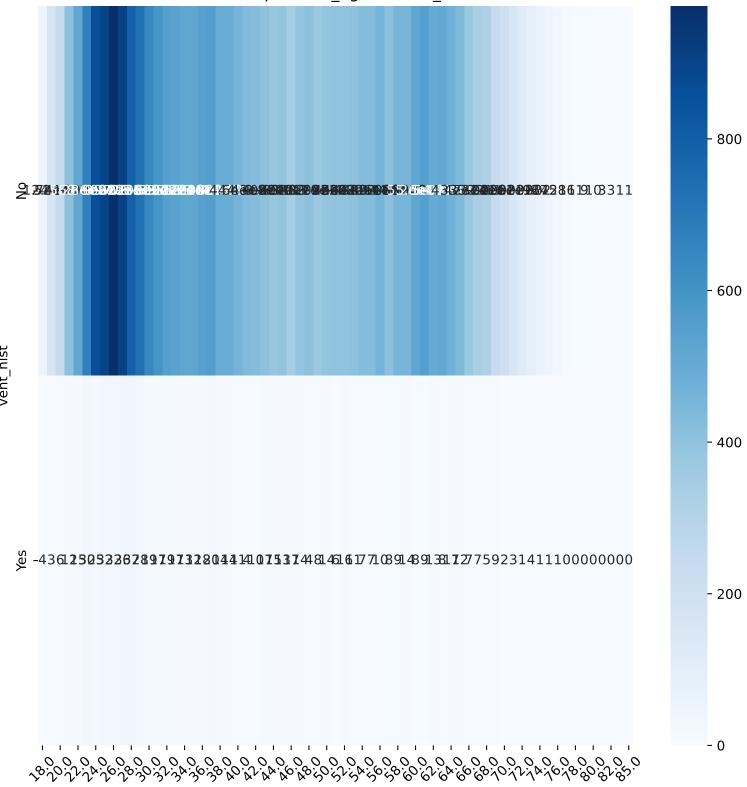


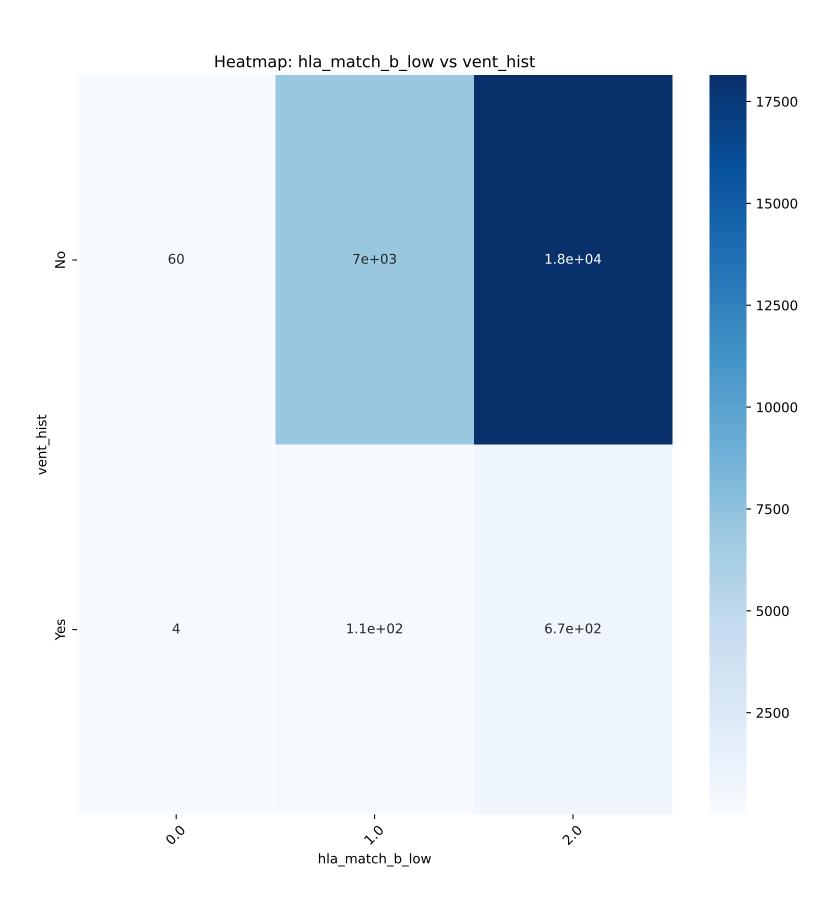


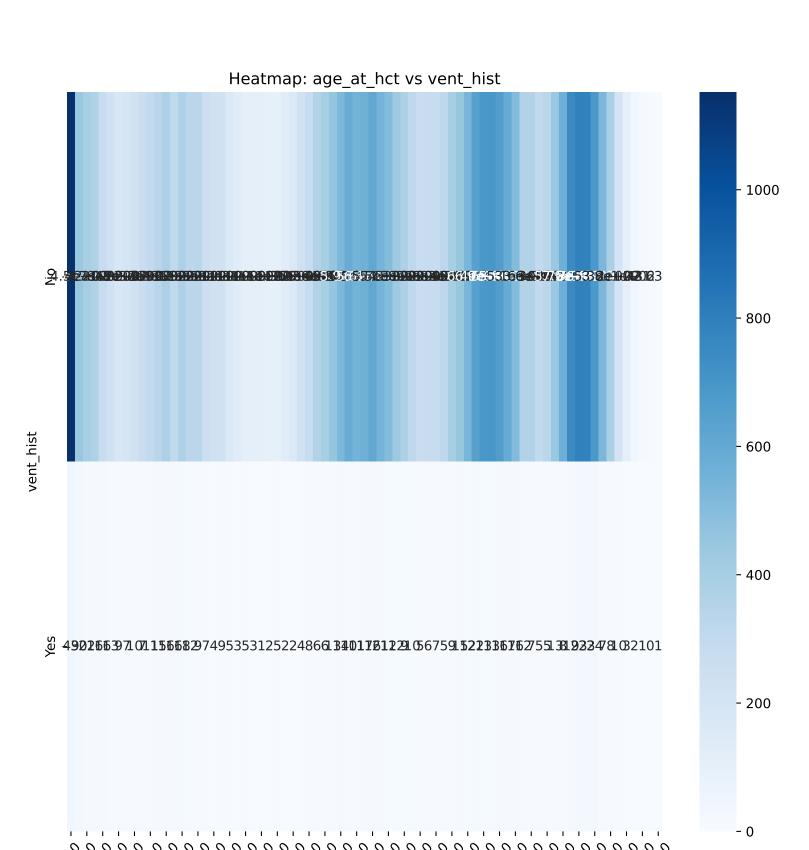


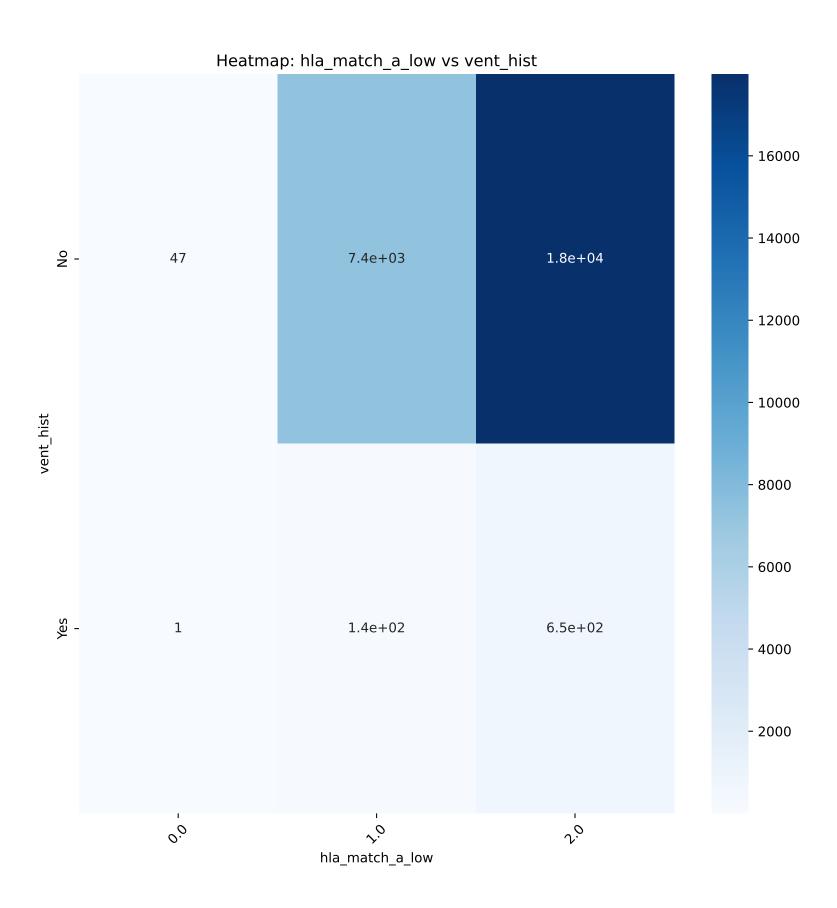
Heatmap: hla\_match\_a\_high vs vent\_hist - 16000 - 14000 60 6.9e+03 1.7e+04 - 12000 - 10000 8000 - 6000 Yes -2 1.5e+02 6e+02 - 4000 - 2000 ^; 0 1 hla\_match\_a\_high

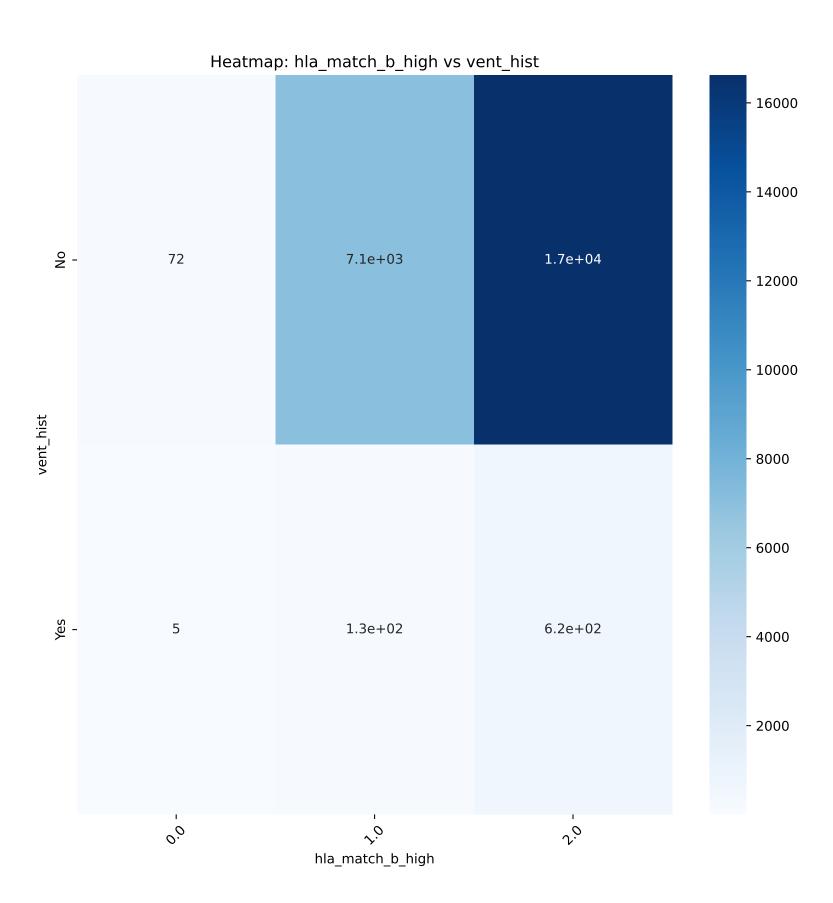


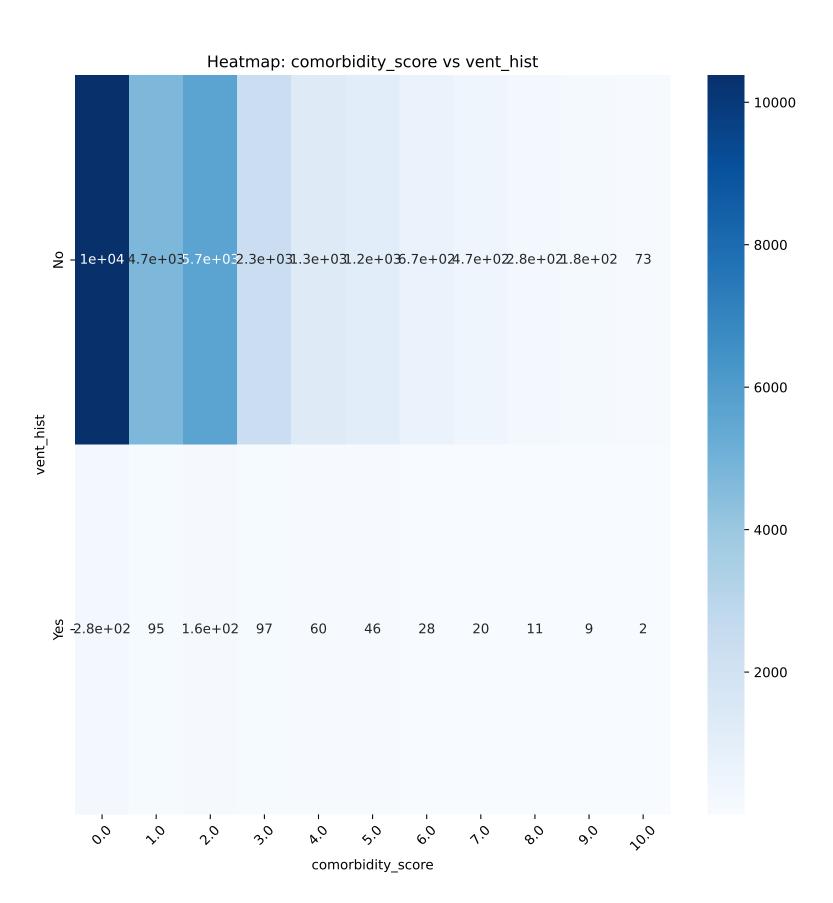


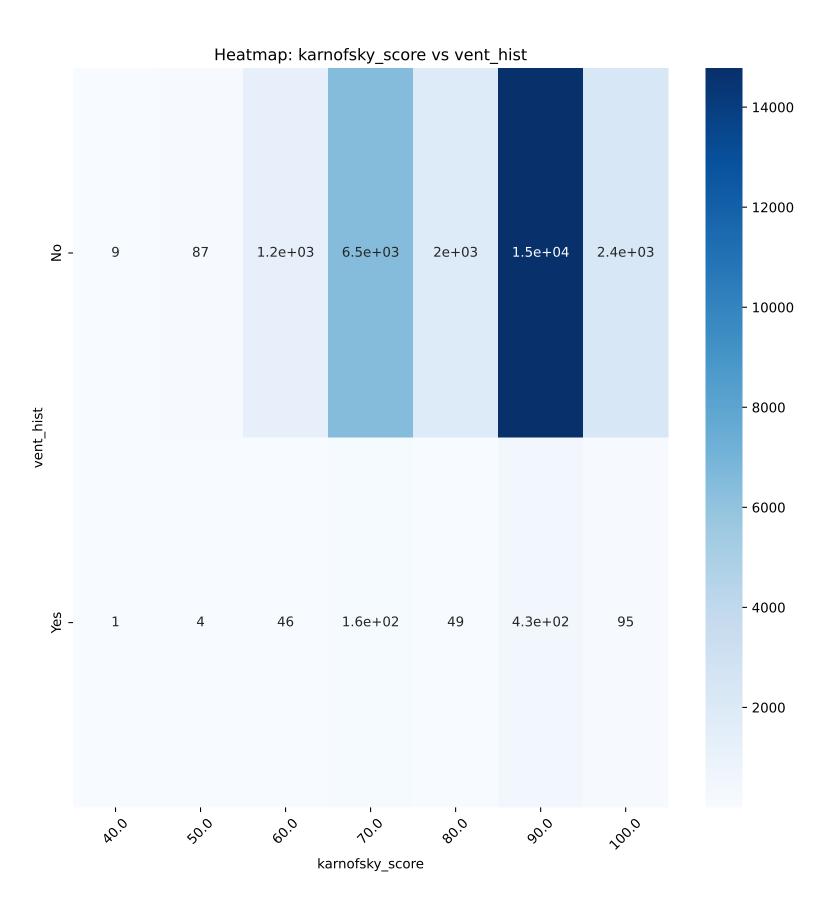




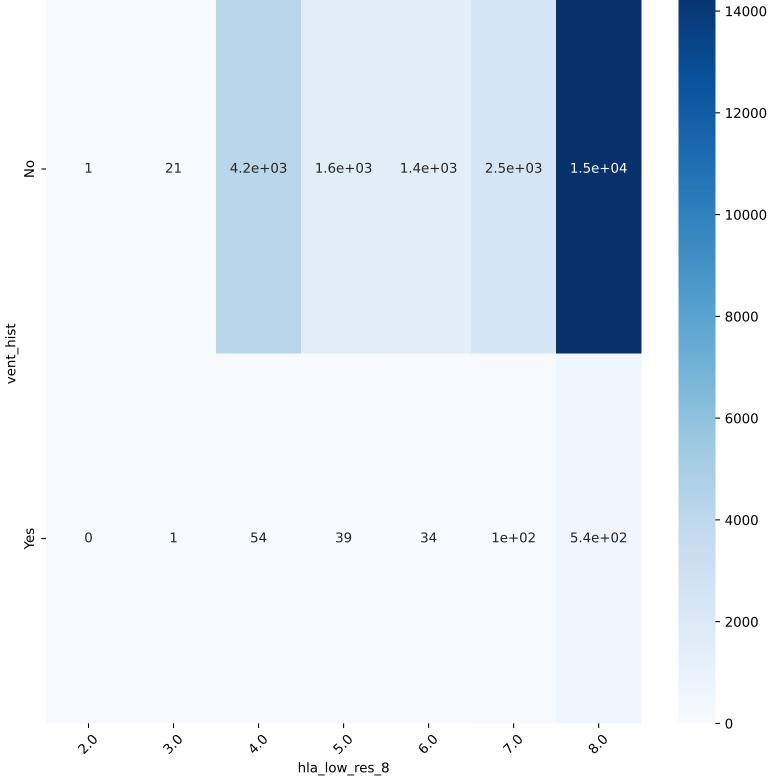


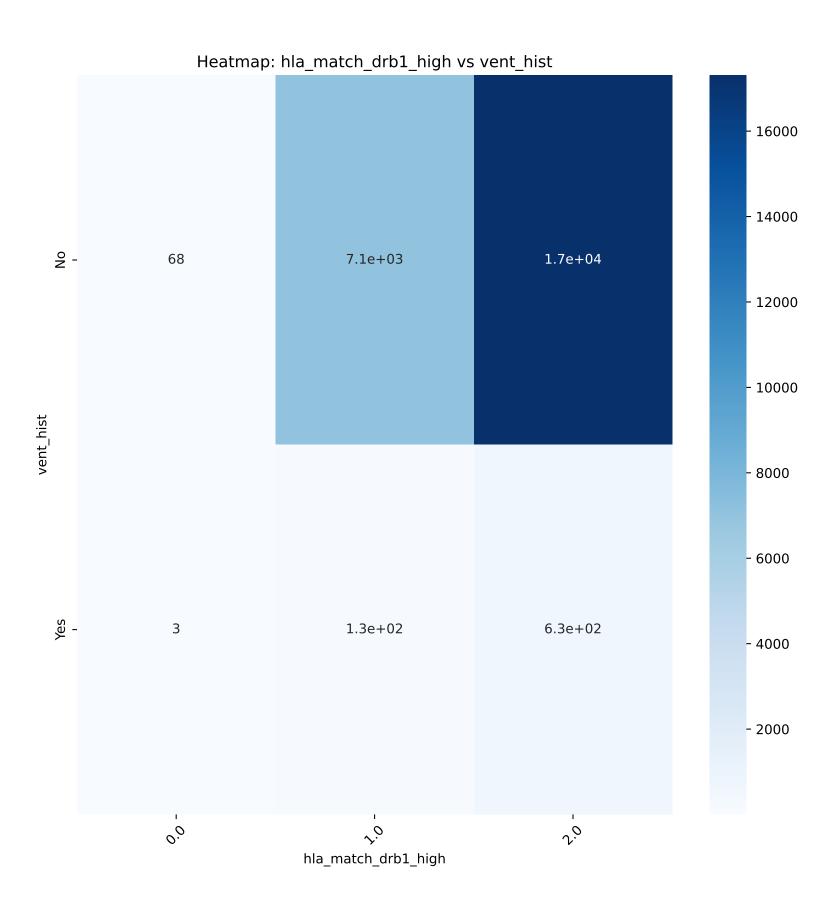




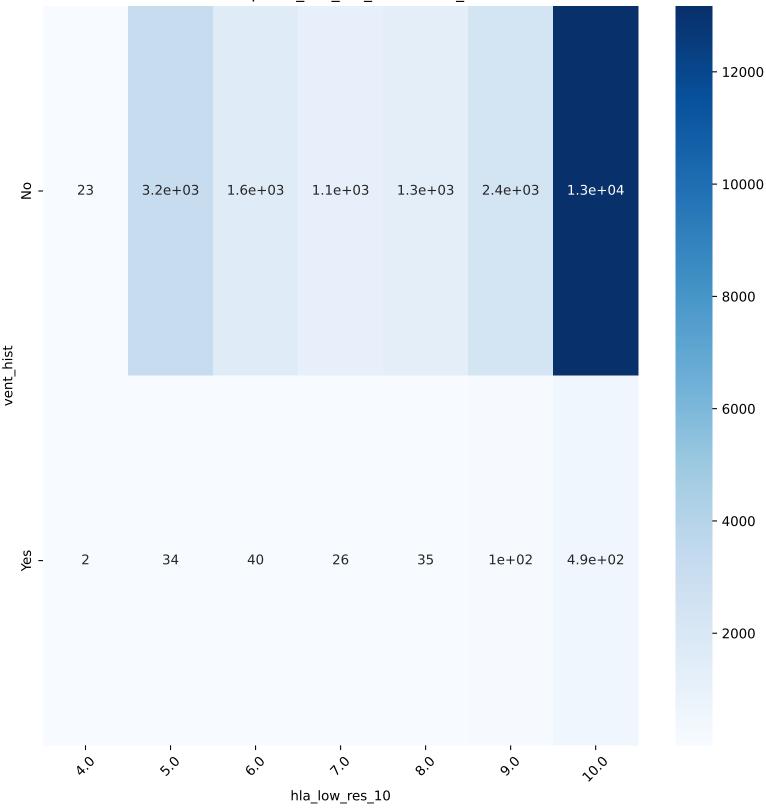


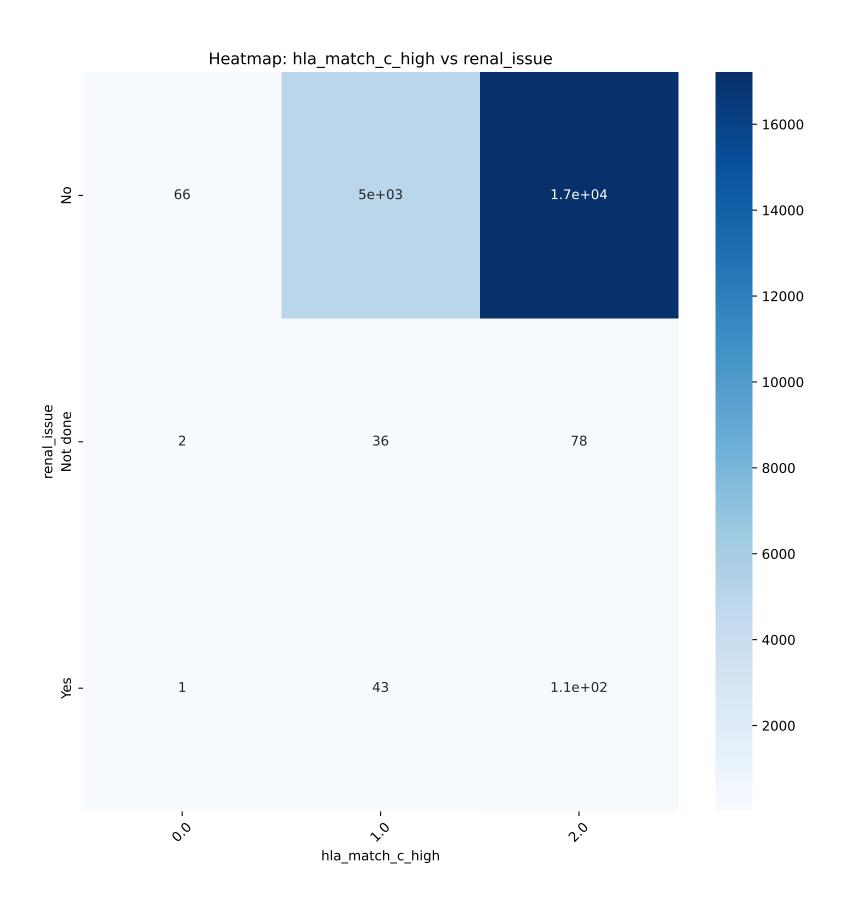
Heatmap: hla\_low\_res\_8 vs vent\_hist 4.2e+03 1.6e+03 1.4e+03 2.5e+03



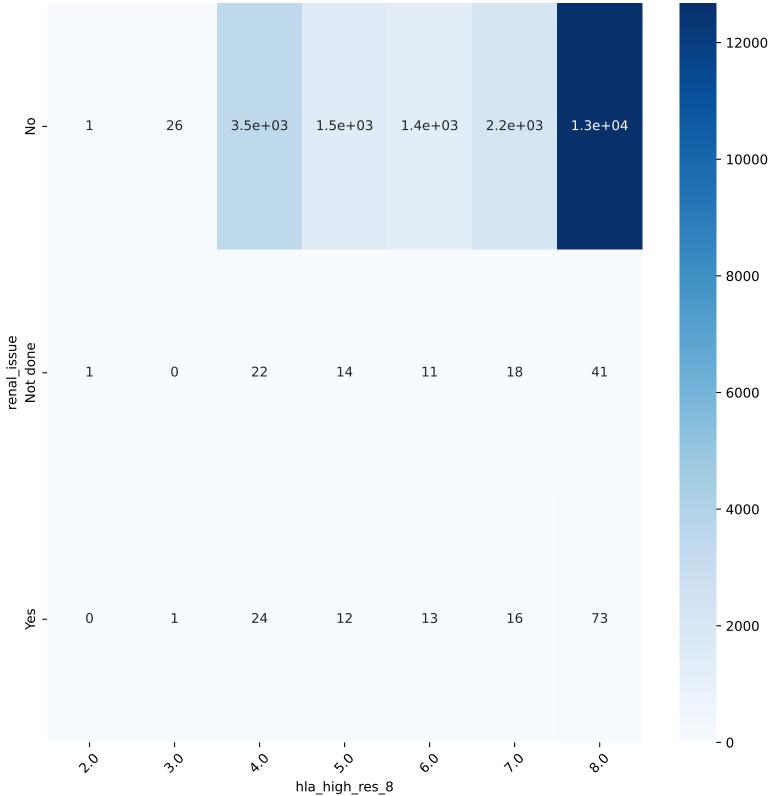


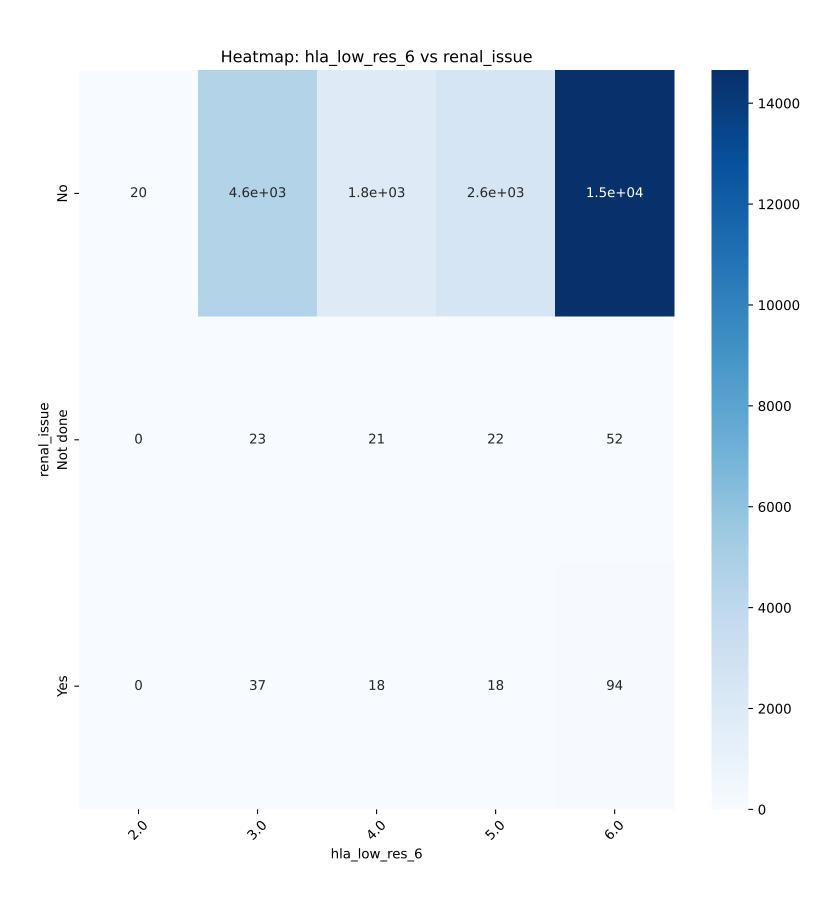
Heatmap: hla\_low\_res\_10 vs vent\_hist





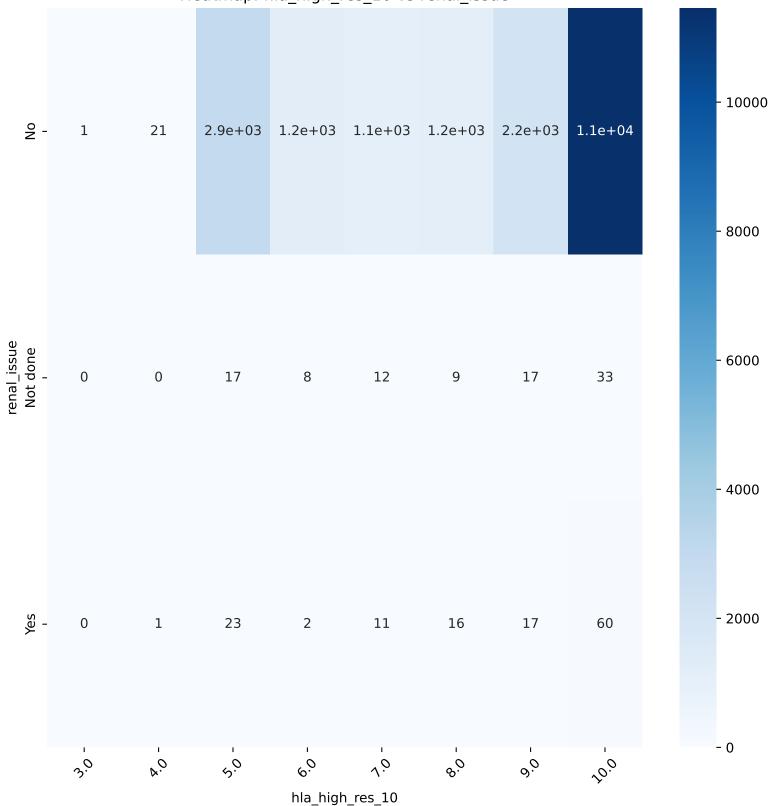
Heatmap: hla\_high\_res\_8 vs renal\_issue

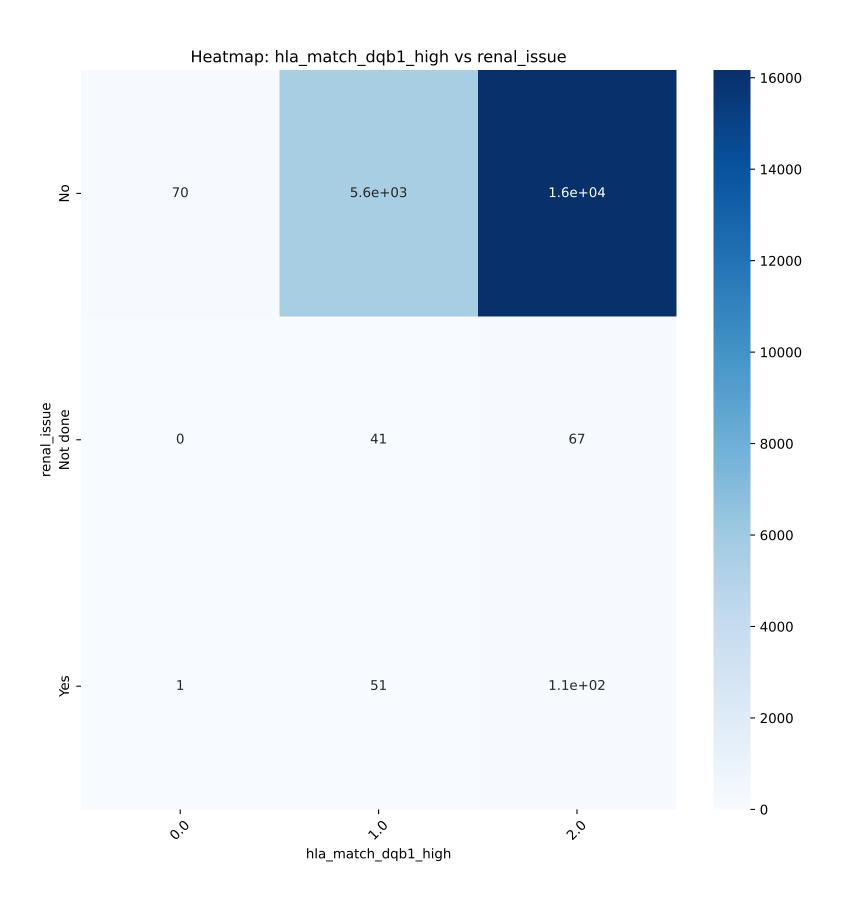


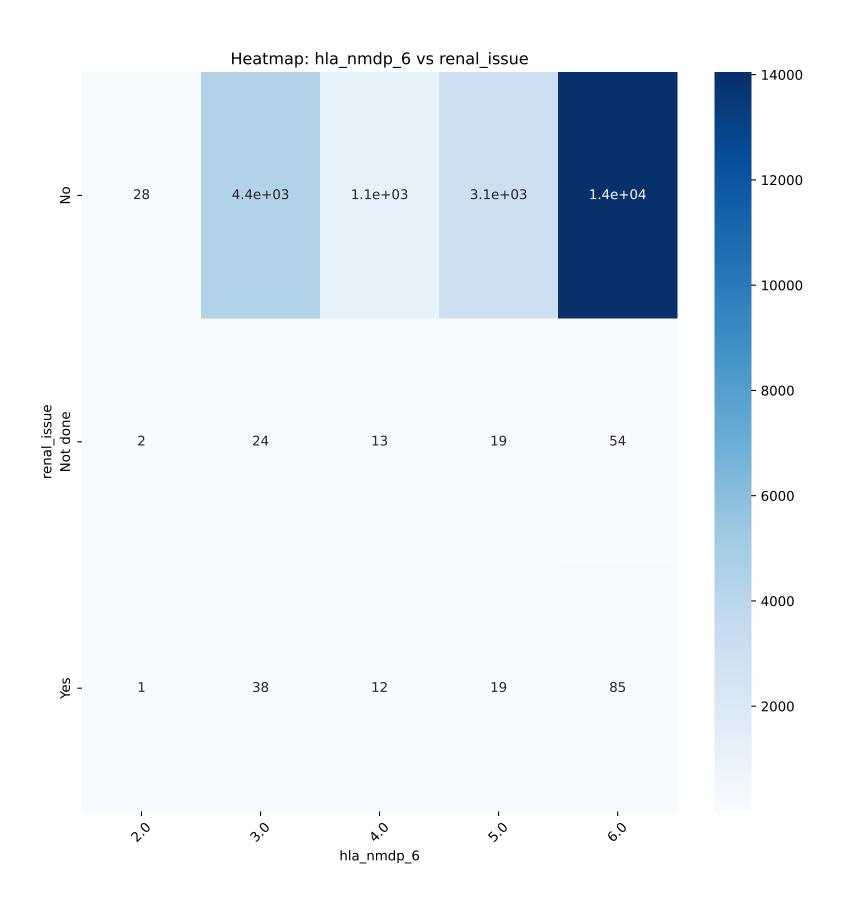


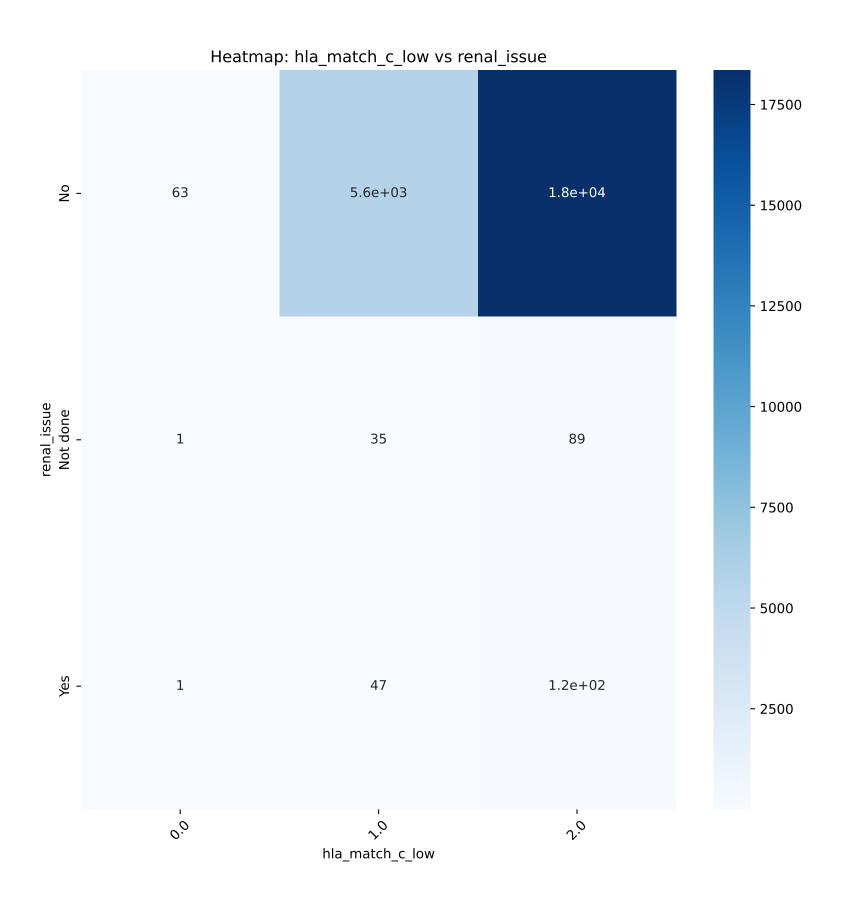
Heatmap: hla\_high\_res\_6 vs renal\_issue - 12000 ဍိ -0 37 4.2e+03 1.9e+03 2.5e+03 1.3e+04 10000 - 8000 renal\_issue Not done ' 1 1 28 12 24 43 6000 - 4000 Yes -0 1 30 18 16 80 - 2000 - 0 ×0 hla\_high\_res\_6

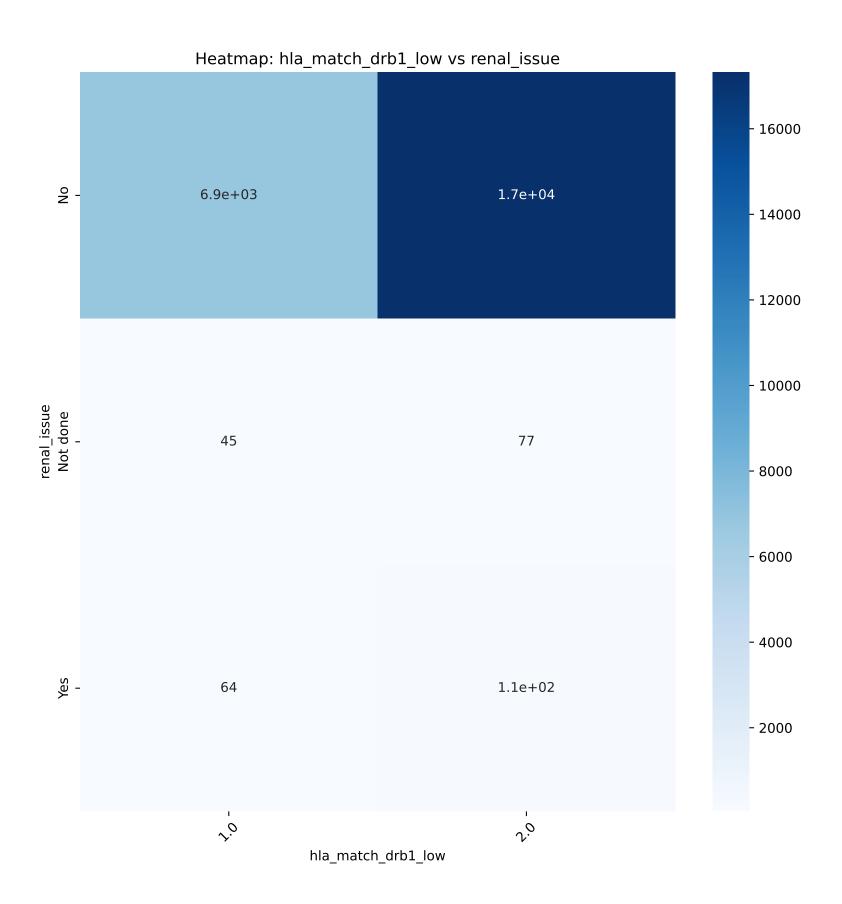
Heatmap: hla\_high\_res\_10 vs renal\_issue

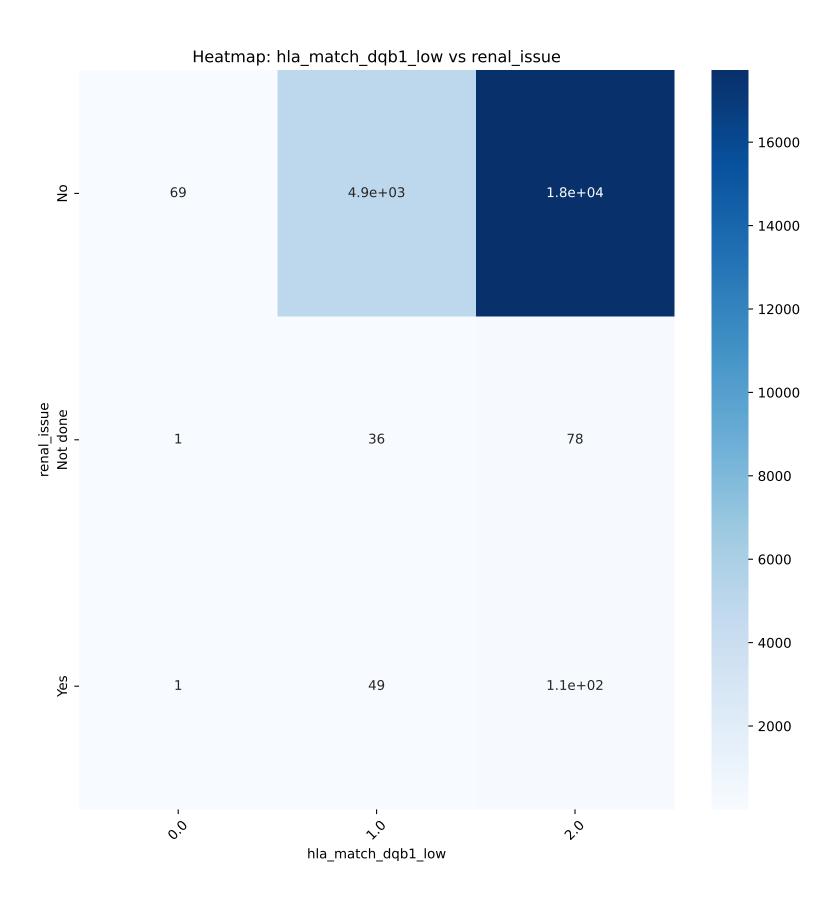




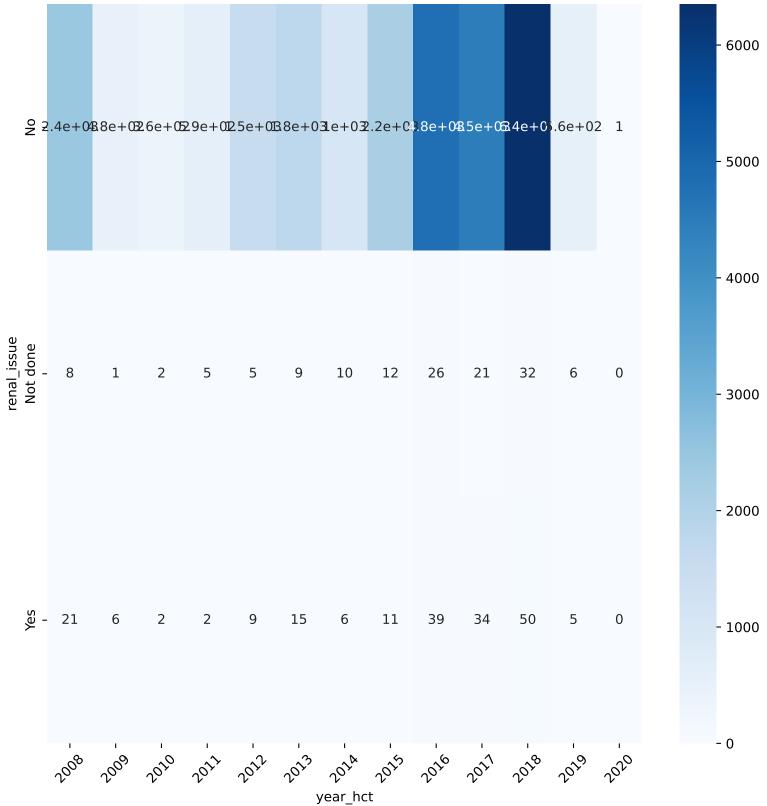


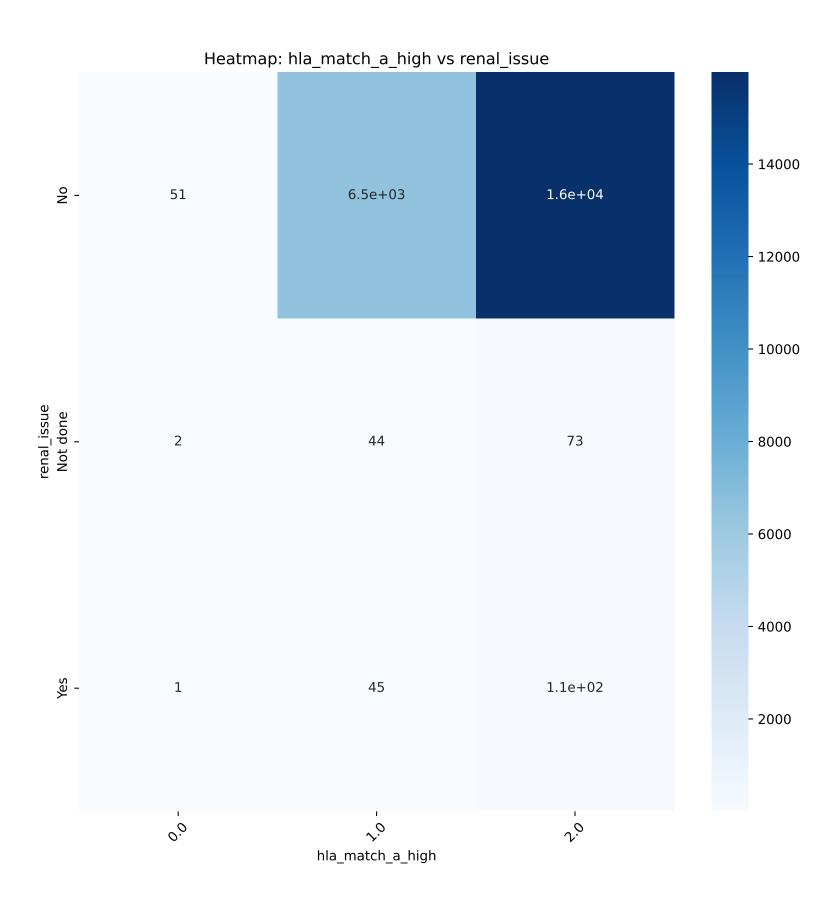


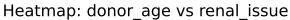


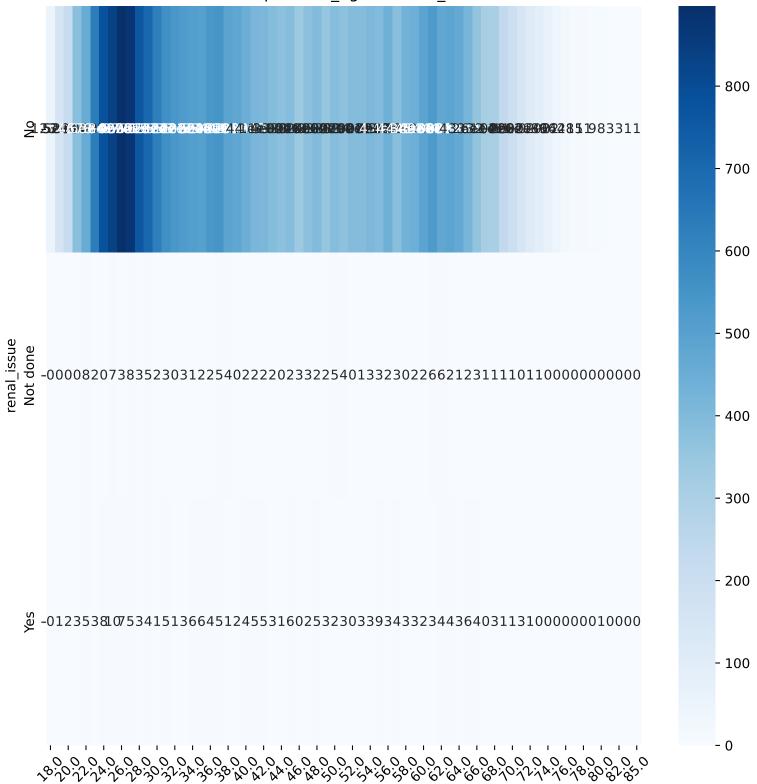


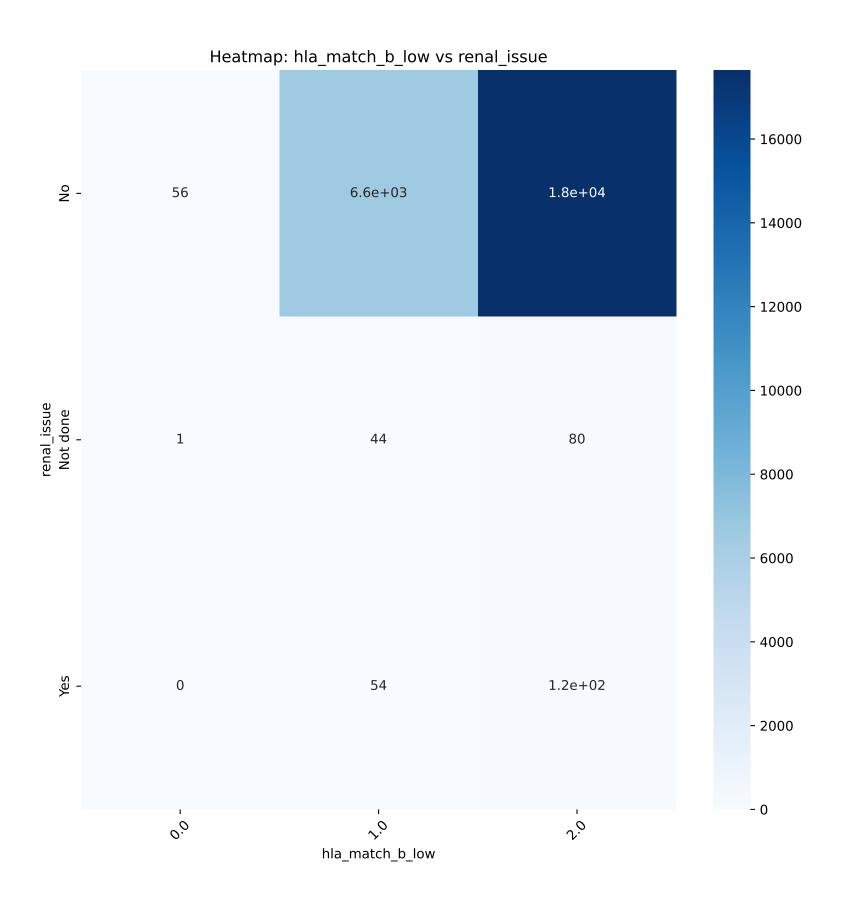
Heatmap: year\_hct vs renal\_issue

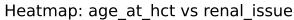


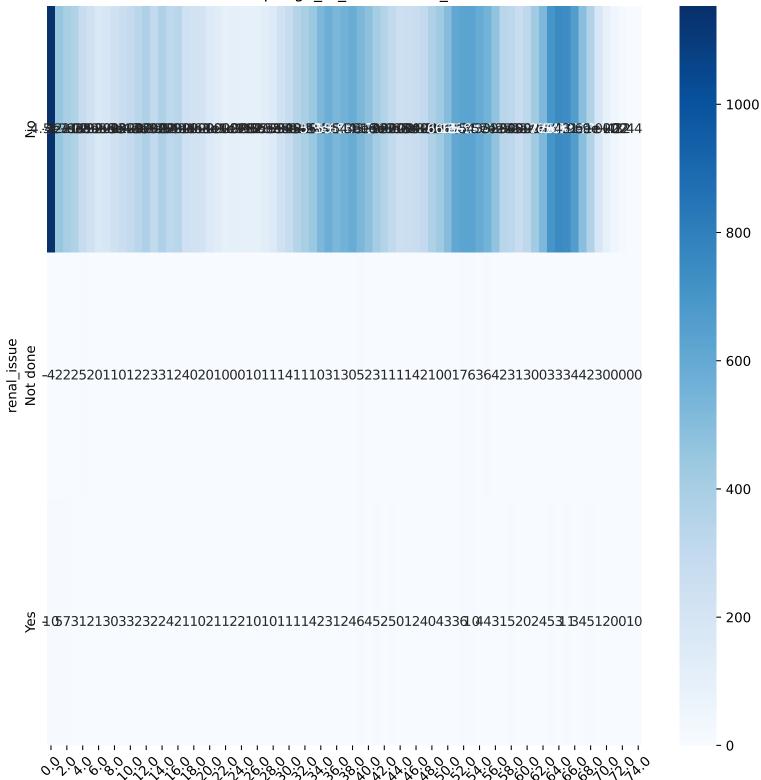


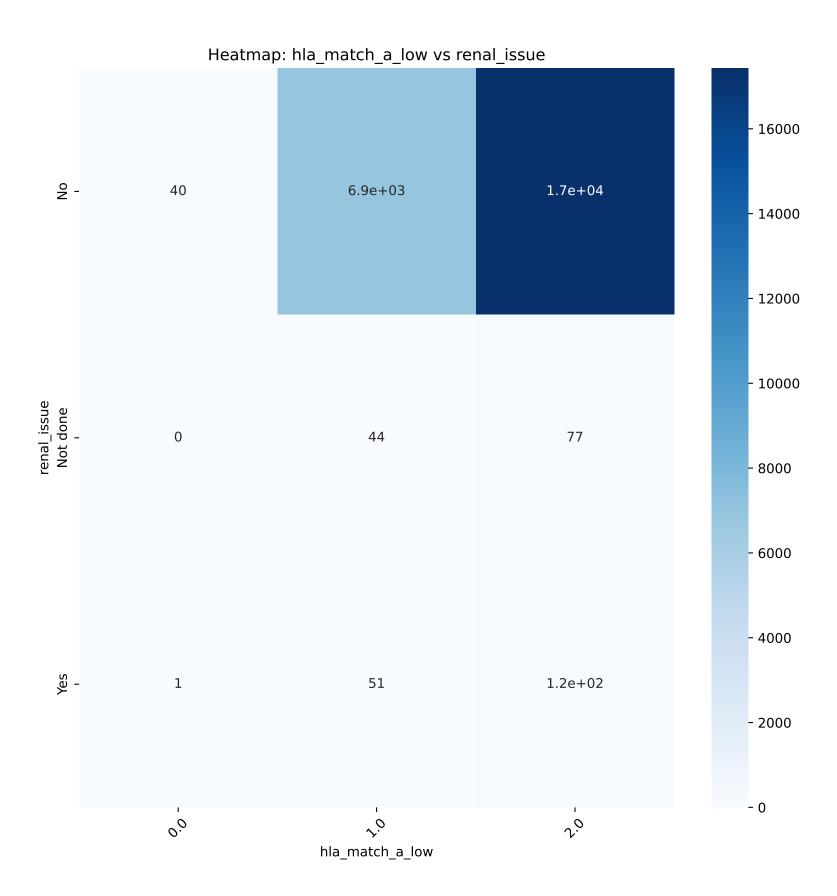


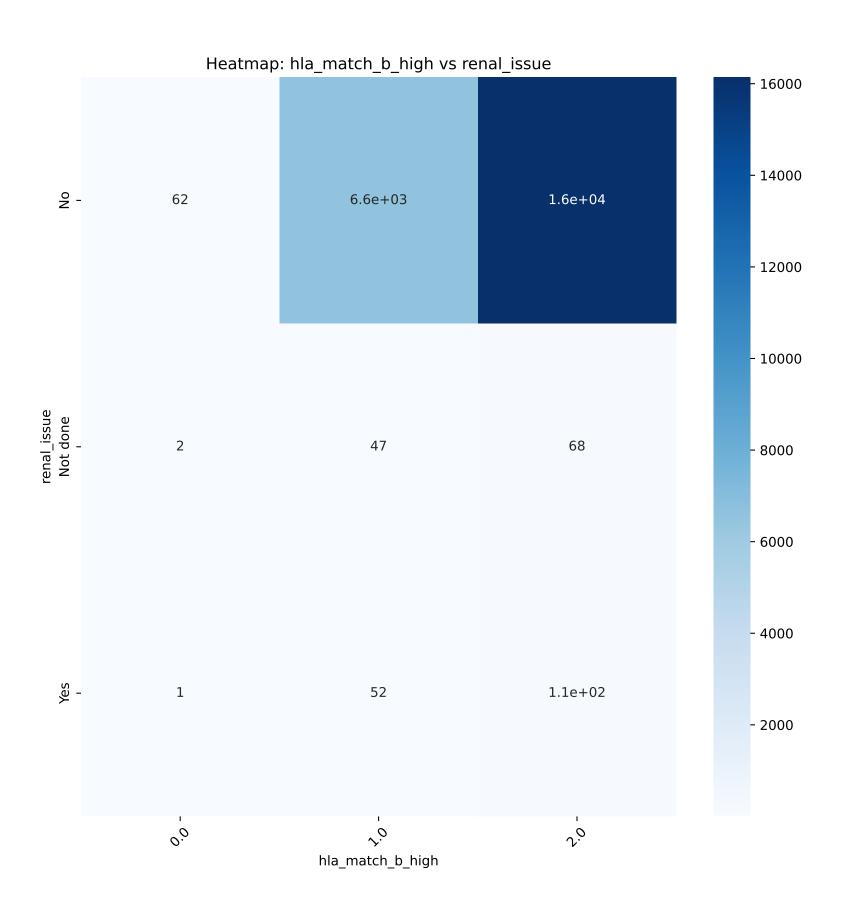


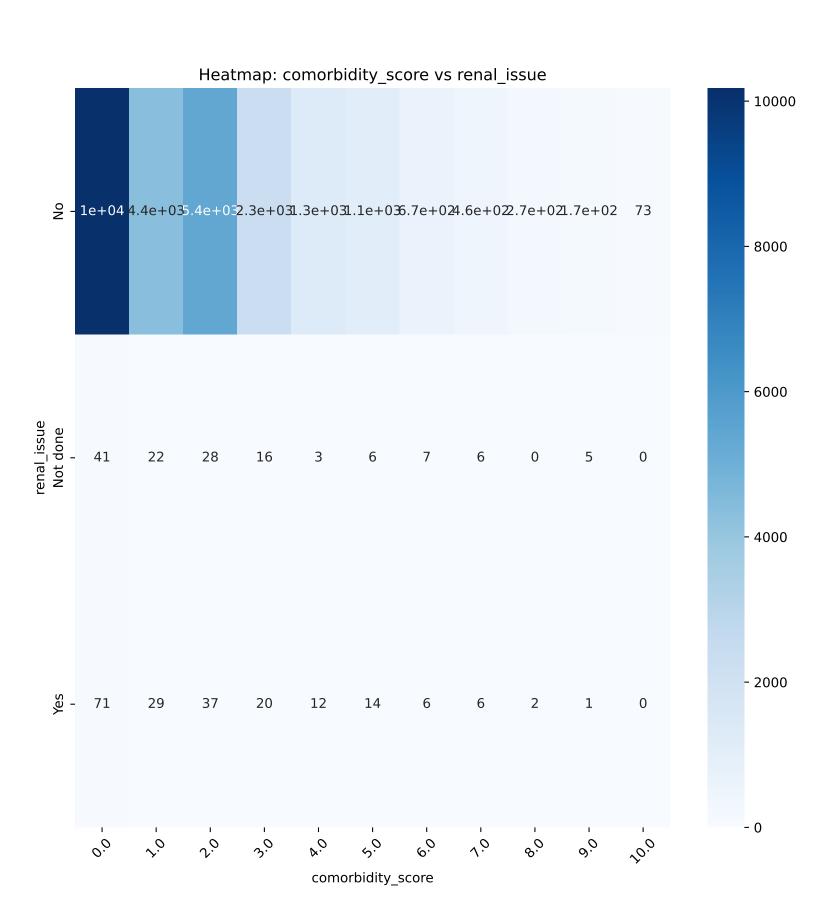


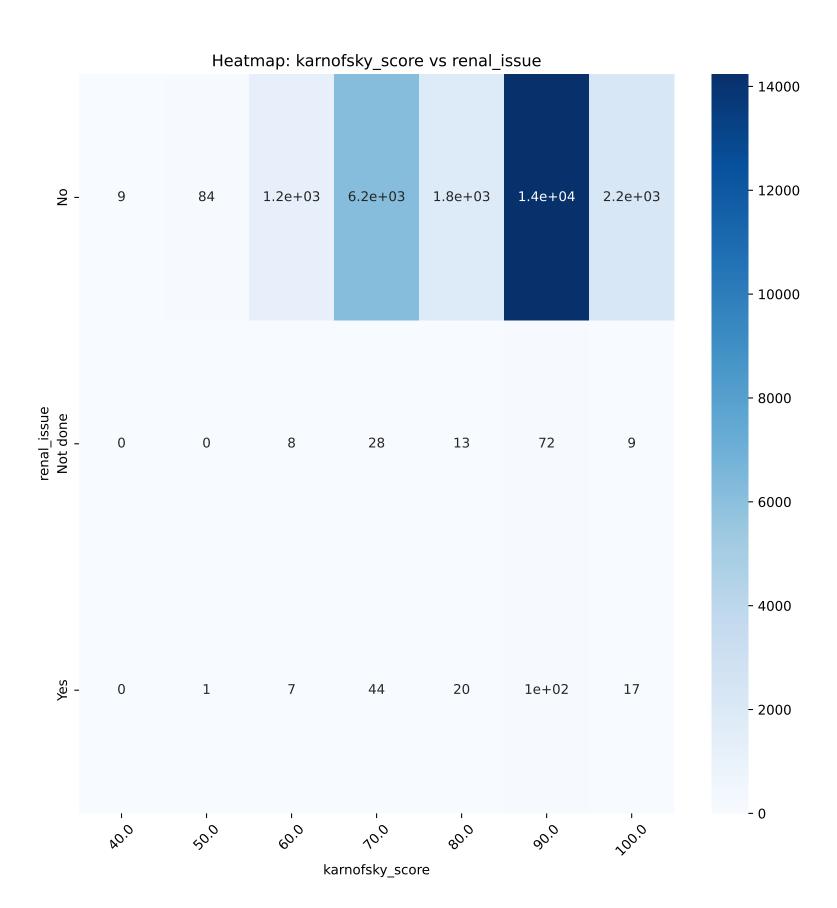




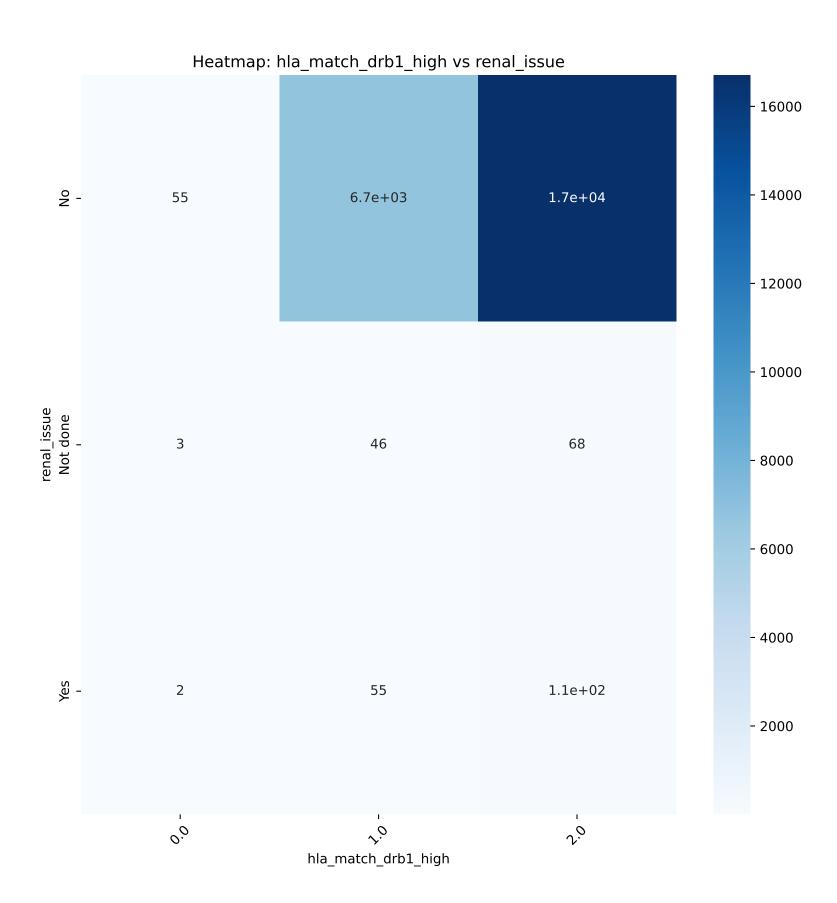




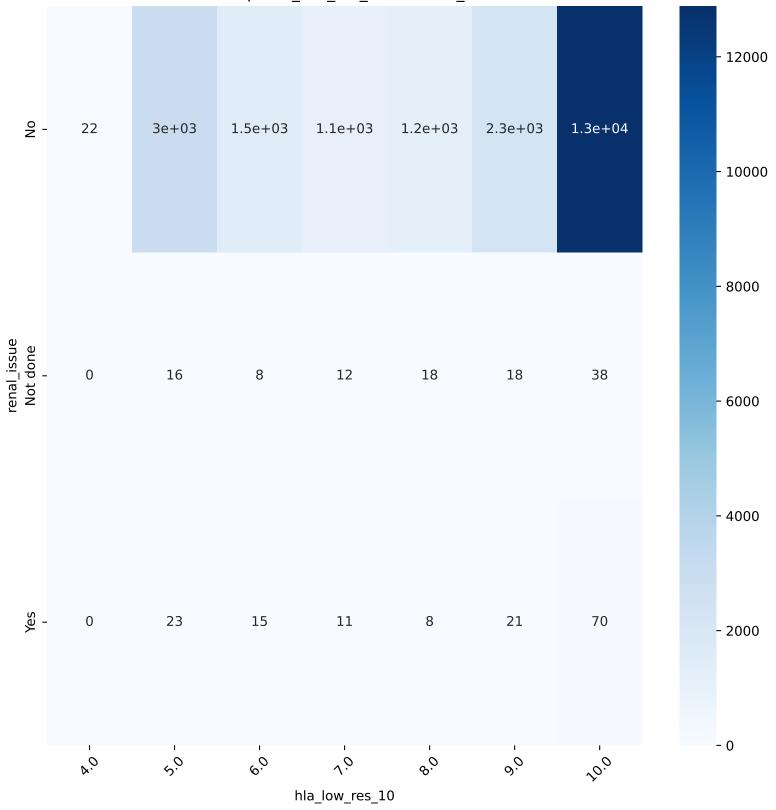


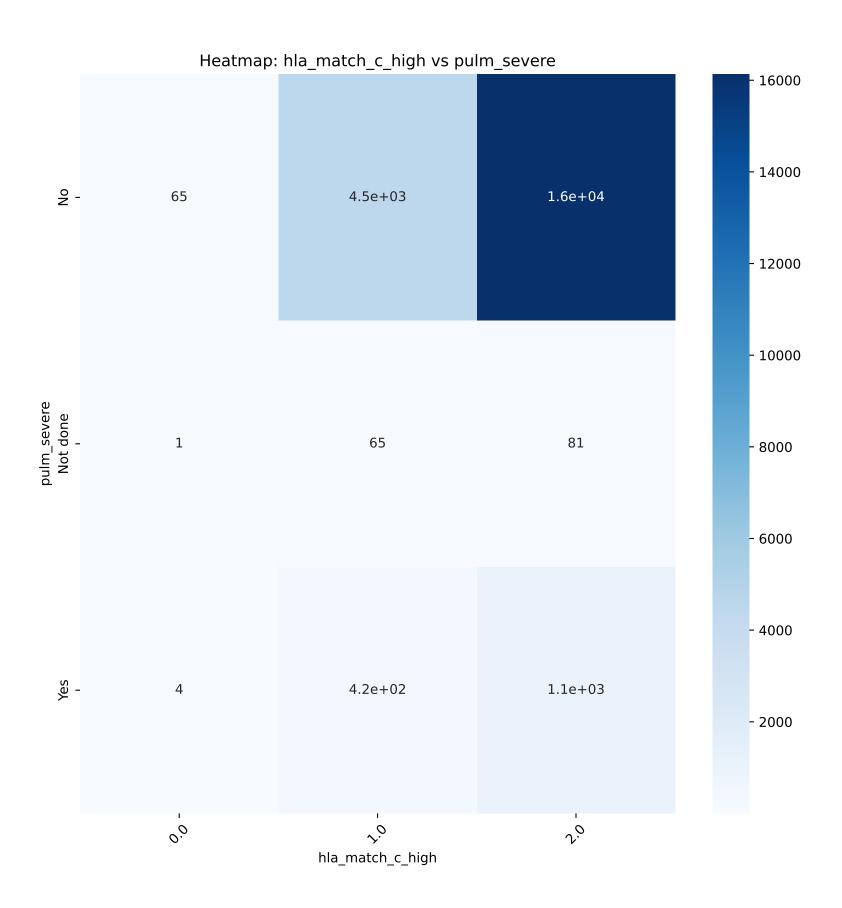


Heatmap: hla\_low\_res\_8 vs renal\_issue 14000 - 12000 ဍိ -1 21 3.9e+03 1.5e+03 1.3e+03 2.4e+03 1.4e+04 - 10000 8000 renal\_issue Not done ' 0 0 20 11 18 19 49 - 6000 - 4000 Yes -0 0 30 16 12 18 89 - 2000 - 0 ·. 0 10 Þ. . hla\_low\_res\_8



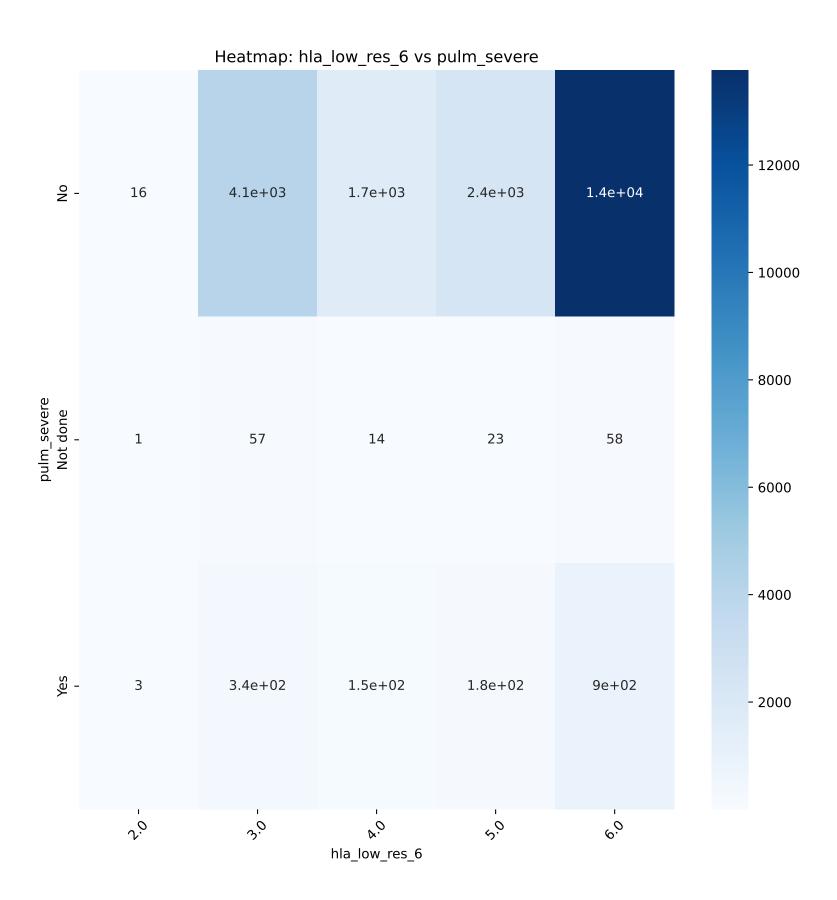
Heatmap: hla\_low\_res\_10 vs renal\_issue

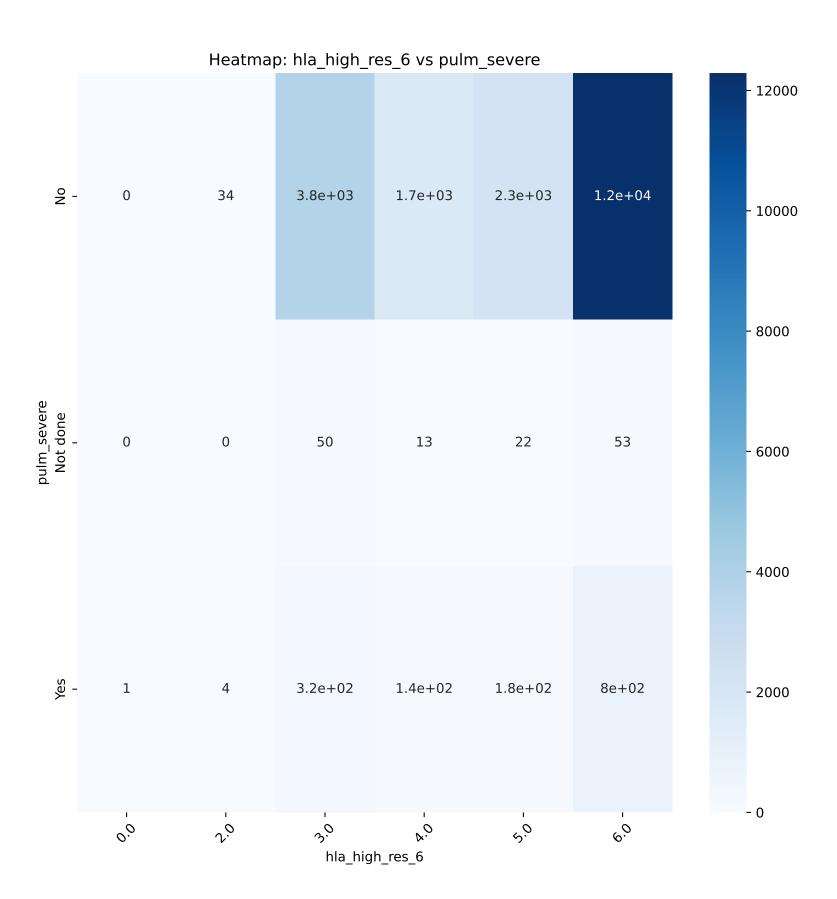




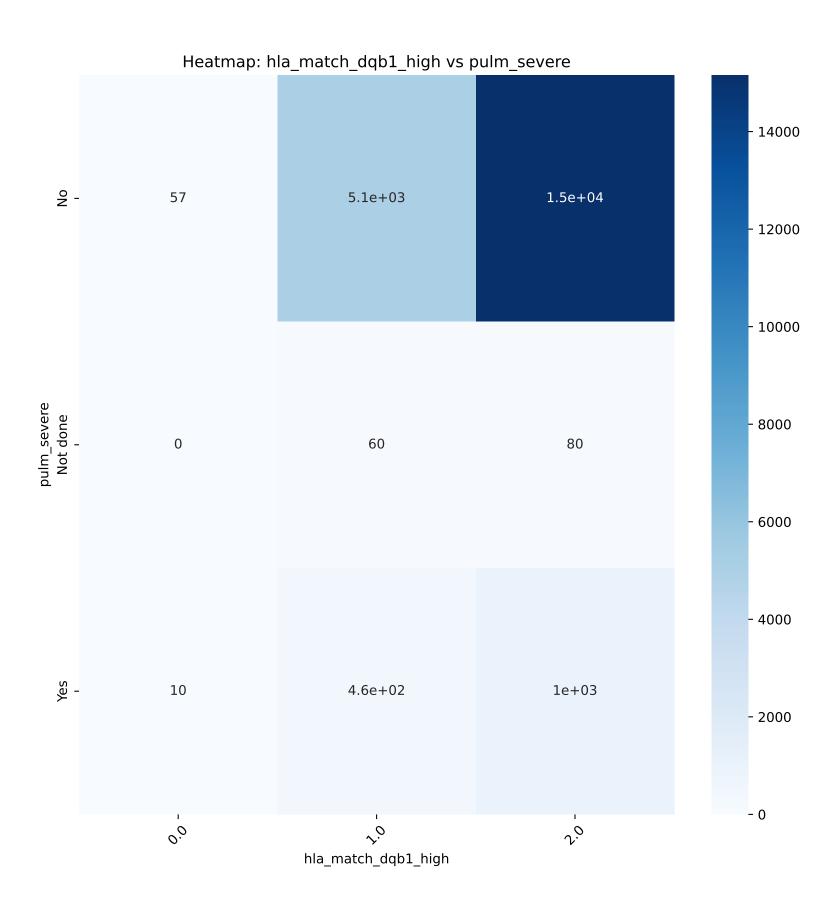
Heatmap: hla\_high\_res\_8 vs pulm\_severe - 10000 မှ -1.2e+04 1 23 3.2e+03 1.4e+03 1.3e+03 2e+03 8000 pulm\_severe Not done 6000 0 0 47 12 11 17 51 - 4000 Yes -1 2 2.8e+02 1.2e+02 86 1.5e+02 7.7e+02 - 2000 - 0 10 Þ. 0 60

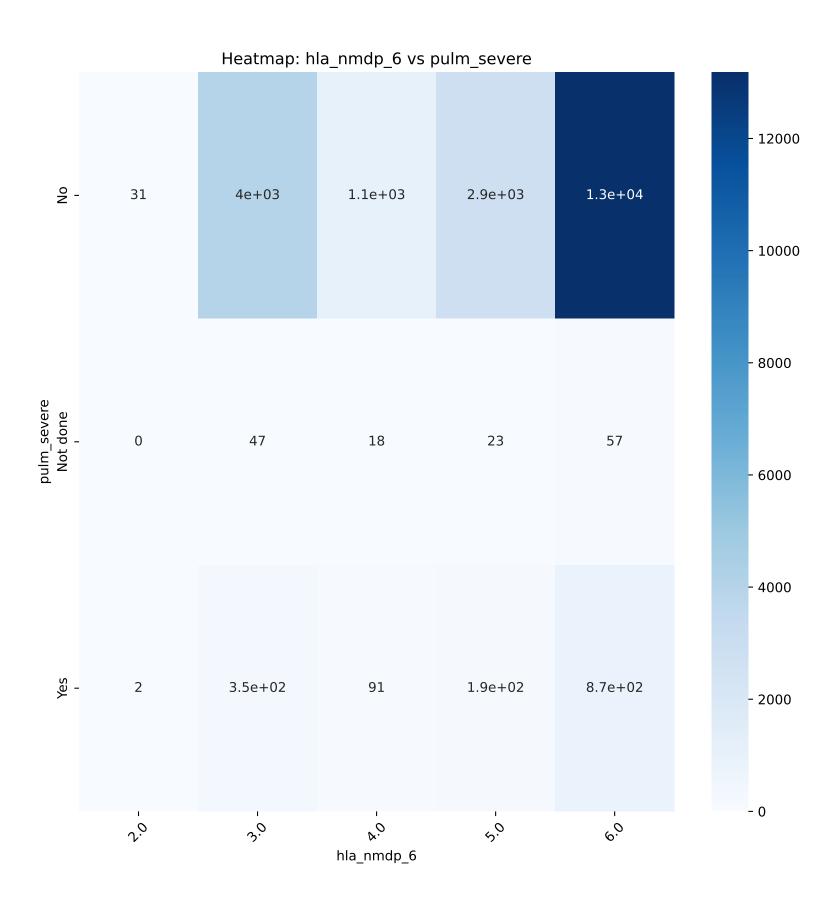
hla\_high\_res\_8

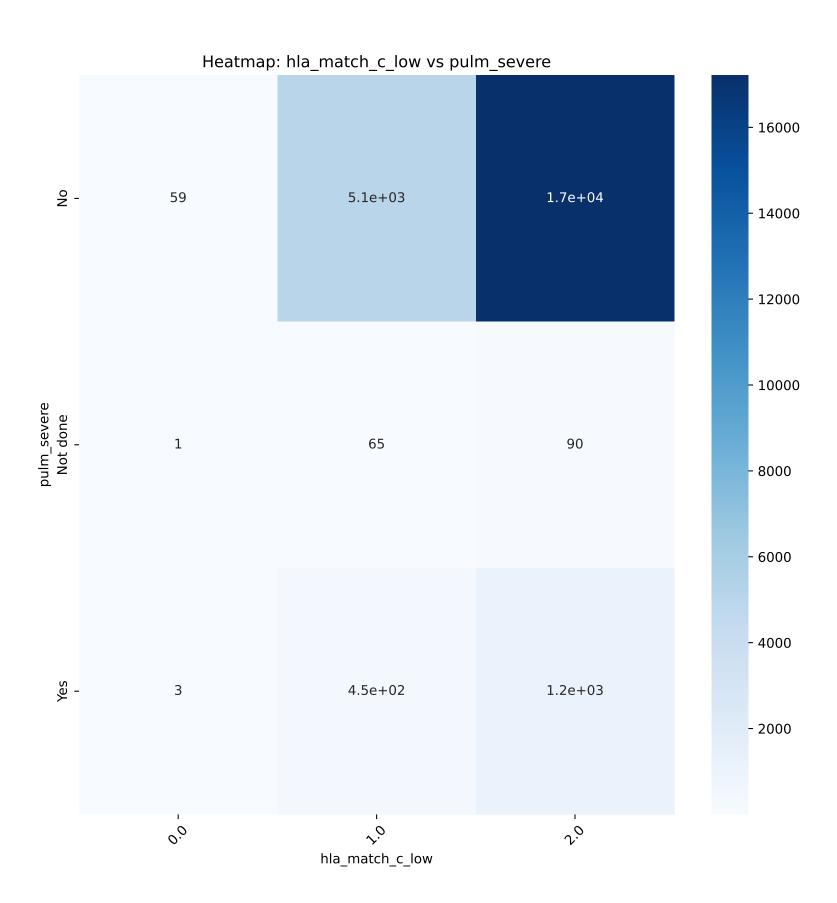


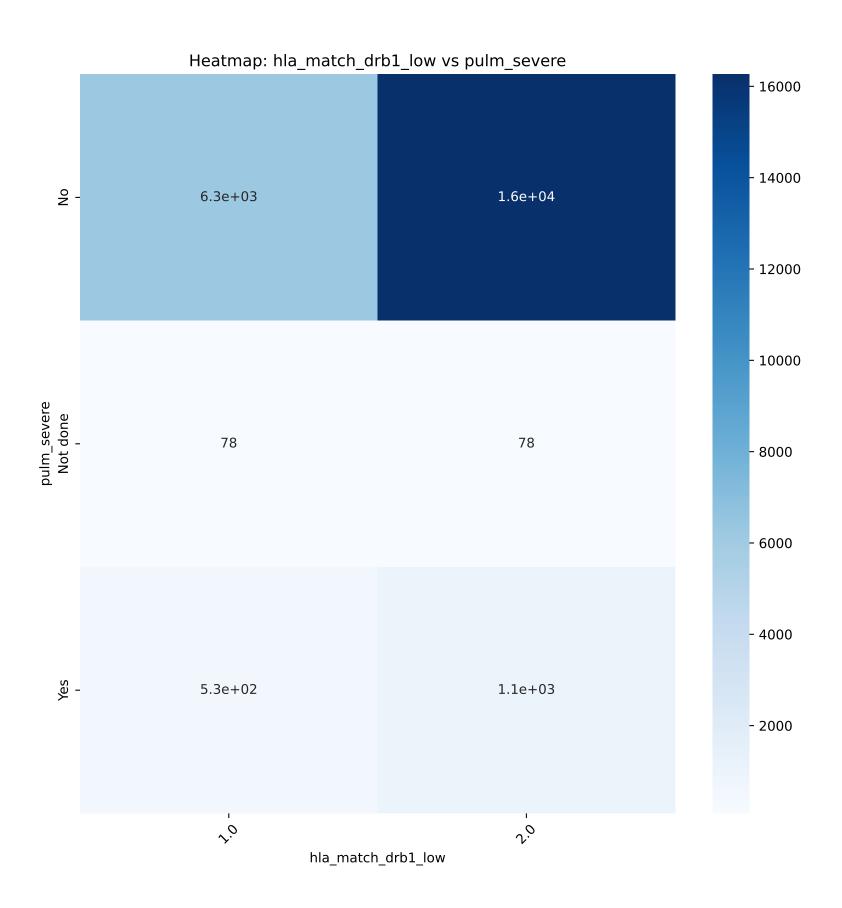


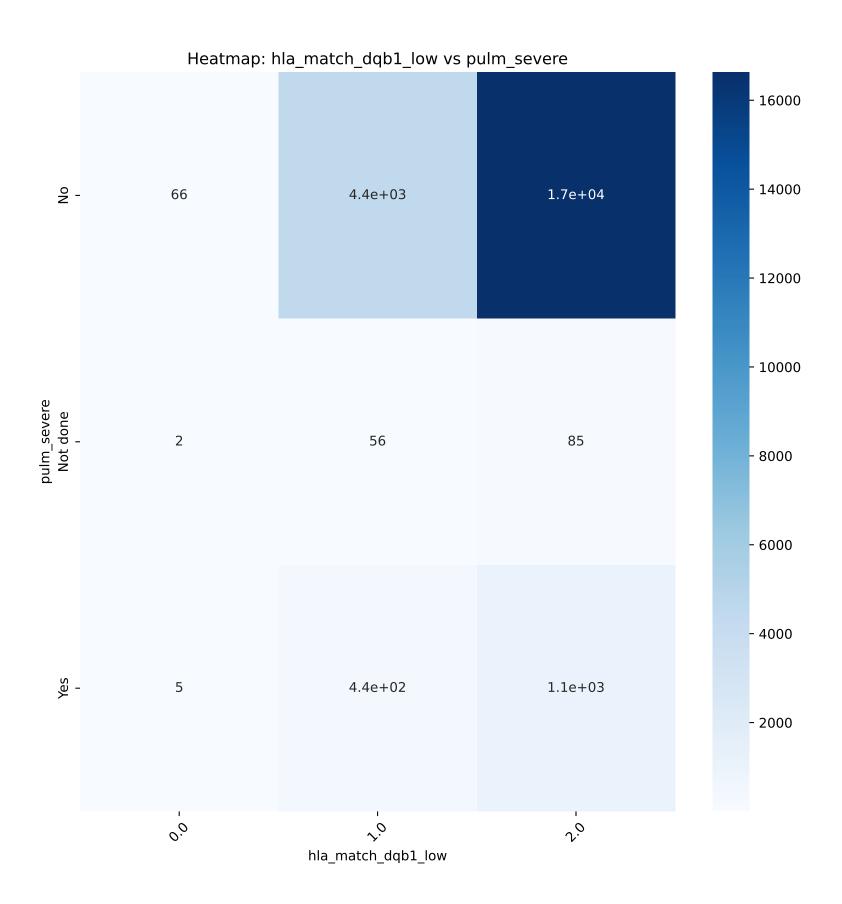
Heatmap: hla\_high\_res\_10 vs pulm\_severe - 10000 ₽ -2.6e+03 1.1e+03 9.8e+02 1.1e+03 1 20 2e+03 1.1e+04 8000 pulm\_severe Not done 6000 39 12 9 9 0 19 40 - 4000 - 2000 Yes -1 2.4e+02 74 92 1.6e+02 6.9e+02 92 - 0 8.0 °. \$. -10 hla\_high\_res\_10

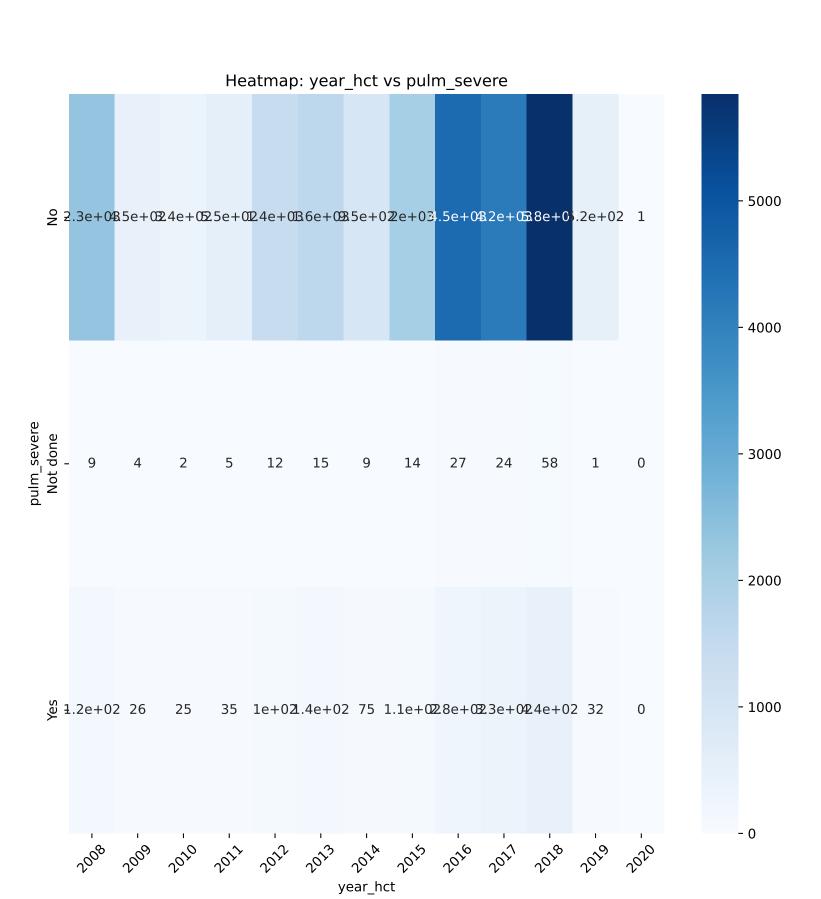


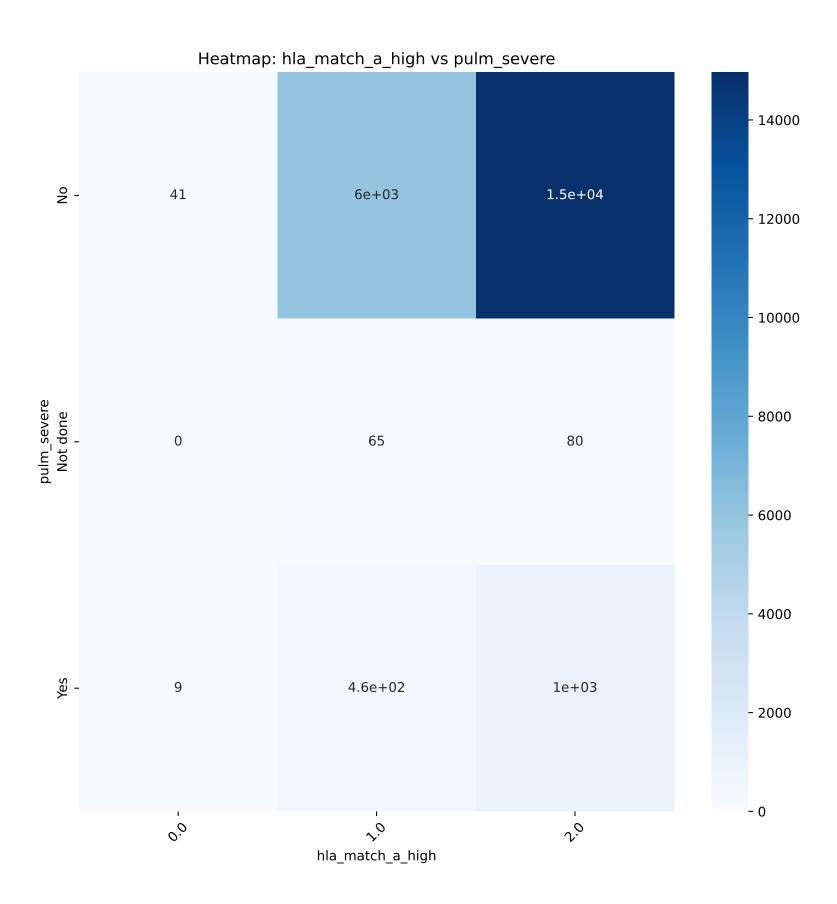




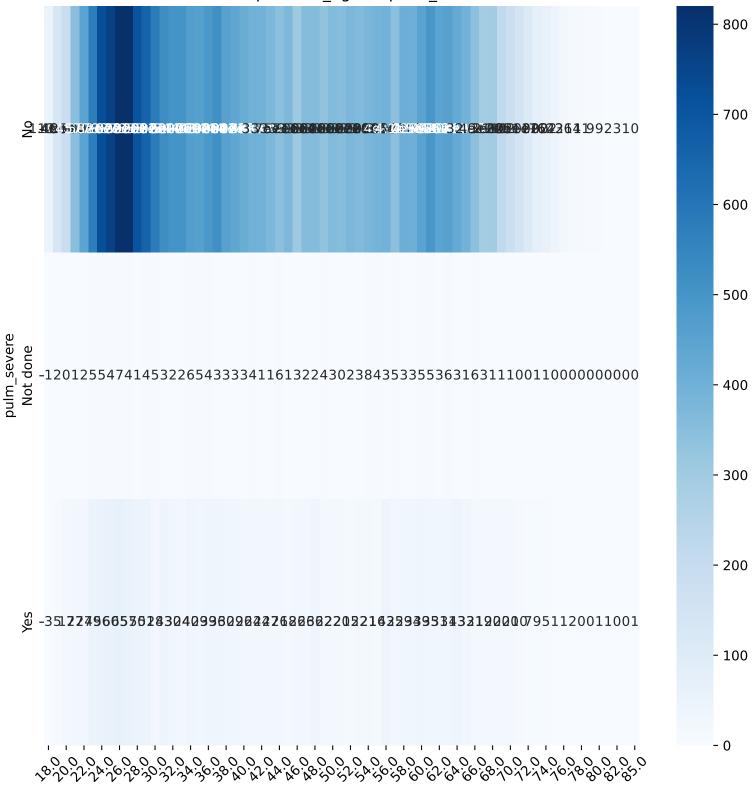


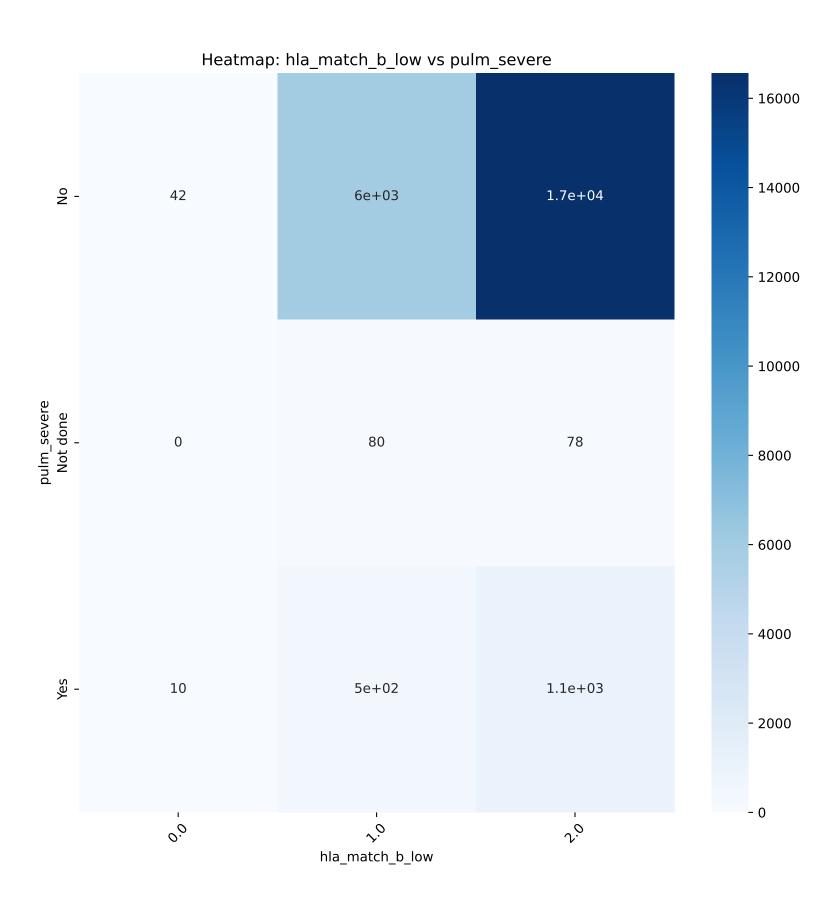


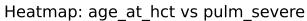


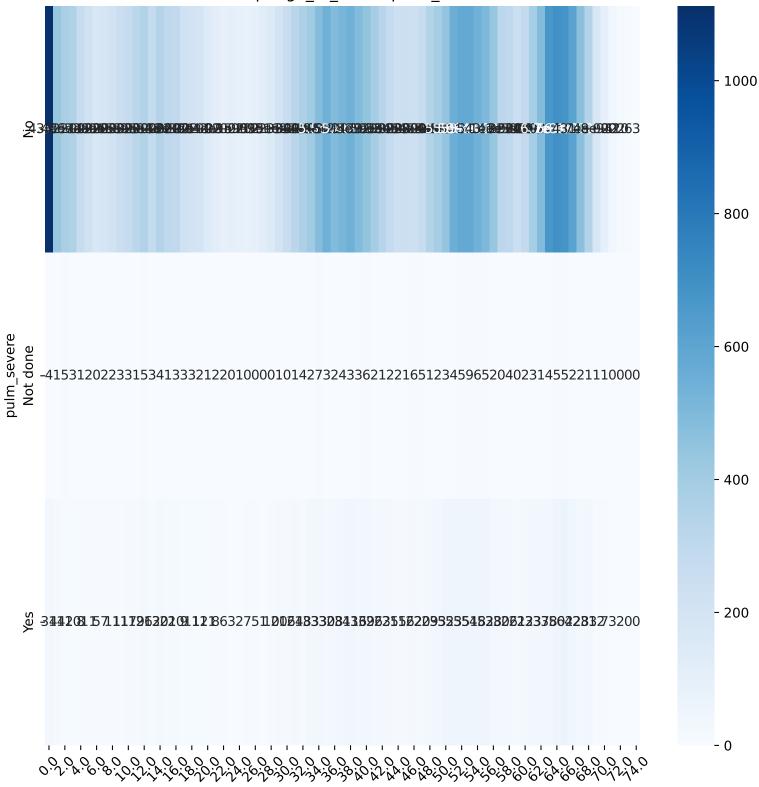


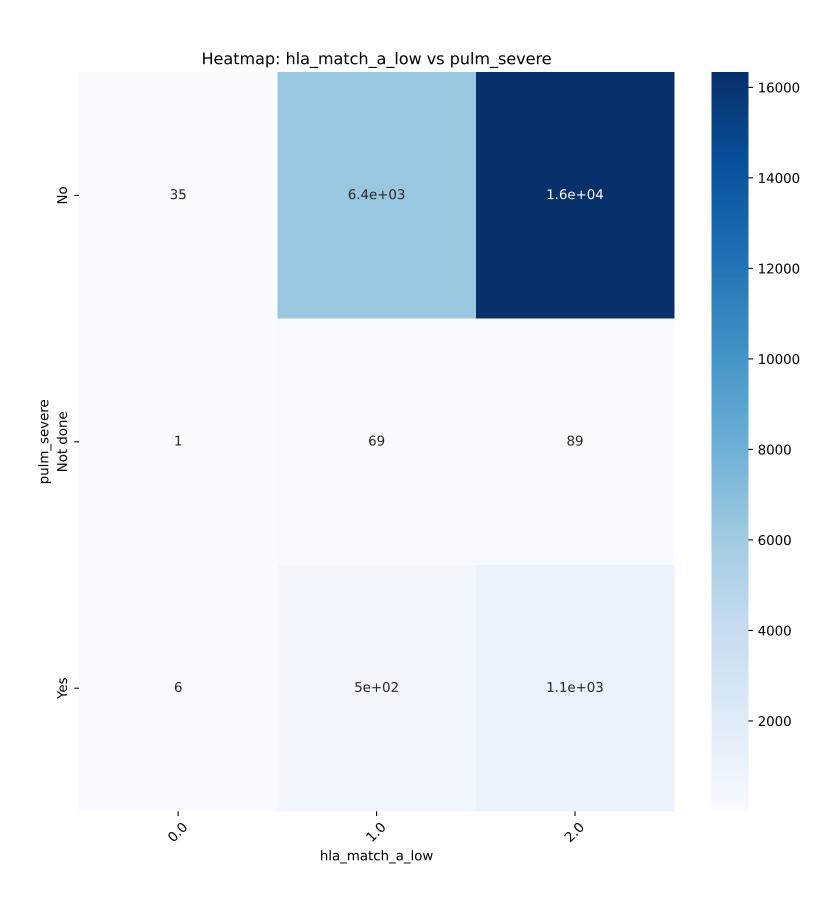
## Heatmap: donor\_age vs pulm\_severe

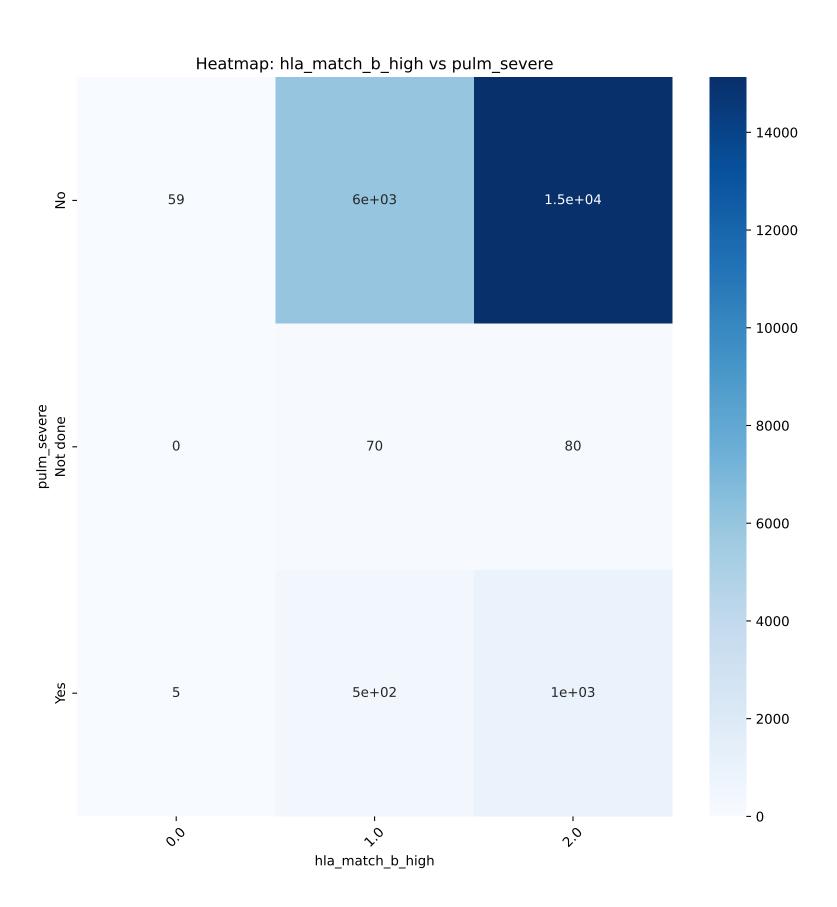


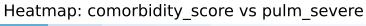


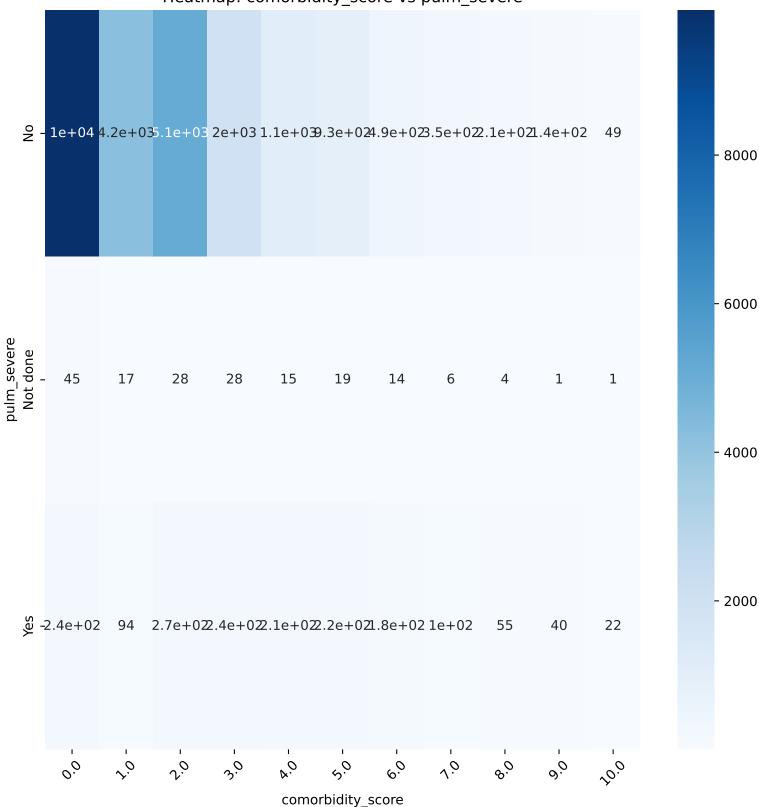


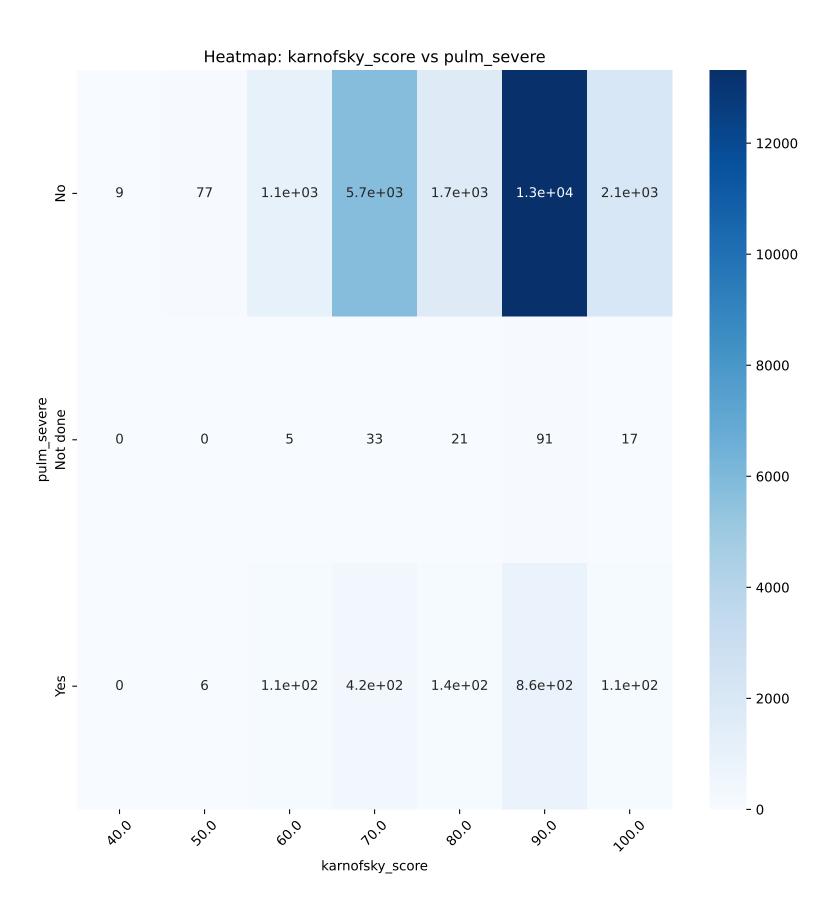




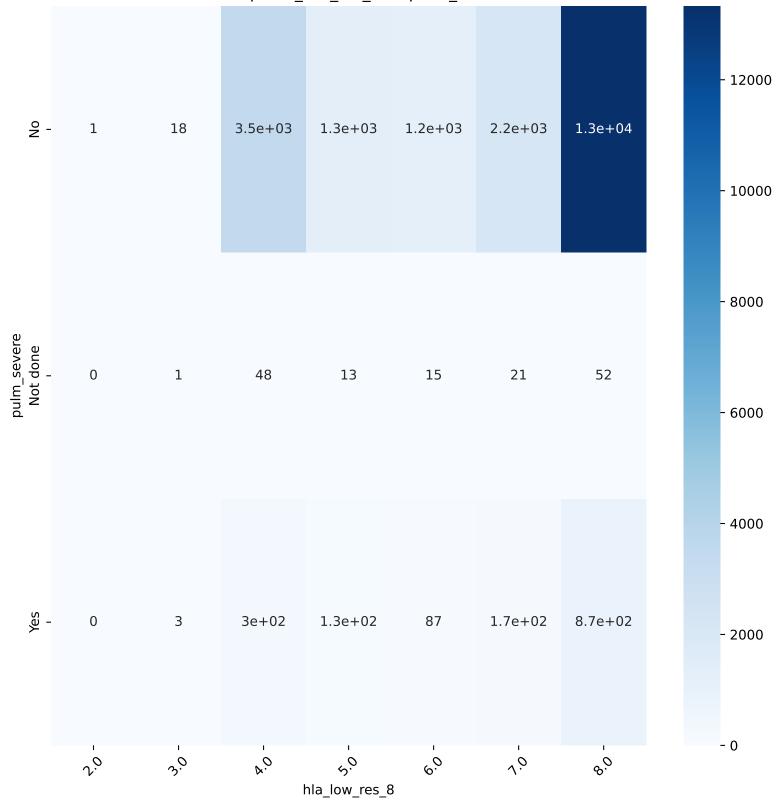


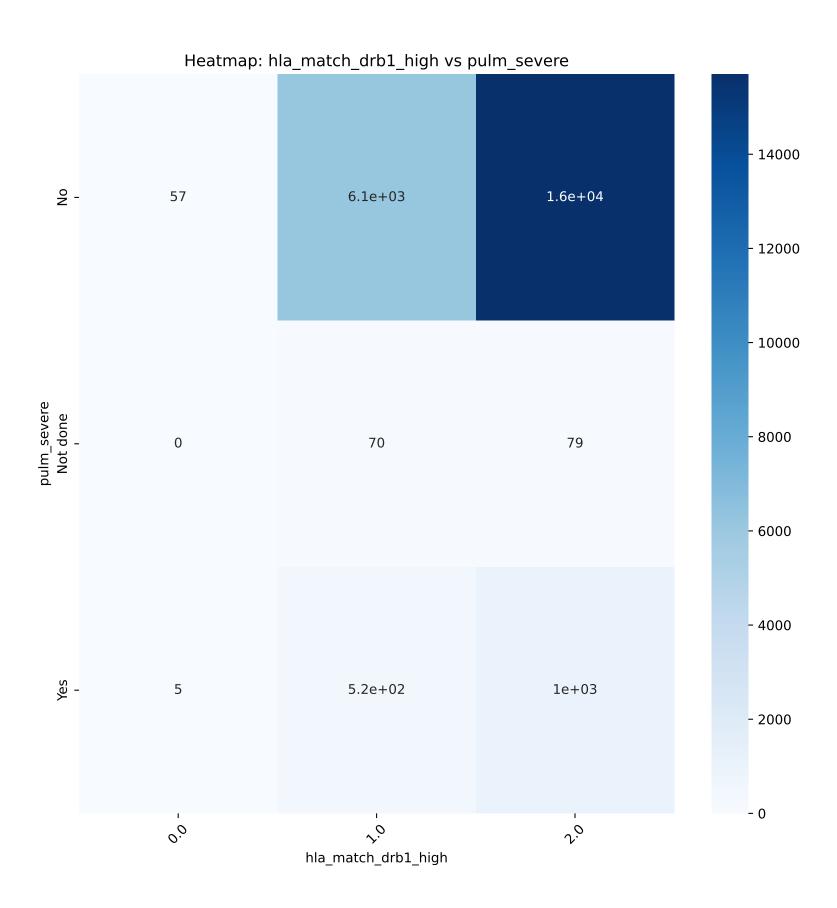






Heatmap: hla\_low\_res\_8 vs pulm\_severe





Heatmap: hla\_low\_res\_10 vs pulm\_severe 12000 ₽-1.2e+04 17 2.7e+03 1.3e+03 9.8e+02 1.2e+03 2.1e+03 - 10000 8000 pulm\_severe Not done 2 35 16 11 14 16 46 6000 - 4000 Yes -2.4e+02 1.2e+02 78 7.8e+02 86 1.8e+02 - 2000 60 40 90 80 hla\_low\_res\_10

### Heatmap: hla\_match\_c\_high vs prim\_disease\_hct

	rreactriap: m	a_maten_e_mgn vs pmi_		
AI -	0	54	3.6e+02	5000
ALL -	23	1.5e+03	5.3e+03	- 5000
AML -	16	1.8e+03	3.9e+03	
CML -	0	8	5	
HD -	0	7	40	- 4000
HIS -	1	54	3.5e+02	
IEA -	4	2.4e+02	1e+03	
IIS -	3	2.2e+02	6.2e+02	- 3000
IMD -	0	35	78	
IPA -	9	2.1e+02	1.3e+03	
MDS -	10	5.3e+02	2.1e+03	
MPN -	2	2.5e+02	1.1e+03	- 2000
NHL -	1	2.3e+02	7.8e+02	
r acute leukemia -	0	16	56	
Other leukemia -	1	36	2.7e+02	- 1000
PCD -	4	1.2e+02	6e+02	
SAA -	3	1e+02	4.3e+02	
Solid tumor -	2	31	1.3e+02	- 0
	00	رٰہ hla_match_c_high	2,0	U

Heatmap: hla\_high\_res\_8 vs prim\_disease\_hct

					· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · ·		
AI -	0	0	37	28	28	43	2.6e+02	
ALL -	0	9	1.1e+03	4.7e+02	4.6e+02	7.1e+02	3.8e+03	- 3500
AML -	1	10	1.4e+03	4.7e+02	3.6e+02	5.6e+02	2.7e+03	
CML -	0	1	7	1	0	0	4	- 3000
HD -	0	0	6	0	4	4	33	
HIS -	0	0	31	24	25	55	2.5e+02	
IEA -	0	0	1.5e+02	85	86	1.4e+02	7.2e+02	- 2500
IIS -	0	1	1.6e+02	76	58	89	4.2e+02	
IMD -	0	0	30	9	11	6	53	- 2000
IPA -	0	1	1e+02	67	78	1.5e+02	1.1e+03	
MDS -	0	3	3e+02	1.8e+02	1.6e+02	2.4e+02	1.7e+03	- 1500
MPN -	0	1	1.5e+02	74	85	1.2e+02	8.8e+02	1300
NHL -	0	0	1.6e+02	69	48	85	5.9e+02	
r acute leukemia -	0	0	11	3	3	9	46	- 1000
Other leukemia -	0	0	21	13	20	37	2e+02	
PCD -	0	2	60	45	50	79	4.5e+02	- 500
SAA -	1	0	75	26	34	45	3.3e+02	
Solid tumor -	0	0	22	7	12	14	93	
	2.0	3.0	Þ.O	80	60	10	80	- 0
			ŀ	nla_high_res_	8			

Heatmap: hla\_low\_res\_6 vs prim\_disease\_hct

AI -	1	58	30	50	2.9e+02	
ALL -	10	1.4e+03	5.9e+02	8.3e+02	4.4e+03	- 4000
AML -	5	1.8e+03	5.2e+02	6.3e+02	3.1e+03	
CML -	0	8	1	0	6	- 3500
HD -	0	7	2	7	34	
HIS -	0	49	47	58	2.7e+02	- 3000
IEA -	1	2.1e+02	1.2e+02	1.9e+02	8e+02	
IIS -	0	2.1e+02	98	1.2e+02	4.9e+02	- 2500
IMD -	1	42	10	12	68	
IPA -	0	1.3e+02	91	1.5e+02	1.2e+03	- 2000
MDS -	2	3.7e+02	2.3e+02	2.6e+02	1.9e+03	
MPN -	0	1.9e+02	1e+02	1.4e+02	1e+03	- 1500
NHL -	0	2.2e+02	57	1.1e+02	7.2e+02	
r acute leukemia -	1	12	1	7	54	- 1000
Other leukemia -	0	33	17	48	2.3e+02	1000
PCD -	0	95	63	1e+02	5.2e+02	- 500
SAA -	1	88	53	69	4e+02	500
Solid tumor -	0	35	17	25	1e+02	- 0
	2.0	3.0	k.O hla_low_res_6	<i>∞</i> .	6.0	- 0

Heatmap: hla\_high\_res\_6 vs prim\_disease\_hct

			· · · · · <u>-</u> · · · · <b>3</b> · · <u>-</u> · · - · .				_	
AI -	0	0	55	37	46	2.7e+02		
ALL -	0	13	1.3e+03	6.1e+02	8.1e+02	3.9e+03		- 3500
AML -	1	16	1.7e+03	5.5e+02	6.2e+02	2.7e+03		
CML -	0	1	8	0	0	5		
HD -	0	0	6	3	6	33		- 3000
HIS -	0	0	42	34	58	2.6e+02		
IEA -	0	1	1.9e+02	1.2e+02	1.6e+02	7.6e+02		- 2500
IIS -	0	2	2e+02	94	1e+02	4.4e+02		
IMD -	0	0	37	14	9	57		- 2000
IPA -	0	2	1.2e+02	91	1.7e+02	1.1e+03		
MDS -	0	4	3.5e+02	2.4e+02	2.8e+02	1.7e+03		4.500
MPN -	0	2	1.7e+02	1.2e+02	1.5e+02	9.1e+02		- 1500
NHL -	0	0	2e+02	72	99	6.2e+02		
r acute leukemia -	0	0	12	3	10	48		- 1000
Other leukemia -	0	0	28	22	43	2.1e+02		
PCD -	0	1	80	61	97	4.6e+02		- 500
SAA -	0	1	88	46	52	3.4e+02		
Solid tumor -	0	0	26	15	12	97		0
	0.0	2.0	၇ hla_higl	, h_res_6	80	60.		- 0

Heatmap: hla\_high\_res\_10 vs prim\_disease\_hct

AI -	0	0	34	21	22	24	50	2.4e+02	
ALL -	0	6	9.1e+02	3.9e+02	3.6e+02	3.8e+02	6.9e+02	3.4e+03	
AML -	0	13	1.2e+03	4.2e+02	2.9e+02	3.1e+02	5.2e+02	2.4e+03	- 3000
CML -	0	1	7	0	1	0	0	4	
HD -	0	0	4	2	1	3	4	32	- 2500
HIS -	0	0	26	13	22	26	56	2.2e+02	
IEA -	0	0	1.3e+02	63	53	83	1.5e+02	6.5e+02	
IIS -	0	1	1.3e+02	70	50	53	79	3.7e+02	- 2000
IMD -	0	0	26	7	11	6	6	48	
IPA -	0	0	70	54	54	72	1.5e+02	1e+03	
MDS -	0	1	2.3e+02	1.2e+02	1.4e+02	1.3e+02	2.6e+02	1.5e+03	- 1500
MPN -	0	1	1.1e+02	63	57	73	1.2e+02	8.1e+02	
NHL -	0	0	1.5e+02	48	37	48	80	5.2e+02	- 1000
r acute leukemia -	0	0	10	2	1	3	7	43	
Other leukemia -	0	0	19	7	13	17	38	1.9e+02	
PCD -	0	2	47	36	40	46	89	4e+02	- 500
SAA -	1	0	66	24	21	27	58	2.9e+02	
Solid tumor -	0	0	19	6	7	14	13	78	0
	3.0	<i>∞</i> ,0	5.0	60	10	%	90	20.0	- 0
				hla_high	_res_10				

Heatmap	: hla	match	dab1	high vs	prim	disease	hct
ricacinap	). IIIG	maccii	445±	Tingii vo	Pilli	aiscasc	1100

AI -	0	95	3.2e+02	
ALL -	22	1.8e+03	4.9e+03	
AML -	21	1.9e+03	3.6e+03	
CML -	0	8	6	- 4000
HD -	0	6	44	
HIS -	2	78	3.2e+02	
IEA -	2	2.9e+02	9.6e+02	2000
IIS -	2	2.8e+02	5.6e+02	- 3000
IMD -	0	50	67	
IPA -	3	1.6e+02	1.4e+03	
MDS -	8	4.4e+02	2.1e+03	- 2000
MPN -	5	2.4e+02	1.1e+03	
NHL -	2	2.7e+02	7.2e+02	
r acute leukemia -	1	12	58	
Other leukemia -	1	49	2.5e+02	- 1000
PCD -	7	1.6e+02	5.6e+02	
SAA -	1	1.6e+02	4.1e+02	
Solid tumor -	0	54	1.1e+02	
	0.0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2.0	- 0

Heatmap: hla\_nmdp\_6 vs prim\_disease\_hct

AI -	0	54	24	50	2.8e+02	- 4000
ALL -	12	1.3e+03	4.3e+02	9.9e+02	4.2e+03	
AML -	11	1.7e+03	4e+02	8e+02	3e+03	- 3500
CML -	0	8	0	2	5	
HD -	0	5	3	11	29	2000
HIS -	0	51	21	60	2.8e+02	- 3000
IEA -	3	2.3e+02	47	1.9e+02	8.2e+02	
IIS -	0	2.1e+02	28	1.5e+02	5e+02	- 2500
IMD -	0	44	5	14	64	
IPA -	0	1.6e+02	34	1.6e+02	1.2e+03	- 2000
MDS -	4	4.1e+02	93	3.1e+02	1.9e+03	
MPN -	2	2e+02	65	1.7e+02	9.8e+02	- 1500
NHL -	2	2.2e+02	46	1.2e+02	6.7e+02	
r acute leukemia -	1	10	4	11	48	- 1000
Other leukemia -	0	30	16	38	2.3e+02	
PCD -	0	99	39	1.1e+02	5e+02	- 500
SAA -	0	1e+02	25	83	3.7e+02	
Solid tumor -	0	37	4	25	1e+02	5.0
	2.0	3.0	hla_nmdp_6	50	6.0	- 0

### Heatmap: hla\_match\_c\_low vs prim\_disease\_hct

AI -	1	64	3.7e+02	
ALL -	20	1.7e+03	5.6e+03	- 5000
AML -	18	2.1e+03	4.1e+03	3000
CML -	0	8	7	
HD -	0	5	47	
HIS -	0	59	3.7e+02	- 4000
IEA -	3	2.6e+02	1.1e+03	
IIS -	3	2.3e+02	7.1e+02	
IMD -	0	40	95	- 3000
IPA -	7	2.3e+02	1.4e+03	
MDS -	12	5.7e+02	2.2e+03	
MPN -	8	2.6e+02	1.2e+03	- 2000
NHL -	0	2.6e+02	8.7e+02	
r acute leukemia -	1	12	63	
Other leukemia -	0	41	3e+02	- 1000
PCD -	4	1.3e+02	6.6e+02	
SAA -	1	1.1e+02	5.3e+02	
Solid tumor -	1	41	1.4e+02	0
	0.0	ہٰہٰ hla_match_c_low	2.0	- 0

# Heatmap: hla\_match\_drb1\_low vs prim\_disease\_hct

AI -	98	3.3e+02	5000					
ALL -	2.1e+03	5.3e+03	- 5000					
AML -	2.3e+03	3.9e+03						
CML -	8	7						
HD -	14	39	- 4000					
HIS -	1.3e+02	3e+02						
IEA -	4.5e+02	9.2e+02						
IIS -	3.9e+02	5.5e+02	- 3000					
IMD -	64	71	3000					
IPA -	2e+02	1.4e+03						
MDS -	5.5e+02	2.3e+03						
MPN -	3.1e+02	1.2e+03	- 2000					
NHL -	3.1e+02	8.5e+02						
r acute leukemia -	16	62						
Other leukemia -	82	2.6e+02	- 1000					
PCD -	2.1e+02	5.9e+02						
SAA -	1.9e+02	4.5e+02						
Solid tumor -	66	1.2e+02						
	hla_match_drb1_low							

Heatmap:	hla	match	dab1	low v	s prim	disease	hct
ricacinap.	ilia	maccii	GGDI	10 44 4	5 PI IIII	aiscasc	1100

	medemap: ma_	_maten_adb1_low vs pim	1_disease_free	
AI -	1	84	3.4e+02	
ALL -	30	1.6e+03	5.3e+03	- 5000
AML -	20	1.8e+03	4e+03	
CML -	0	8	6	
HD -	0	8	43	- 4000
HIS -	2	70	3.3e+02	
IEA -	6	2.5e+02	1.1e+03	
IIS -	4	2.4e+02	6.4e+02	- 3000
IMD -	0	45	80	3000
IPA -	6	1.3e+02	1.4e+03	
MDS -	6	3.6e+02	2.3e+03	
MPN -	3	2.2e+02	1.2e+03	- 2000
NHL -	6	2.3e+02	8.2e+02	
r acute leukemia -	0	14	57	
Other leukemia -	0	55	2.7e+02	- 1000
PCD -	5	1.2e+02	6.3e+02	
SAA -	2	1.4e+02	4.7e+02	
Solid tumor -		54	1.2e+02	- 0
	0.0	\_\overline{\cappa_\chick} hla_match_dqb1_low	20	U

ricacinapi year nee vo pinni albeade nee	Heatmap: y	year	hct '	VS	prim	disease	hct
--	------------	------	-------	----	------	---------	-----

AI -	23	9	2	9	14	30	15	25	71	82 1	L.6e+02	10	0	
ALL -	7e+0 <b>2</b>	.6e+012	22e+012	.5e+0	42.6e+052	22e+032	3e+Œ	29e+0	<b>2</b> 3e+013.	4e+Œ	81e+01.	9e+02	2	- 2000
AML €	5.2e+012	.4e+012	2.1e+012	.7e+0	24e+024	.1e+022	2e+0	<b>Z</b> /e+02	1.2e+0B	3e+0	B7e+01.	5e+02	0	
CML -	0	1	1	0	0	2	1	0	5	6	4	0	0	- 1750
HD -	2	0	1	1	1	0	4	3	13	7	15	7	0	
HIS -	33	3	4	2	13	36	25	20	62	65 1	L.5e+02	28	0	- 1500
IEA -	97	14	9	16	52	81	73	84	3e+0 <b>2</b> .	1e+0	<b>2</b> 4e+02	73	1	
IIS <del>1</del>	1e+02	11	13	9	49	55	41	75 2	2.2e+012	4e+0	<b>2</b> 6e+02	45	0	- 1250
IMD -	24	1	1	3	6	7	7	10	29	18	35	3	0	
IPA -	1e+02	23	19	52	1.1e+012	25e+02	73 1	1.2e+Œ	22.4e+022	6e+0	<b>2</b> 3e+02	37	0	- 1000
MDS 2	2.4e+02	50	44	81	2.1e+022	21e+012	2e+02	28e+Œ	28e+042	9e+0	26e+02	83	1	
MPN <del>1</del>	5e+02	40	33	43	88 1	.2e+02	48	97 2	2.3e+0 <b>2</b> 2	8e+0	<b>2</b> 8e+02	50	0	- 750
NHL <del>1</del>	8e+02	2 17	14	29	80	94	41	86 2	2.3e+012	9e+Œ	<b>2</b> 3e+02	30	0	
r acute leukemia -	4	1	0	1	5	3	2	11	17	14	24	1	0	- 500
Other leukemia -	28	9	2	5	14	26	18	26	65	50	1e+02	19	0	
PCD -	1e+02	10	6	9	33	67	37	51 1	1.9e+012	2e+0	<b>2</b> 2e+02	28	0	- 250
SAA -	97	17	4	9	29	48	29	57 1	1.4e+02	98 1	L.6e+02	21	0	230
Solid tumor -	34	2	2	3	14	16	9	12	47	32	36	0	0	
	2008	2009	2020	2017	2022	2013	2014	2015	2016	2017	2028	2029	2020	- 0
	•	•	•	•	•		ear_ho	it .	•	•	•	•	•	

Haatmar	) · hl	match	$\sim$	hiah	\ /C	nrım	dicasca	n c t
Heatmap	). IIIa	HIALLI	а	111(111	$\sim$		UISEASE	110

	riedemap: m	a_matem_a_mgn vs pmm_	_4196496_1166	
AI -	0	1e+02	3.1e+02	
ALL -	12	2.1e+03	4.8e+03	
AML -	16	2.4e+03	3.4e+03	4000
CML -	1	8	5	- 4000
HD -	0	13	37	
HIS -	2	78	3.2e+02	
IEA -	2	3.2e+02	9.6e+02	- 3000
IIS -	5	2.8e+02	5.8e+02	
IMD -	0	48	77	
IPA -	4	2.4e+02	1.3e+03	
MDS -	7	6.1e+02	2.1e+03	- 2000
MPN -	6	2.9e+02	1.1e+03	
NHL -	3	2.8e+02	7.5e+02	
r acute leukemia -	0	15	58	
Other leukemia -	0	50	2.6e+02	- 1000
PCD -	1	1.4e+02	5.9e+02	
SAA -	4	1.3e+02	4.2e+02	
Solid tumor -		40	1.2e+02	- 0
	0.0	hla_match_a_high	2,0	v

### Heatmap: donor\_age vs prim\_disease\_hct

AI -013541 <b>01702</b> 891 <b>906151</b> 171051 <b>6</b> 181275236473956853626616359574474100100010000	
ALL 2BR@251888888888888888888888888888888888888	- 300
AML 1470 72 22 20 12 12 13 14 14 15 15 14 14 15 15 14 14 15 15 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	
CML -00000212020011200000000001001000002000101000000	- 250
HD -00101251642011310001020000001001000110010100110001000	
HIS -1174111626564600019550734747636763415654225365442262312040000000000	
IEA -21 <b>123096669082032622259923688950</b> 331034221450917530871010752211000010000	- 200
IIS -241 <b>44204525588345480526852263457132</b> 0816171298515128810166262134201010101000	
IMD -001273627243332162443454002013311233201012400101002010000000000	
IPA -41203866665542028228913662261950228900293653842936202324863322121100	- 150
MDS -7263 <b>878+10999026</b> 55336255603338040655942365652682606649553236905503110010	
MPN -28130585438653184823174295829033043255493308333993181337675200100100	
NHL-05910829673262998060491992191037722222735330027188591366312220000000	- 100
r acute leukemia -011401442420154122410131001012010102110210222041111020000000000	
Other leukemia -0121067158719302888758597737136732532722454443375532343027101000010000	
PCD -27592 <b>2928893800956915</b> 471 <b>313</b> 261 <b>142</b> 131 <b>5</b> 5861 <b>1</b> 2981 <b>2096</b> 2753562151100001001	- 50
SAA -27361 <b>0048820993921320133</b> 281061691429810017810711671199126364418430000000000	
Solid tumor -02163524767755437773534524552424274311110043216421220210000000000	•
\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	- 0

# Heatmap: hla\_match\_b\_low vs prim\_disease\_hct

	ricatinap. ii	ia_maten_b_iow vs prim_	alsease_flee	
AI -	1	81	3.5e+02	
ALL -	22	2e+03	5.4e+03	- 5000
AML -	13	2.4e+03	3.8e+03	
CML -	0	10	7	
HD -	0	7	43	- 4000
HIS -	0	82	3.4e+02	
IEA -	3	3.2e+02	1e+03	
IIS -	0	2.8e+02	6.6e+02	- 3000
IMD -	1	48	87	3000
IPA -	5	2.6e+02	1.4e+03	
MDS -	6	6.9e+02	2.2e+03	
MPN -	2	3.1e+02	1.2e+03	- 2000
NHL -	4	3e+02	8.4e+02	
r acute leukemia -	1	13	61	
Other leukemia -	2	49	2.9e+02	- 1000
PCD -	1	1.5e+02	6.5e+02	
SAA -	2	1.3e+02	5.1e+02	
Solid tumor -		48	1.4e+02	0
	00	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2.0	- 0

#### Heatmap: age\_at\_hct vs prim\_disease\_hct

AI 131183156781081441621971055222113483105208144411302375343545102635252237656522000000	- 250
AL!19586284578957462020082999998669956762000000000000999999999999999999999999	
AML2e564882334964680654439286954488618111142e AUA614886811122883811111142e AUA6148868111428	
CML -200010000001000000000000000011200211000000	
HD -7723200304220232111100000210010000001110000010101000000	- 200
HIS 6254156600444460336382614320121232373233223025322054526515111003022400000000	
IFA - <b>388950333385953288471</b> 0546051368910 <b>91.4638</b> 3651.284635105171.40471496713921069524200000	
1:S- <mark>26<b>39</b>46192238630282614</mark> 9.3565332724.37.08.18623997334355997.10179.18314323351211000000	- 150
IMD 30/582424435526421123120010002322202104032001011312100121010010010000000000	
IPA 2582871143236810971261277740606412571014156054051418133328668066641237348128280283276600	
MDS 43596153698021110680744956412024932269336838290636922297515444422666228211	
MPN 21806912558137912812610610236576933814022225328533293300259250254829825985524028786420	- 100
NHL 181284576969124108445123462751216245600000285465822250935322012233030817731001	
r acute leukemia -41130200220113220222212100211230002322230012110042123201001100101000000000	
Other leukemia 254000.0558671.271.291.09778236110006036621.09531.1455412242422856634513423038411100000	- 50
PCD 830058802576822922371.097464352781.06140265881758566915025349987732651.065845210000	
SAA 6 <b>32204112478225246</b> 399511254571117122622012776945968513033552074166184105442320000	
Solid tumor 153 B512233664841315200222313232275563253042318142333612211003133200000000	
0.0 · p · p · p · p · p · p · p · p · p ·	- 0

# Heatmap: hla\_match\_a\_low vs prim\_disease\_hct

	riederiap: ii	ia_maten_a_iow vs piiii_	alsease_free	
AI -	2	1.1e+02	3.3e+02	- 5000
ALL -	18	2.2e+03	5.2e+03	
AML -	10	2.5e+03	3.8e+03	
CML -	0	9	7	
HD -	0	14	40	- 4000
HIS -	1	93	3.3e+02	
IEA -	5	3.2e+02	1e+03	
IIS -	2	3e+02	6.5e+02	- 3000
IMD -	0	49	86	
IPA -	2	2.5e+02	1.4e+03	
MDS -	6	6.4e+02	2.2e+03	
MPN -	0	3.3e+02	1.2e+03	- 2000
NHL -	1	3e+02	8.6e+02	
r acute leukemia -	0	19	59	
Other leukemia -	0	54	2.9e+02	- 1000
PCD -	1	1.7e+02	6.4e+02	
SAA -	0	1.4e+02	5e+02	
Solid tumor -		51	1.4e+02	0
	00	ر ک hla_match_a_low	2.0	- 0

Heatmap	: hla	match	b	hiah	VS	prim	disease	hct
ricatinap	. IIIG	maccii		myn	v	PIIIII	aiscasc	1100

	ricacinapi iii	a_maten_b_mgn vs pmm_		
AI -	1	85	3.3e+02	
ALL -	30	2e+03	4.9e+03	
AML -	14	2.3e+03	3.5e+03	
CML -	0	9	5	- 4000
HD -	0	8	42	
HIS -	0	75	3.4e+02	
IEA -	3	3.2e+02	9.8e+02	2000
IIS -	3	2.7e+02	6.1e+02	- 3000
IMD -	0	50	71	
IPA -	4	3.1e+02	1.3e+03	
MDS -	7	7.2e+02	2e+03	- 2000
MPN -	11	3.4e+02	1.1e+03	
NHL -	1	3.1e+02	7.4e+02	
r acute leukemia -	0	20	53	
Other leukemia -	1	55	2.6e+02	- 1000
PCD -	2	1.4e+02	6.1e+02	
SAA -	0	1.3e+02	4.4e+02	
Solid tumor -		41	1.2e+02	0
	0.0	رٰہِ hla_match_b_high	2.0	- 0

Heatmap: comorbidity\_score vs prim\_disease\_hct

						_	-	_				2000
AI -	1.9e+02	72	98	39	20	11	7	3	1	1	1	- 3000
ALL -	3.1e+03	L.3e+03L	7e+03	7.4e+02	3.8e+0 <i>2</i> 3	.4e+02	1.8e+021	1e+02	72	43	25	
AML -	2.6e+03	l.3e+031	4e+03	6e+023	3.5e+023	.2e+02	2e+02 1	6e+02	72	42	15	
CML -	- 8	5	1	3	2	0	0	0	0	0	0	- 2500
HD -	- 34	2	11	3	2	1	1	0	0	0	0	
HIS -	2.4e+02	44	81	40	13	14	2	1	1	1	0	
IEA -	7.4e+02	2.2e+022	.7e+02	86	55	36	10	11	4	3	0	- 2000
IIS -	5.7e+02	l.6e+021	6e+02	50	31	18	9	4	3	2	1	
IMD -	93	19	16	7	4	3	2	0	0	0	0	
IPA -	3.8e+02	2.8e+024	.3e+02	2e+02	95	96	64	56	30	31	10	- 1500
MDS -	8.4e+02	5.4e+0 <i>2</i> 6	.3e+02	2.6e+02	1.8e+021	.8e+02	1.1e+02	95	80	44	14	
MPN -	4.8e+02	2.6e+023	.9e+02	L.7e+02	1e+02	90	62	26	17	12	7	
NHL -	4.8e+02	2.7e+022	.7e+02	L.1e+02	68	43	26	18	7	8	2	- 1000
r acute leukemia -	- 36	14	20	5	1	4	1	1	0	0	0	
Other leukemia -	1.8e+02	49	76	25	13	10	8	2	0	2	0	
PCD -	3.8e+02	L.4e+021	.8e+02	70	32	35	12	4	6	1	0	- 500
SAA -	3.3e+02	L.2e+021	.4e+02	46	35	18	12	2	0	0	1	
Solid tumor -	86	46	41	9	9	7	5	1	0	0	0	
	0.0	2.0	20	3.0	, ,	50	6.0	10	%.0	9.0	20,0	- 0
					comoi	rbidity_s	score				•	

Heatmap: karnofsky\_score vs prim\_disease\_hct

AI -	0	1	14	1e+02	39	2.5e+02	30	
ALL -	2	21	3.7e+02	1.9e+03	5.8e+02	4.4e+03	6.2e+02	- 4000
AML -	2	21	3.4e+02	1.8e+03	4.6e+02	3.9e+03	4.3e+02	
CML -	0	0	1	3	2	9	5	- 3500
HD -	0	0	0	7	4	27	14	
HIS -	0	2	9	44	25	2.4e+02	94	- 3000
IEA -	0	2	36	1.6e+02	96	7.7e+02	3e+02	
IIS -	0	5	19	1e+02	54	5.7e+02	2.1e+02	- 2500
IMD -	0	0	3	7	7	91	25	
IPA -	0	5	89	5.2e+02	1.6e+02	8.2e+02	73	- 2000
MDS -	3	13	1.7e+02	9.7e+02	2e+02	1.5e+03	1.4e+02	
MPN -	0	10	90	4.1e+02	1.5e+02	8.4e+02	1e+02	- 1500
NHL -	1	3	83	3e+02	85	7.1e+02	1e+02	
r acute leukemia -	0	0	2	14	2	50	8	- 1000
Other leukemia -	0	3	13	51	24	2.1e+02	45	1000
PCD -	2	2	24	1.2e+02	69	4.7e+02	1.3e+02	- 500
SAA -	0	2	21	97	65	3.8e+02	1.2e+02	300
Solid tumor -	0	1	8	36	12	1.2e+02	26	- 0
	<sup>80</sup> 0	50.0	60,0	10,0	80,0	00.0	2000	- 0
				arnofsky sco			,	

karnofsky\_score

Heatmap: hla\_low\_res\_8 vs prim\_disease\_hct

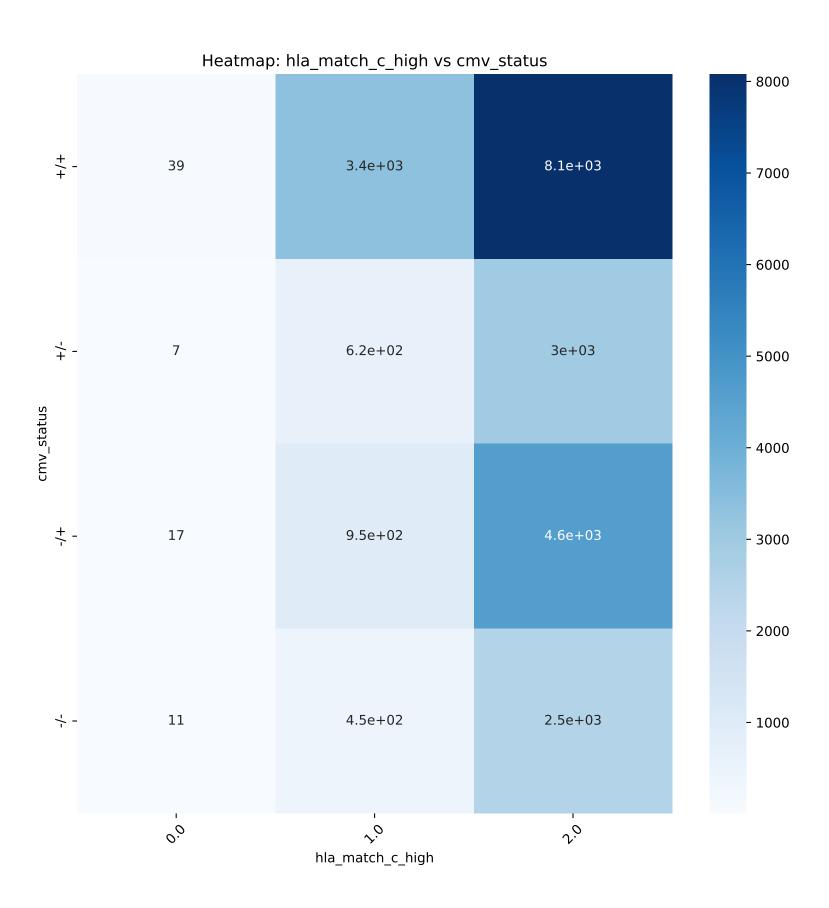
AI -	0	1	42	29	22	48	2.8e+02	1000
ALL -	1	7	1.2e+03	4.5e+02	4.5e+02	7.6e+02	4.2e+03	- 4000
AML -	0	6	1.6e+03	4.4e+02	3.7e+02	5.7e+02	3e+03	
CML -	0	0	8	0	1	0	6	- 3500
HD -	0	0	5	2	2	7	34	
HIS -	0	0	35	28	38	57	2.6e+02	- 3000
IEA -	0	1	1.7e+02	94	87	1.8e+02	7.8e+02	
IIS -	0	0	1.8e+02	76	68	1.1e+02	4.8e+02	- 2500
IMD -	0	0	35	12	6	12	67	
IPA -	0	1	1.1e+02	63	70	1.5e+02	1.2e+03	- 2000
MDS -	0	5	3.4e+02	1.6e+02	1.6e+02	2.3e+02	1.9e+03	
MPN -	0	1	1.6e+02	78	71	1.4e+02	1e+03	- 1500
NHL -	0	0	1.9e+02	60	41	1e+02	7e+02	
r acute leukemia -	0	1	9	3	1	9	51	- 1000
Other leukemia -	0	0	24	15	14	48	2.3e+02	
PCD -	0	0	74	56	41	93	5e+02	- 500
SAA -	0	0	74	34	41	65	3.9e+02	360
Solid tumor -	0	0	30	12	11	24	1e+02	
	20	3.0	<b>%</b> .0	ှင် တ <sup>်</sup> hla_low_res_8	6.0	10	8.0	- 0

Heatmap: hla\_match\_drb1\_high vs prim\_disease\_hct

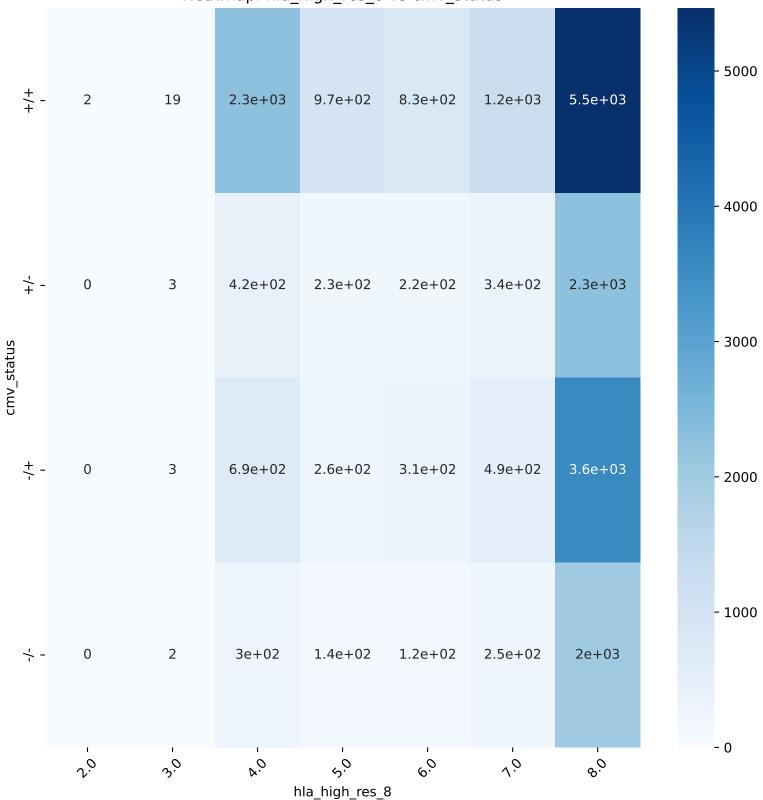
	ricatinap. ma_materi_arb1_mgn vs prim_arsease_net							
AI -	1	1e+02	3.2e+02	- 5000				
ALL -	30	2.1e+03	5e+03					
AML -	19	2.3e+03	3.8e+03					
CML -	0	9	6	- 4000				
HD -	0	10	43					
HIS -	1	1.1e+02	3e+02					
IEA -	3	3.9e+02	9.3e+02					
IIS -	1	3.6e+02	5.5e+02	- 3000				
IMD -	0	58	73					
IPA -	2	1.9e+02	1.4e+03					
MDS -	5	5.4e+02	2.2e+03	- 2000				
MPN -	7	2.8e+02	1.2e+03					
NHL -	1	3e+02	8e+02					
r acute leukemia -	0	19	57					
Other leukemia -	0	73	2.5e+02	- 1000				
PCD -	1	2e+02	5.6e+02					
SAA -	0	1.7e+02	4.3e+02					
Solid tumor -		60	1.2e+02	- 0				
	0.0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2.0	- 0				

Heatmap: hla\_low\_res\_10 vs prim\_disease\_hct

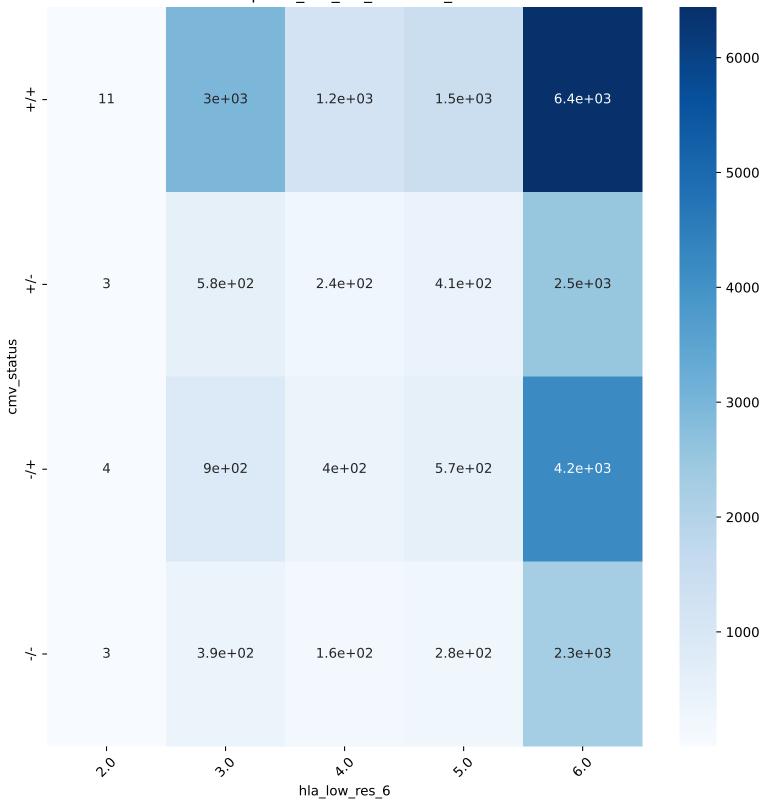
AI -	1	34	22	23	25	50	2.6e+02	
ALL -	8	9.2e+02	4.5e+02	3.4e+02	4.1e+02	7.4e+02	3.9e+03	- 3500
AML -	6	1.2e+03	5e+02	2.9e+02	3.2e+02	5.5e+02	2.7e+03	
CML -	0	7	1	0	1	1	4	- 3000
HD -	0	3	4	2	1	6	33	3000
HIS -	0	23	23	28	29	65	2.3e+02	
IEA -	2	1.2e+02	89	67	85	1.7e+02	7.2e+02	- 2500
IIS -	1	1.3e+02	85	50	55	1.1e+02	4.2e+02	
IMD -	0	30	11	4	8	10	60	- 2000
IPA -	1	64	63	50	70	1.5e+02	1.1e+03	
MDS -	4	2.1e+02	1.7e+02	1.2e+02	1.4e+02	2.4e+02	1.7e+03	1500
MPN -	0	1.1e+02	76	58	73	1.2e+02	9.2e+02	- 1500
NHL -	1	1.4e+02	74	36	50	96	6.1e+02	
r acute leukemia -	1	7	2	2	3	7	45	- 1000
Other leukemia -	0	18	13	11	19	47	2.1e+02	
PCD -	1	54	39	42	44	96	4.6e+02	- 500
SAA -	0	60	37	31	32	65	3.6e+02	
Solid tumor -	0	24	11	7	17	18	89	- 0
	Ø.0	\$.0	60	10	8.0	9.0	20.0	- 0
hla_low_res_10								



Heatmap: hla\_high\_res\_8 vs cmv\_status



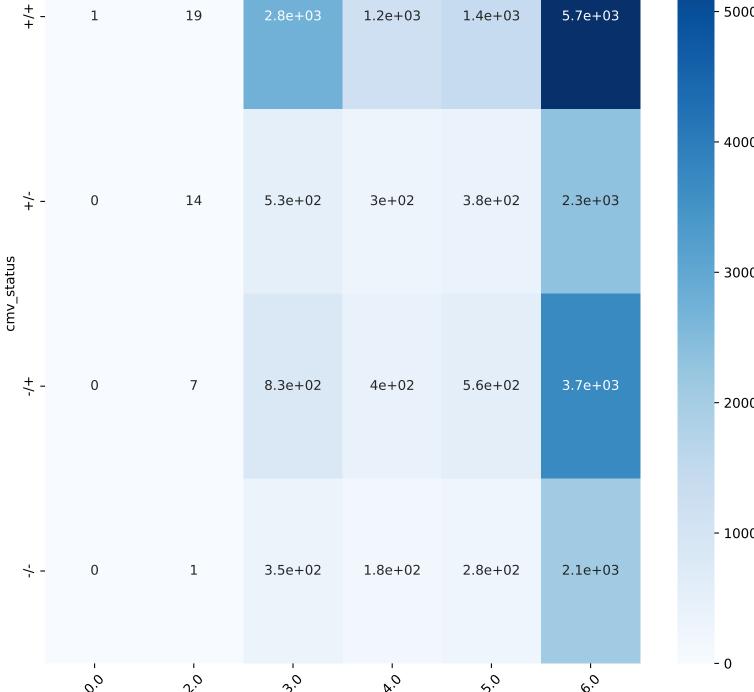
Heatmap: hla\_low\_res\_6 vs cmv\_status

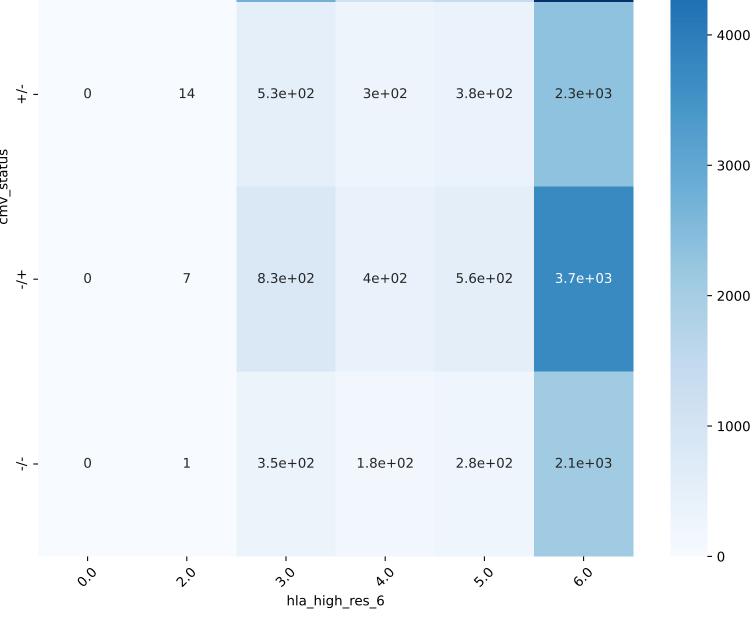


Heatmap: hla\_high\_res\_6 vs cmv\_status 19 1.2e+03 5.7e+03 1.4e+03 14 5.3e+02 3e+02 3.8e+02 2.3e+03

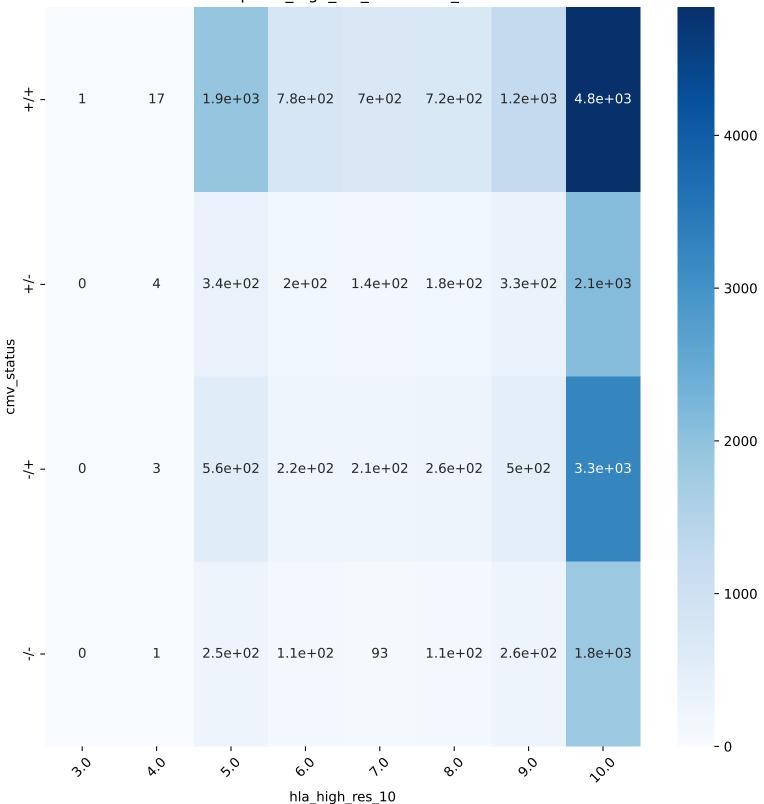
1

- 5000

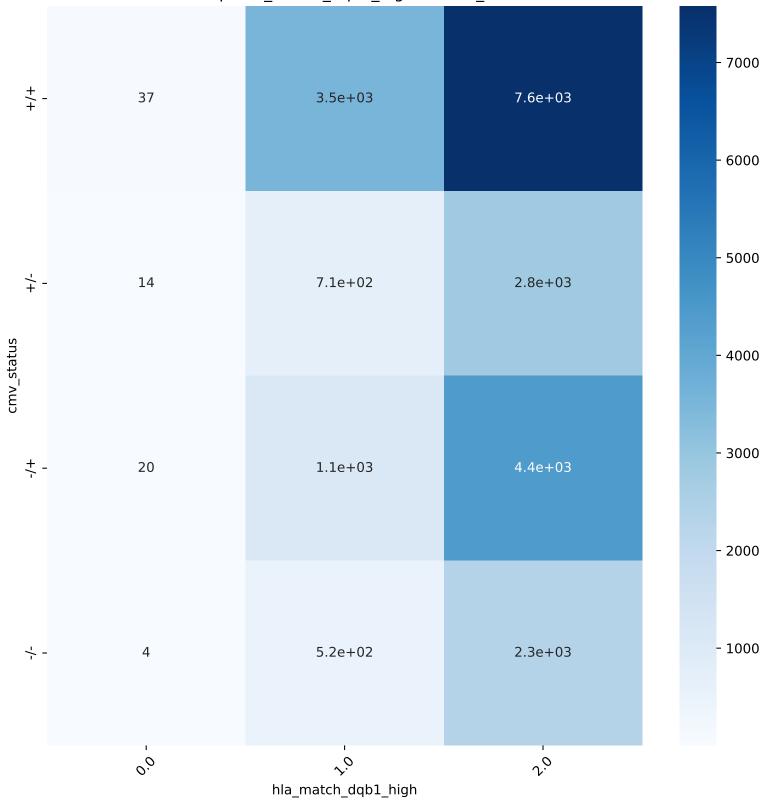




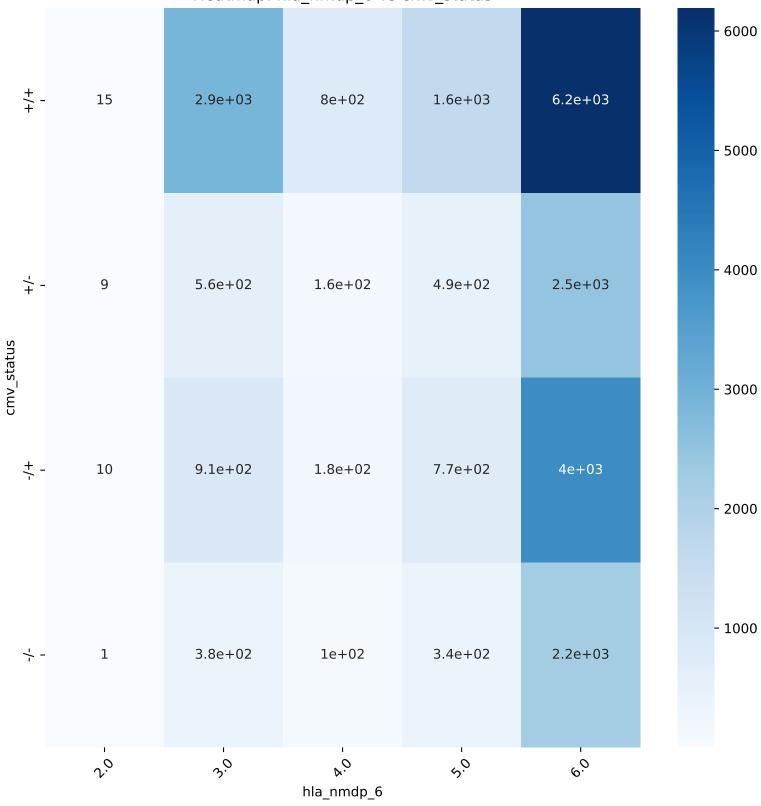
Heatmap: hla\_high\_res\_10 vs cmv\_status



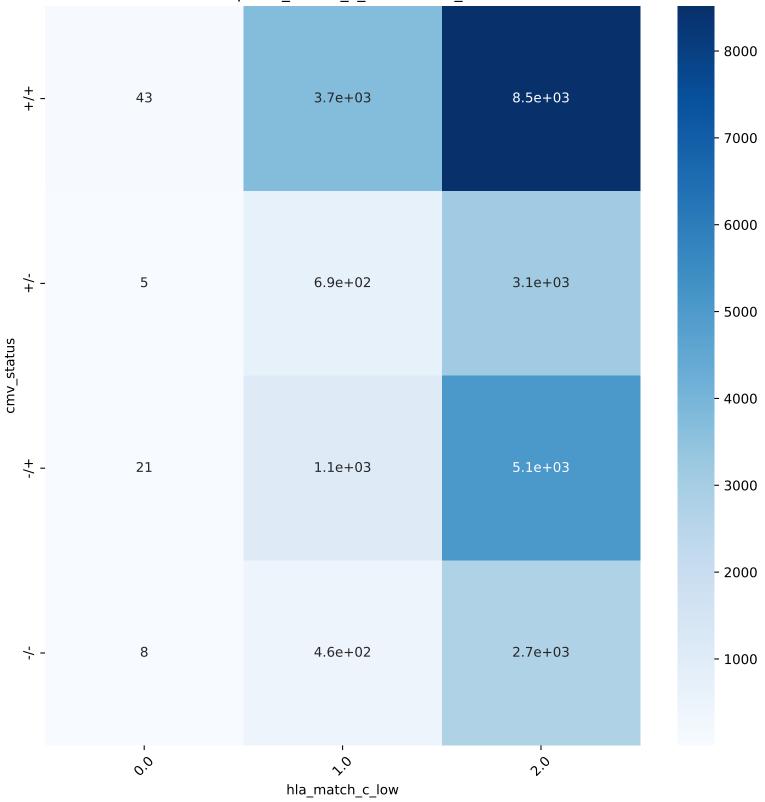
Heatmap: hla\_match\_dqb1\_high vs cmv\_status

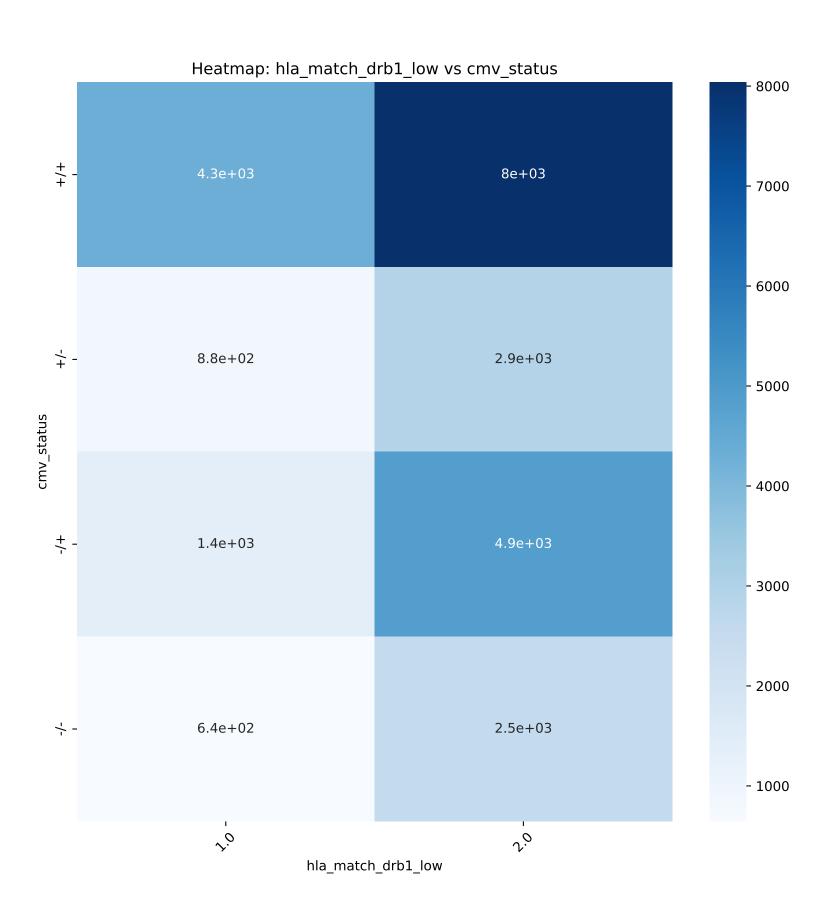


Heatmap: hla\_nmdp\_6 vs cmv\_status



Heatmap: hla\_match\_c\_low vs cmv\_status

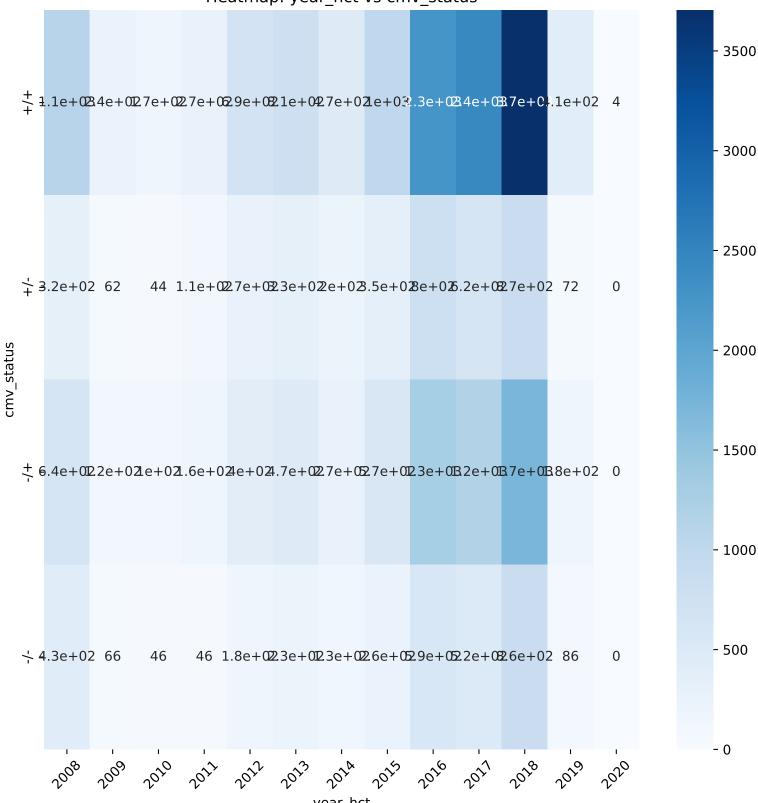




Heatmap: hla\_match\_dqb1\_low vs cmv\_status - 8000 + -45 3.2e+03 8.4e+03 - 7000 - 6000 <del>'</del>-5.8e+02 14 3e+03 - 5000 cmv\_status - 4000 <del>+</del> -15 9.8e+02 4.8e+03 - 3000 - 2000 <del>-</del> -11 4.5e+02 2.5e+03 - 1000 ^; □

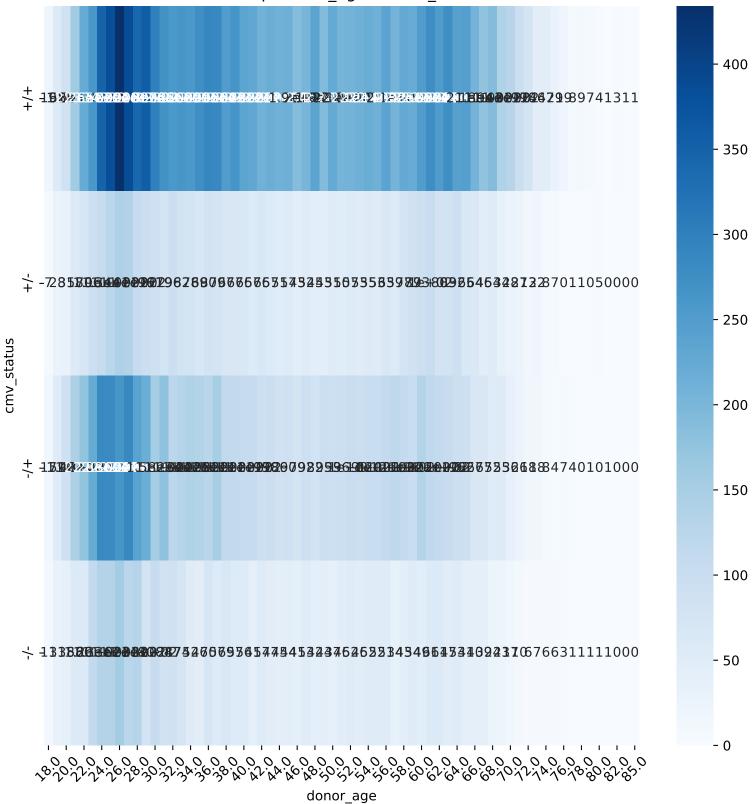
hla\_match\_dqb1\_low

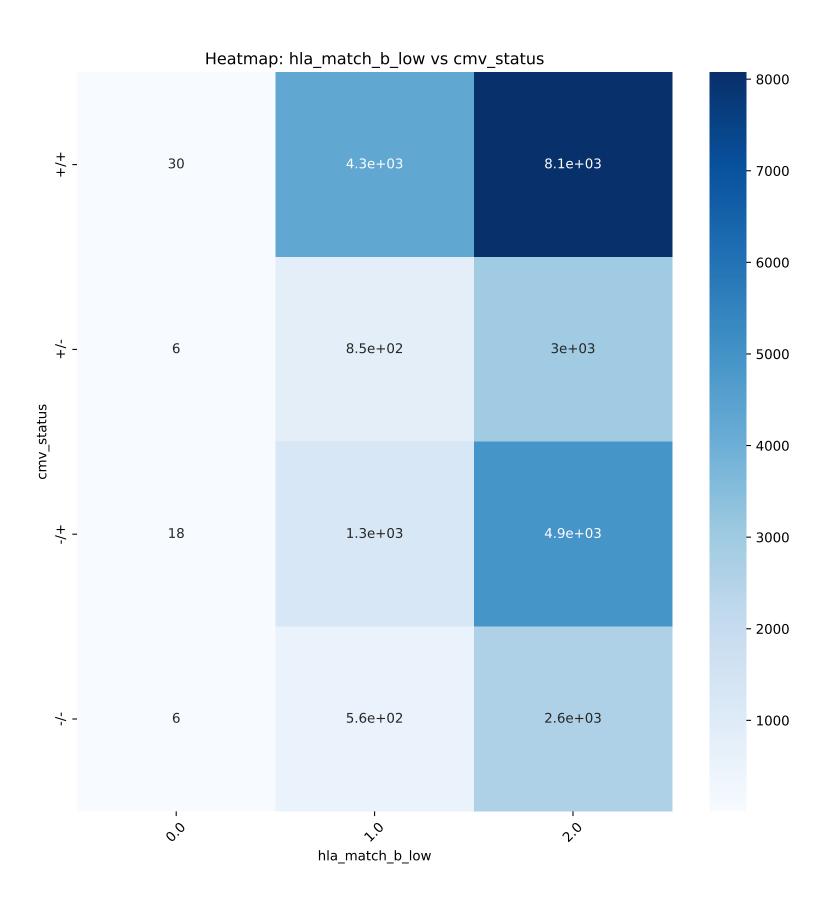
Heatmap: year\_hct vs cmv\_status

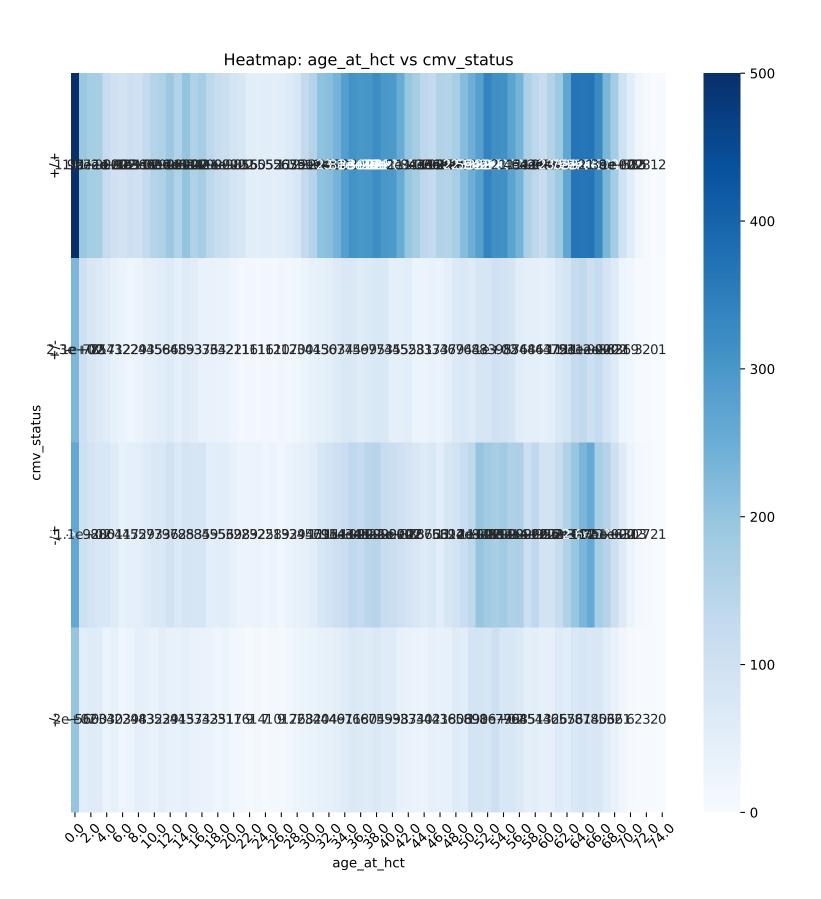


Heatmap: hla\_match\_a\_high vs cmv\_status - 7000 + -7.5e+03 32 4e+03 6000 - 5000 <del>'</del>-12 8.8e+02 2.8e+03 cmv\_status - 4000 - 3000 <del>+</del> -10 1.4e+03 4.3e+03 - 2000 - 1000 5 6.1e+02 2.4e+03 ^; o hla\_match\_a\_high

## Heatmap: donor\_age vs cmv\_status



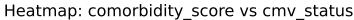


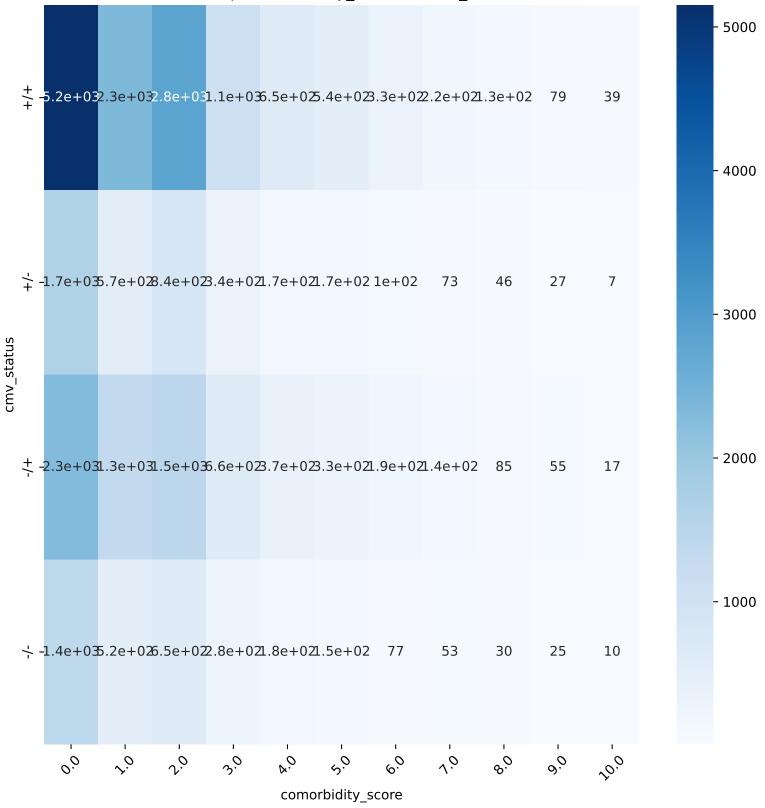


Heatmap: hla\_match\_a\_low vs cmv\_status 8000 + -4.3e+03 8.1e+03 23 - 7000 6000 <del>'</del>-9.2e+02 8 2.9e+03 - 5000 cmv\_status - 4000 <del>+</del> -10 1.5e+03 4.8e+03 - 3000 - 2000 <del>'-</del> -5 6e+02 2.6e+03 - 1000 √°. hla\_match\_a\_low

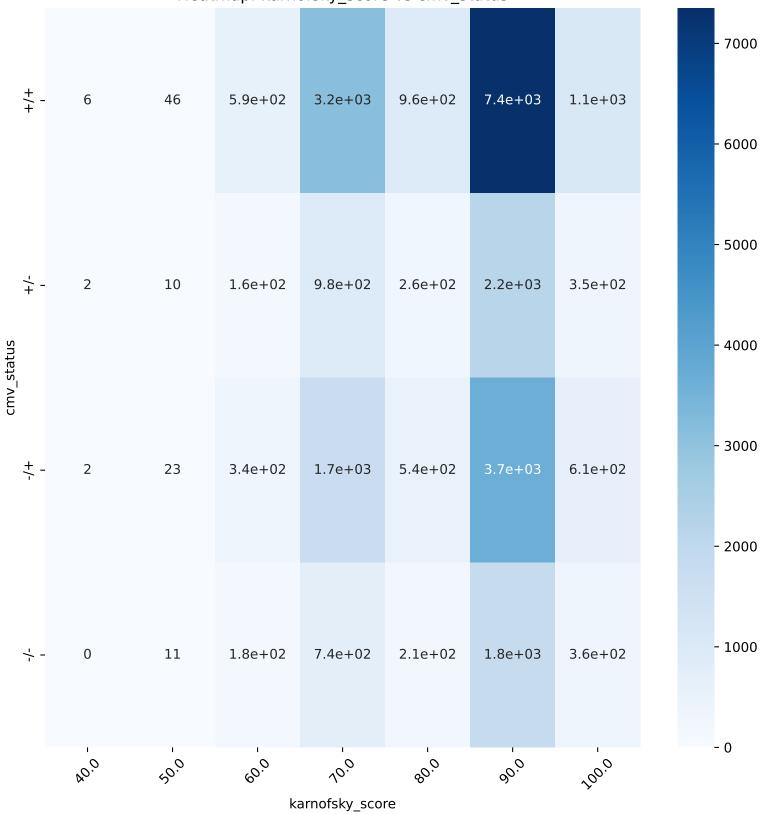
Heatmap: hla\_match\_b\_high vs cmv\_status - 7000 + -7.3e+03 39 4.3e+03 - 6000 - 5000 <del>'</del>-14 9e+02 2.8e+03 - 4000 cmv\_status - 3000 <del>+</del> -4.5e+03 14 1.3e+03 - 2000 - 1000 5 5.7e+02 2.5e+03 ^; o

hla\_match\_b\_high

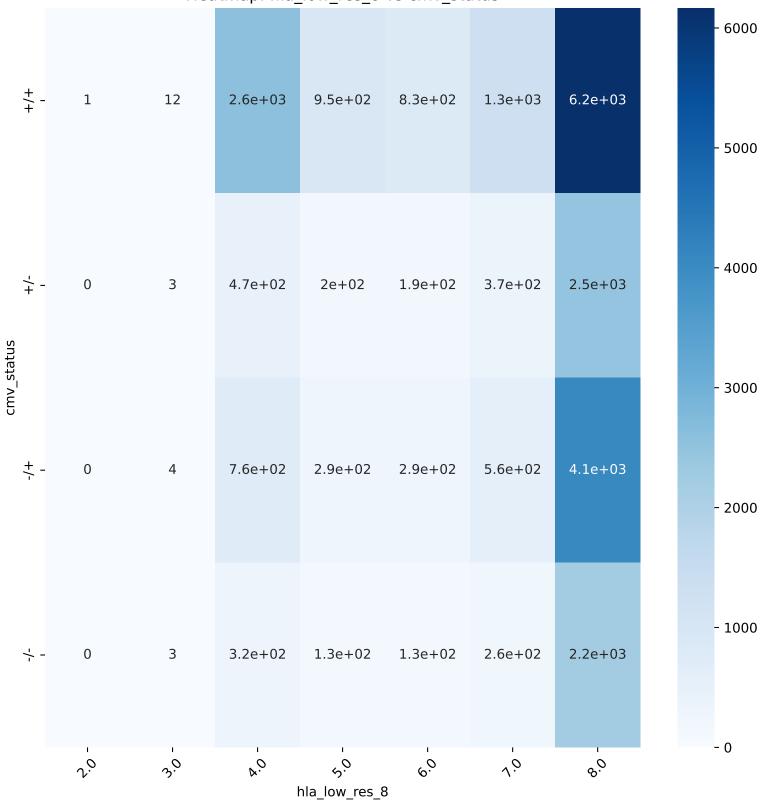




Heatmap: karnofsky\_score vs cmv\_status



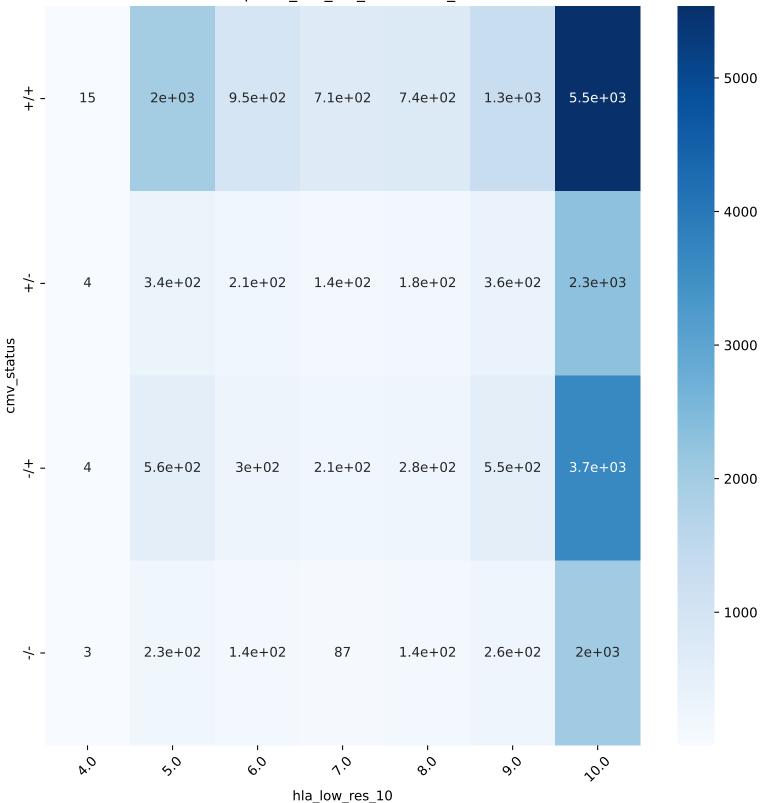
Heatmap: hla\_low\_res\_8 vs cmv\_status



Heatmap: hla\_match\_drb1\_high vs cmv\_status - 7000 + -33 4.3e+03 7.7e+03 - 6000 - 5000 <del>'</del>-13 8.9e+02 2.9e+03 cmv\_status - 4000 - 3000 <del>+</del> -4.7e+03 14 1.3e+03 - 2000 - 1000 6 6e+02 2.5e+03 ^; o

hla\_match\_drb1\_high

Heatmap: hla\_low\_res\_10 vs cmv\_status



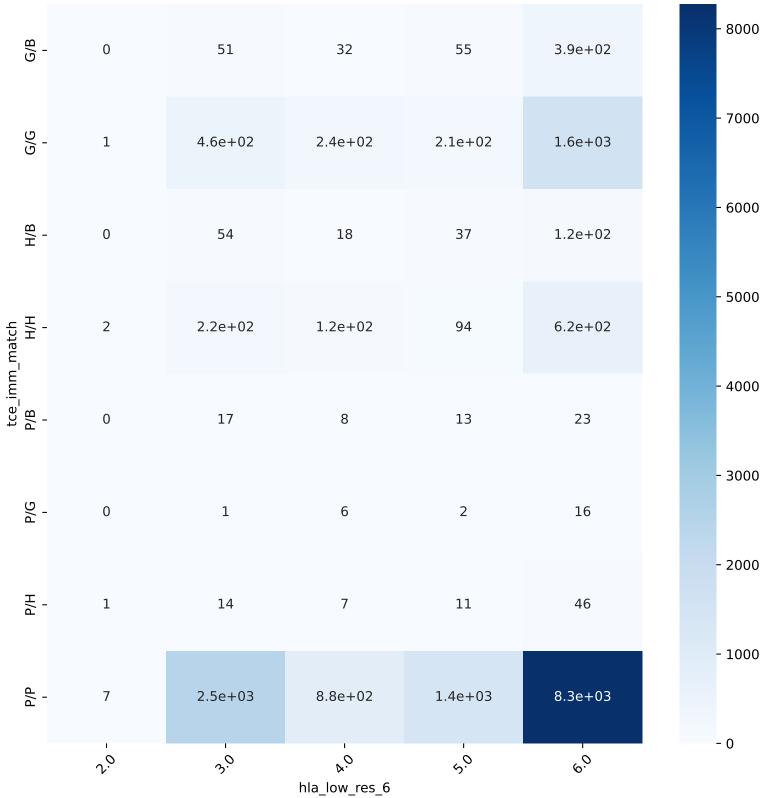
Heatmap: hla\_match\_c\_high vs tce\_imm\_match



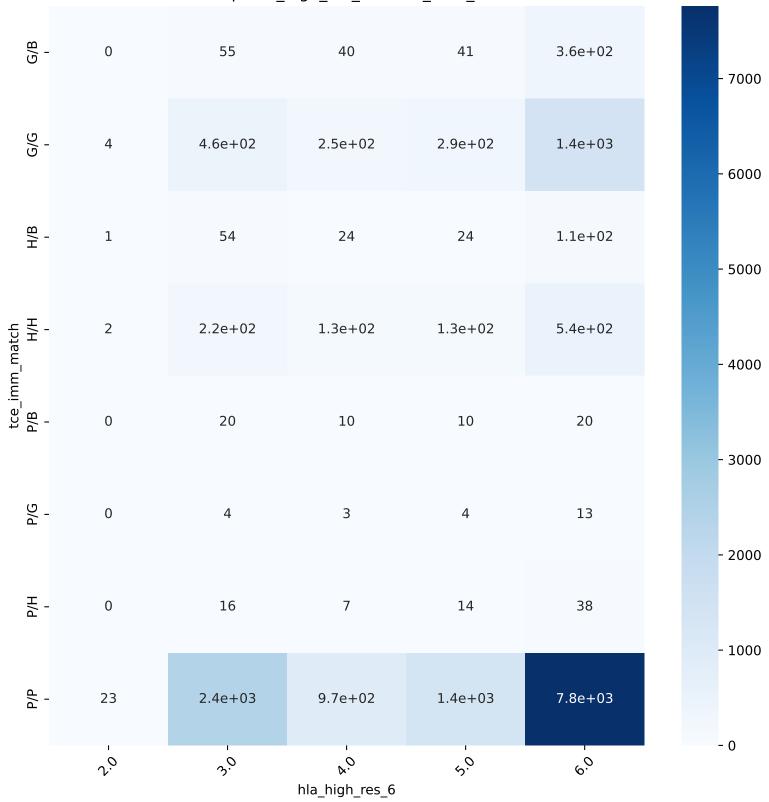
Heatmap: hla\_high\_res\_8 vs tce\_imm\_match

				y <u>_</u>					
G/B -	0	0	47	23	35	39	3.5e+02		- 7000
9/9	1	3	4.3e+02	2e+02	1.6e+02	2.2e+02	1.4e+03	١	- 6000
H/B -	0	0	52	18	13	19	1.1e+02	١	- 5000
tce_imm_match P/B H/H	0	3	2e+02	1.2e+02	72	1e+02	5.2e+02		- 4000
tce_imn P/B '	0	0	18	8	3	12	17		- 3000
P/G -	0	0	4	2	2	5	11		- 2000
H/H -	0	0	15	4	6	12	36		- 1000
P/P -	0	11	2e+03	7.7e+02	7.8e+02	1.3e+03	7.7e+03		
	2.0	3.0	*,0 t	တွ <sup>်</sup> nla_high_res_	8	10	80.		- 0

Heatmap: hla\_low\_res\_6 vs tce\_imm\_match

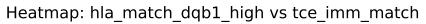


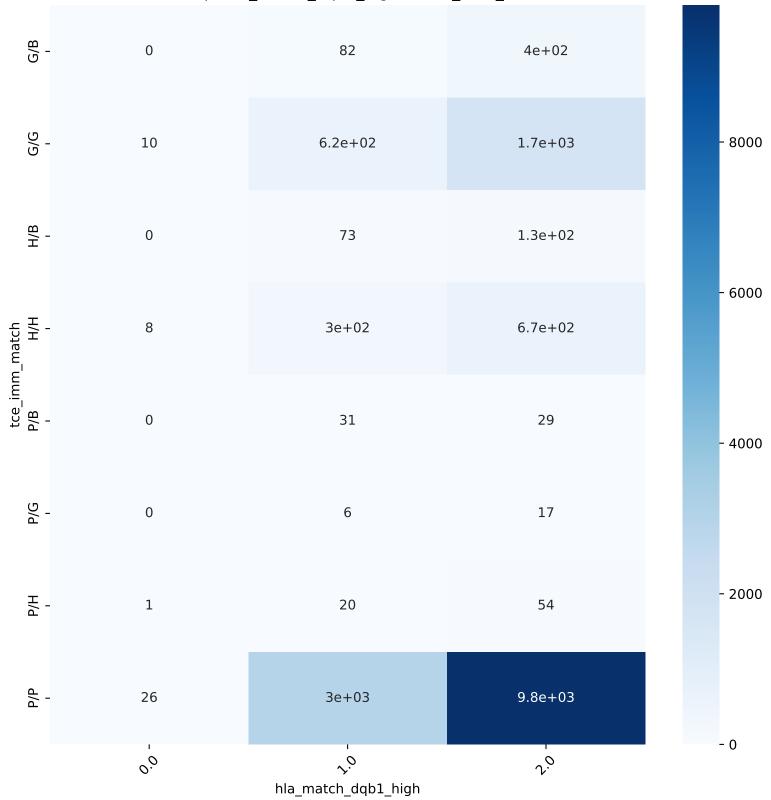
Heatmap: hla\_high\_res\_6 vs tce\_imm\_match



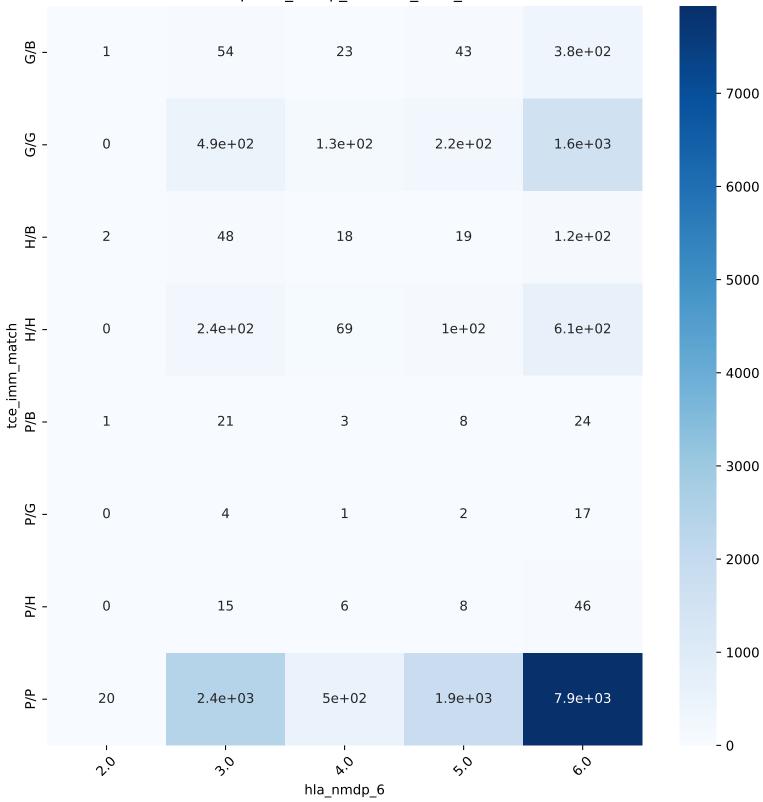
Heatmap: hla\_high\_res\_10 vs tce\_imm\_match

			•		_				
G/B -	0	0	34	19	23	22	48	3.2e+02	- 7000
9/9	1	5	3.6e+02	1.7e+02	1.2e+02	1.4e+02	2.2e+02	1.3e+03	- 6000
H/B -	0	0	44	17	9	12	28	87	- 5000
tce_imm_match P/B H/H '	0	3	1.6e+02	91	70	57	1e+02	4.7e+02	- 4000
tce_imn P/B '	0	0	15	10	1	7	9	15	- 3000
P/G -	0	0	3	2	1	1	5	10	- 2000
P/H -	0	0	10	9	4	4	12	31	- 1000
P/P '	0	10	1.7e+03	6.7e+02	5.9e+02	7.3e+02	1.4e+03	7.3e+03	- 0
	3.0	<b>*</b> .0	80	60	10	8.0	9,0	200	- 0
				hla_high	n_res_10				

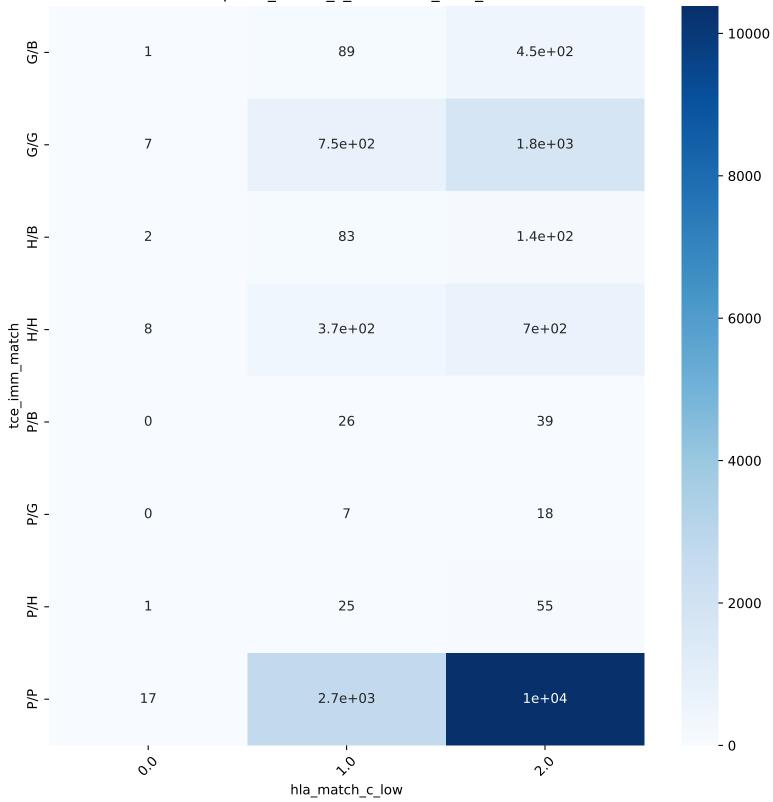


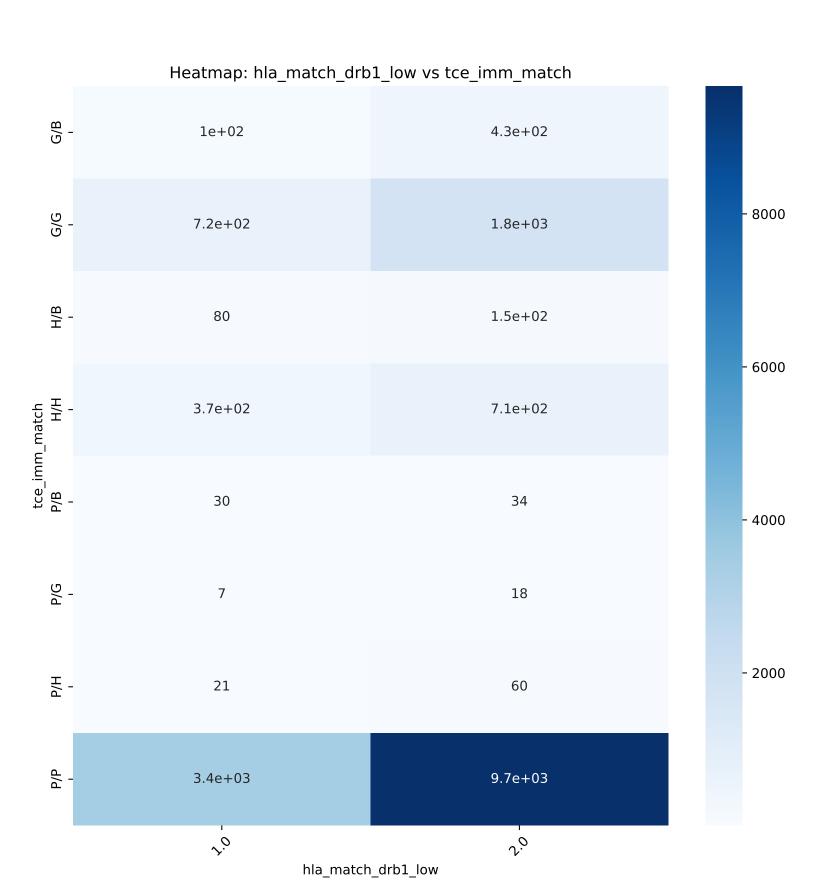


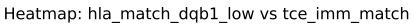
Heatmap: hla\_nmdp\_6 vs tce\_imm\_match

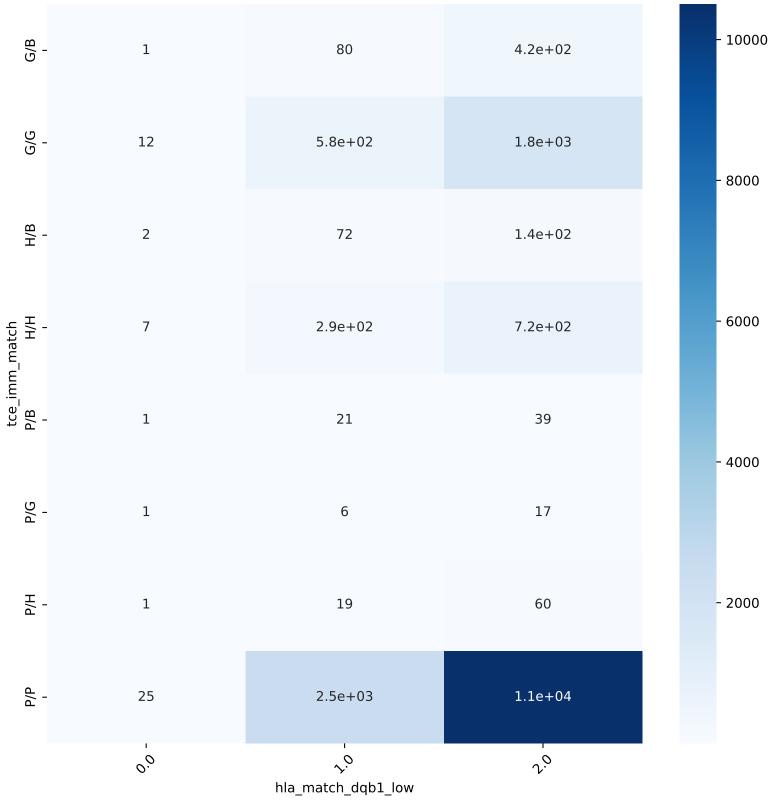


Heatmap: hla\_match\_c\_low vs tce\_imm\_match





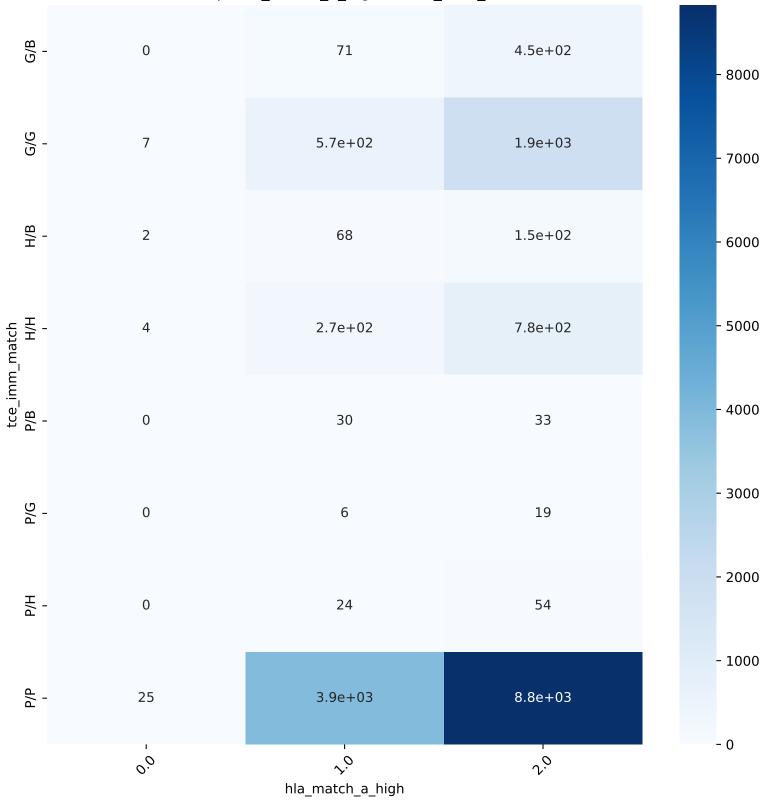




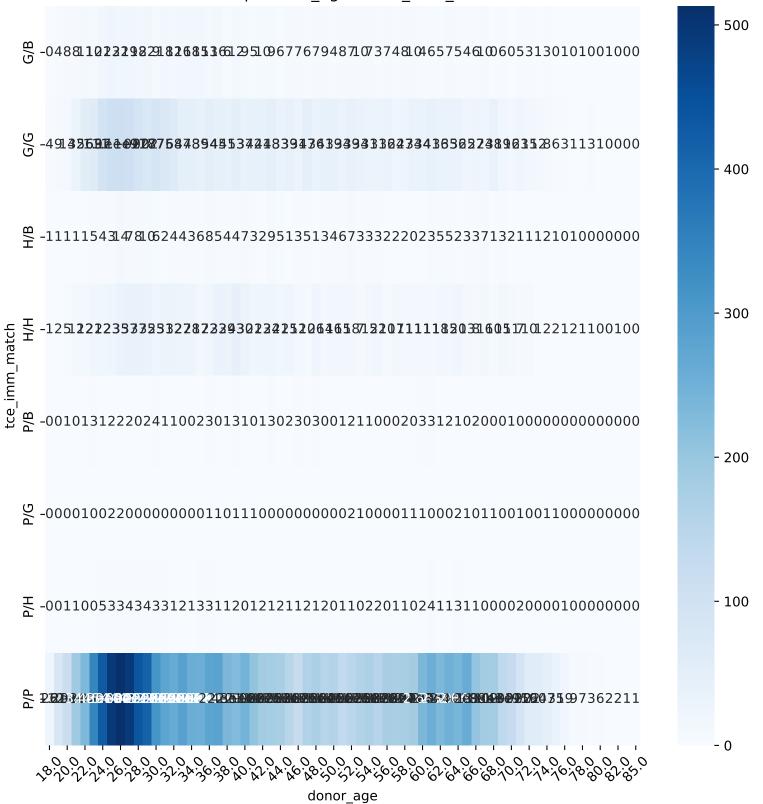
Heatmap: year_hct vs tce_imm_match	

G/B	- 74	12	9	6	29	44	23	37	91	75	1.2e+02	2 19	0		- 3500
9/9	2.1e+02	2 31	31	59 1	5e+0I	29e+0 <b>I</b>	25e+0I	21e+0	<b>2</b> 4e+04	21e+0	723e+012	21e+02	2 2		- 3000
H/B	- 20	6	1	3	8	16	13	15	39	34	61	13	0		- 2500
_match H/H	1.3e+02	2 24	26	23	55	66	59	73 :	1.8e+0 <b>I</b>	26e+0	122 6e+02 18	2 39	0		- 2000
tce_imm P/B	- 3	1	0	0	5	3	4	6	13	10	18	3	0		- 1500
P/G	- 1	1	0	1	3	2	3	2	1	0	11	0	0		- 1000
Ь/Н	- 9	2	1	0	5	6	3	5	20	5	23	4	0		- 500
P/P	8.2e+0 <b>I</b>	23e+02	2 94 2	2.1e+Œ	27e+02	ℤe+0 <i>2</i> 8	:.6e+0I	21e+0	36e+02	35e+0	B.7e+03	.5e+02	. 1		
	2008	2009	2010	2011	2012	20 <sup>13</sup>	၇ <sup>၇</sup> rear_hc	2015	2016	2017	2018	2019	2020		- 0

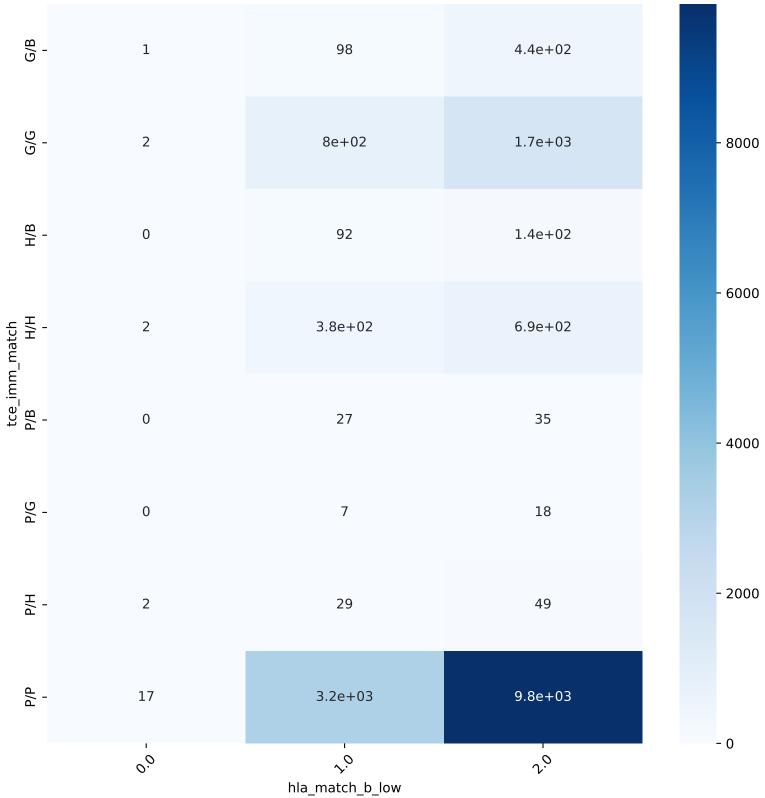
Heatmap: hla\_match\_a\_high vs tce\_imm\_match



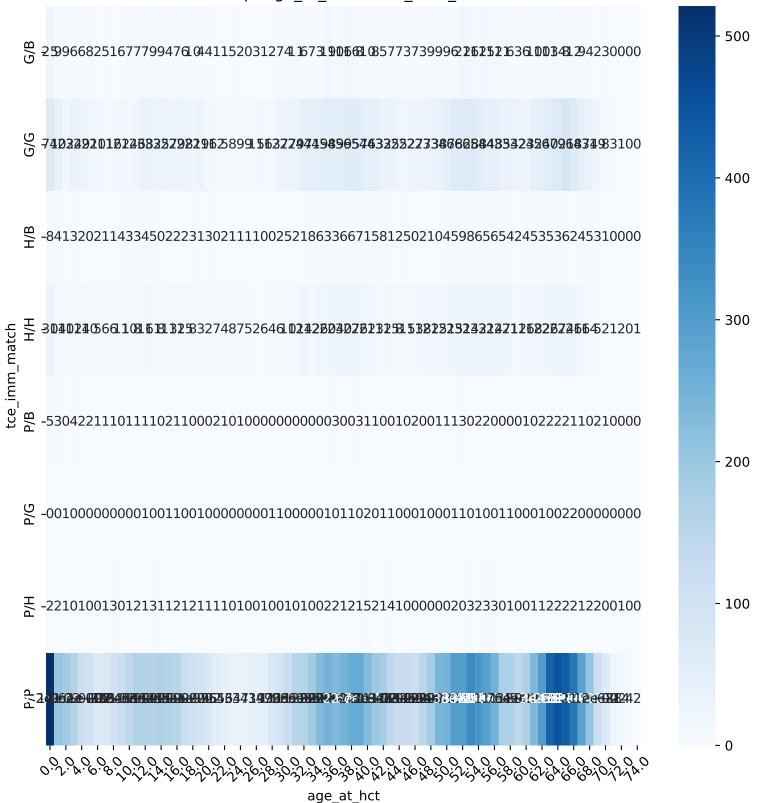
## Heatmap: donor\_age vs tce\_imm\_match

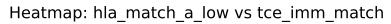


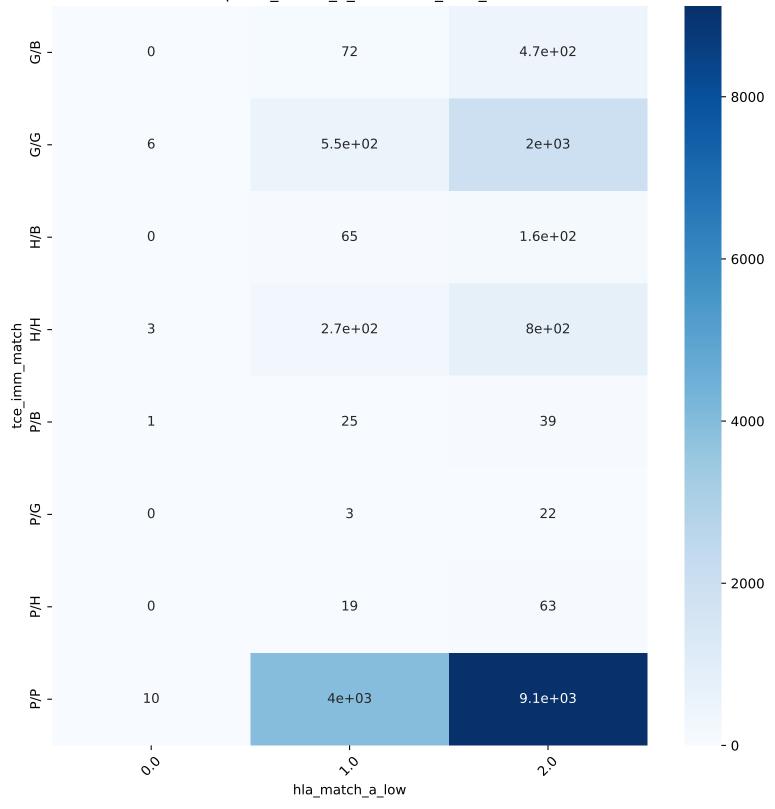
Heatmap: hla\_match\_b\_low vs tce\_imm\_match

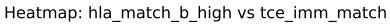


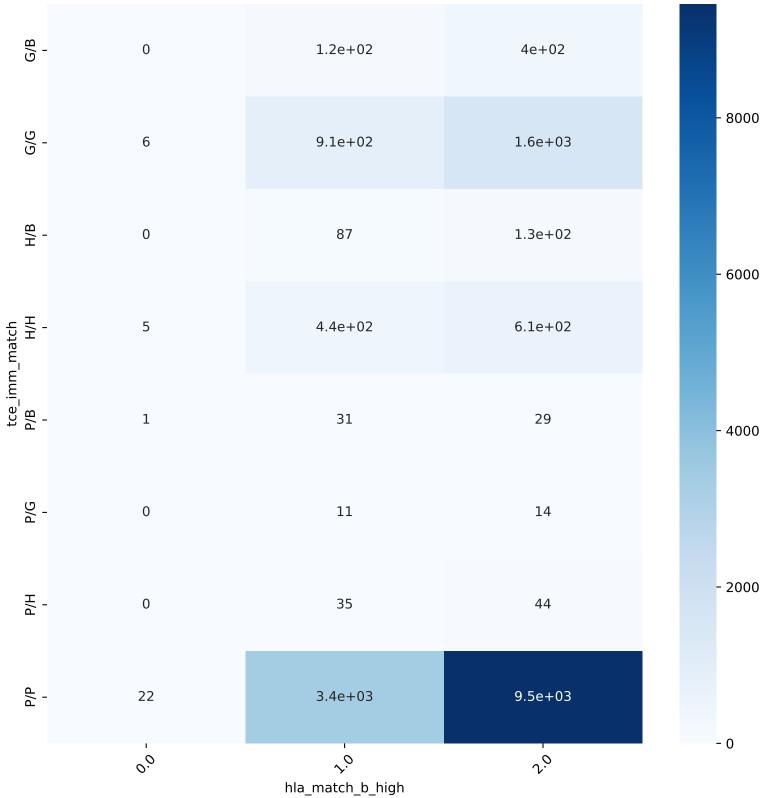
## Heatmap: age\_at\_hct vs tce\_imm\_match







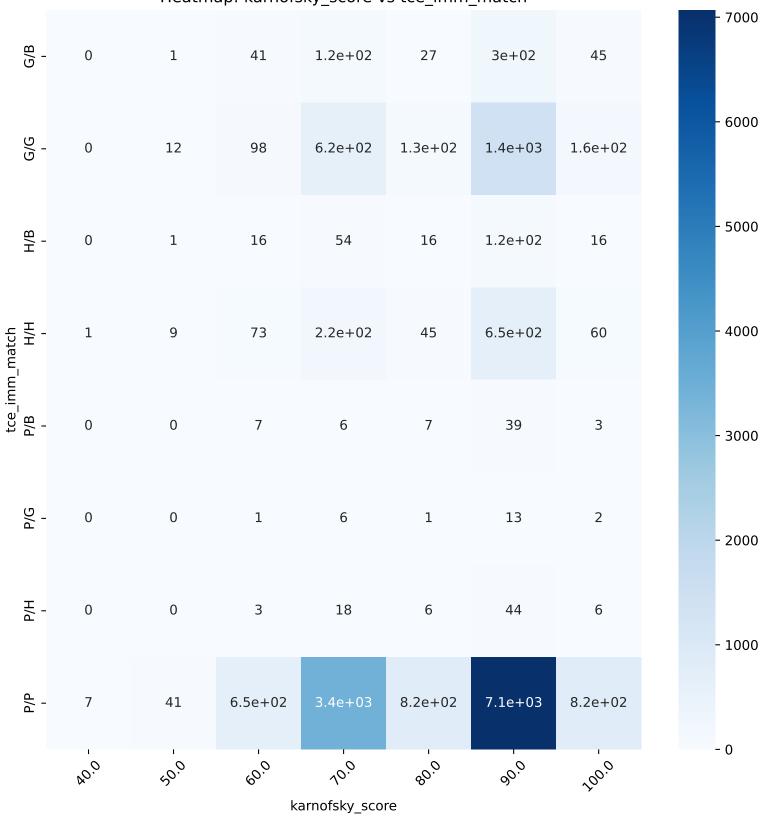




Heatmap: comorbidity	score vs tce	imm match
	000.0 10 100	

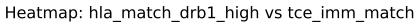
									_				
G/B	2.2e+02	68	1.3e+02	2 40	28	20	10	11	2	5	0		- 4000
9/9	7.8e+02	3.2e+02	26.4e+02	?3e+02	1.4e+02	1.1e+02	73	33	21	21	8		
H/B	- 76	30	57	21	10	9	8	4	4	5	0		- 3000
_match H/H	3.8e+02	l.5e+02	22.2e+02	?1e+02	77	63	35	21	8	6	3		
tce_imm P/B	- 22	9	9	10	5	63 7	1	2	1	0	0		- 2000
P/G	- 8	1	5	4	4	1	1	0	0	1	0		
Ь/Н	- 20	9	20	15	1	5	0	7	2	0	0	-	- 1000
P/P -	4.5e+03	2e+03	2.7e+03	1.3e+03	7.6e+02	6.7e+02 <del>3</del>	3.9e+02	2.7e+02	1.8e+02	1.1e+02	41		
	0.0	<sup>2</sup> 0	20	3.0	, o	\$0	6.0	70	°.	9.0	20,0	_	- 0
					como	rbidity_s	score				•		

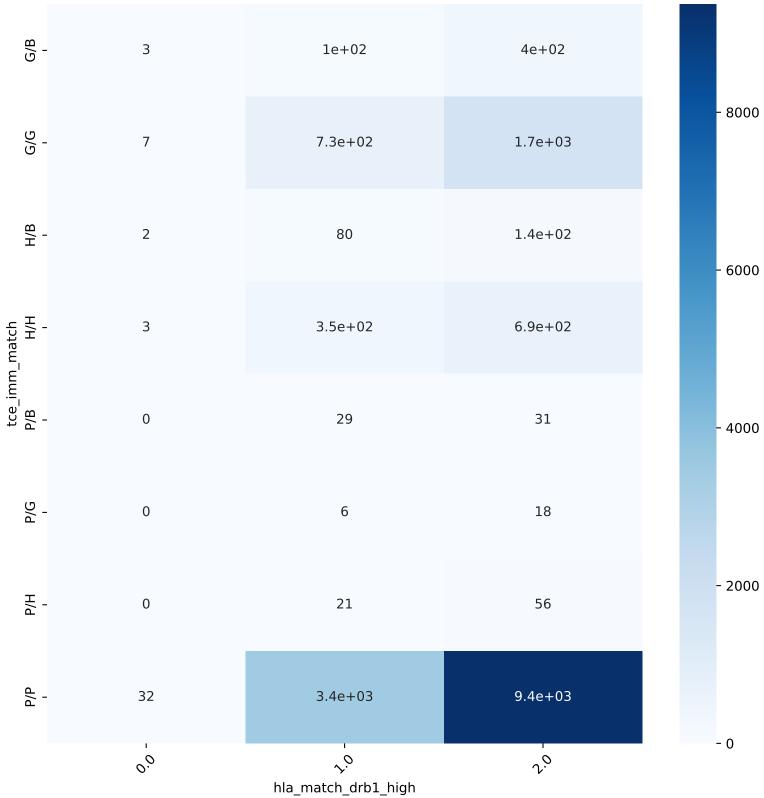
Heatmap: karnofsky\_score vs tce\_imm\_match



Heatmap: hla\_low\_res\_8 vs tce\_imm\_match

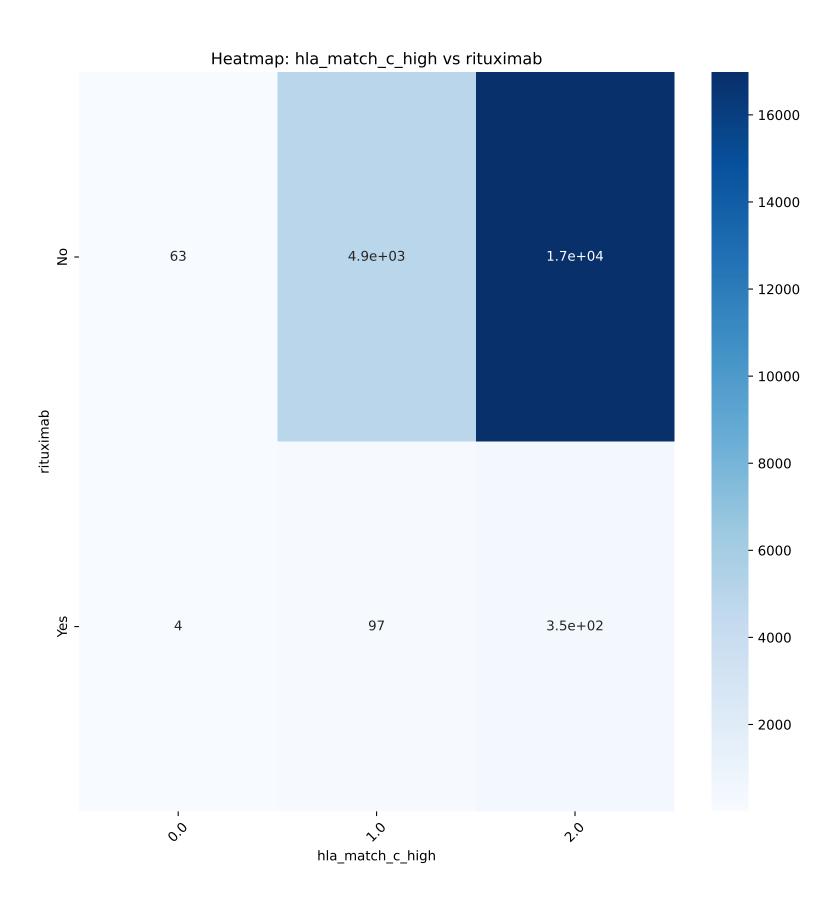
		ricacinap.	. ma_10w_1cs	_0 vs ccc_iiii	iii_iiiaccii		
G/B -	0	42	32	23	50	3.8e+02	- 8000
9/9	2	4.2e+02	2.1e+02	1.5e+02	1.9e+02	1.5e+03	- 7000
H/B -	0	52	19	13	29	1.1e+02	- 6000
tce_imm_match P/B H/H	1	2.1e+02	1.1e+02	61	89	5.9e+02	- 5000
tce_imm P/B '	0	14	7	8	10	22	- 4000
P/G -	0	1	4	3	2	15	- 3000
P/H -	1	12	8	3	10	44	- 2000
P/P -	8	2.1e+03	6.5e+02	7.2e+02	1.4e+03	8.2e+03	- 1000
	3·	<b>⊳</b> .0	က် hla_low	ر. ر_res_8	10	%.	- 0



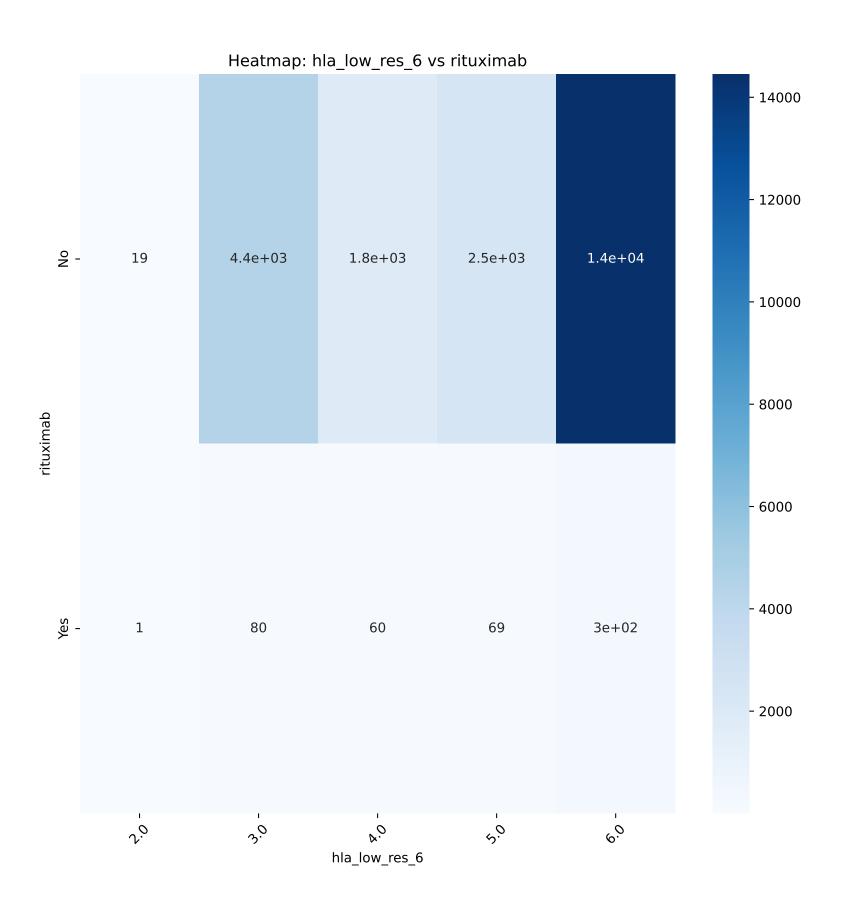


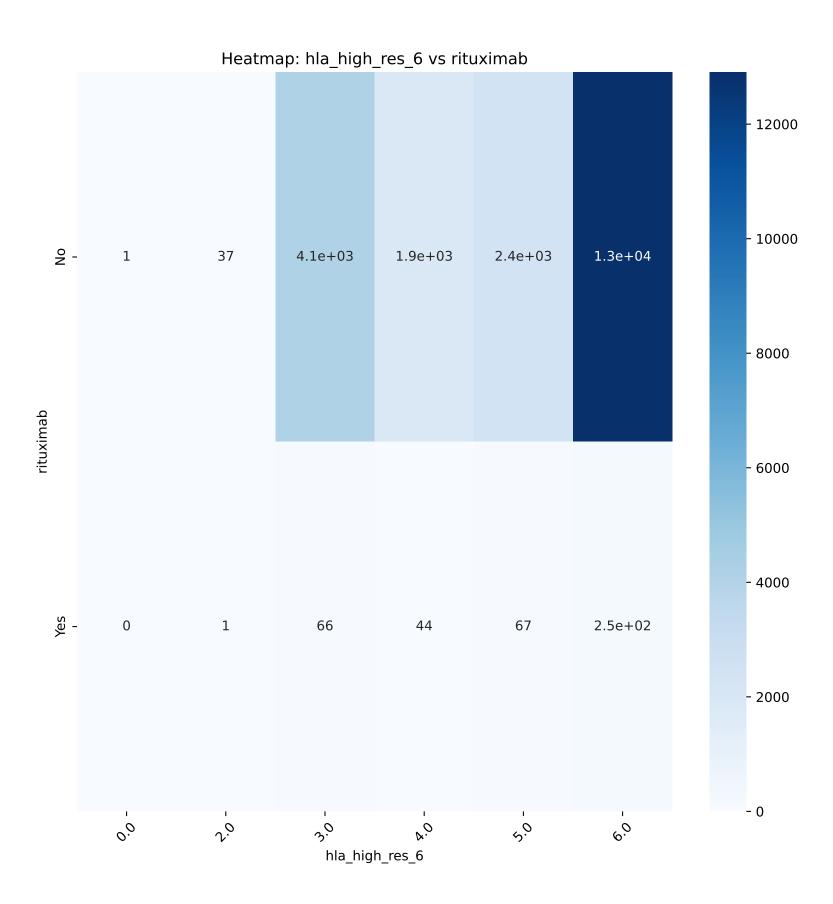
Heatmap: hla\_low\_res\_10 vs tce\_imm\_match

	Treatmap. Tha_low_res_10 vs tee_mm_mater											
G/B	0	32	27	18	23	44	3.5e+02		- 7000			
9/9	4	3.3e+02	2e+02	1.4e+02	1.4e+02	1.8e+02	1.4e+03		- 6000			
H/B -	0	40	19	11	20	33	93		- 5000			
tce_imm_match P/B H/H	2	1.5e+02	1.1e+02	66	55	91	5.3e+02		- 4000			
tce_imn P/B '	0	10	6	6	8	9	20		- 3000			
P/G	0	2	1	3	2	5	11		- 2000			
P/H -	1	7	9	5	3	11	40					
P/P	8	1.6e+03	7.6e+02	5.4e+02	6.8e+02	1.4e+03	7.9e+03		- 1000			
	Ø.	5°.	%. %	$\sqrt{\cdot}$ la_low_res_1	o %	9.0	<sup>2</sup> 00		- 0			

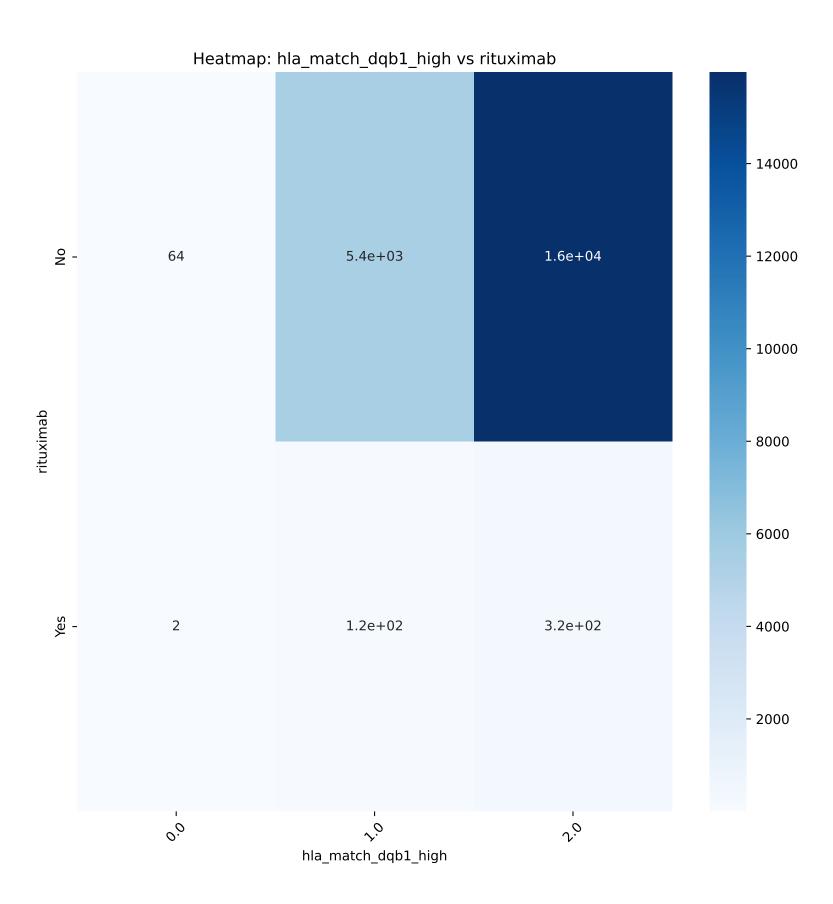


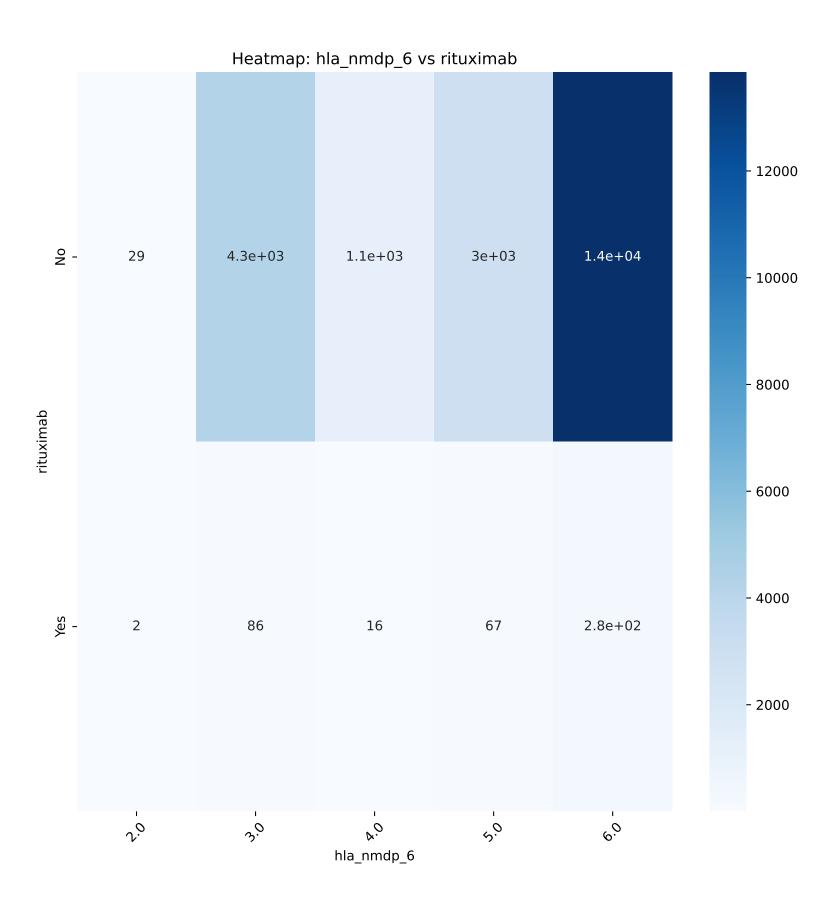
Heatmap: hla\_high\_res\_8 vs rituximab - 12000 10000 9 -25 2 3.4e+03 1.5e+03 1.3e+04 1.4e+03 2.1e+03 8000 rituximab 6000 - 4000 Yes -0 1 56 27 33 63 2.3e+02 - 2000 - 0 6.0 10 Ø. 0 hla\_high\_res\_8

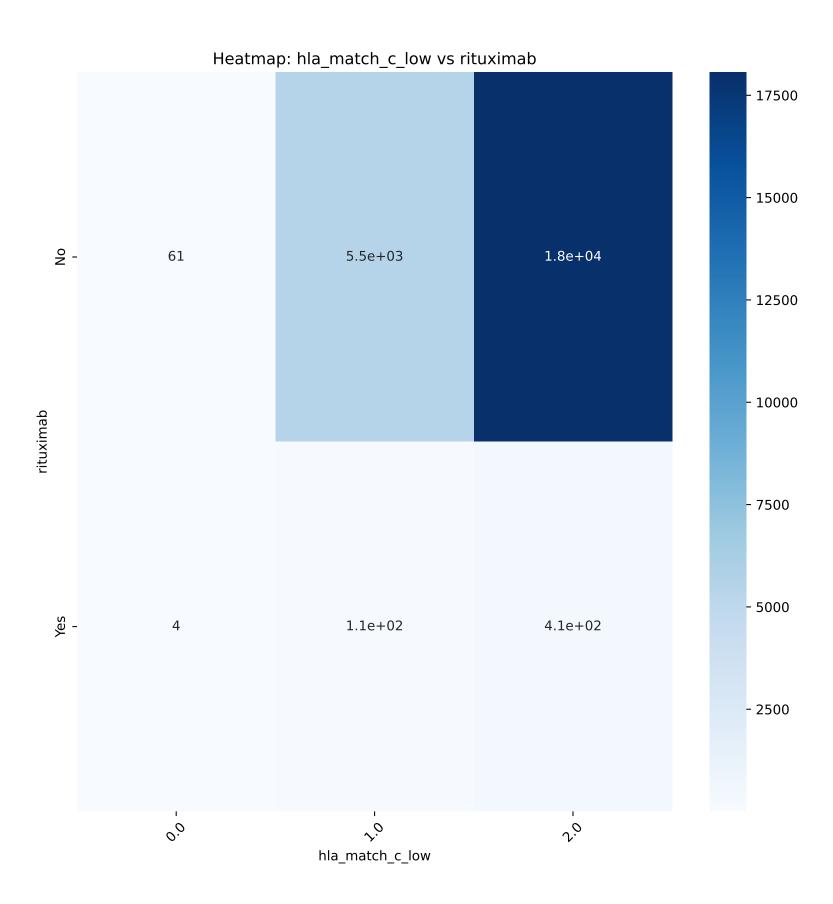


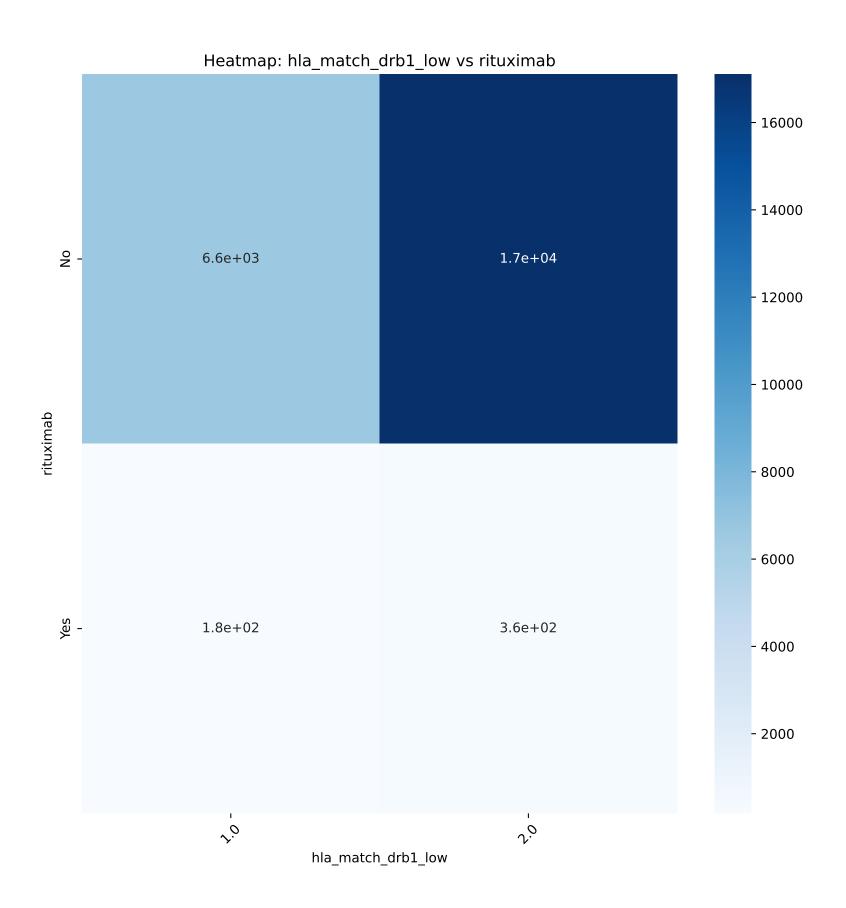


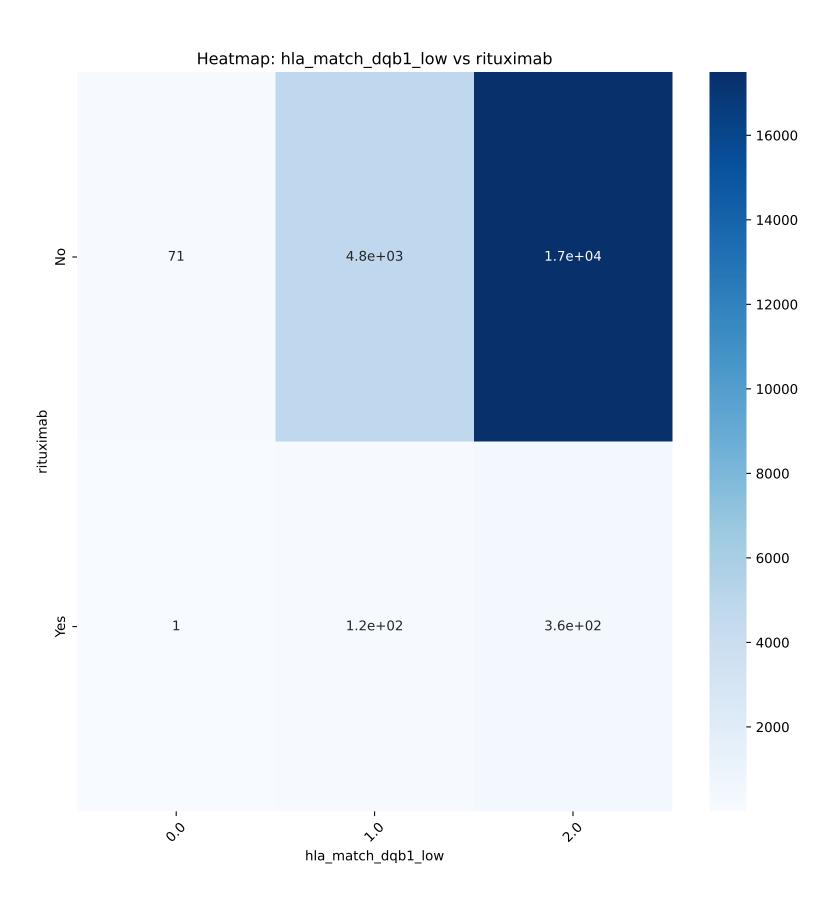
Heatmap: hla\_high\_res\_10 vs rituximab - 10000 1.2e+03 2.1e+03 1 21 2.8e+03 1.2e+03 1.1e+04 1e+03 8000 rituximab 6000 - 4000 Yes -0 0 49 18 21 1.9e+02 29 68 - 2000 \$.0 - 0 °. hla\_high\_res\_10

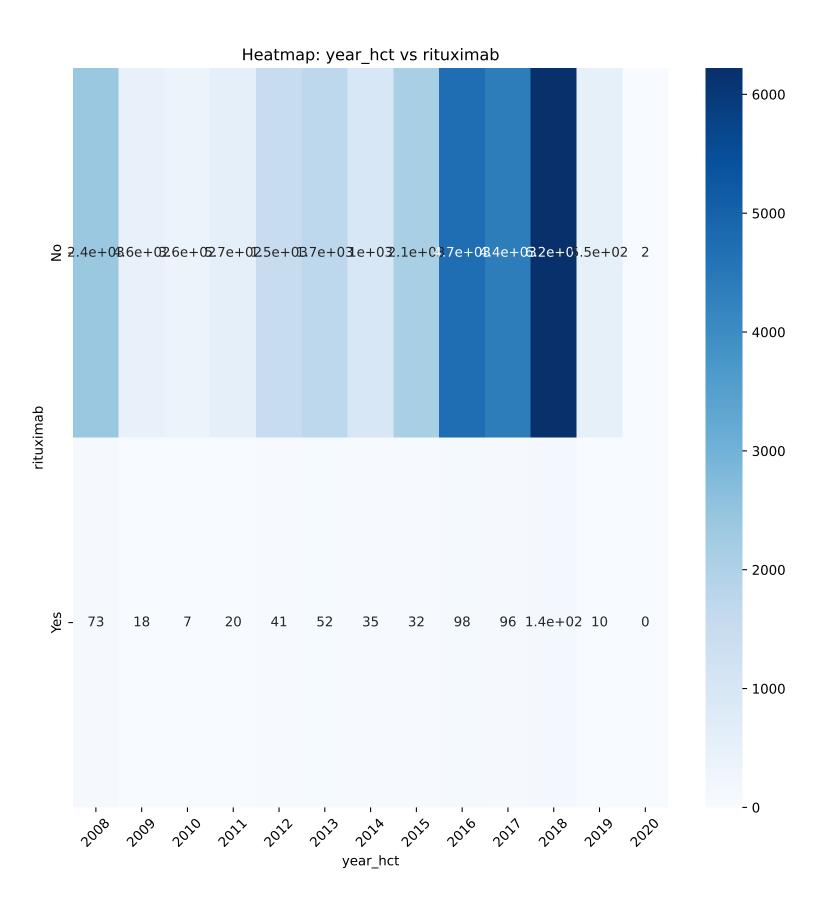


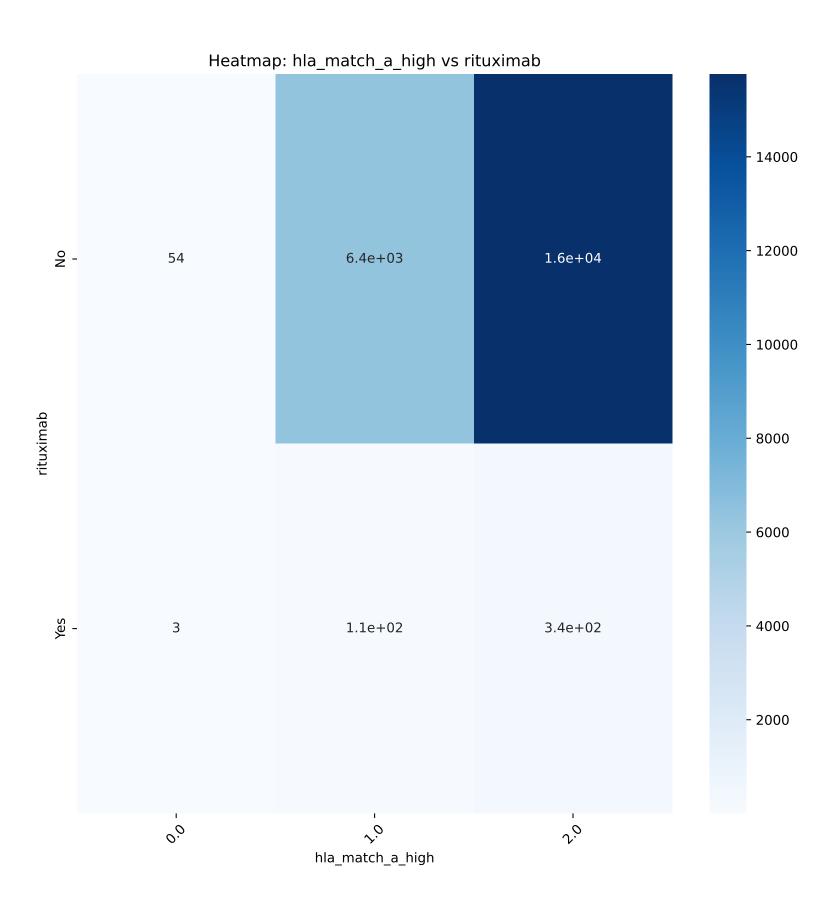




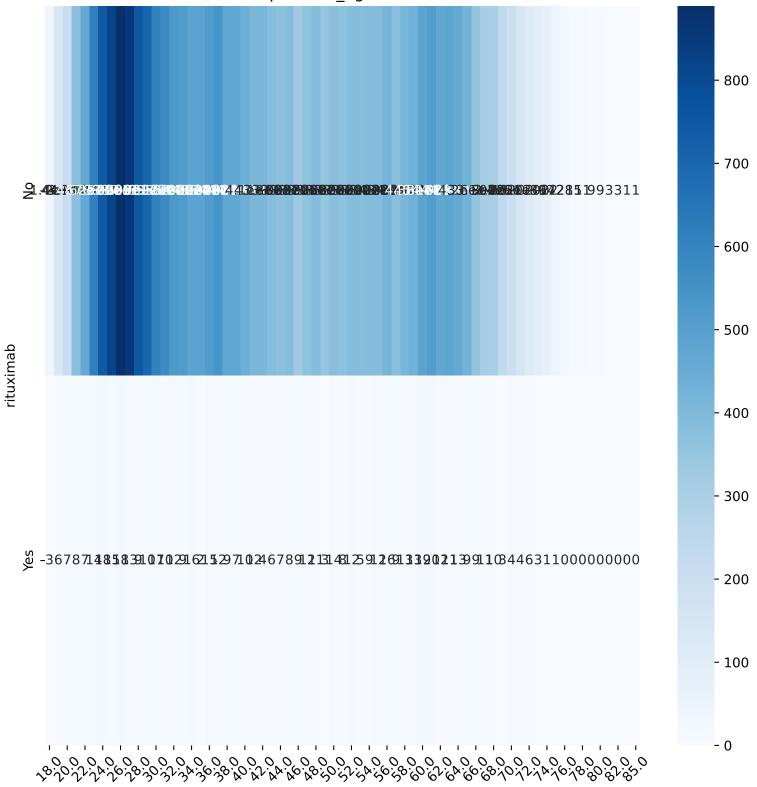


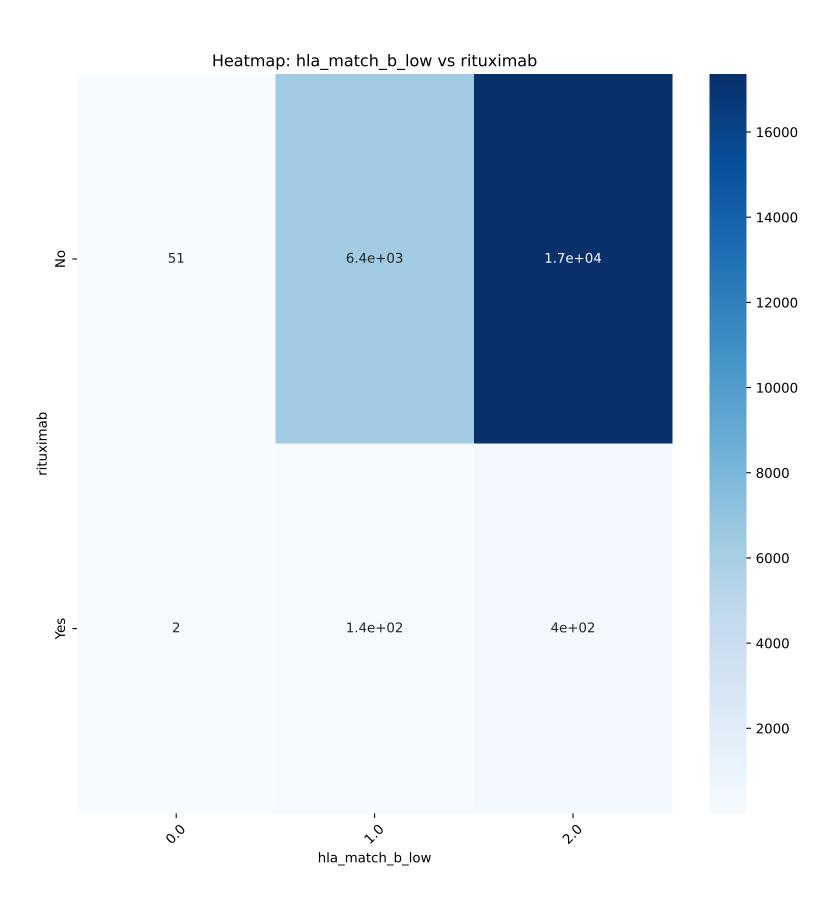


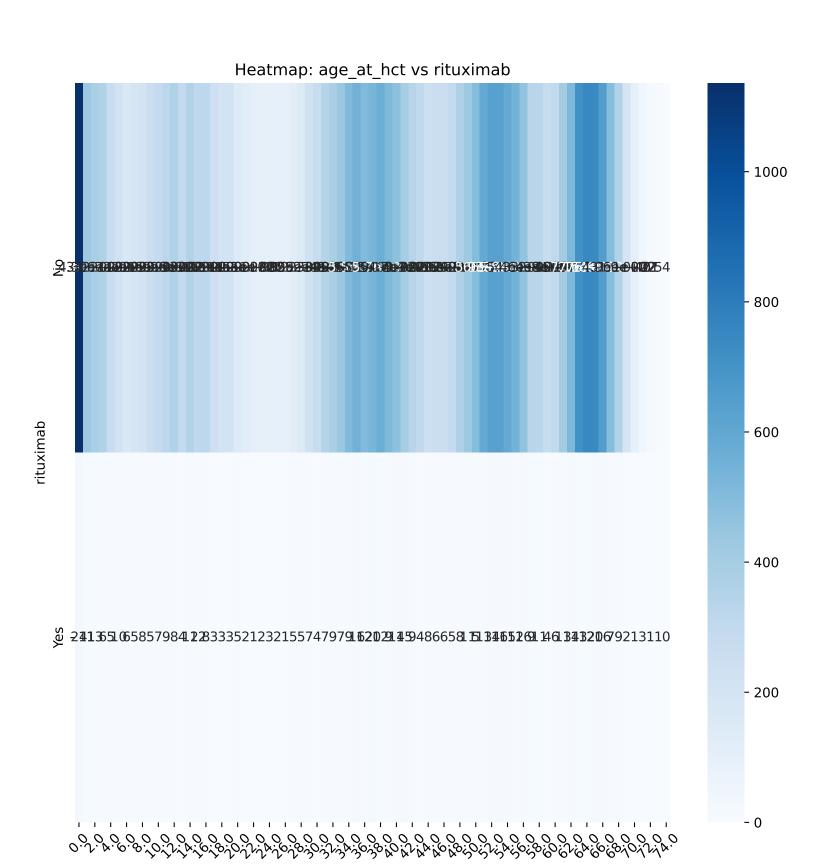


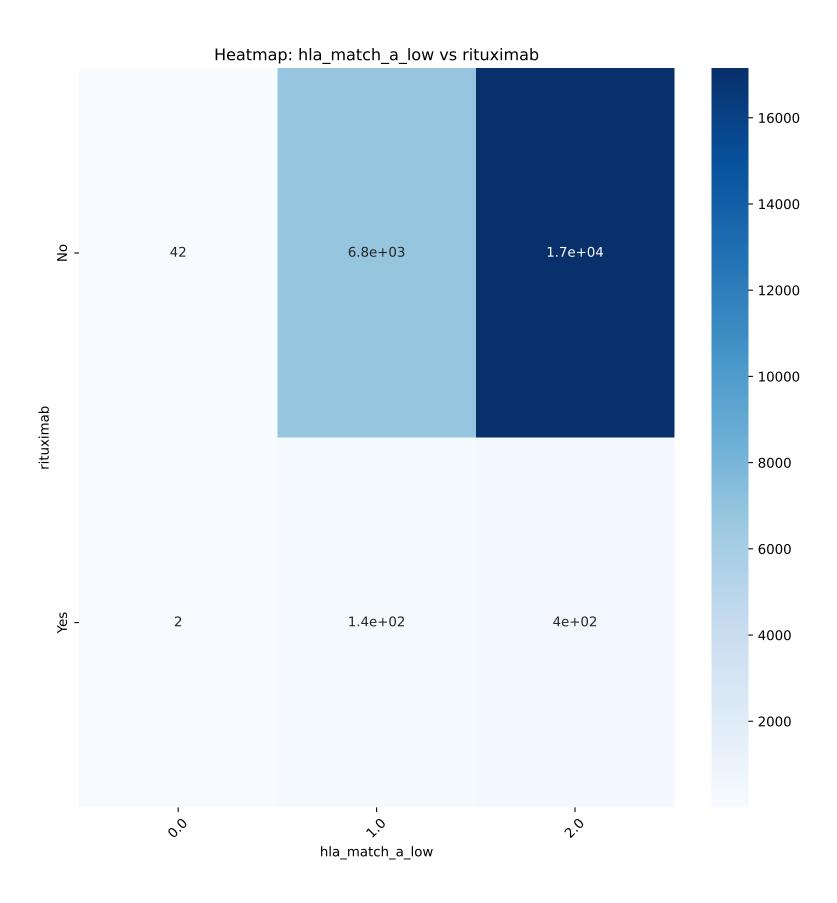


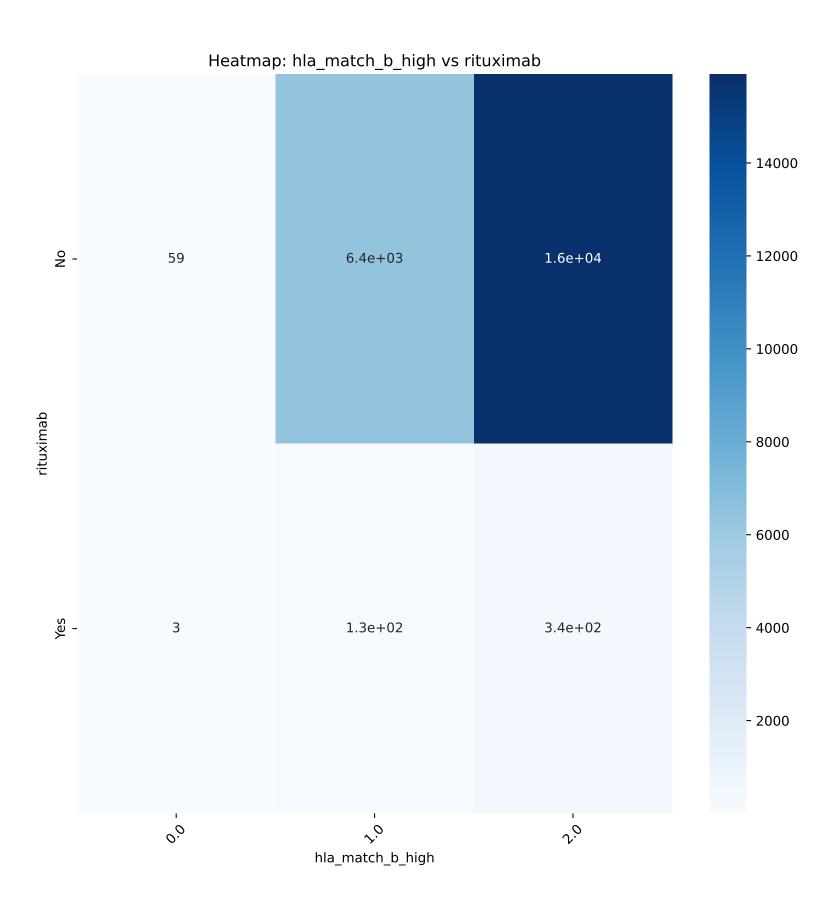
## Heatmap: donor\_age vs rituximab

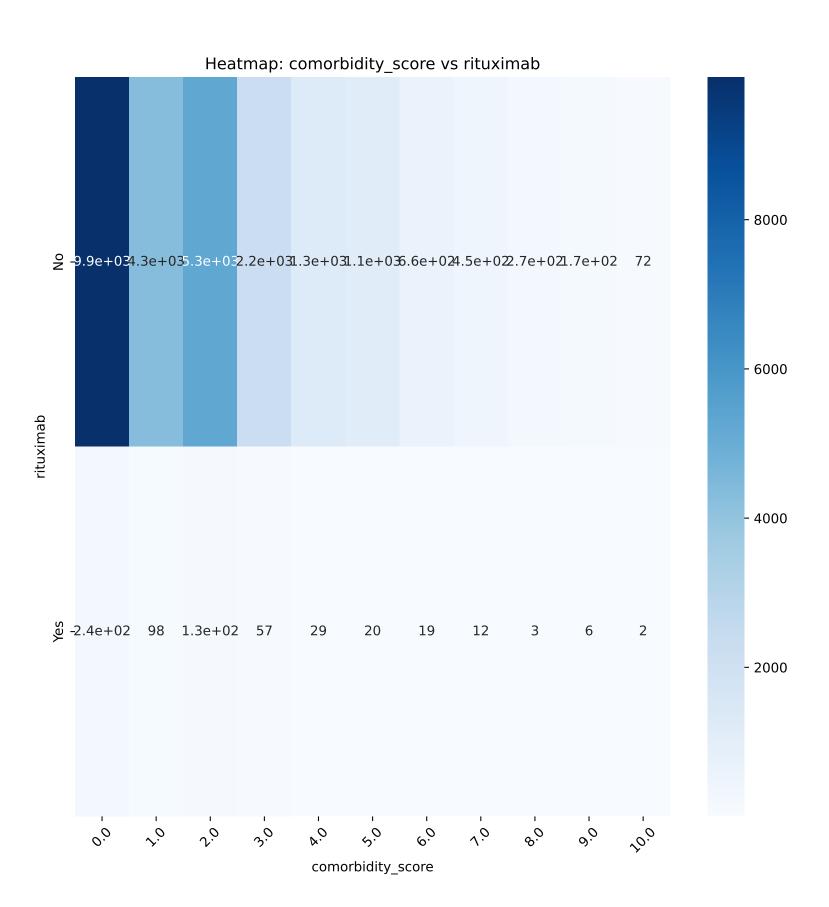


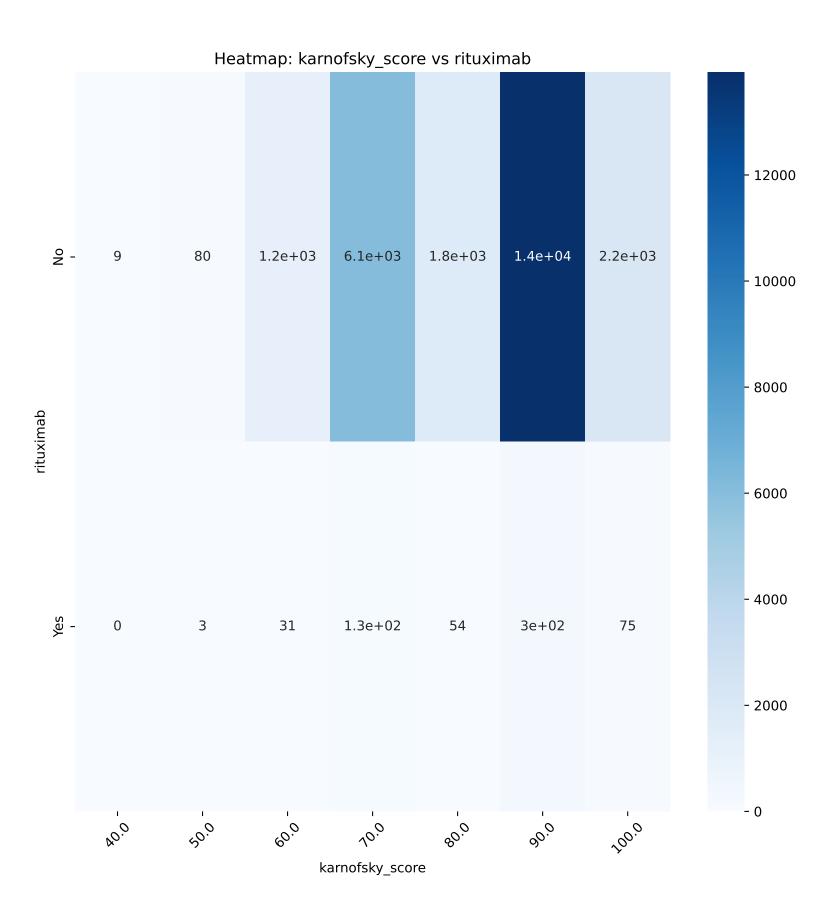




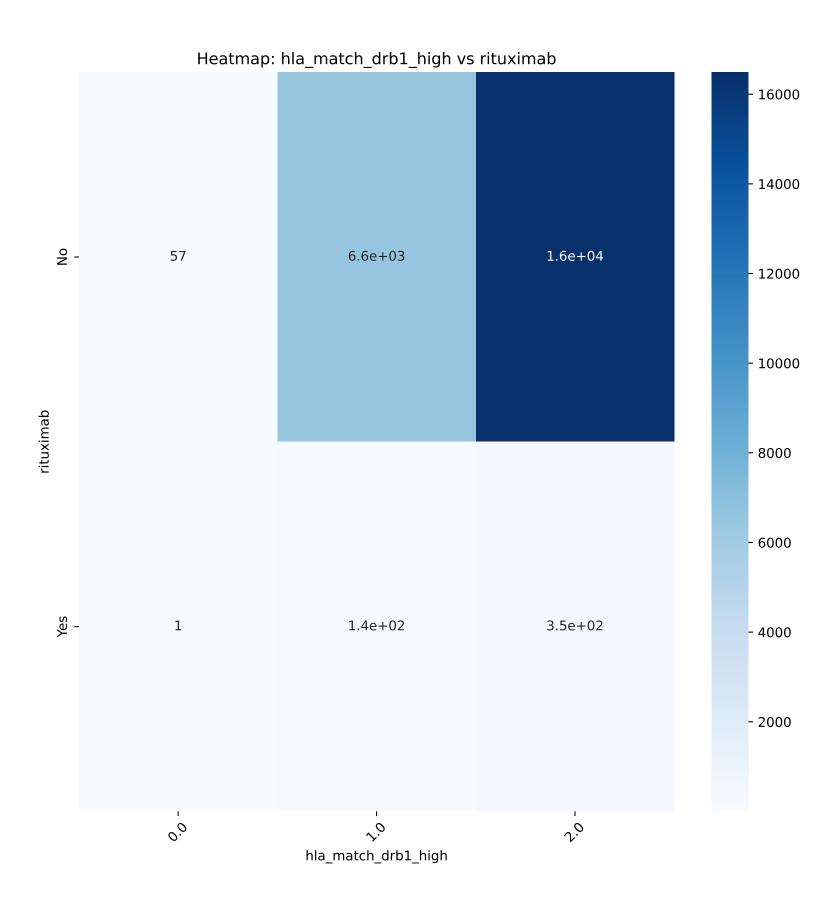




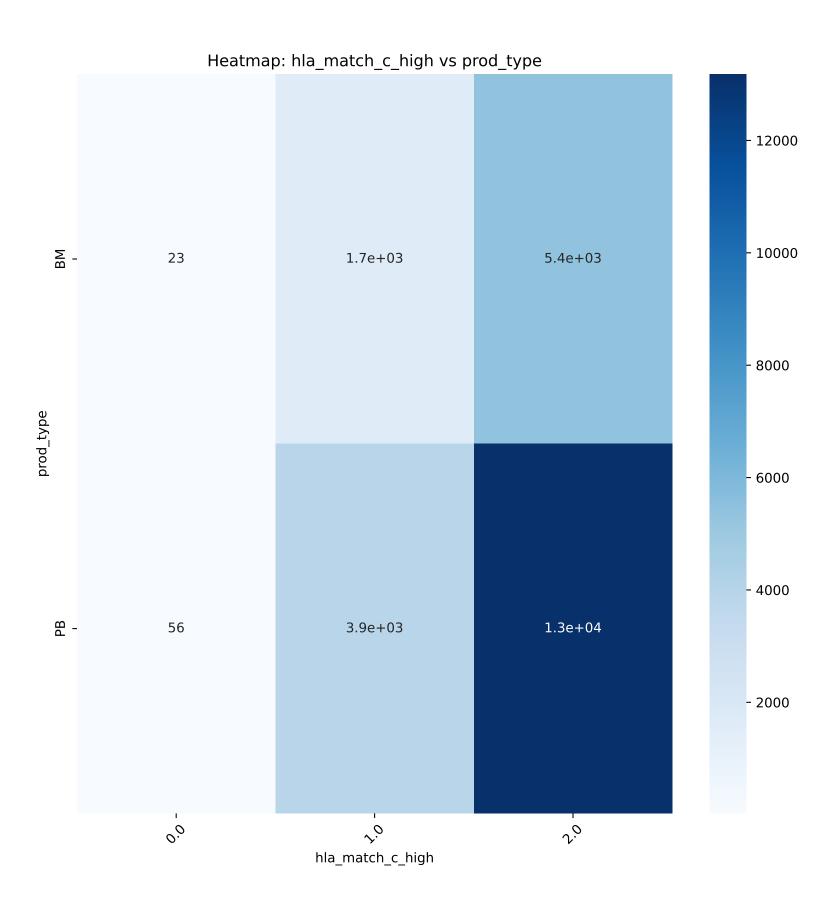




Heatmap: hla\_low\_res\_8 vs rituximab - 12000 ₽ -20 1 3.8e+03 1.3e+03 1.4e+04 1.4e+03 2.3e+03 - 10000 - 8000 rituximab - 6000 - 4000 Yes -0 2 64 45 37 69 2.9e+02 - 2000 - 0 %. 'O 10 Ø. 0 hla\_low\_res\_8

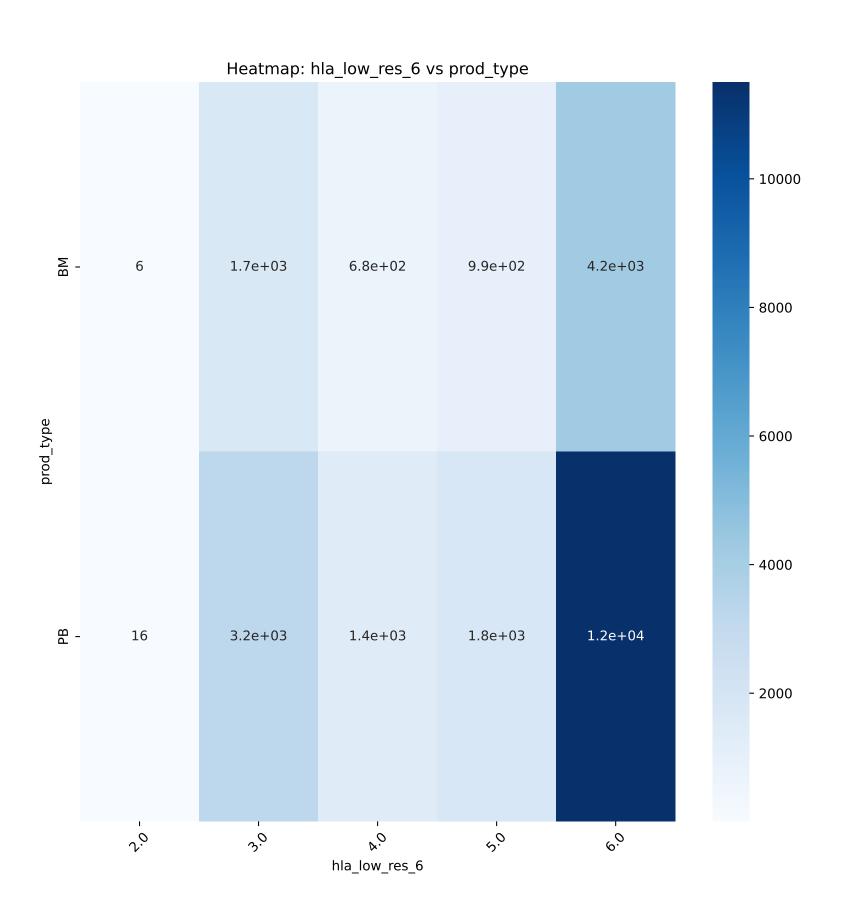


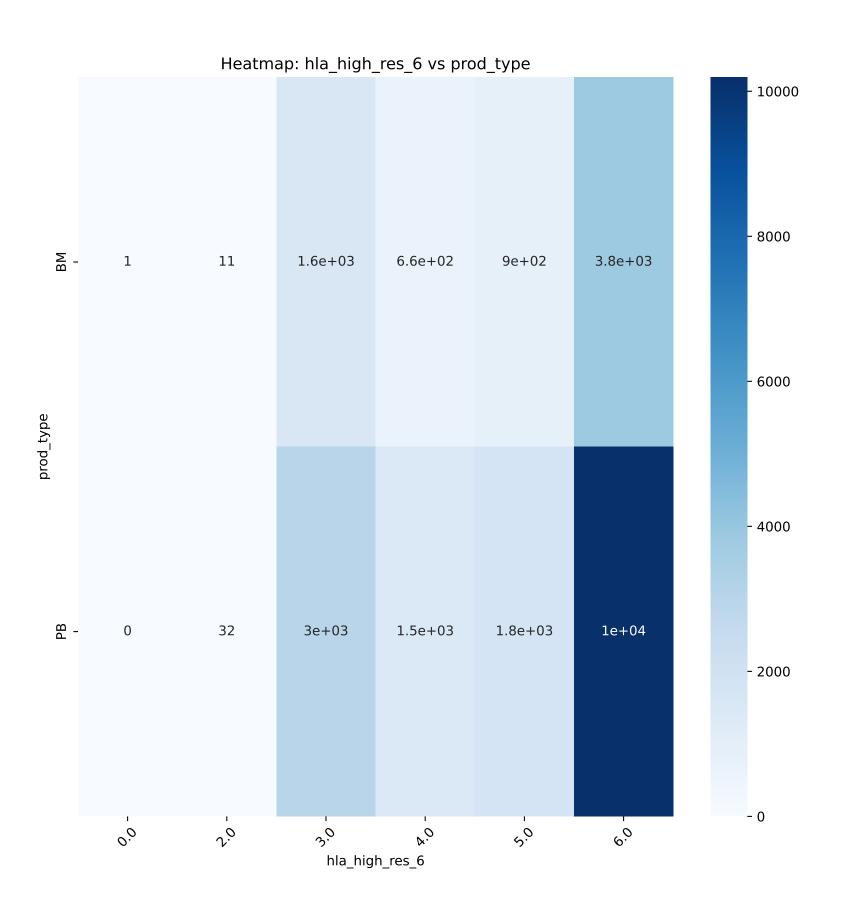
Heatmap: hla\_low\_res\_10 vs rituximab - 12000 - 10000 ₽-20 2.9e+03 1.5e+03 1.3e+04 1e+03 1.2e+03 2.3e+03 8000 rituximab - 6000 - 4000 Yes -1 53 26 35 34 66 2.4e+02 - 2000 10 00.0 °. 80 hla\_low\_res\_10



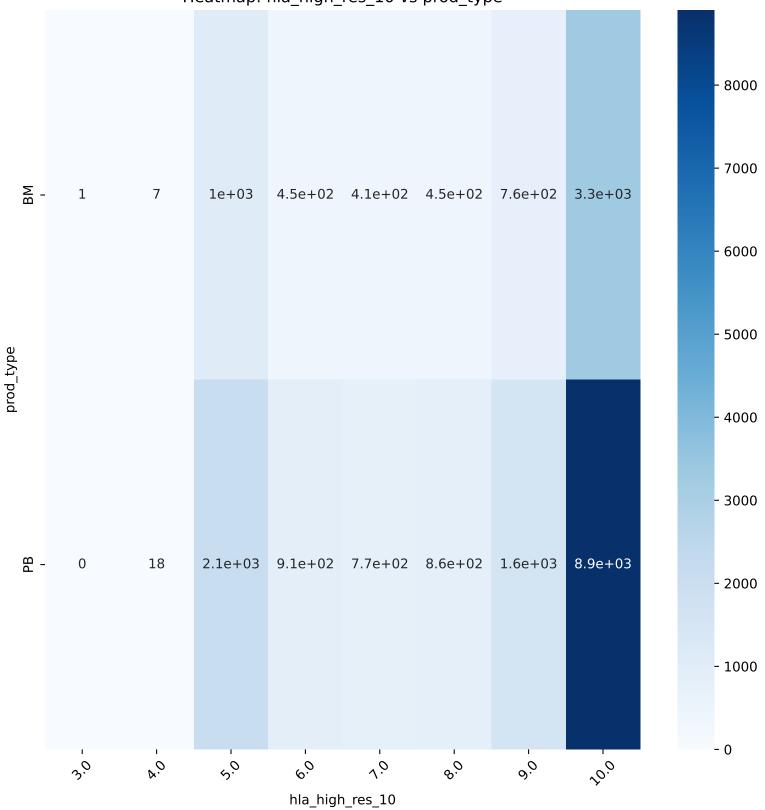
Heatmap: hla\_high\_res\_8 vs prod\_type - 8000 <u>B</u> -2 1.2e+03 8 5.4e+02 7.8e+02 3.7e+03 5.1e+02 6000 prod\_type - 4000 PB -0 20 2.6e+03 1.1e+03 1.6e+03 9.9e+03 1e+03 - 2000 - 0 % رٰ<sub>0</sub> **%**.

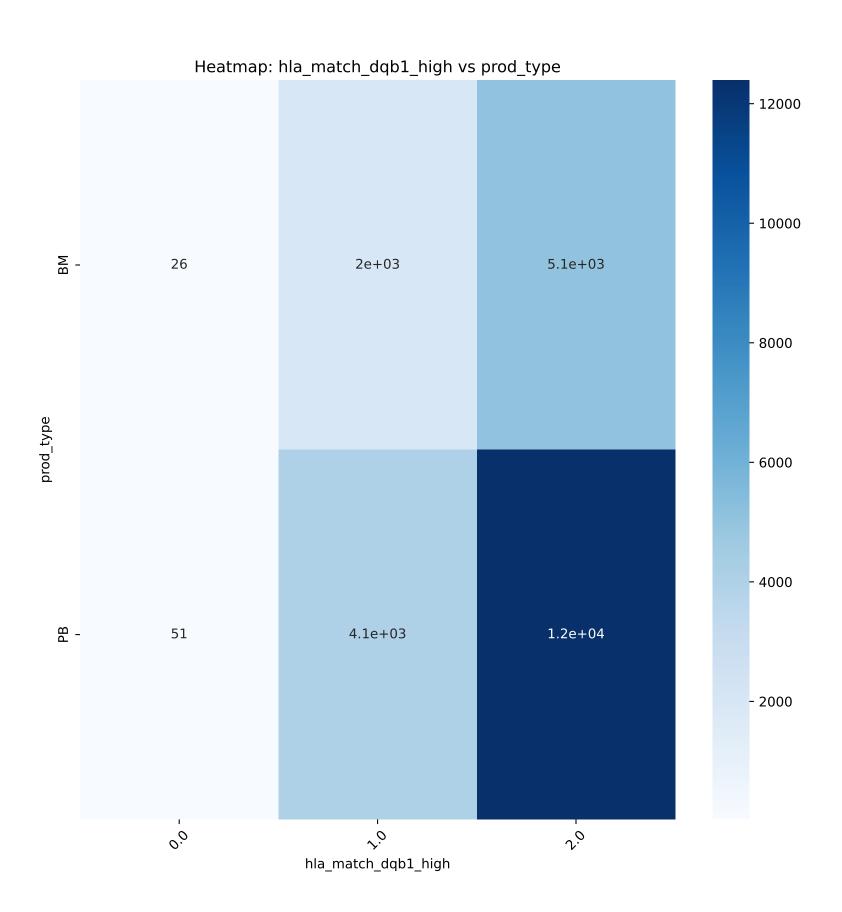
hla\_high\_res\_8

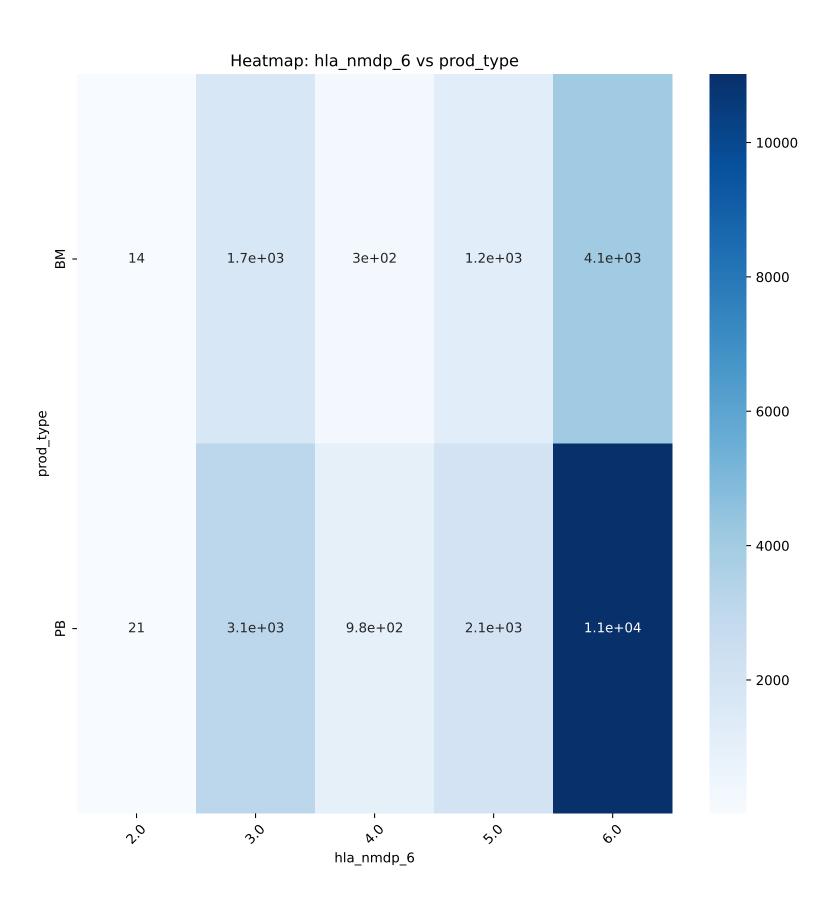


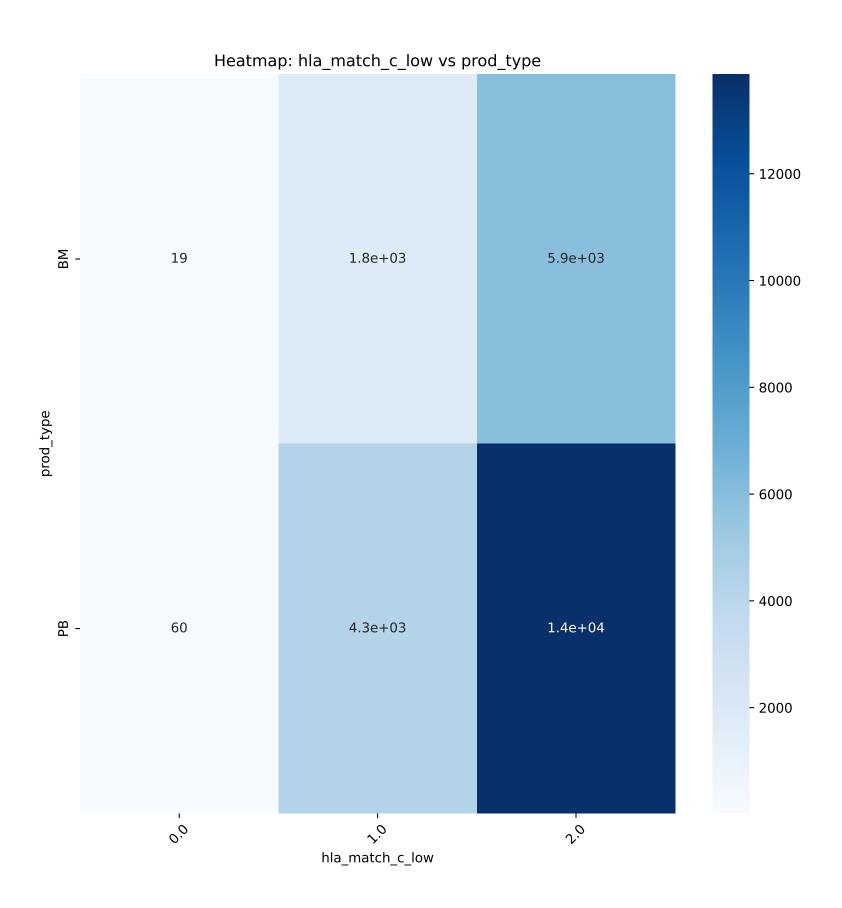


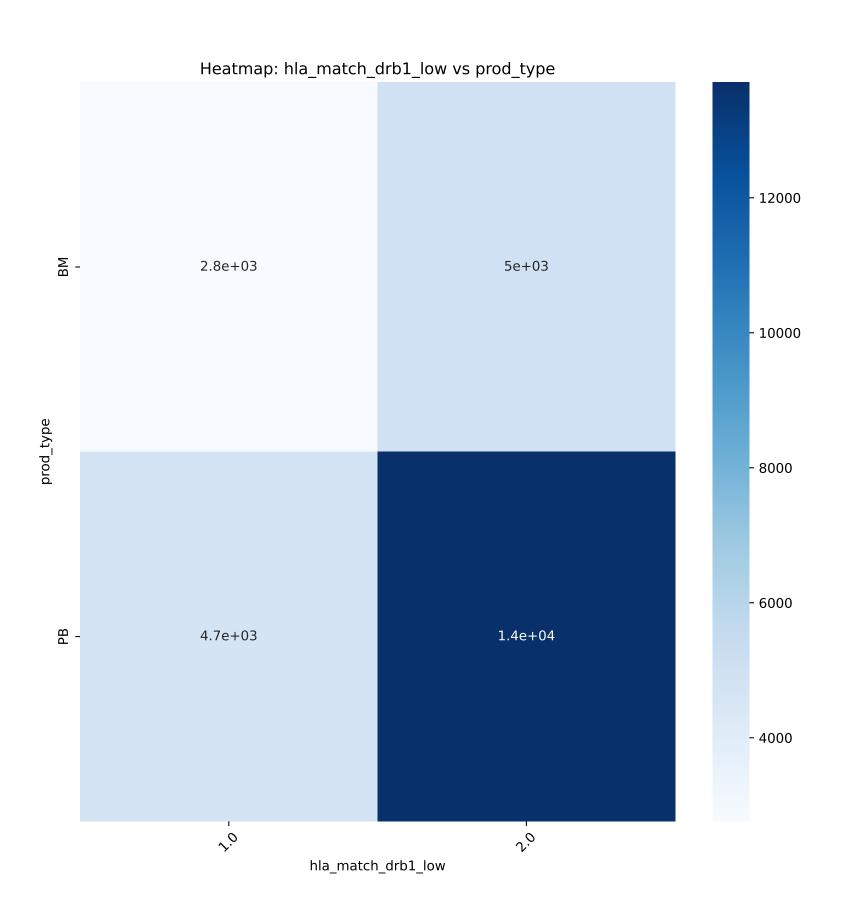
Heatmap: hla\_high\_res\_10 vs prod\_type

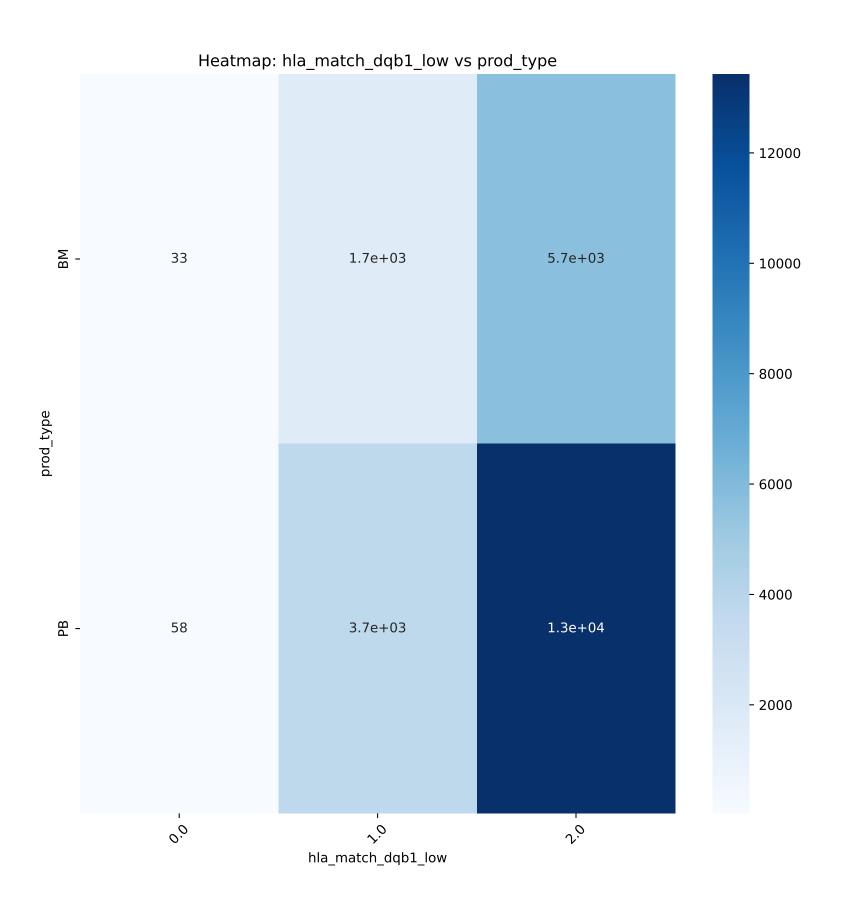


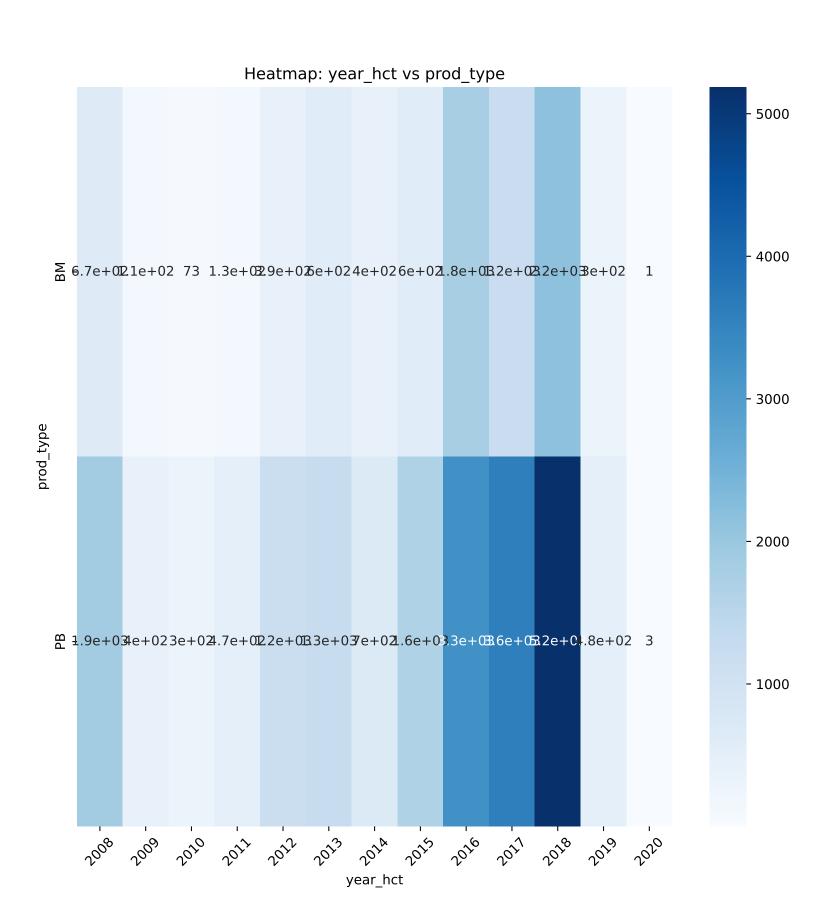


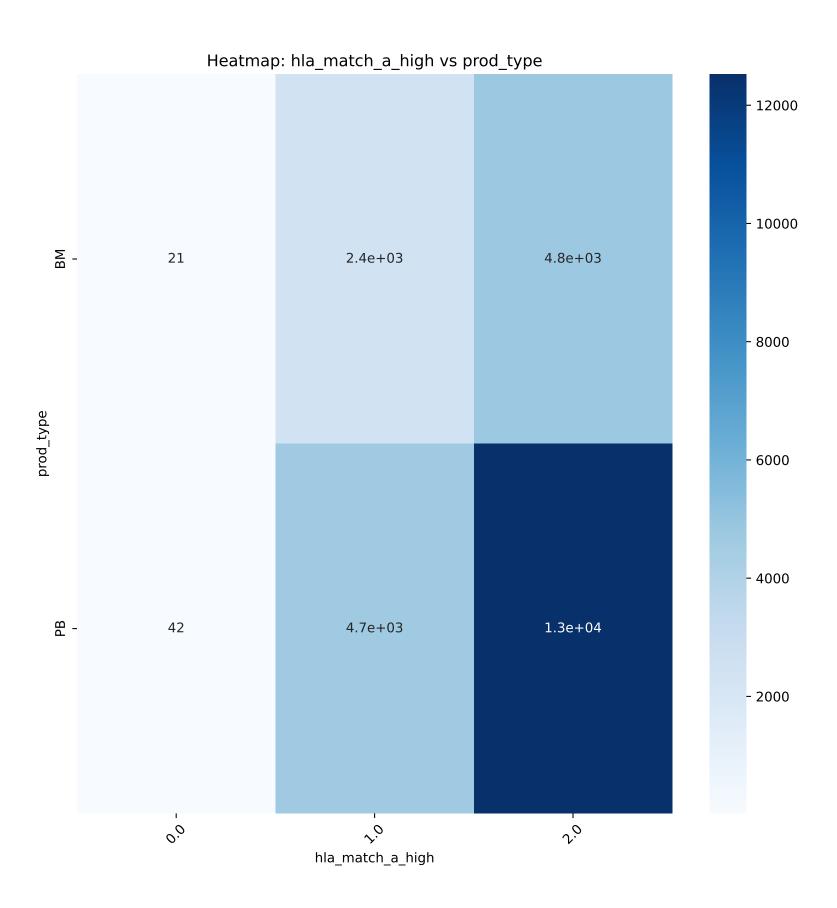


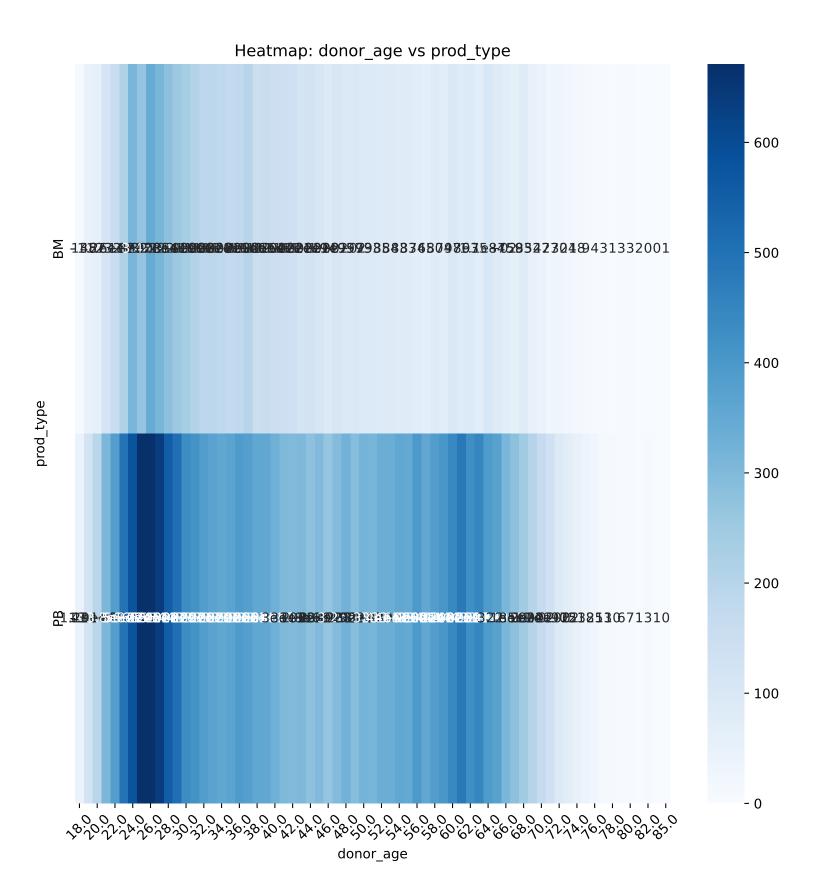


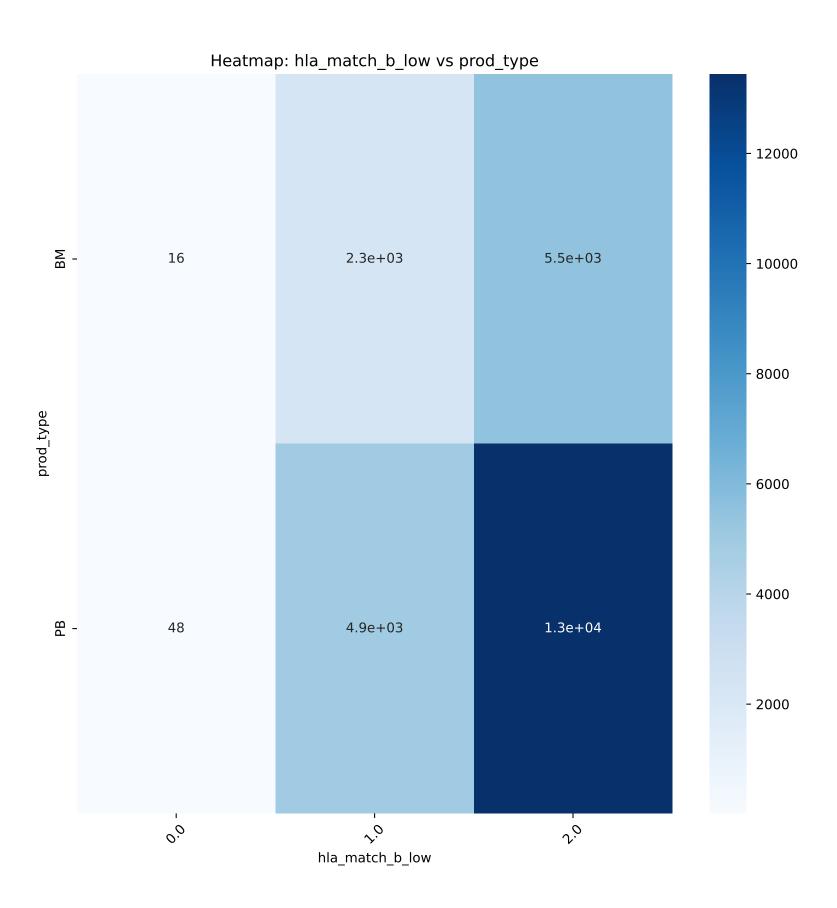


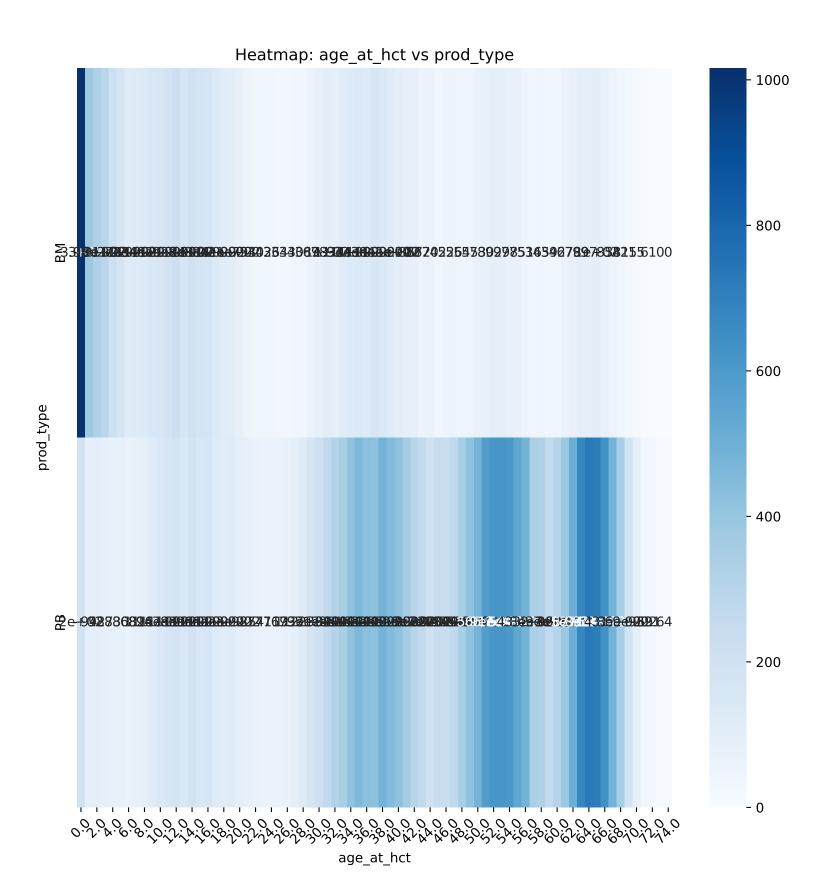


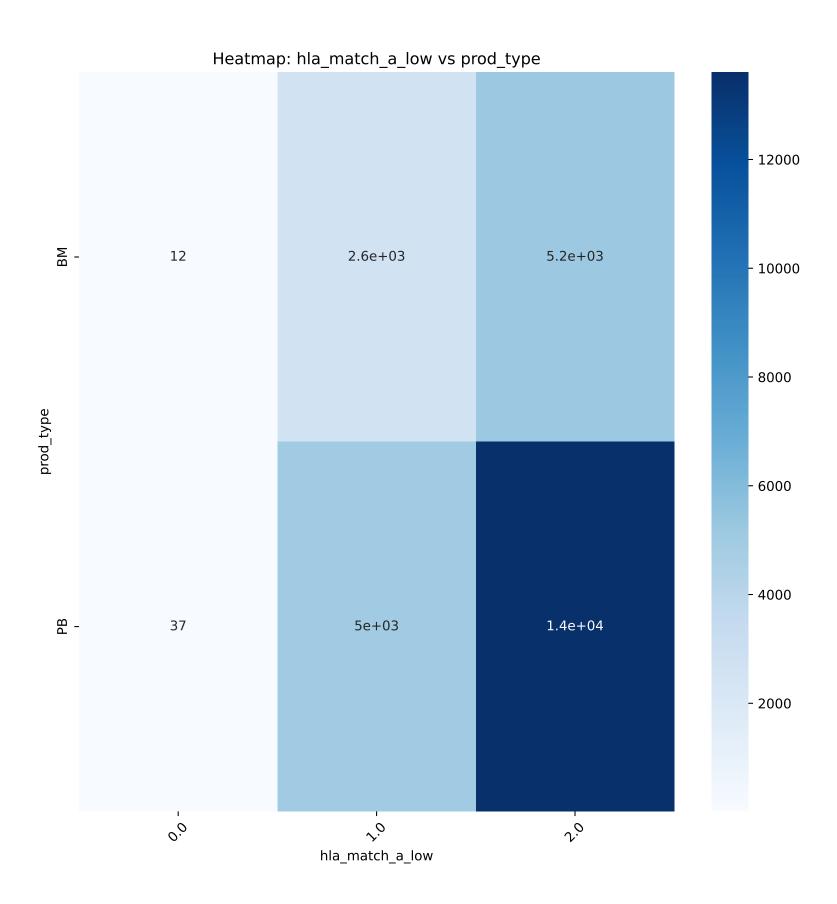


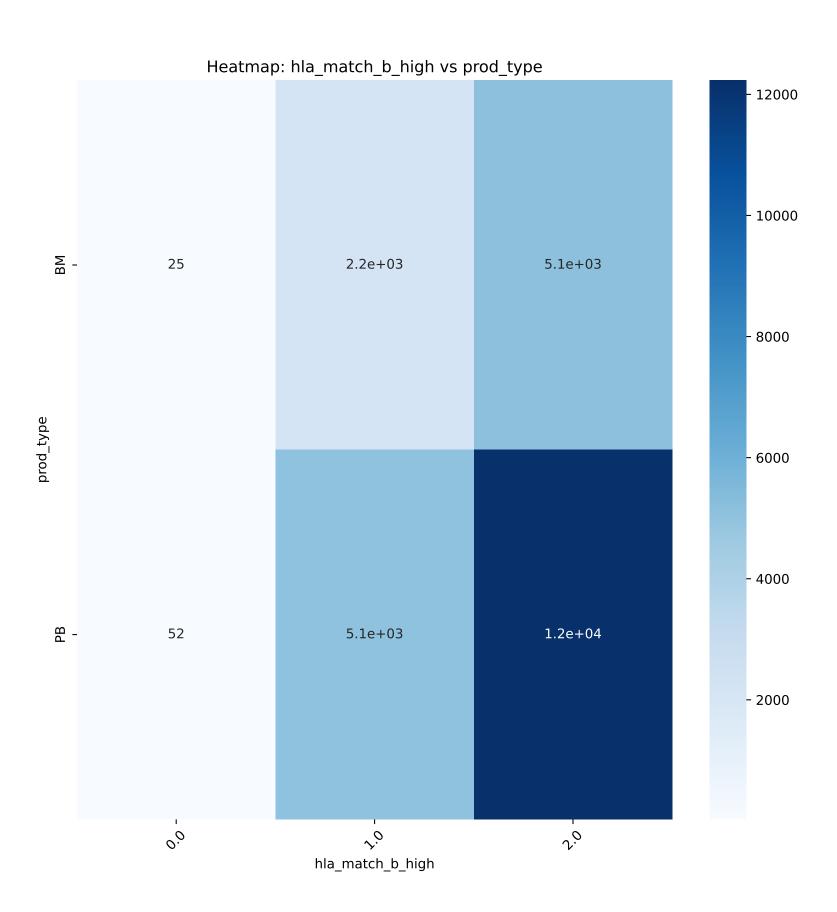


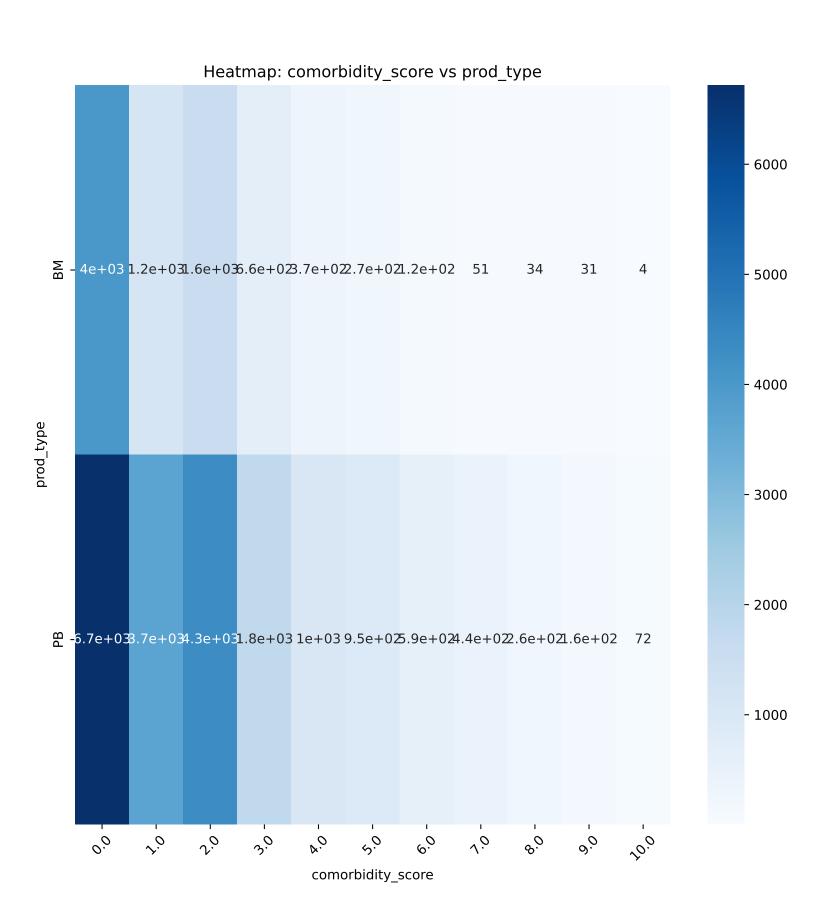


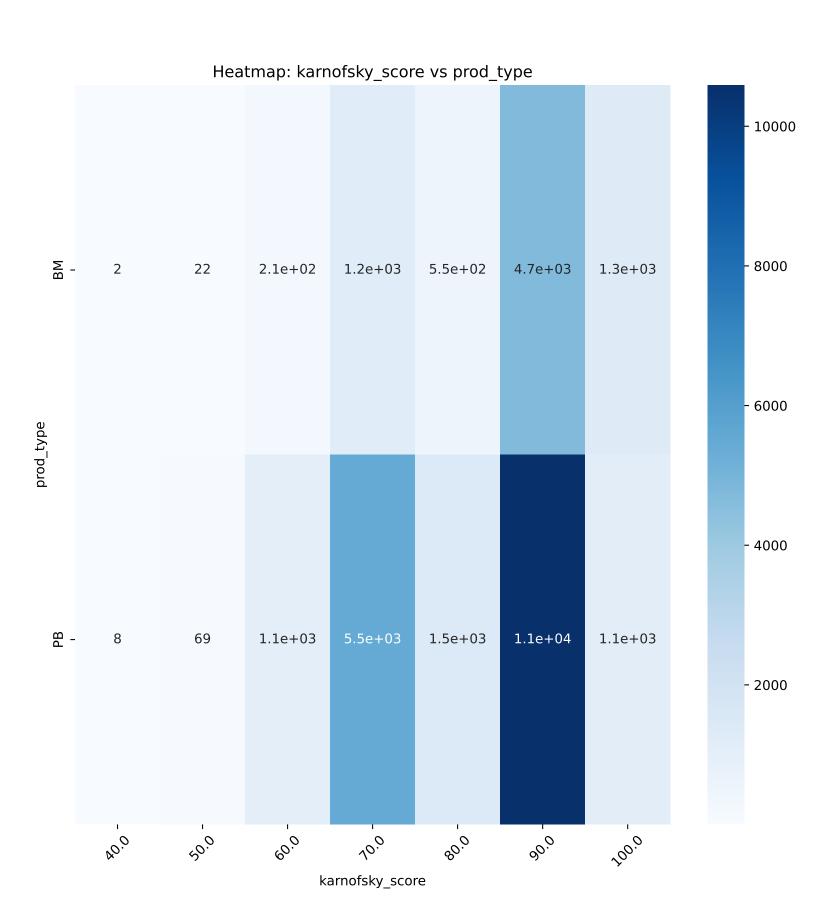




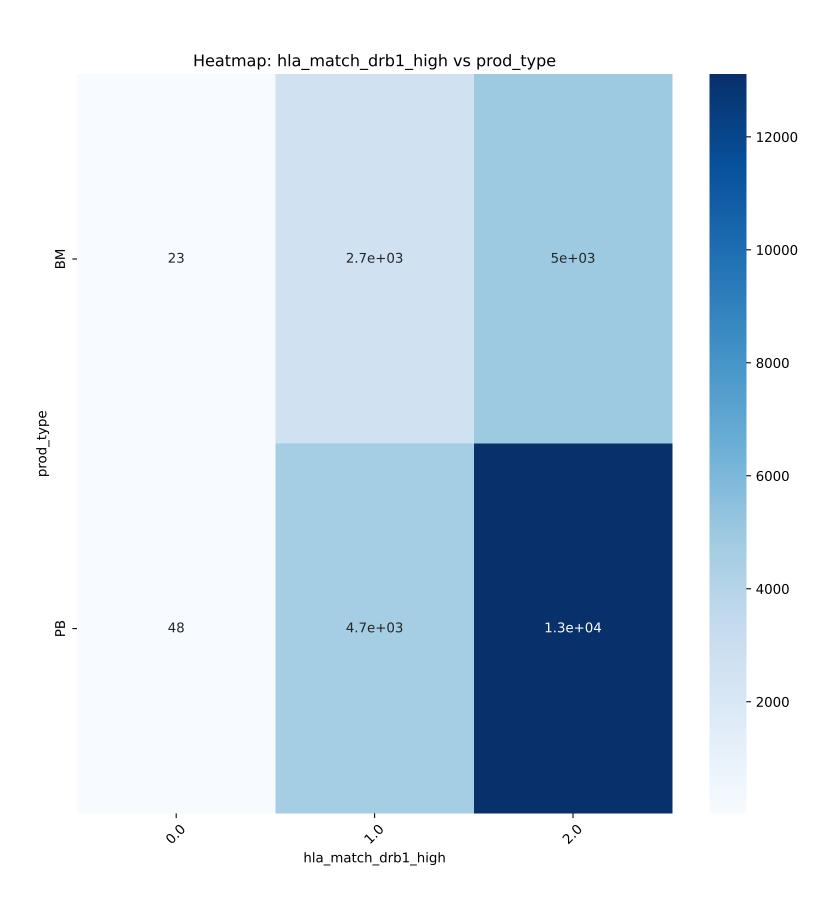




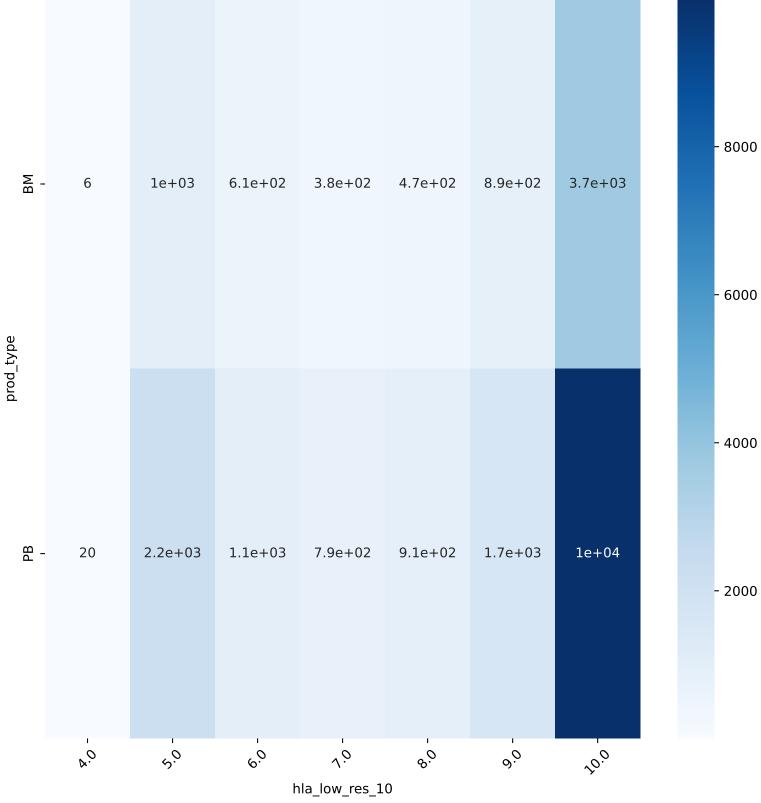


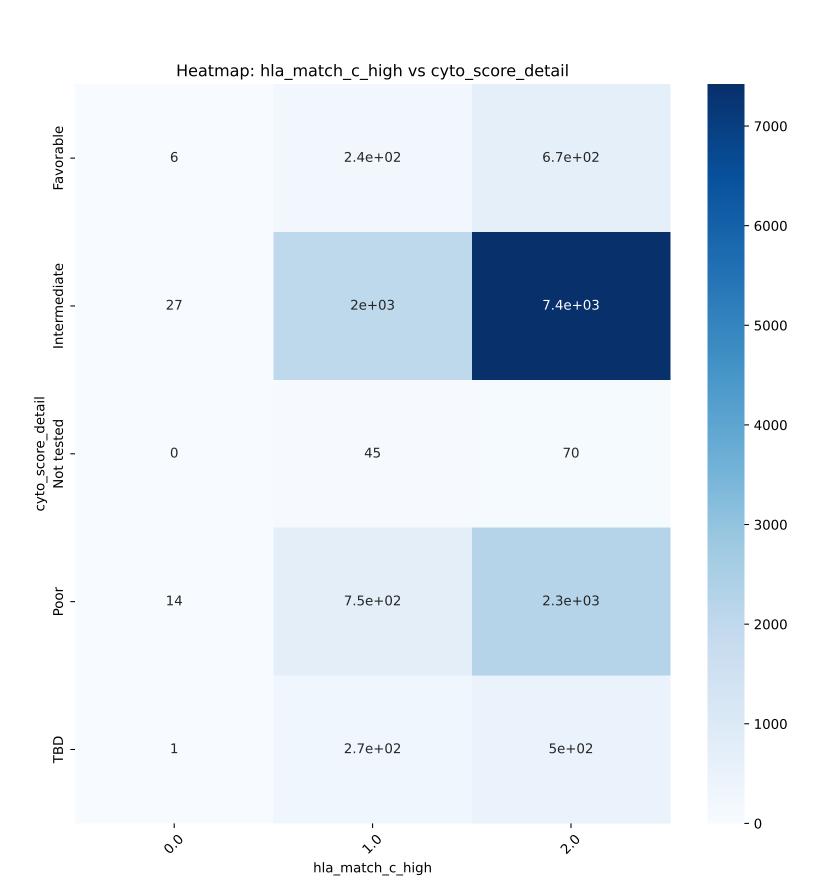


Heatmap: hla\_low\_res\_8 vs prod\_type - 10000 \_ ⊠ 0 1.4e+03 5.6e+02 5.1e+02 9.3e+02 4.1e+03 - 8000 - 6000 prod\_type - 4000 - B 1 19 2.9e+03 1.1e+03 9.8e+02 1.7e+03 1.1e+04 - 2000 - 0 % 70 v,o 50 hla\_low\_res\_8

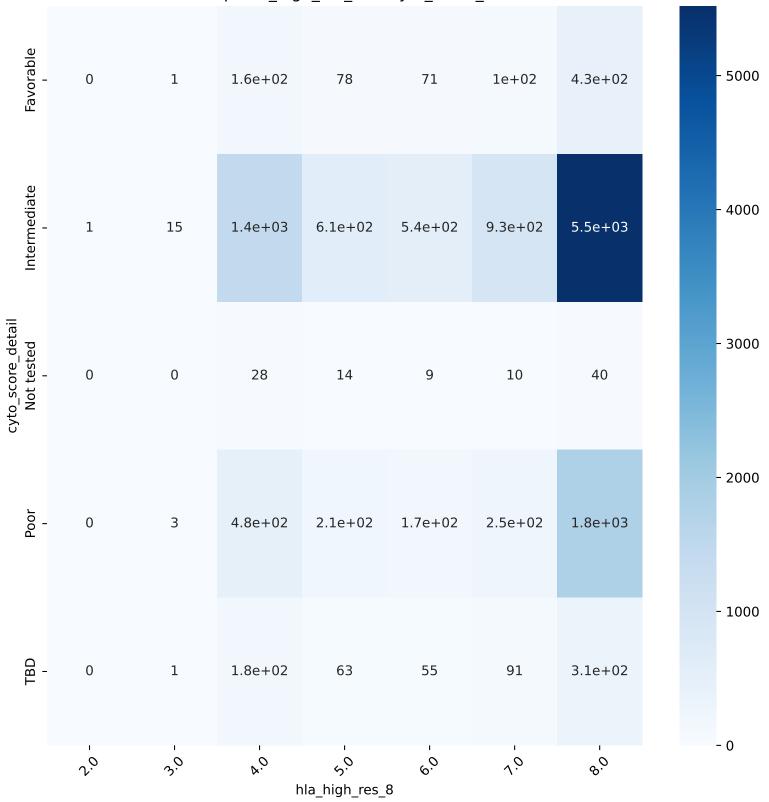


Heatmap: hla\_low\_res\_10 vs prod\_type





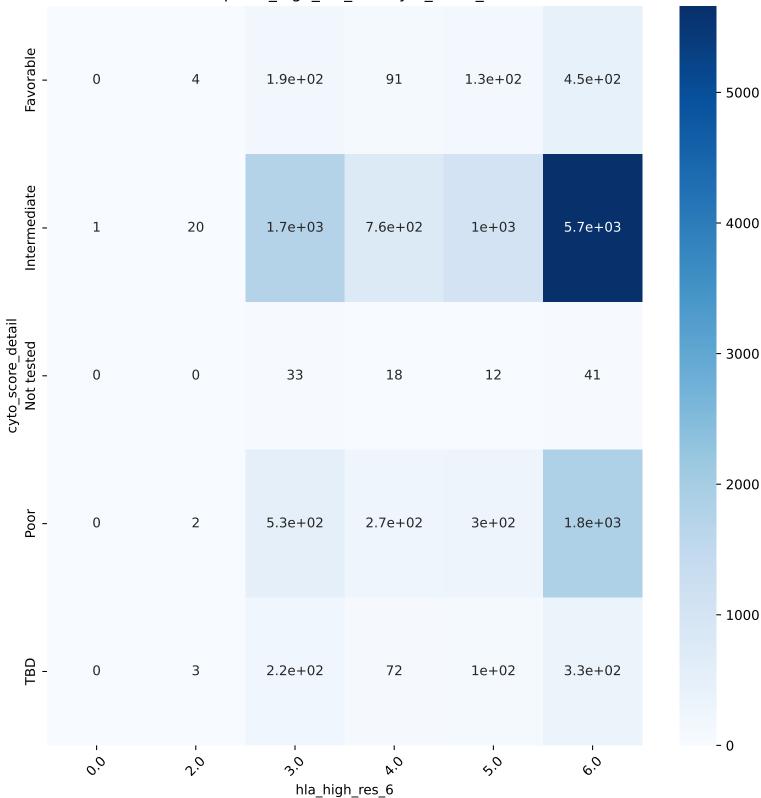
Heatmap: hla\_high\_res\_8 vs cyto\_score\_detail



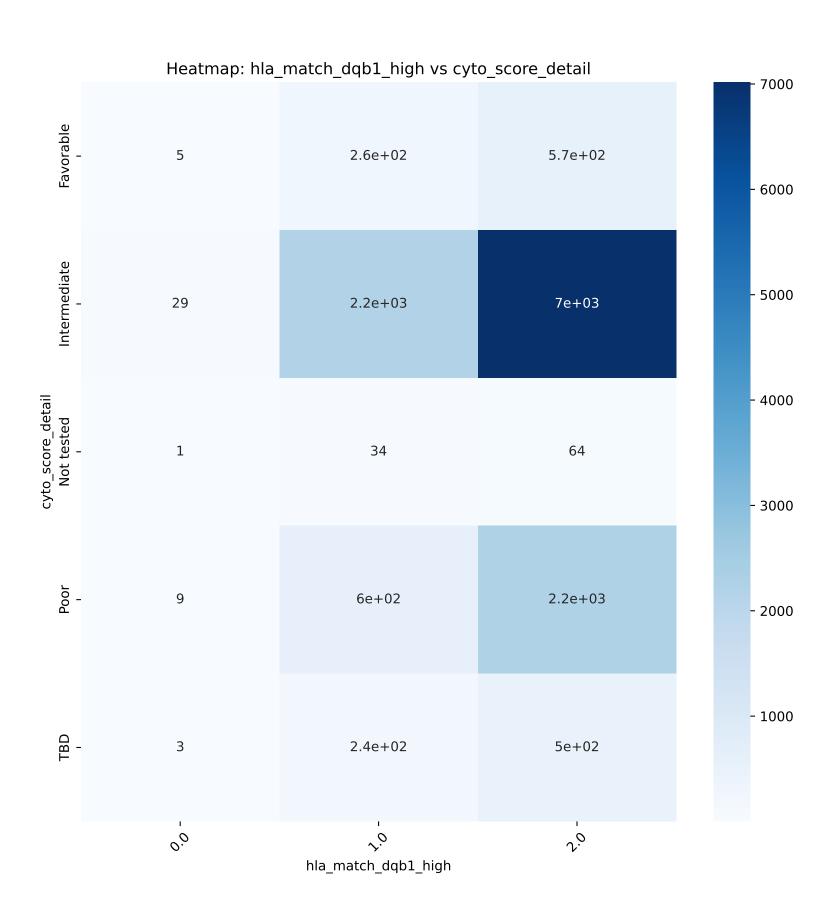
Heatmap: hla\_low\_res\_6 vs cyto\_score\_detail 6000 Favorable 2.1e+02 1.2e+02 0 98 5.4e+02 - 5000 Intermediate 7 1.9e+03 7.1e+02 6.3e+03 1e+03 4000 cyto\_score\_detail Not tested 31 20 1 17 46 - 3000 - 2000 Poor -5.4e+02 2.7e+02 1 2.3e+02 2e+03 - 1000 TBD -3.8e+02 2.4e+02 2 85 1e+02 - 0 50 60 ×0

hla\_low\_res\_6

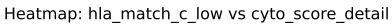
Heatmap: hla\_high\_res\_6 vs cyto\_score\_detail

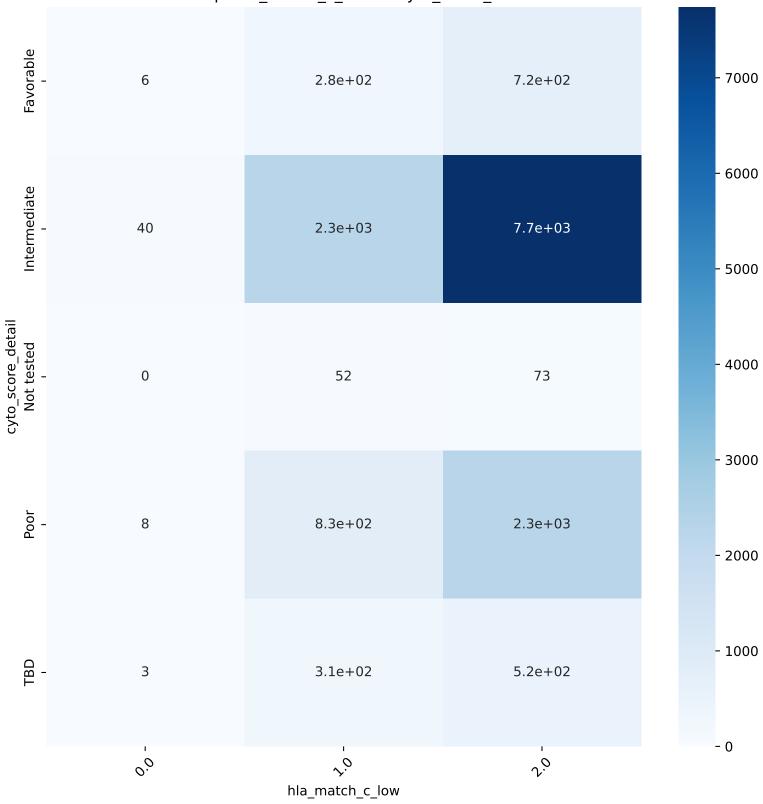


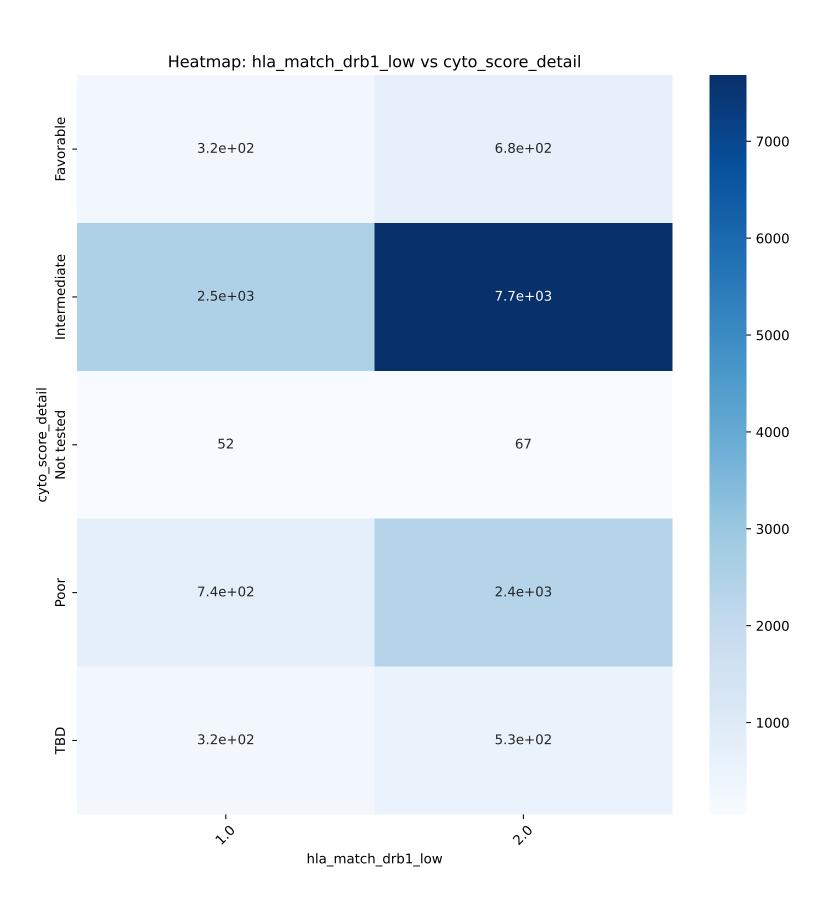
Heatmap: hla\_high\_res\_10 vs cyto\_score\_detail 5000 Favorable 62 0 1.2e+02 56 58 95 3.5e+02 4000 Intermediate 4.8e+02 9.2e+02 13 1.2e+03 5e+02 4.3e+02 5e+03 3000 cyto\_score\_detail Not tested 12 20 6 7 7 31 1 2000 Poor ' 3 3.7e+02 1.7e+02 1.5e+02 1.4e+02 2.4e+02 1.6e+03 - 1000 TBD -78 42 1 1.4e+02 53 50 2.8e+02 - 0 50 60 10 90 90 hla\_high\_res\_10

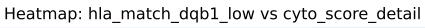


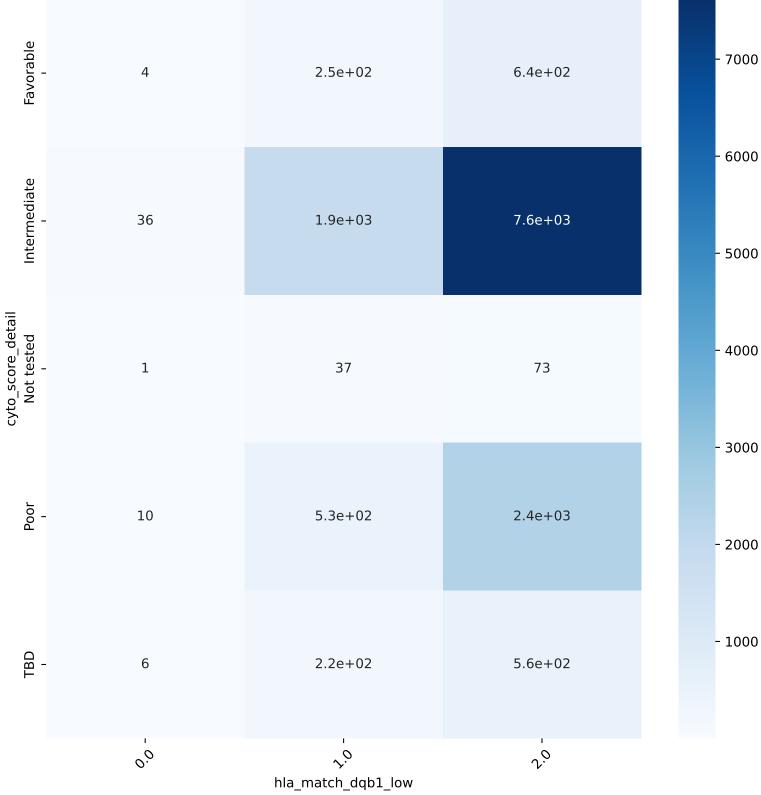
Heatmap: hla\_nmdp\_6 vs cyto\_score\_detail 6000 Favorable 2 2e+02 69 1.2e+02 5.1e+02 - 5000 Intermediate 8 1.8e+03 4.6e+02 6.1e+03 1.3e+03 4000 cyto\_score\_detail Not tested 1 38 12 51 8 3000 - 2000 Poor -5.6e+02 2.6e+02 4 1.5e+02 2e+03 - 1000 TBD -3 2.4e+02 51 1e+02 3.7e+02 °, **b**.0 50 hla\_nmdp\_6



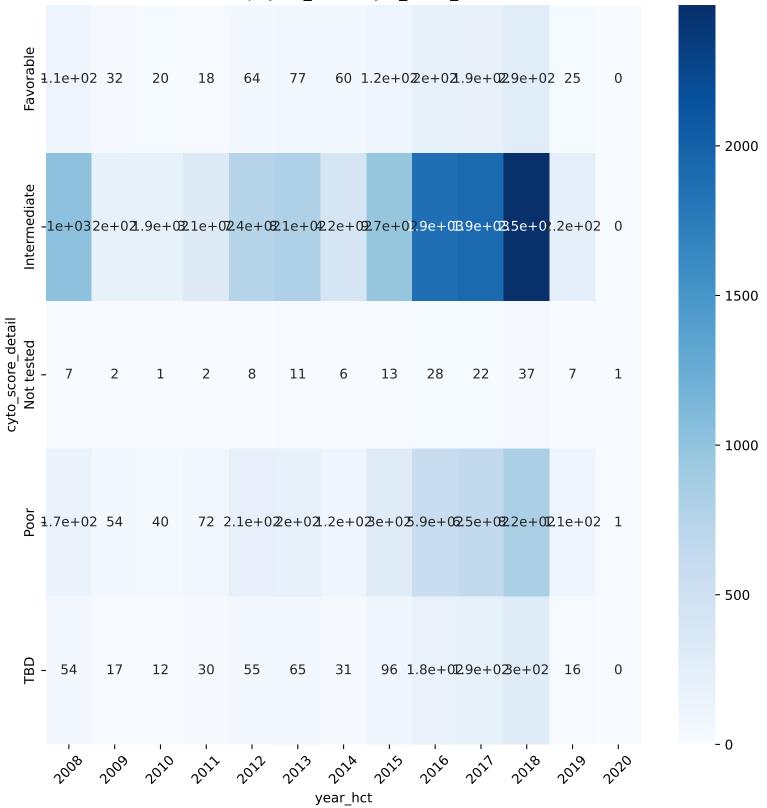


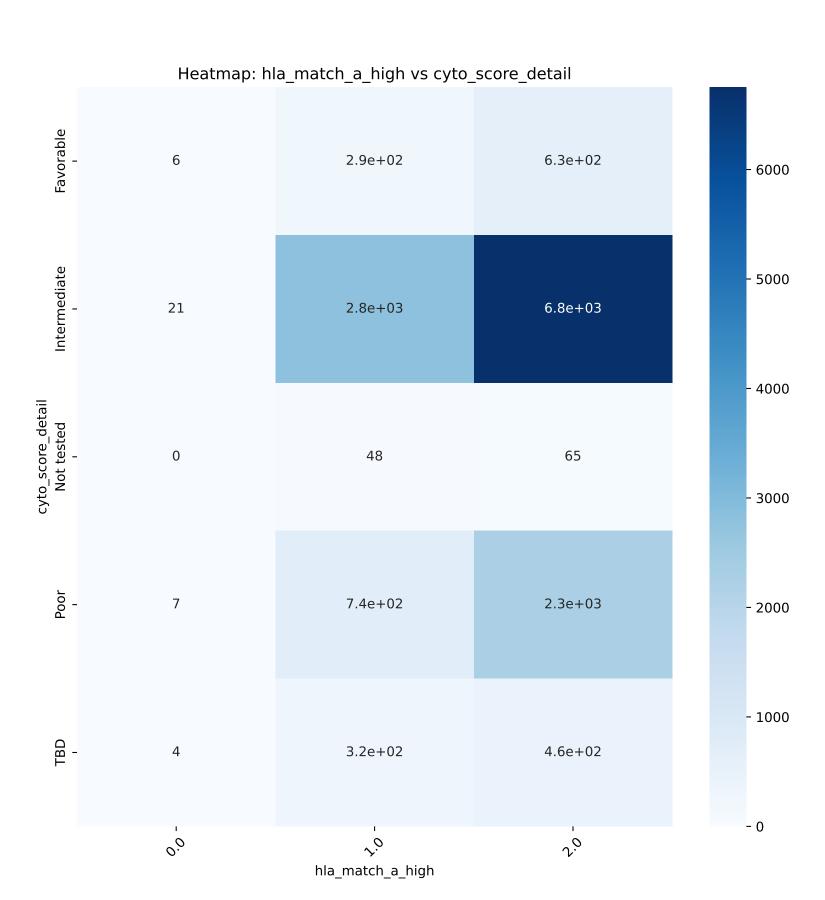




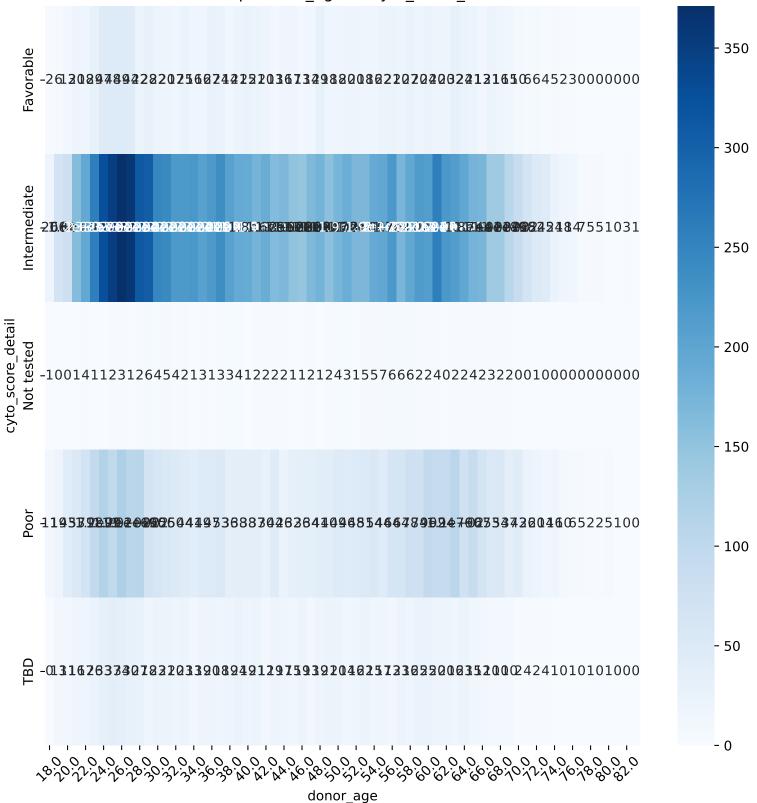


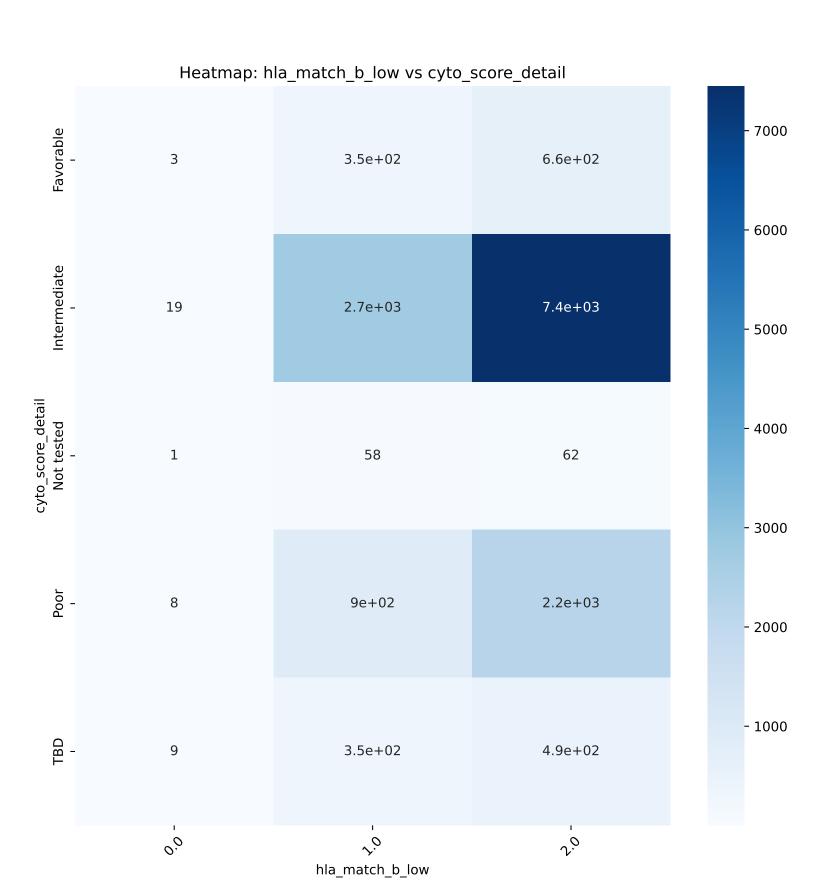




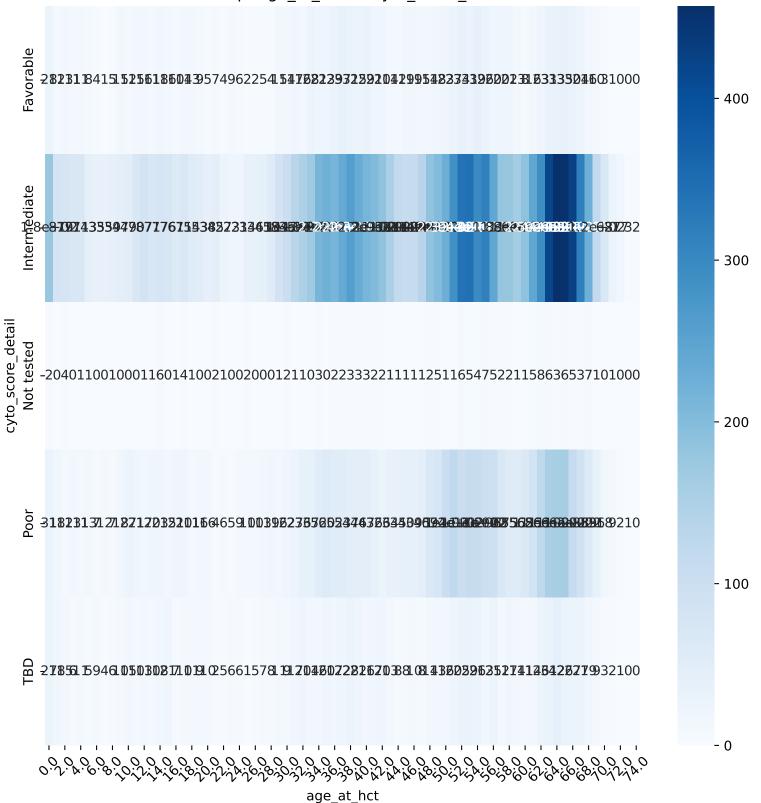


## Heatmap: donor\_age vs cyto\_score\_detail

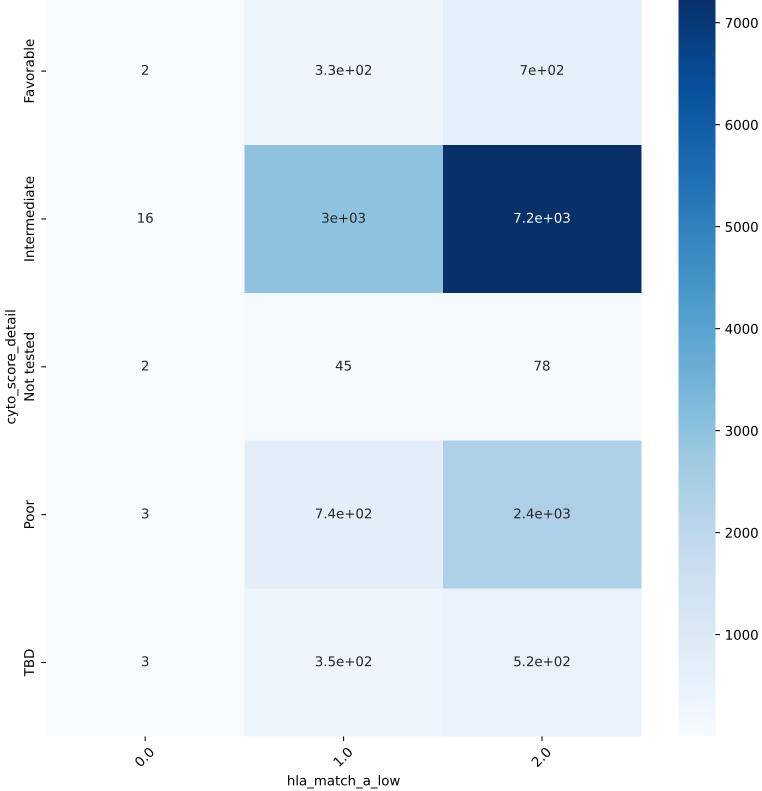


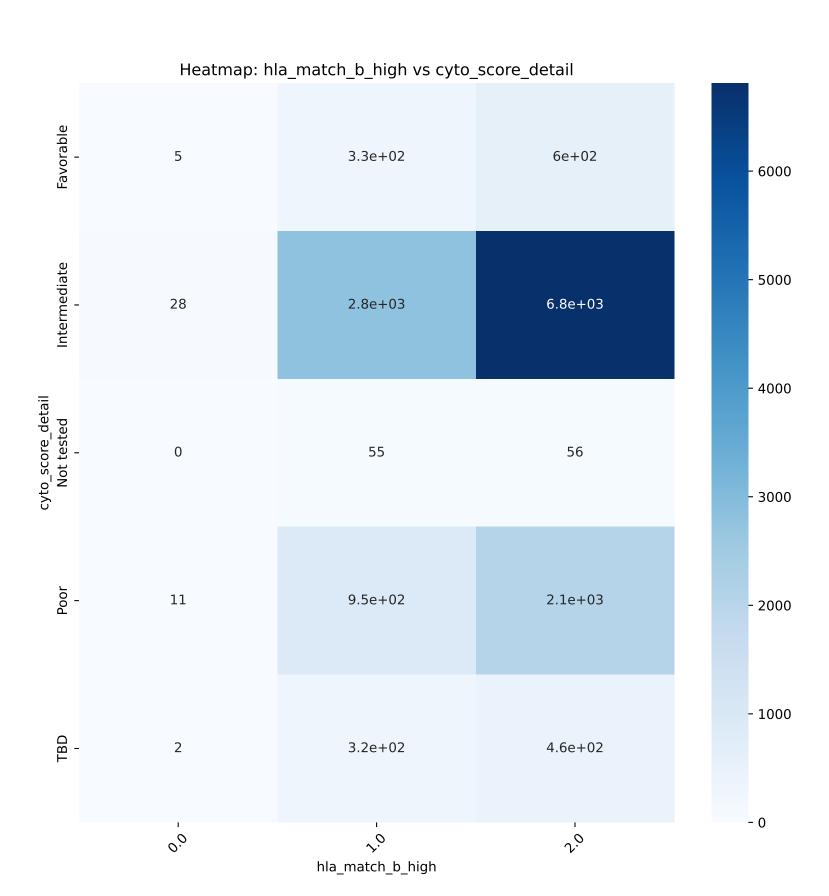


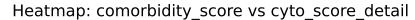
## Heatmap: age\_at\_hct vs cyto\_score\_detail

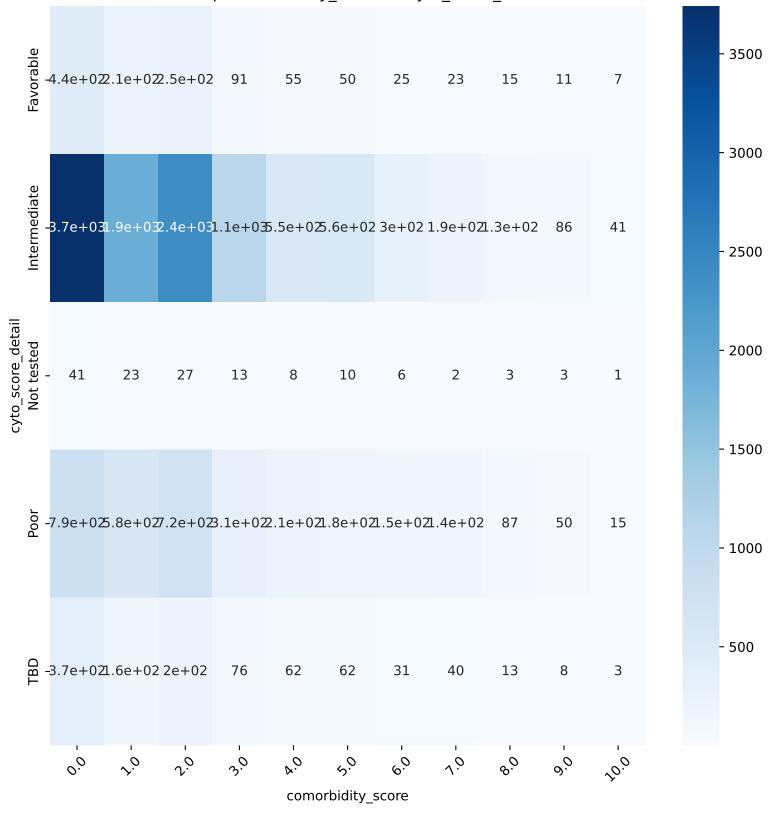


Heatmap: hla\_match\_a\_low vs cyto\_score\_detail

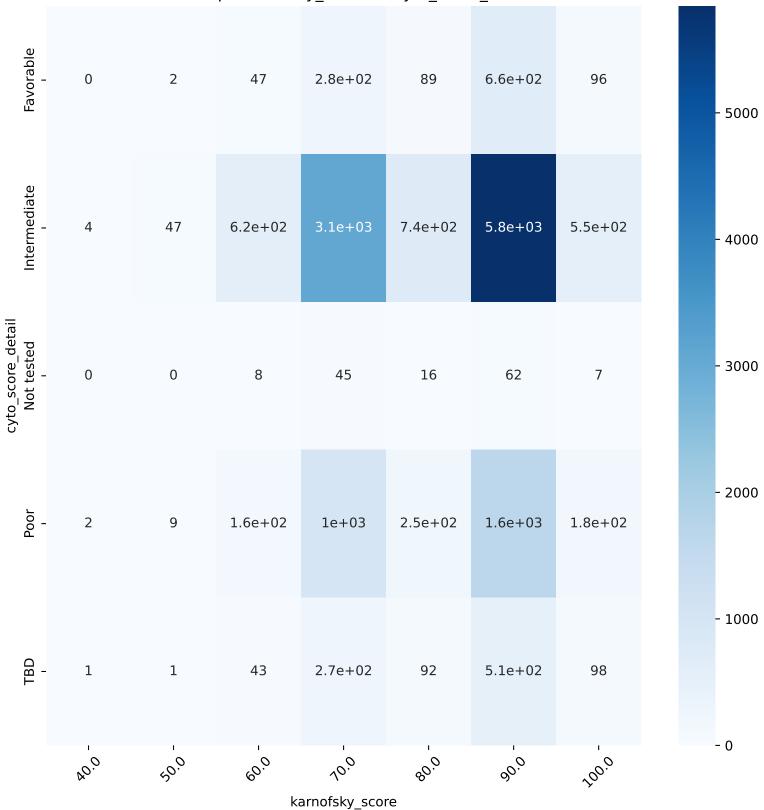




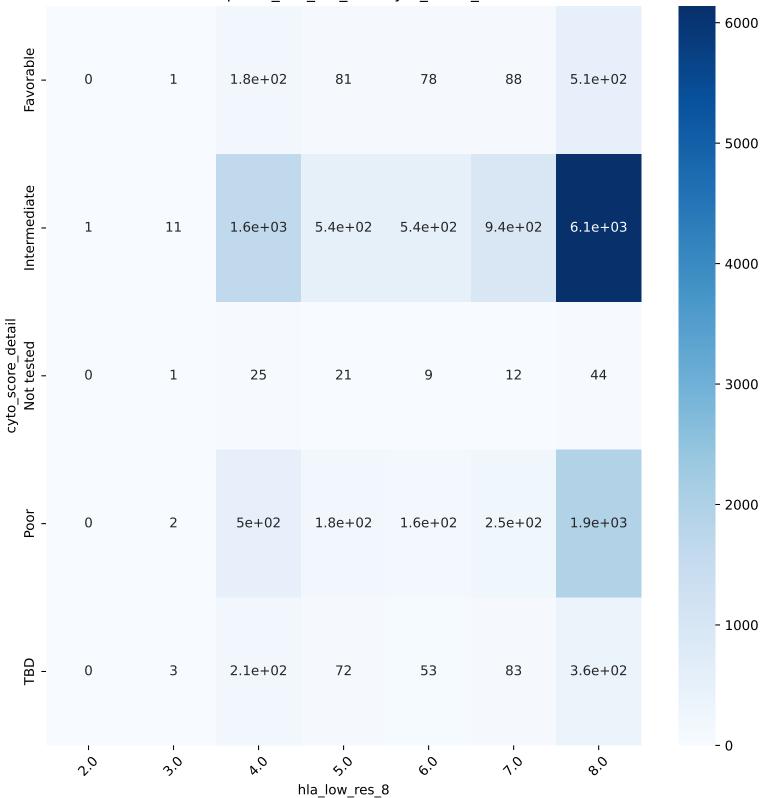


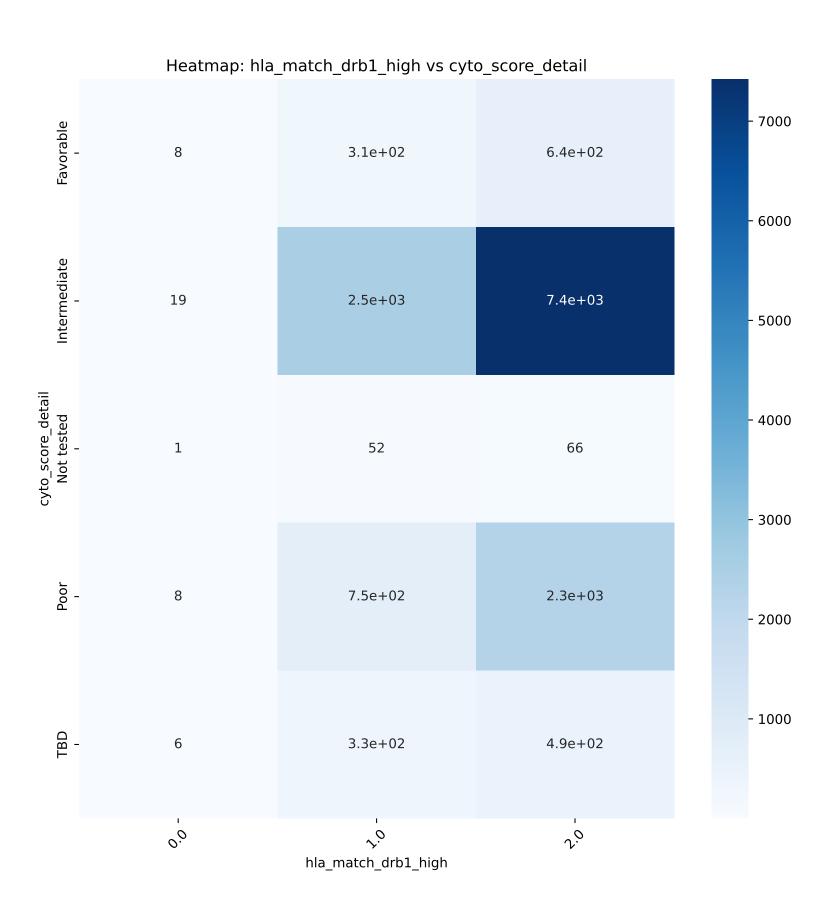


Heatmap: karnofsky\_score vs cyto\_score\_detail

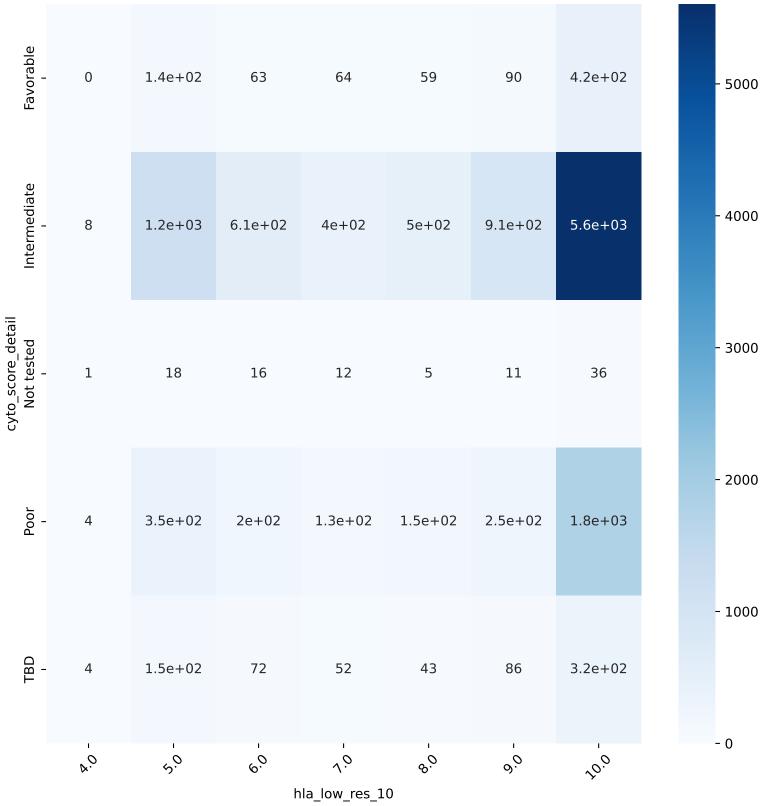


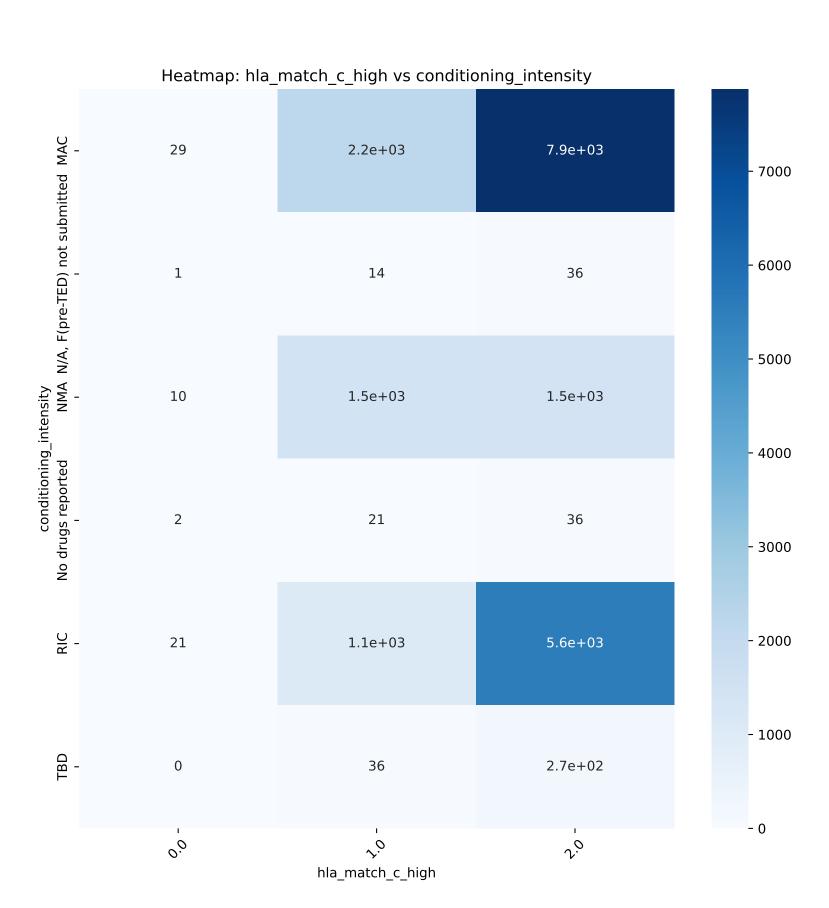
Heatmap: hla\_low\_res\_8 vs cyto\_score\_detail





Heatmap: hla\_low\_res\_10 vs cyto\_score\_detail

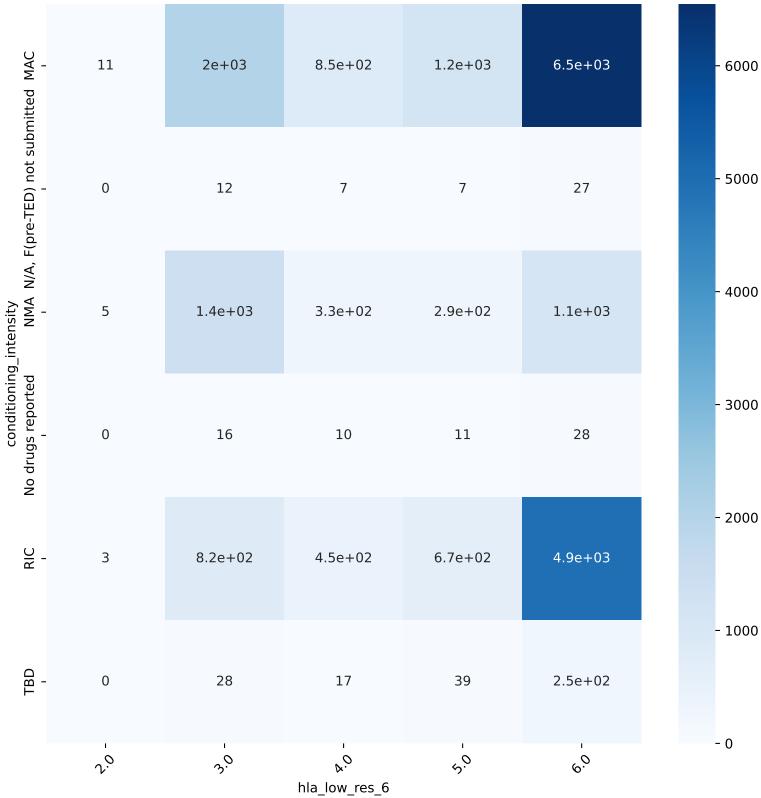




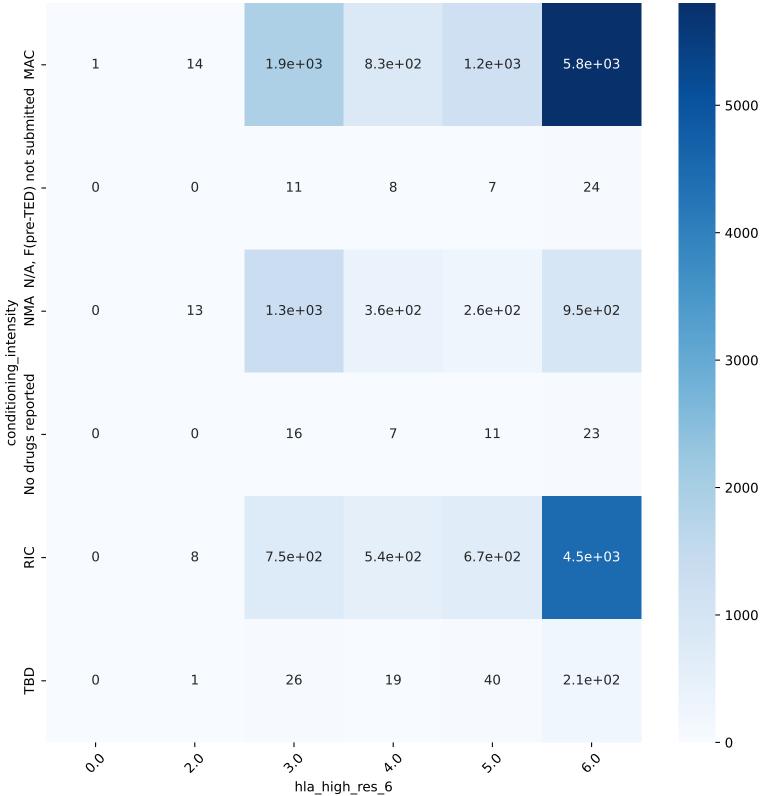
Heatmap: hla\_high\_res\_8 vs conditioning\_intensity



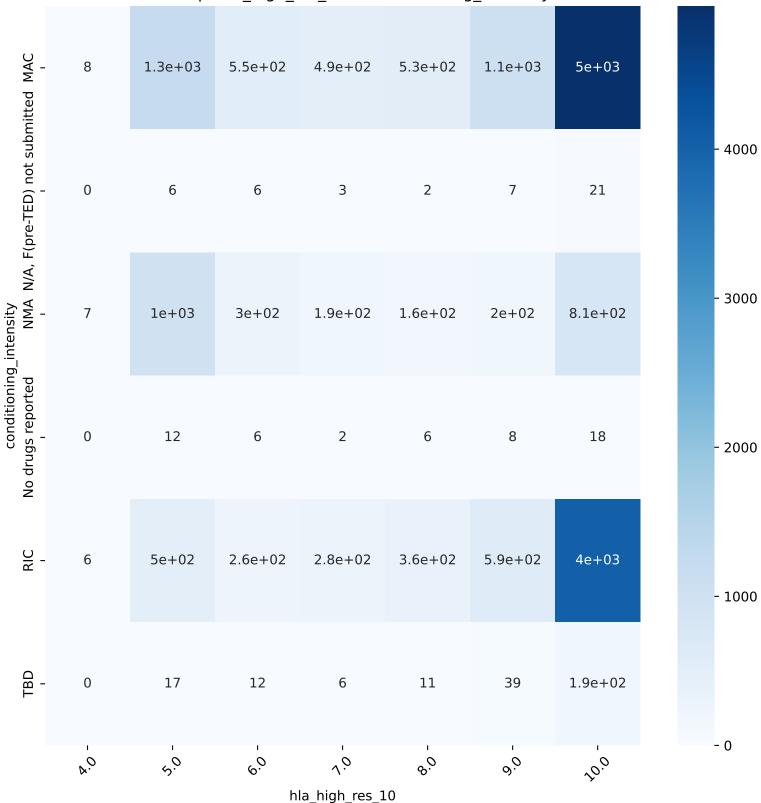
Heatmap: hla\_low\_res\_6 vs conditioning\_intensity

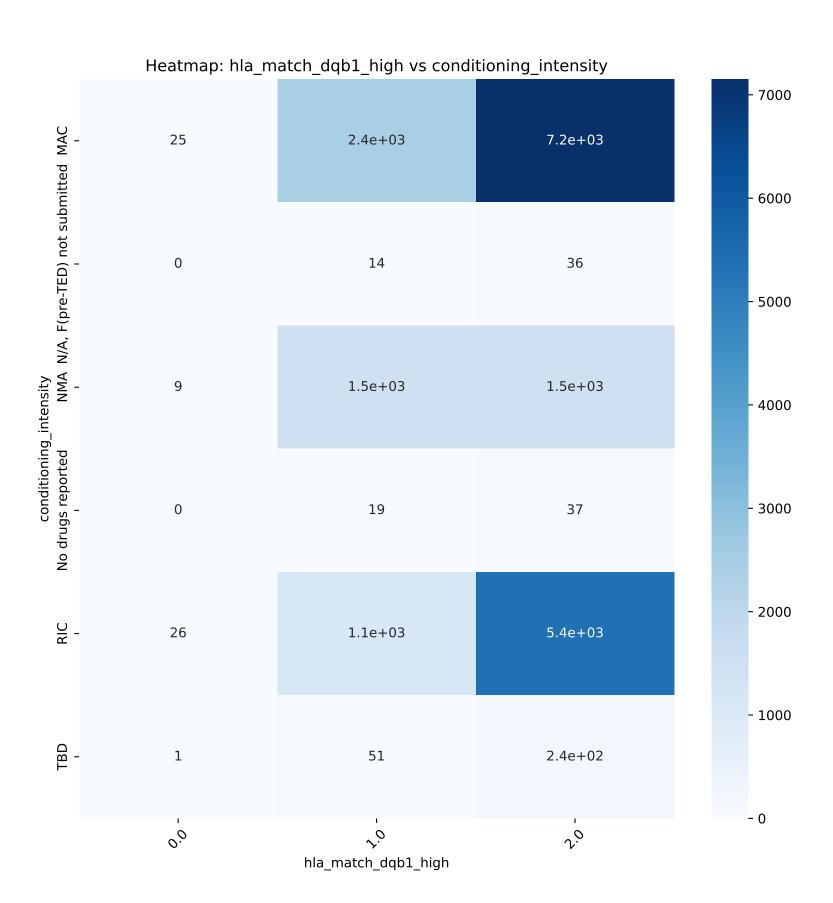


Heatmap: hla\_high\_res\_6 vs conditioning\_intensity



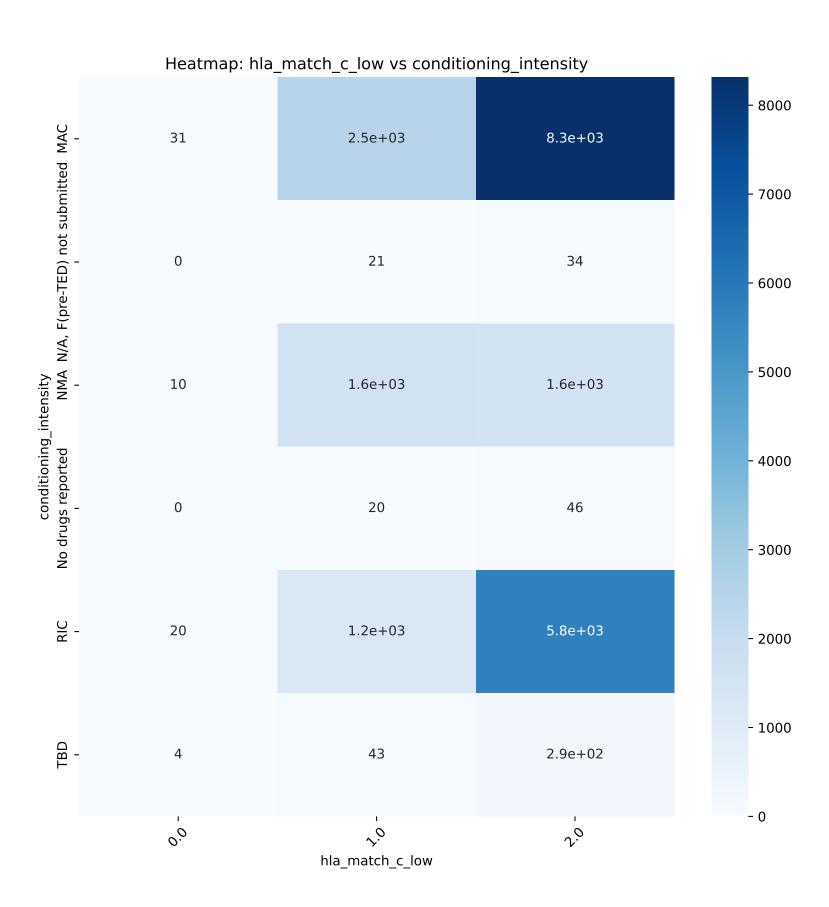
Heatmap: hla\_high\_res\_10 vs conditioning\_intensity

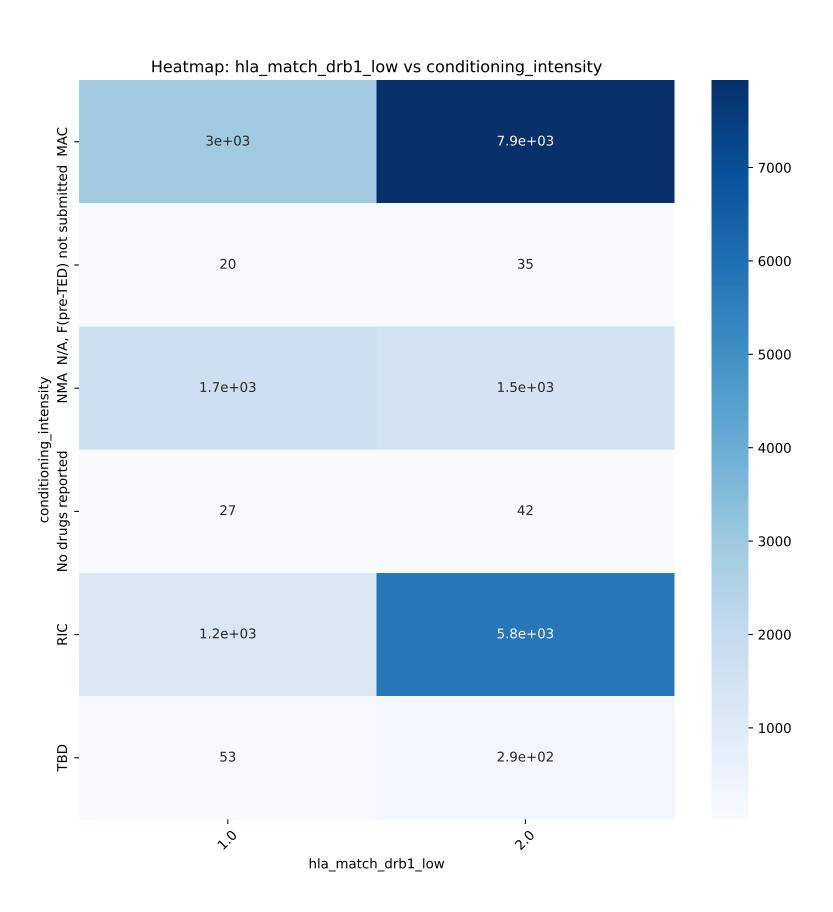


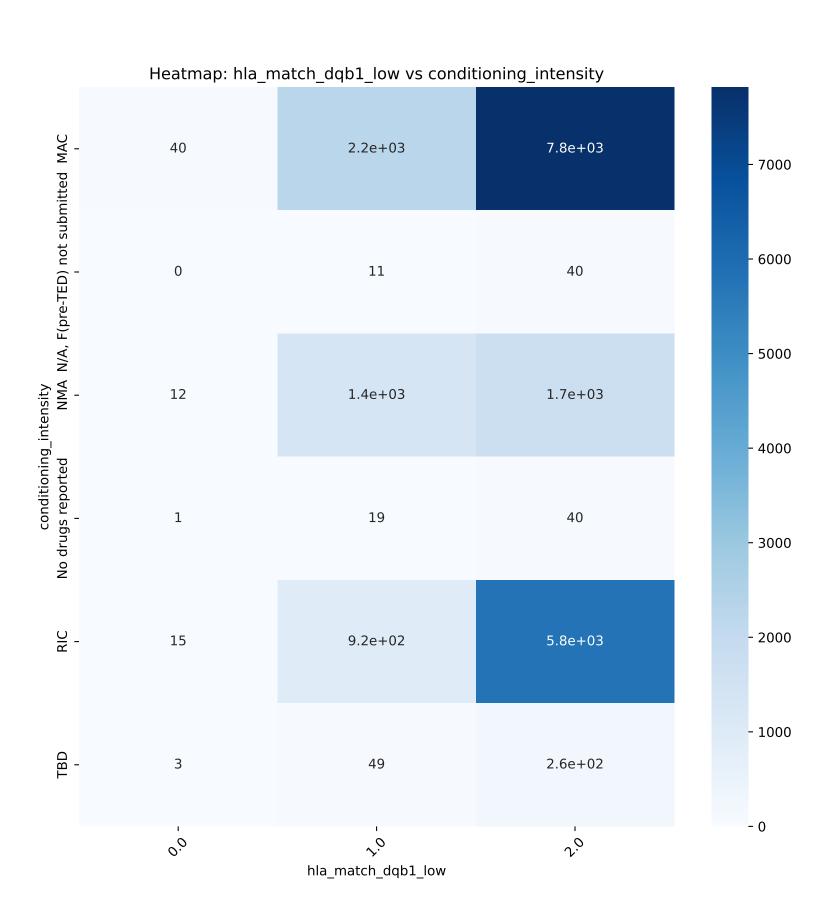


Heatmap: hla\_nmdp\_6 vs conditioning\_intensity 6000 conditioning\_intensity
Igs reported NMA N/A, F(pre-TED) not submitted MAC 17 2e+03 5.7e+02 1.5e+03 6.2e+03 5000 11 0 27 6 7 4000 4 1.4e+03 2.7e+02 3.5e+02 1.1e+03 No drugs reported 3000 0 21 6 32 2 - 2000 8.6e+02 2.6e+02 9 7.5e+02 4.8e+03 - 1000 TBD -0 29 11 41 2.4e+02 - 0 **V**.0 50 60

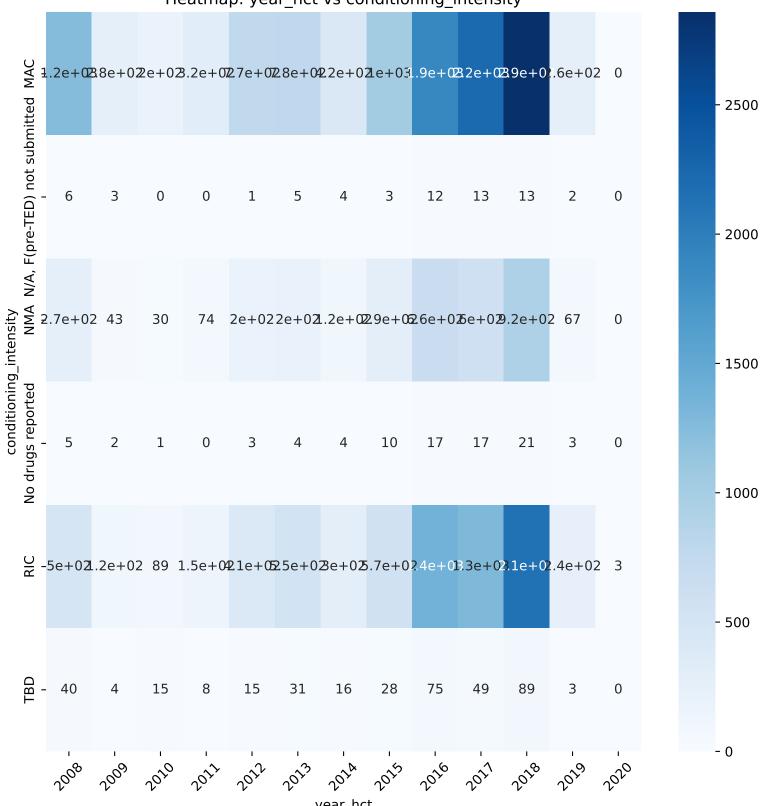
hla\_nmdp\_6

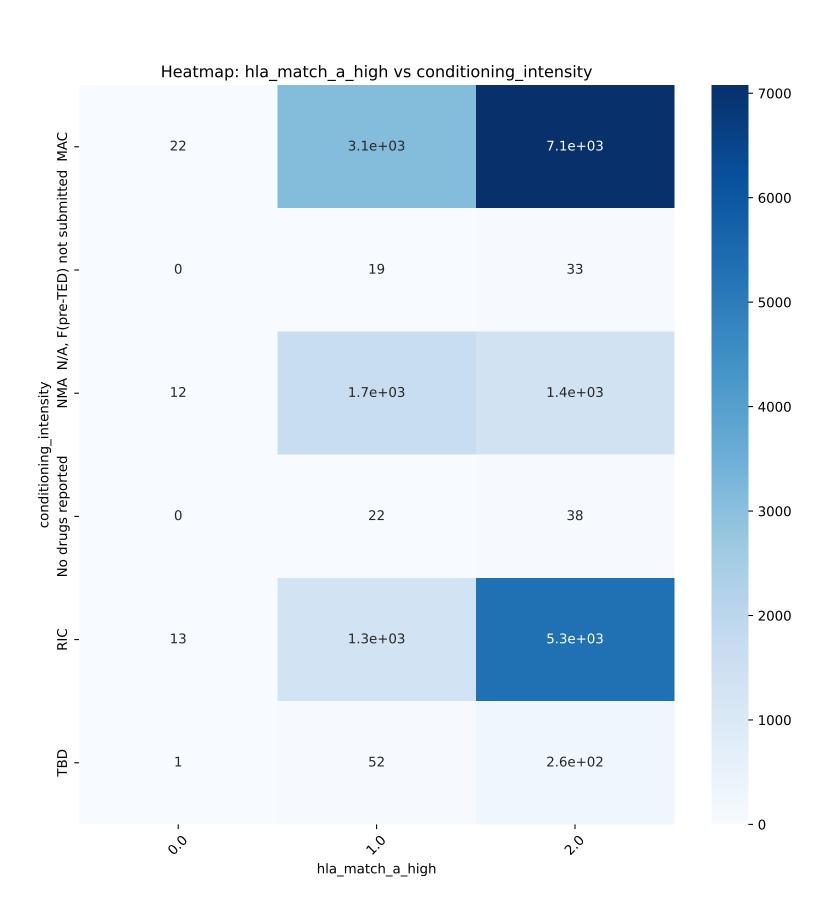




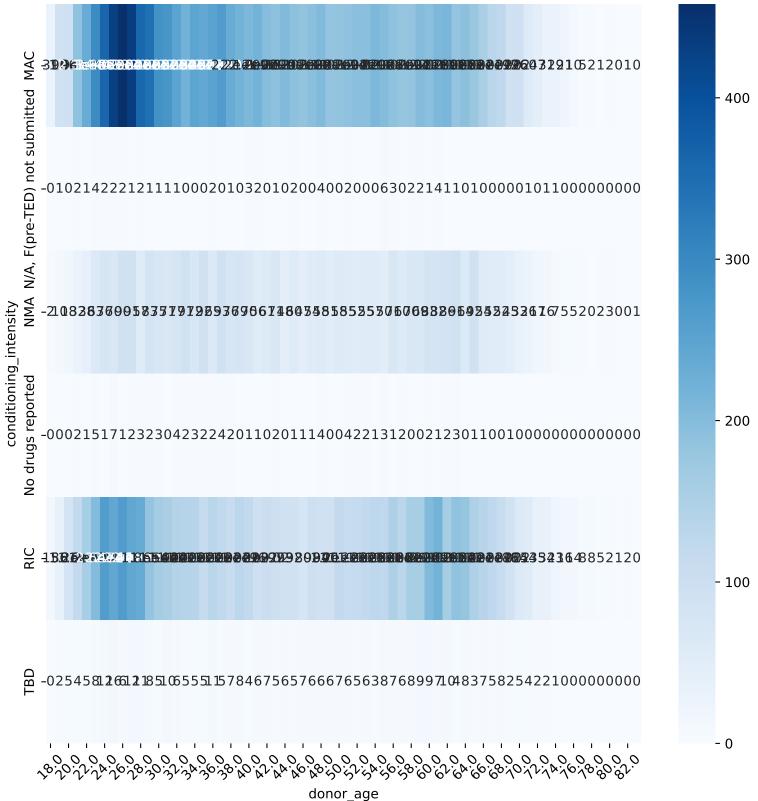


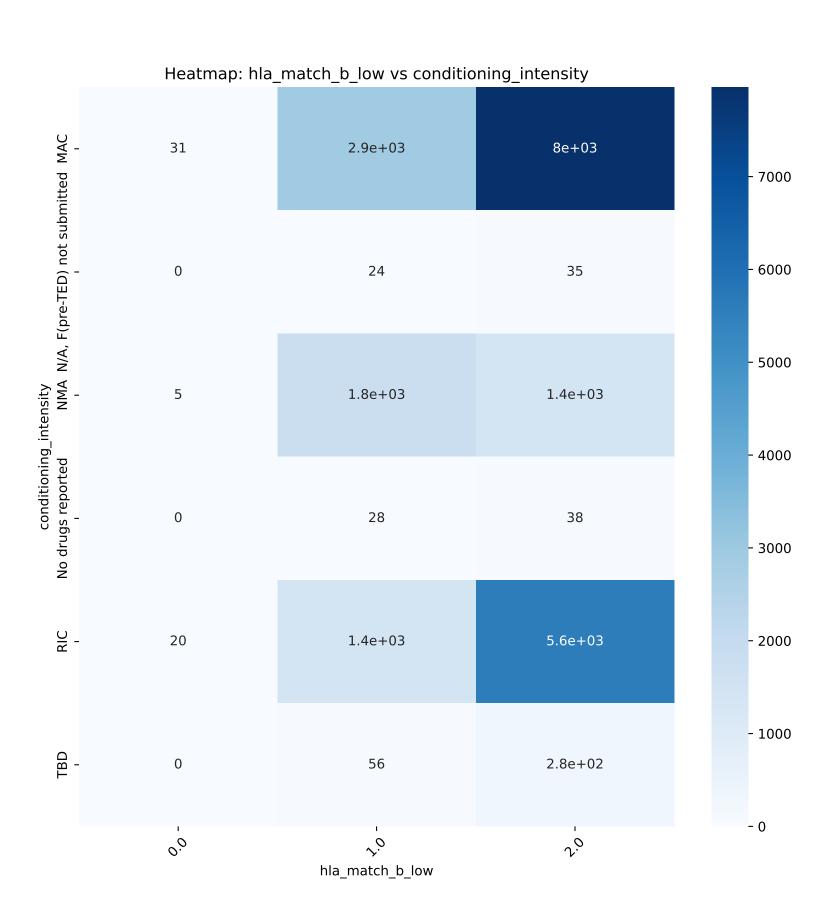
Heatmap: year\_hct vs conditioning\_intensity



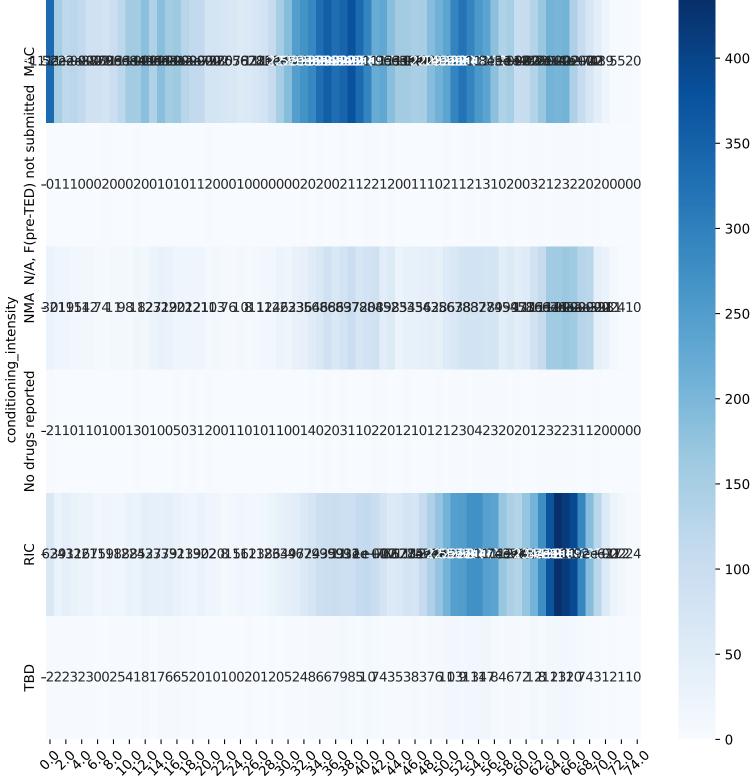


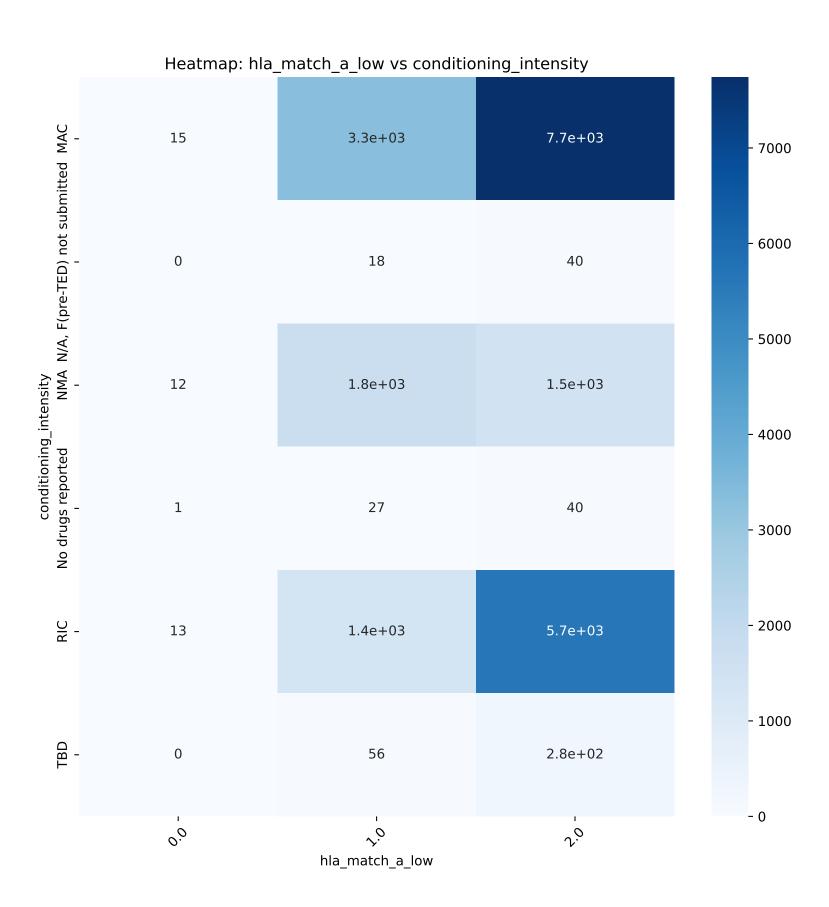
## Heatmap: donor\_age vs conditioning\_intensity

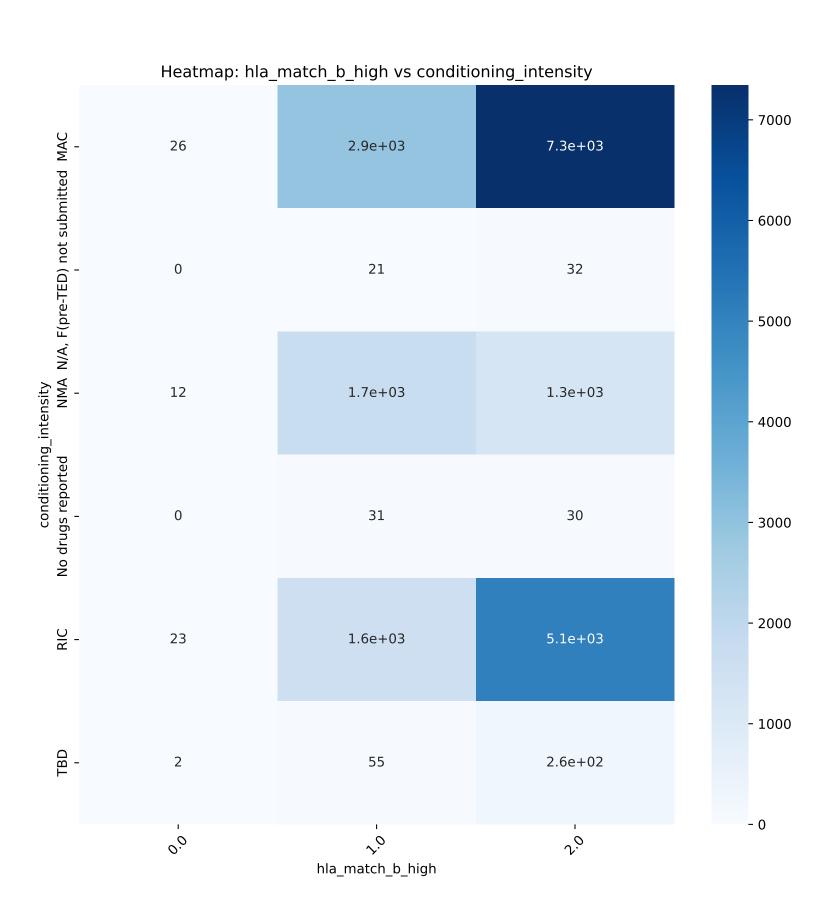




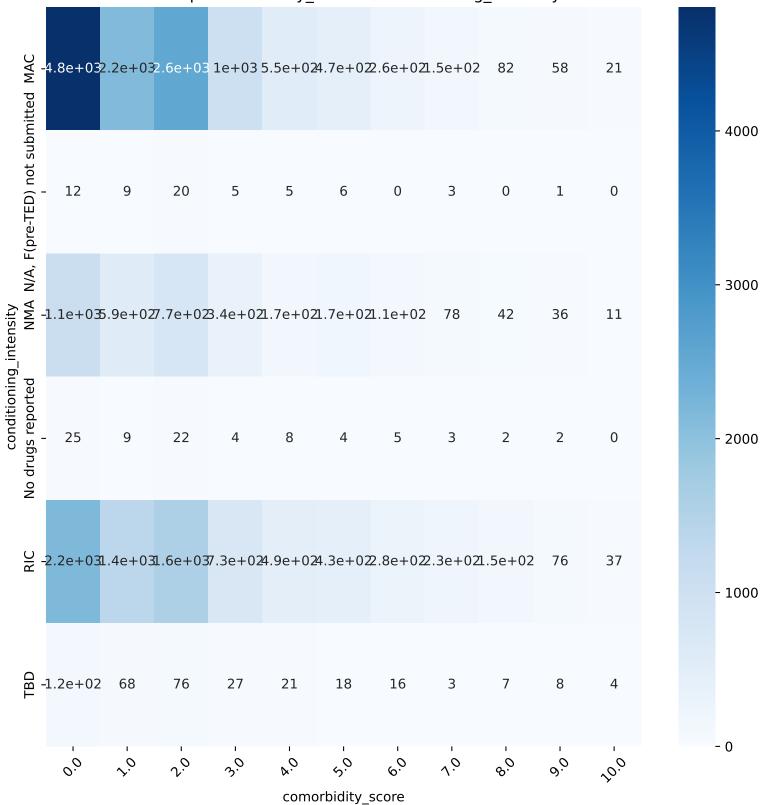
## Heatmap: age\_at\_hct vs conditioning\_intensity

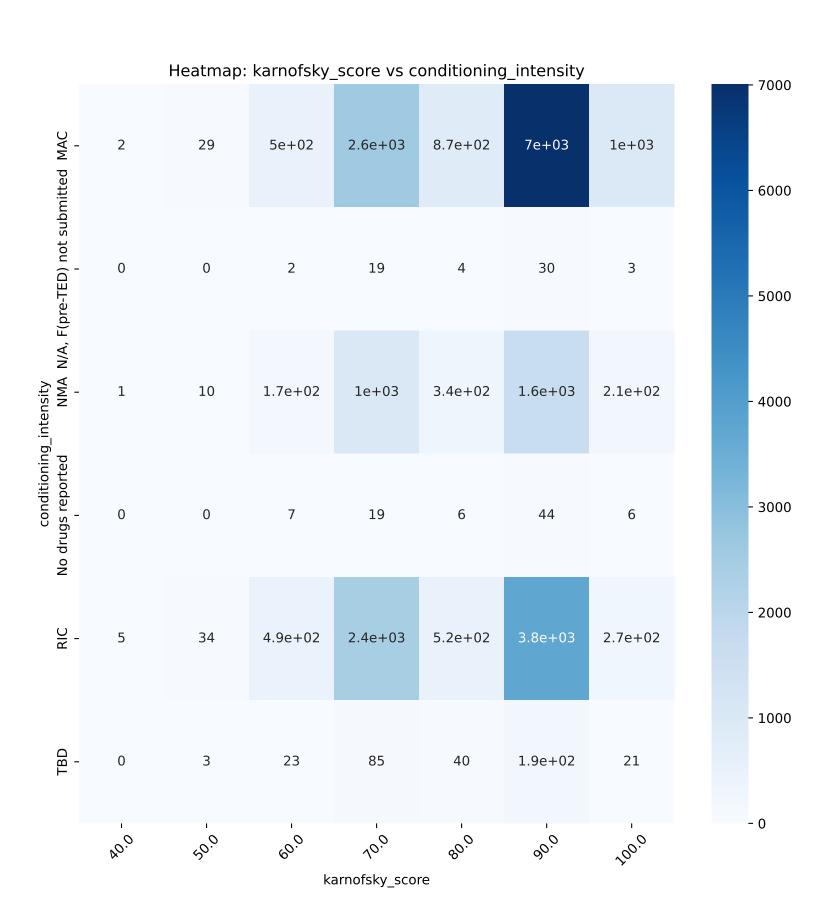




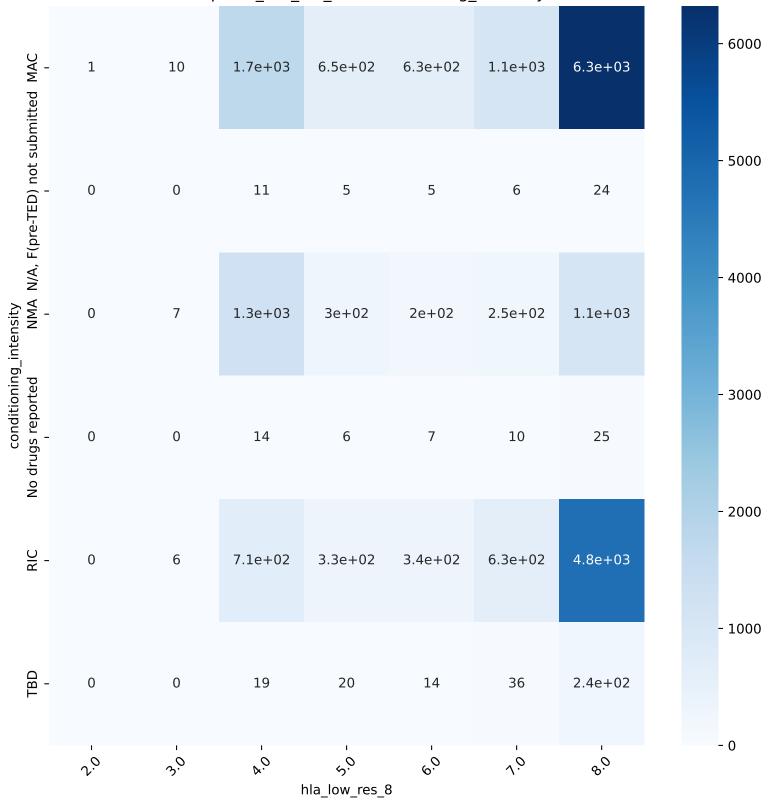


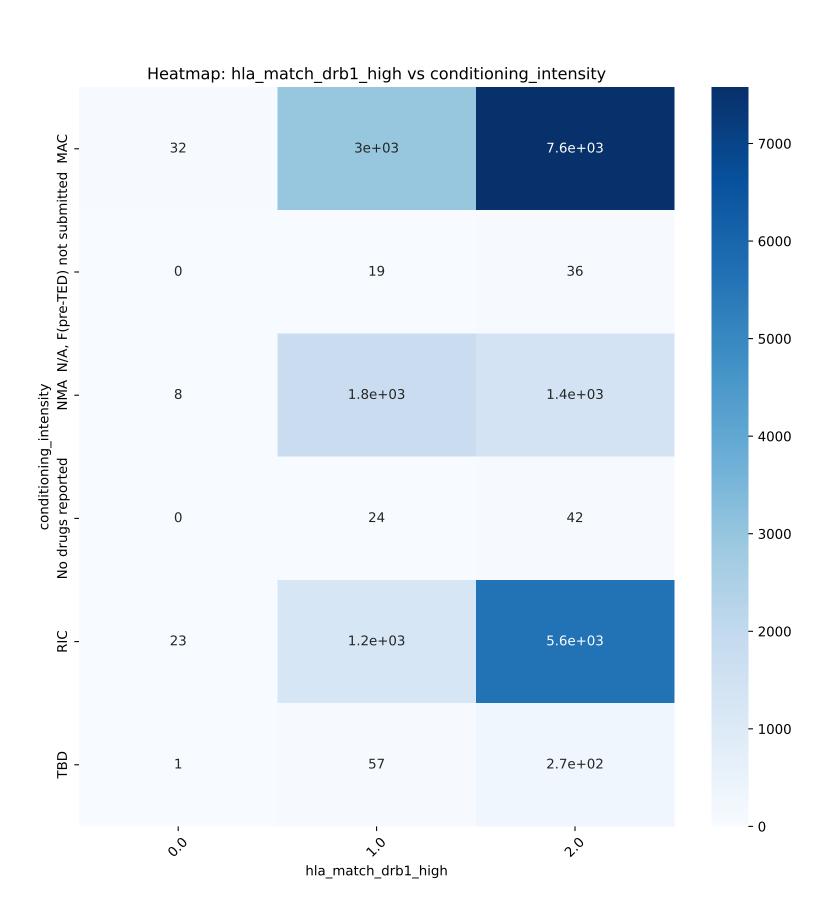
Heatmap: comorbidity\_score vs conditioning\_intensity



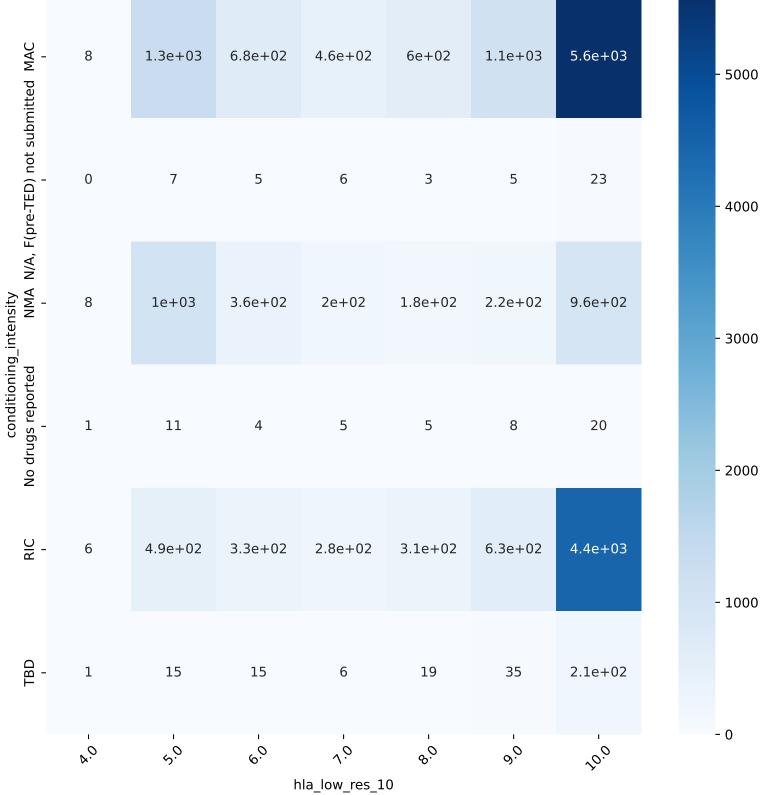


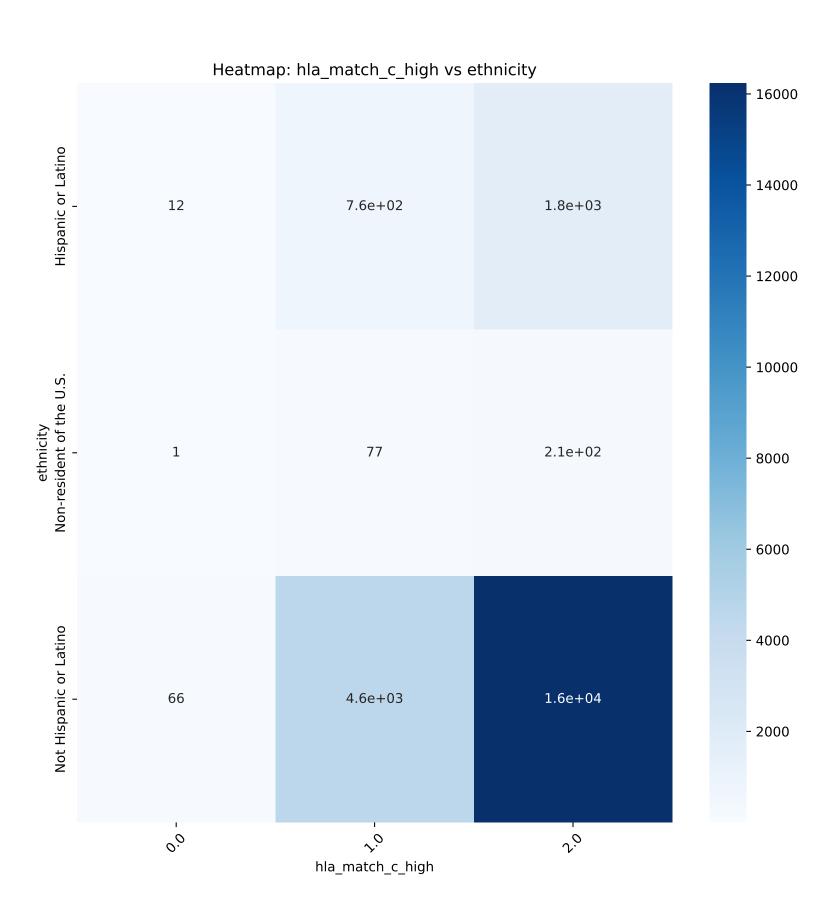
Heatmap: hla\_low\_res\_8 vs conditioning\_intensity





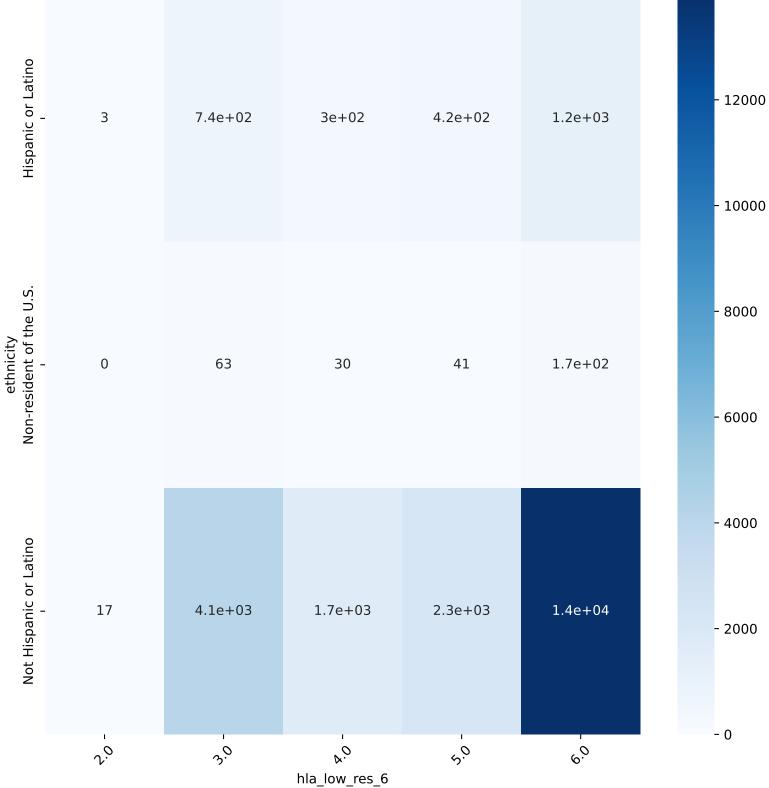
Heatmap: hla\_low\_res\_10 vs conditioning\_intensity



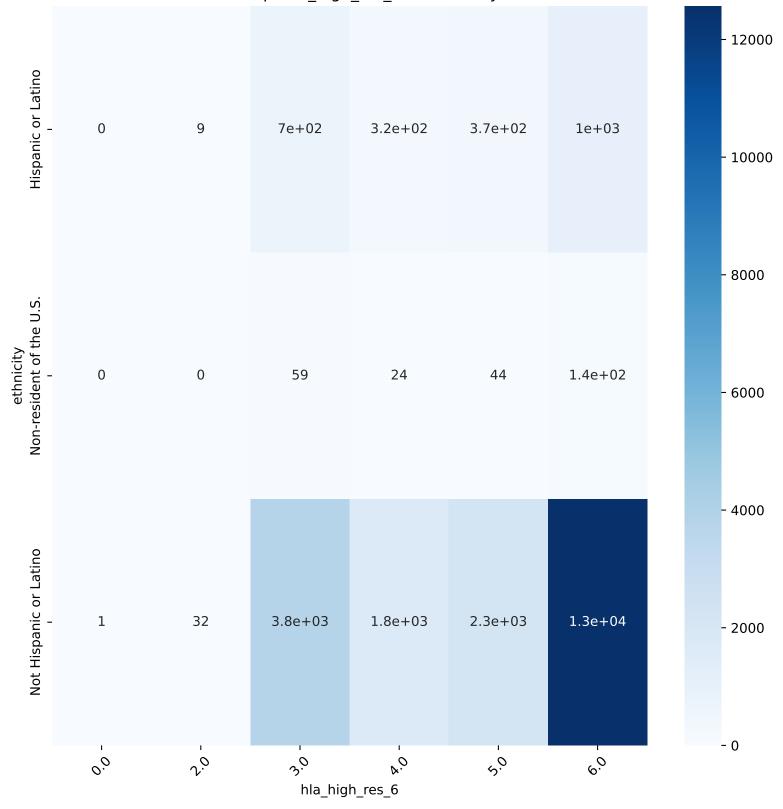


Heatmap: hla\_high\_res\_8 vs ethnicity 12000 Hispanic or Latino 0 6 5.6e+02 2.4e+02 2.3e+02 3.2e+02 1e+03 - 10000 8000 Non-resident of the U.S. ethnicity 0 0 46 26 17 41 1.3e+02 6000 4000 Not Hispanic or Latino 2 21 3.2e+03 1.4e+03 1.2e+03 1.2e+04 2e+03 - 2000 - 0 \$ · 40 30 v,o 60 90 hla\_high\_res\_8

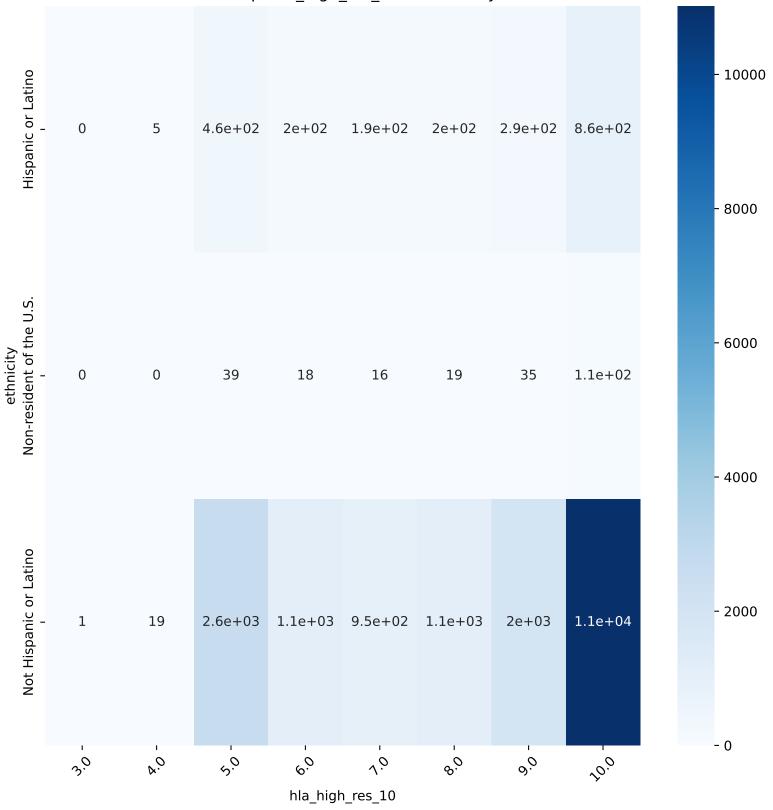
Heatmap: hla\_low\_res\_6 vs ethnicity

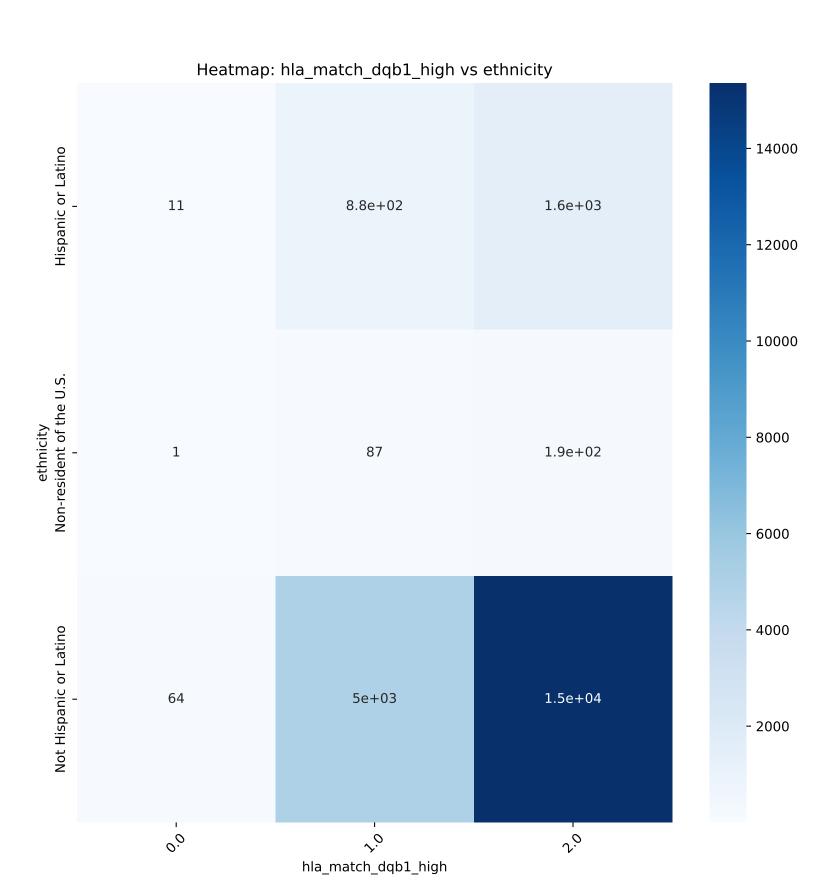


Heatmap: hla\_high\_res\_6 vs ethnicity

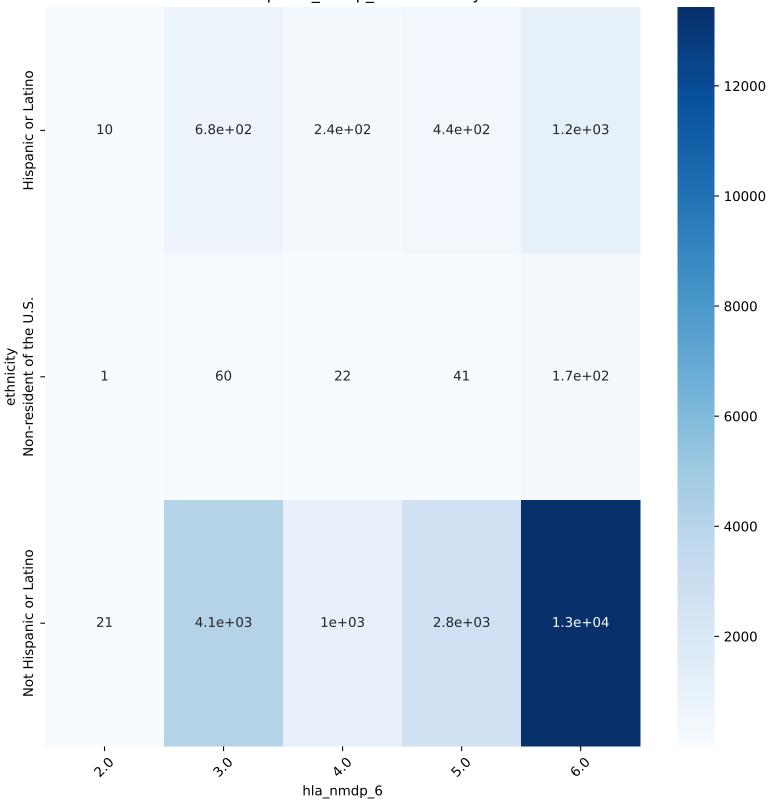


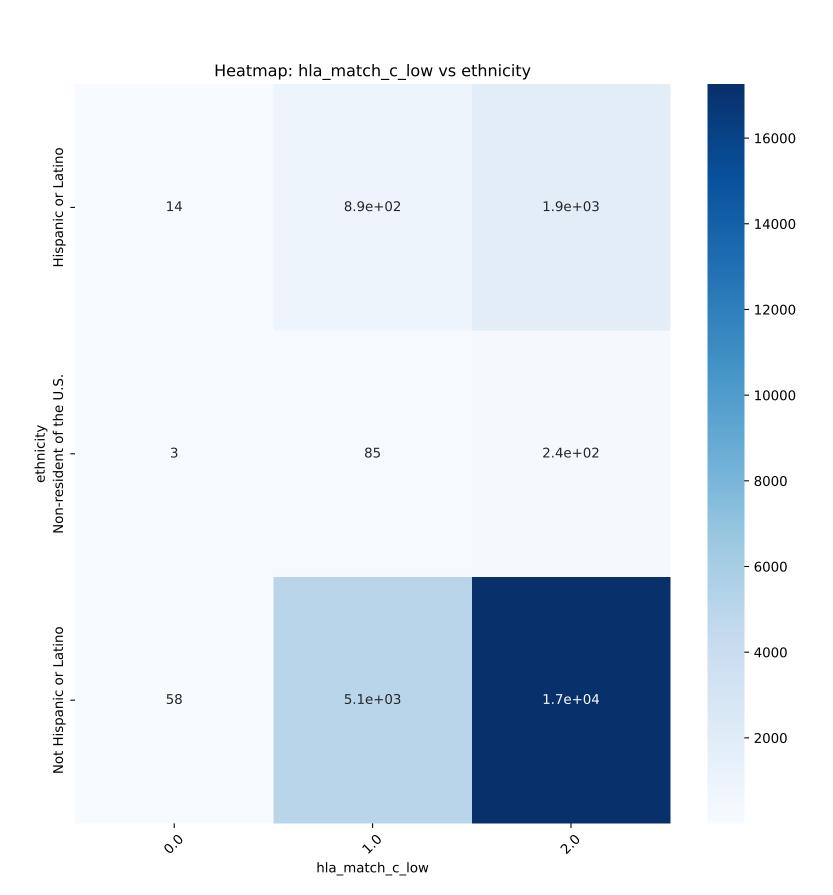
Heatmap: hla\_high\_res\_10 vs ethnicity

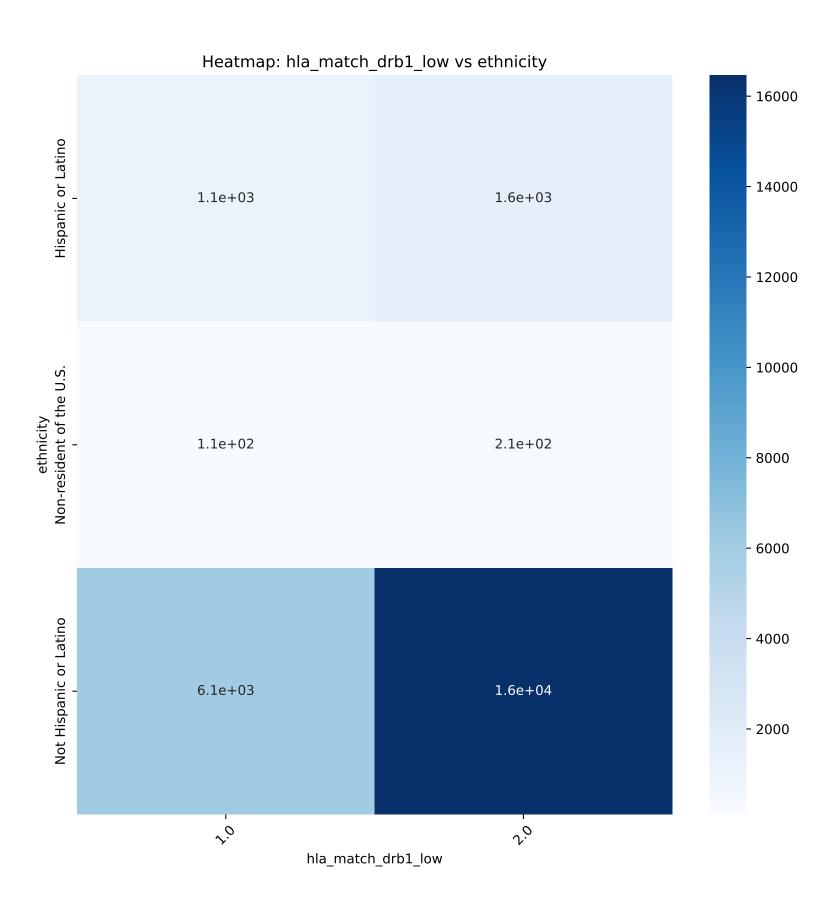


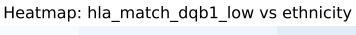


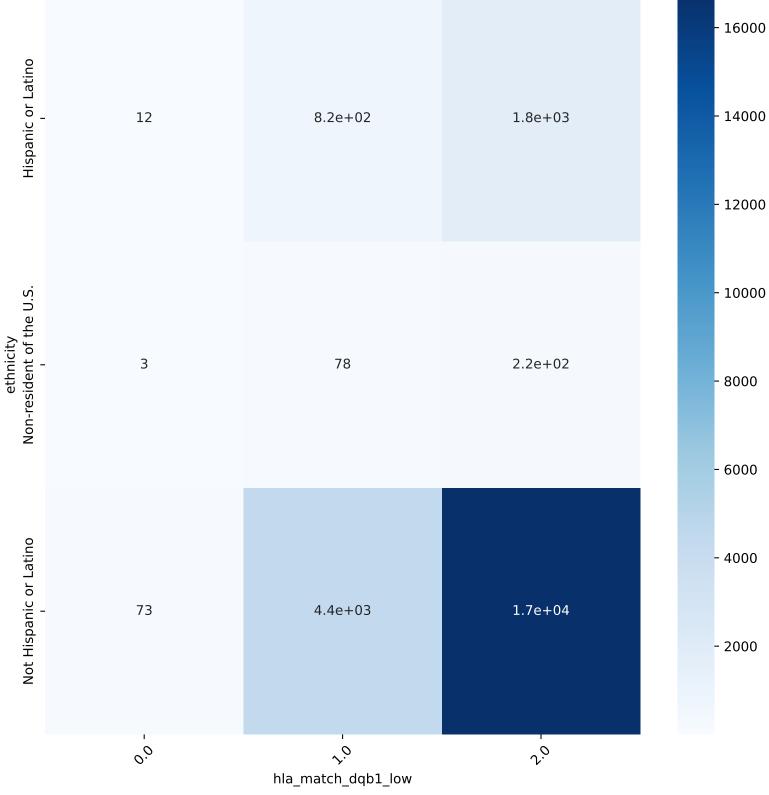
Heatmap: hla\_nmdp\_6 vs ethnicity

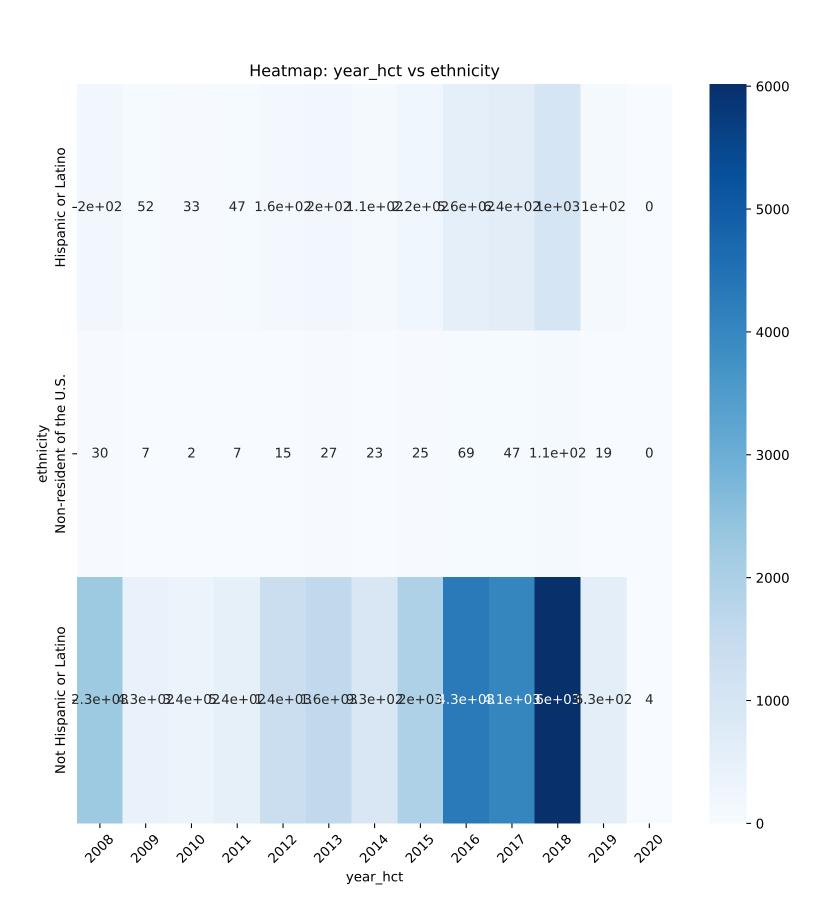


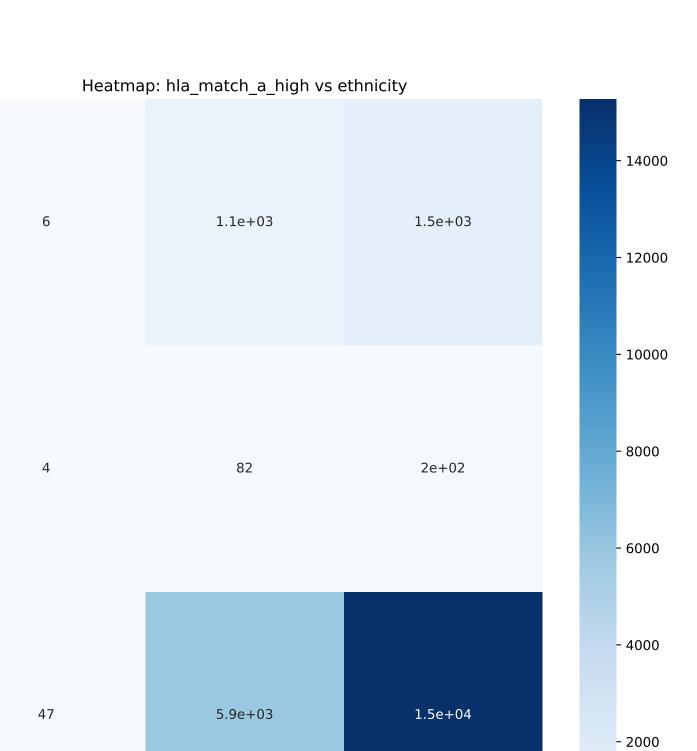












Hispanic or Latino

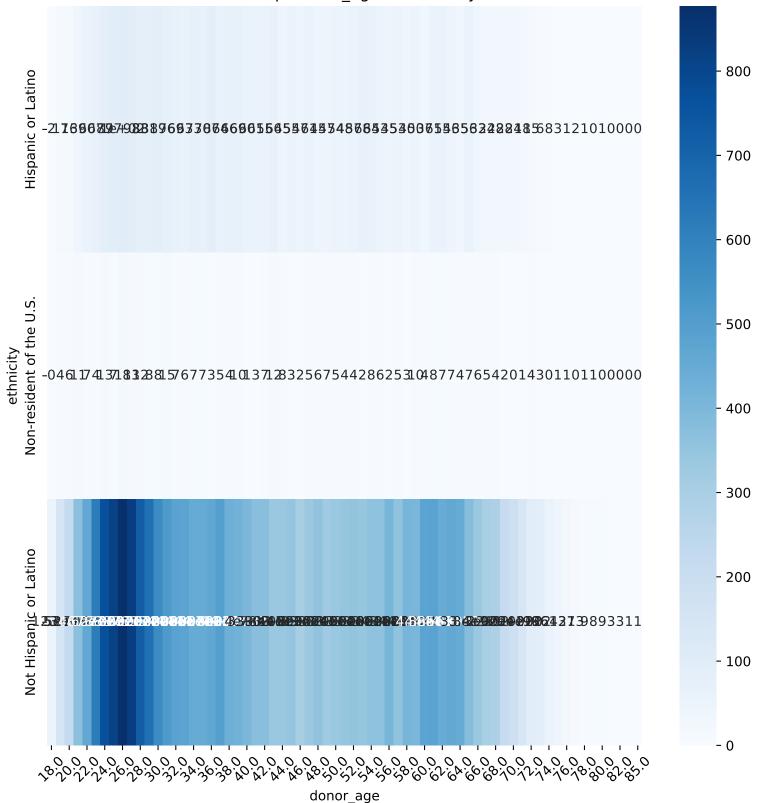
ethnicity Non-resident of the U.S.

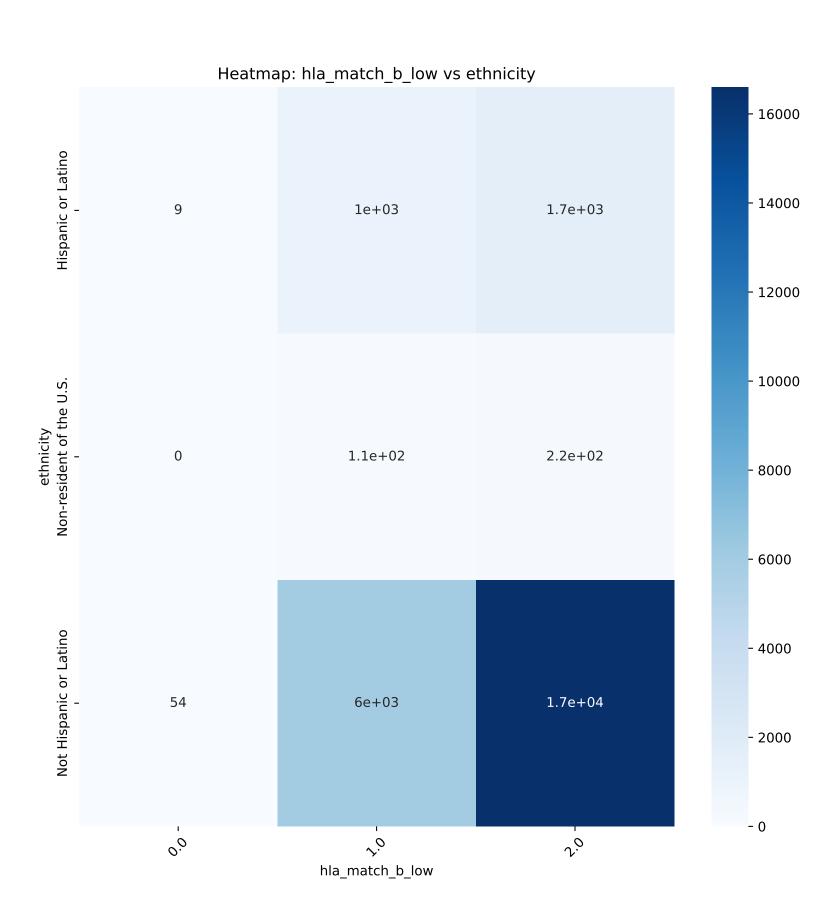
Not Hispanic or Latino

0.0

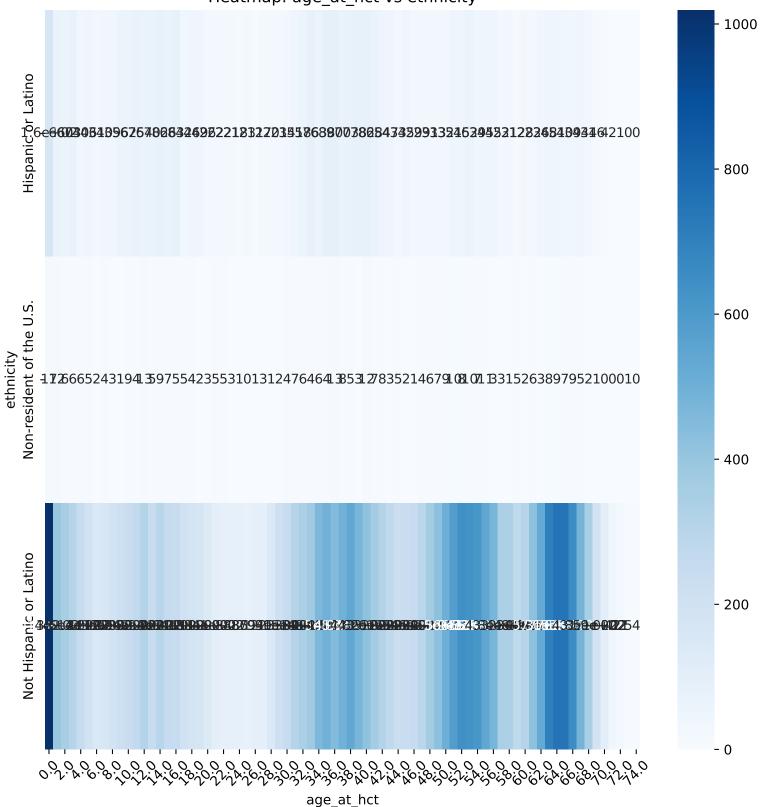
hla\_match\_a\_high

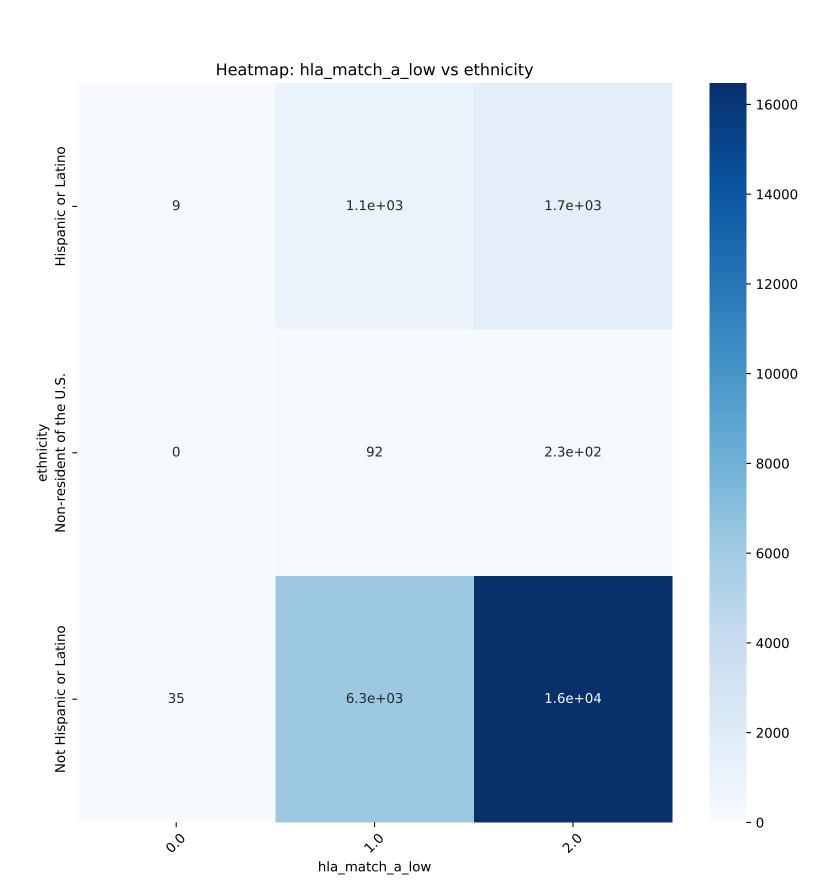
Heatmap: donor\_age vs ethnicity

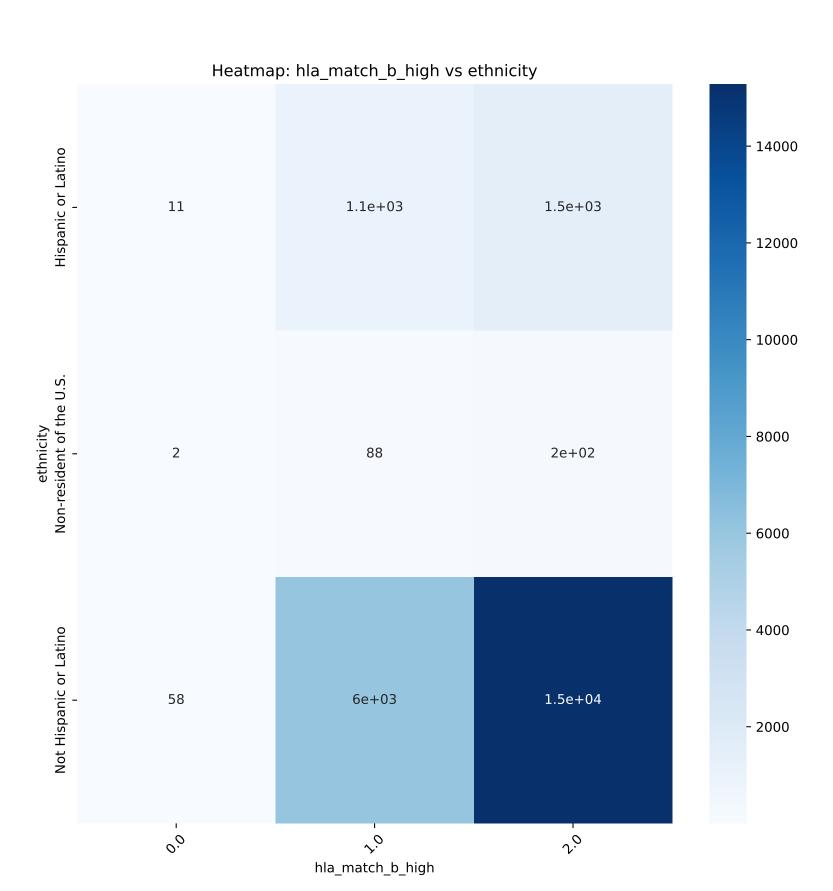




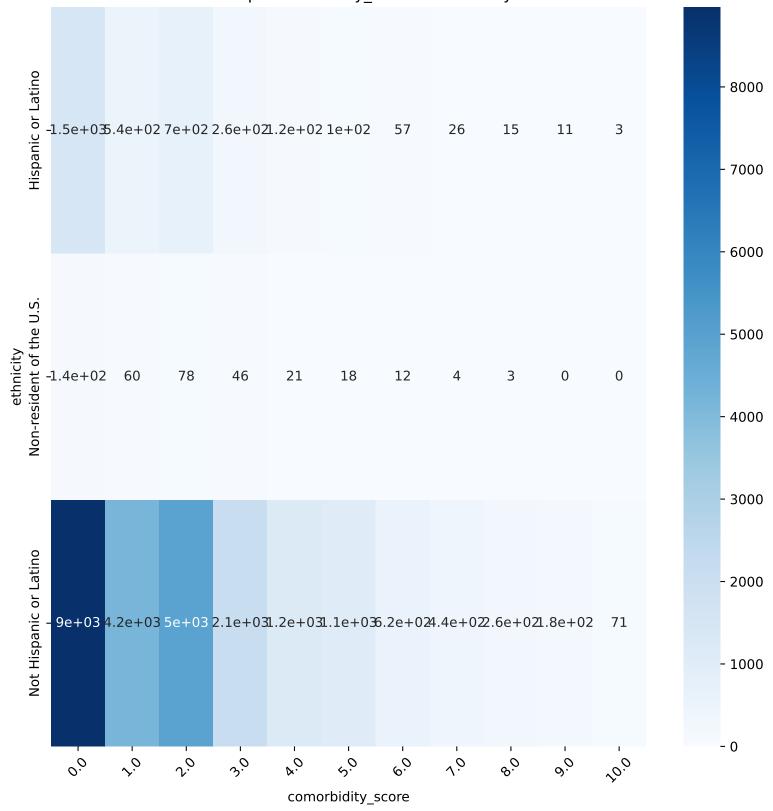
Heatmap: age\_at\_hct vs ethnicity



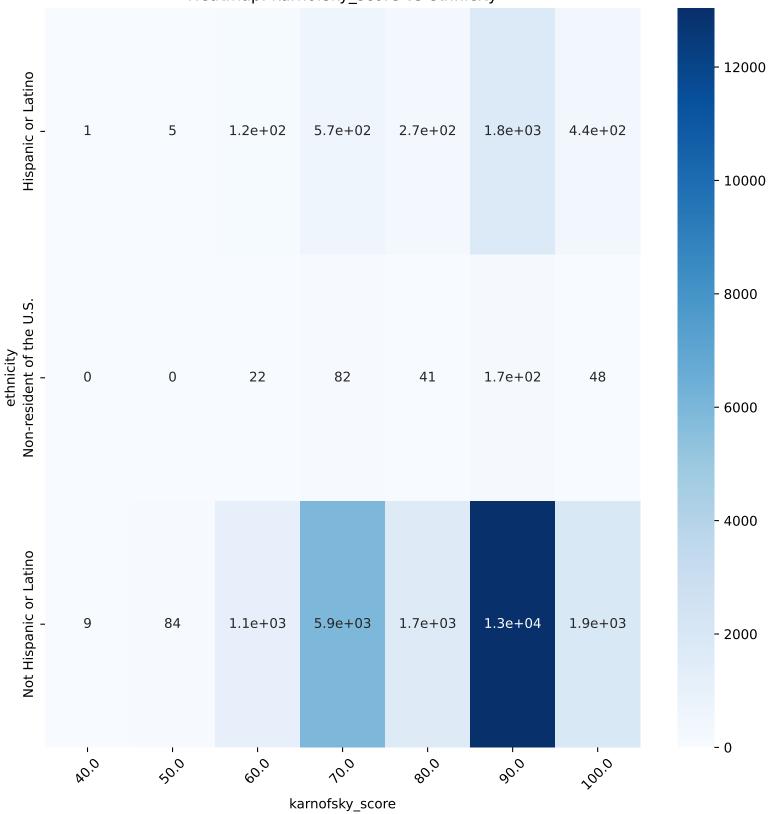




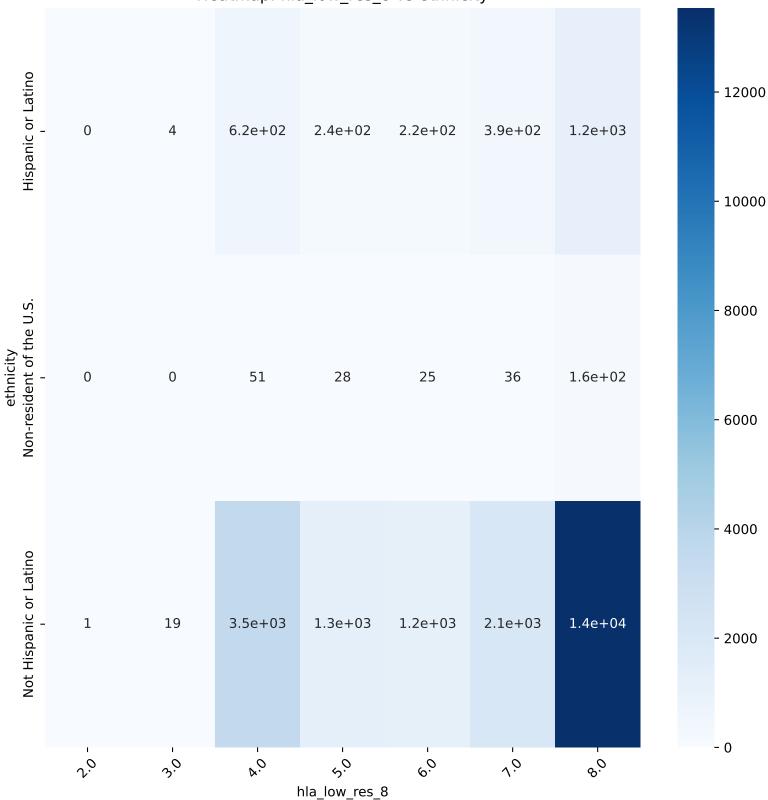
Heatmap: comorbidity\_score vs ethnicity

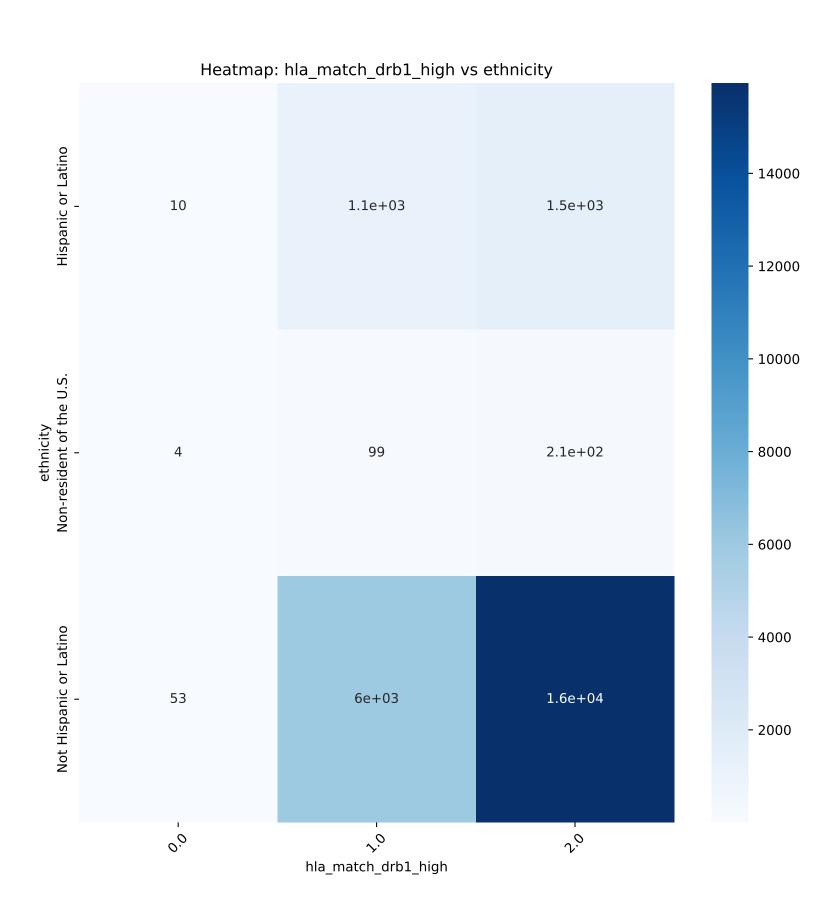


Heatmap: karnofsky\_score vs ethnicity

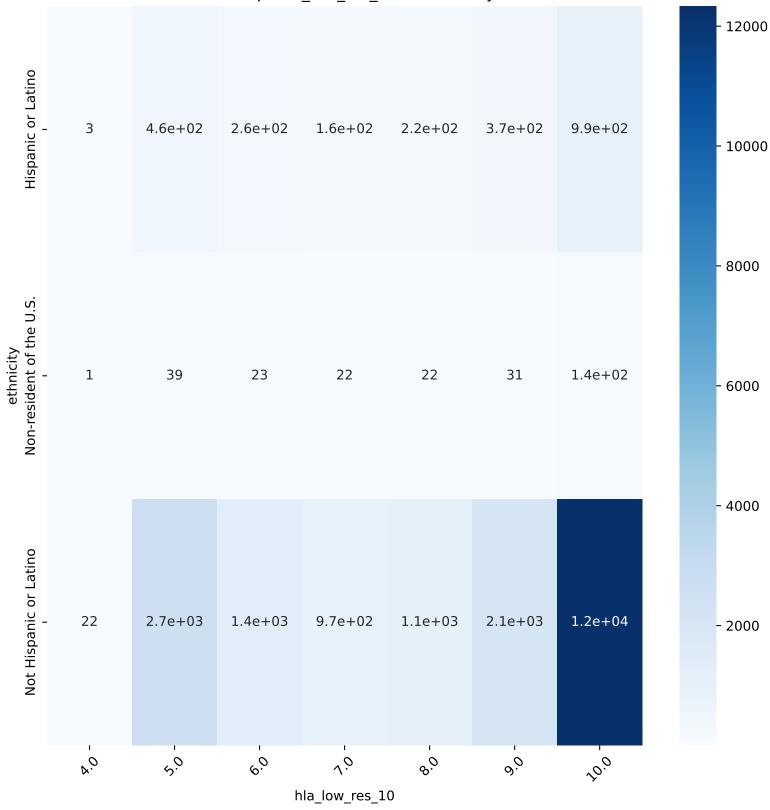


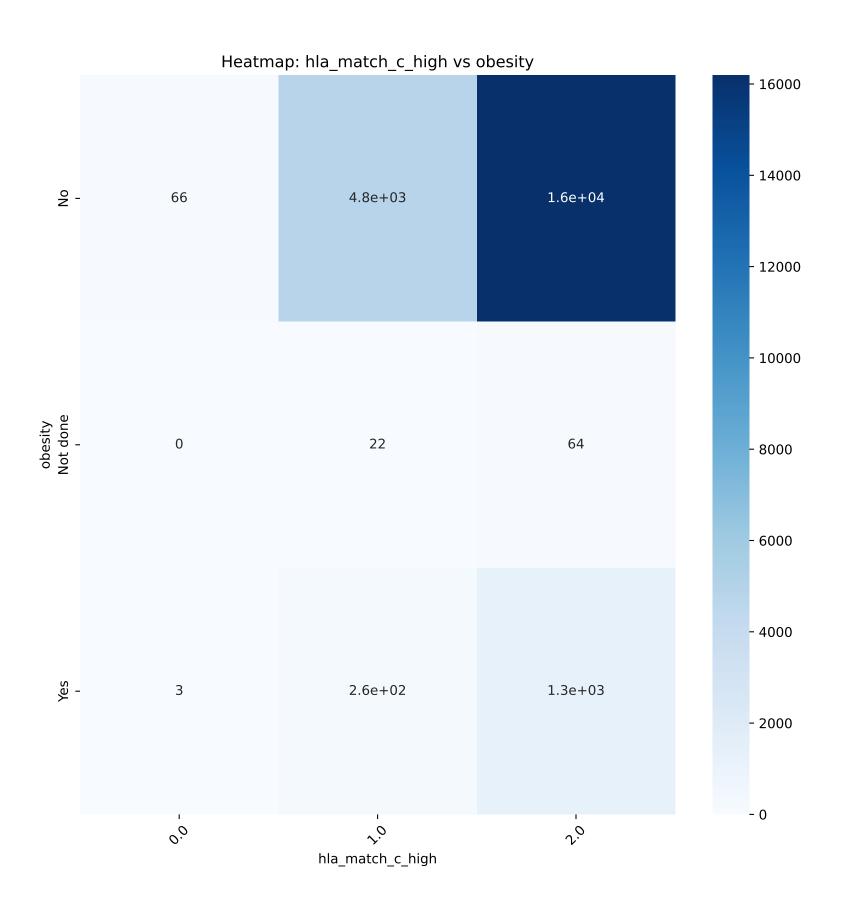
Heatmap: hla\_low\_res\_8 vs ethnicity





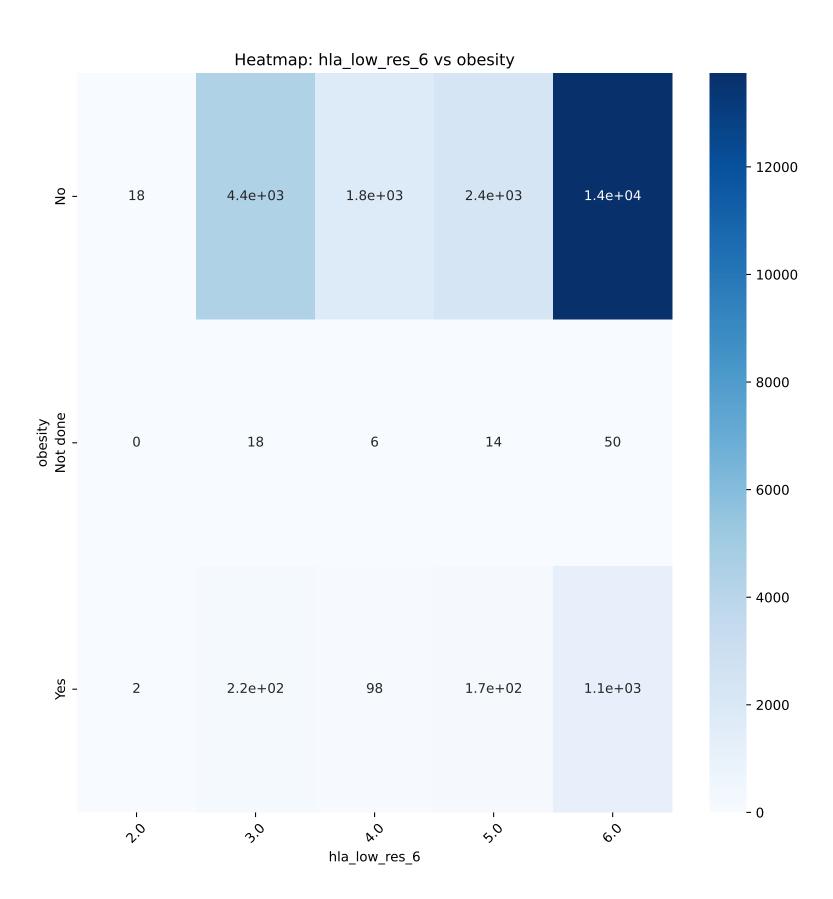
Heatmap: hla\_low\_res\_10 vs ethnicity

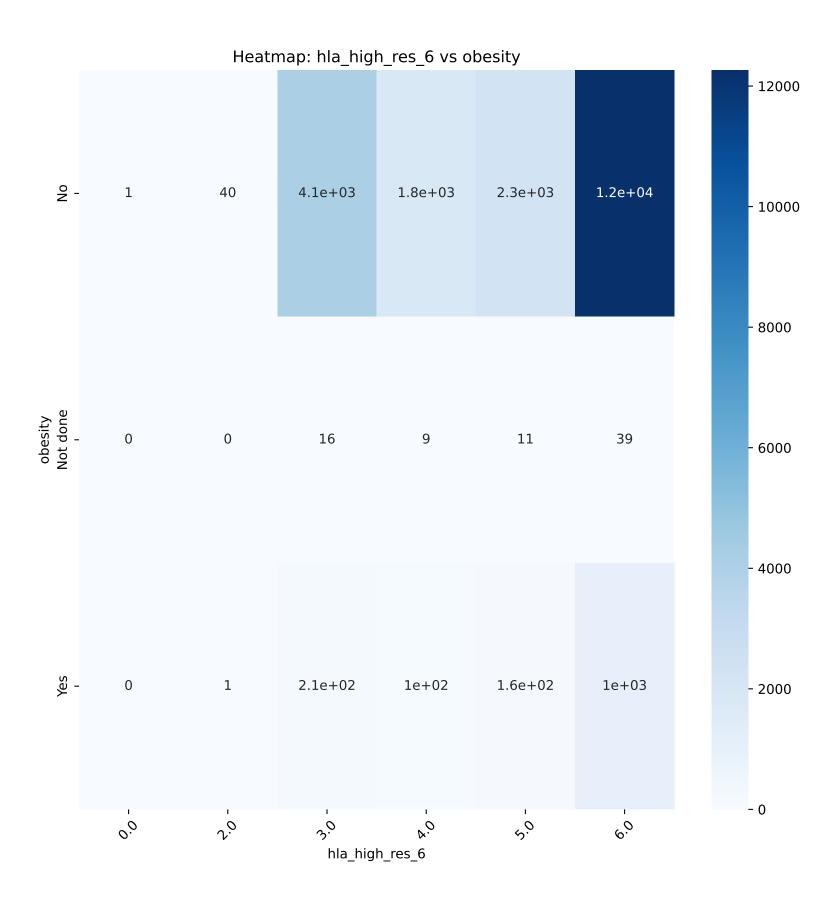




Heatmap: hla\_high\_res\_8 vs obesity - 10000 ₽ -3.4e+03 1.2e+04 2 26 1.4e+03 1.3e+03 2e+03 8000 obesity Not done 6000 0 13 8 2 12 37 - 4000 Yes -1.6e+02 90 75 1.5e+02 9.9e+02 - 2000 - 0 10 °.0 □ 60

hla\_high\_res\_8





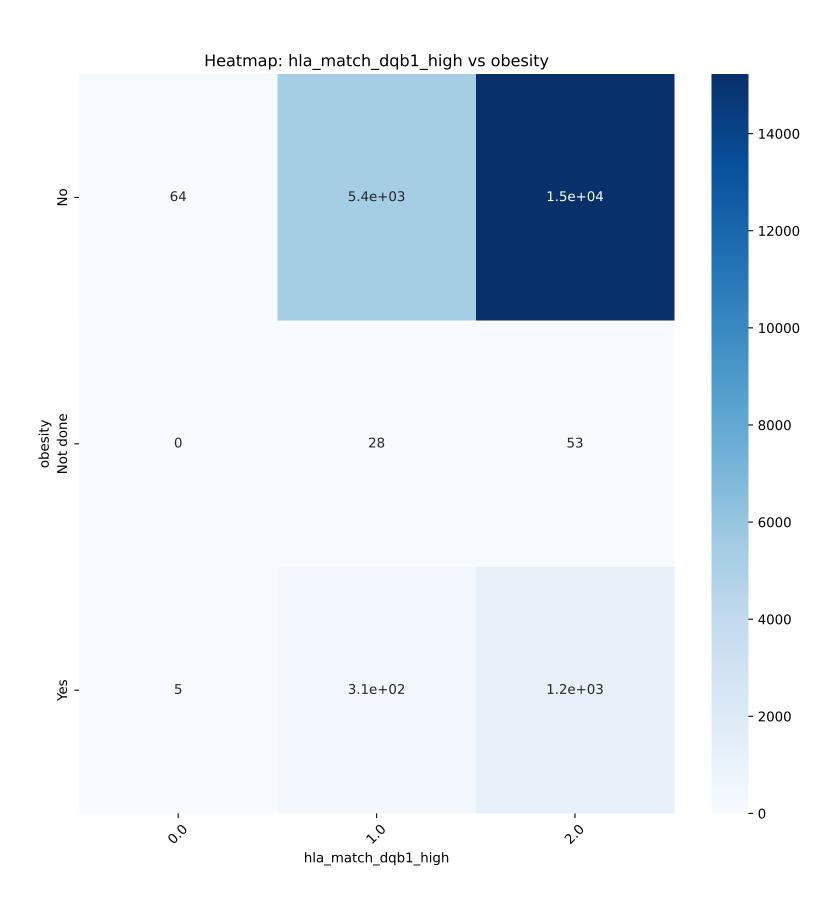
Heatmap: hla\_high\_res\_10 vs obesity - 10000 မှ -2.8e+03 1.2e+03 1 22 1e+03 1.1e+03 2e+03 1.1e+04 8000 6000 obesity Not done 13 2 0 12 30 - 4000 - 2000 Yes -1.3e+02 67 1.6e+02 8.9e+02 68 60

8.0

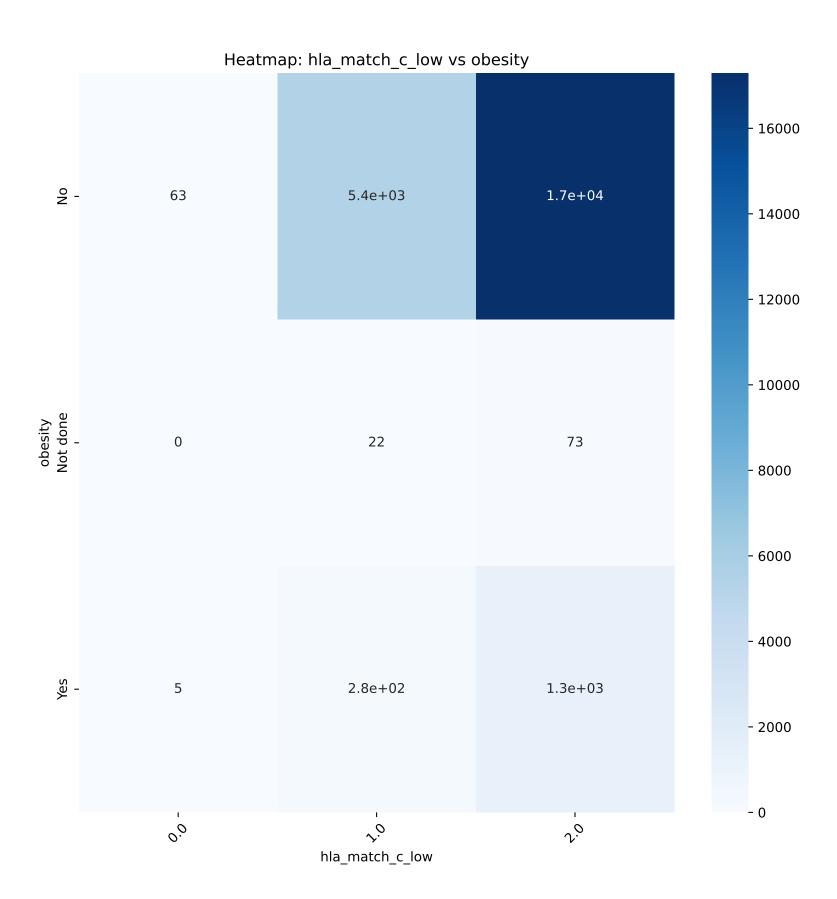
\$. - °.

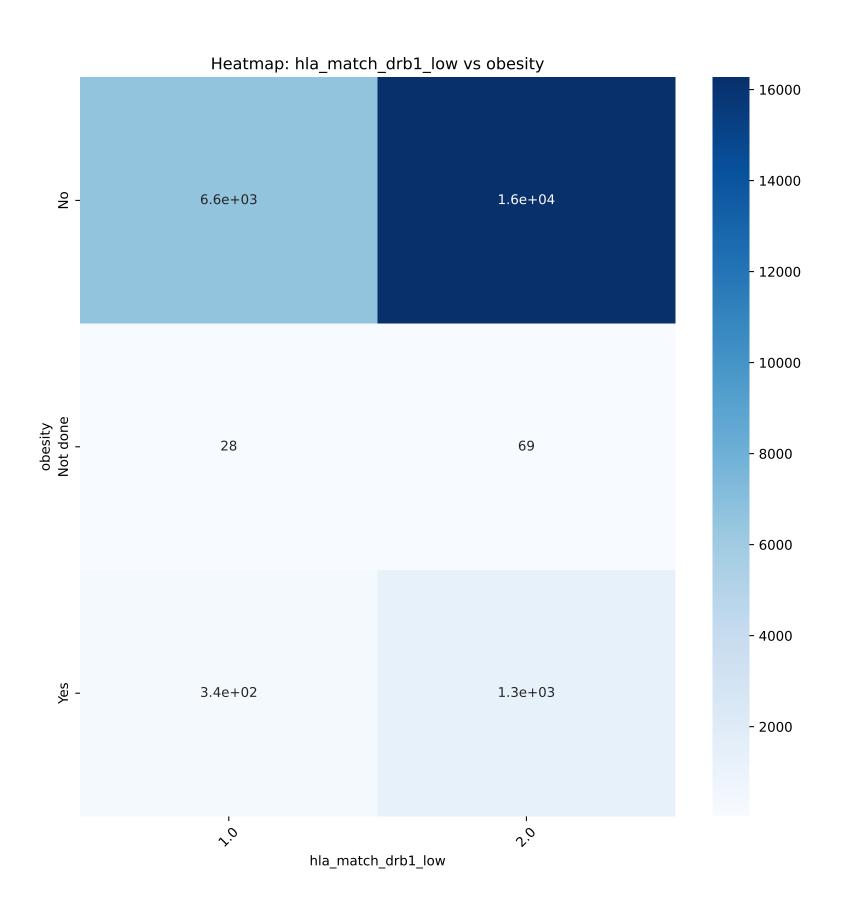
hla\_high\_res\_10

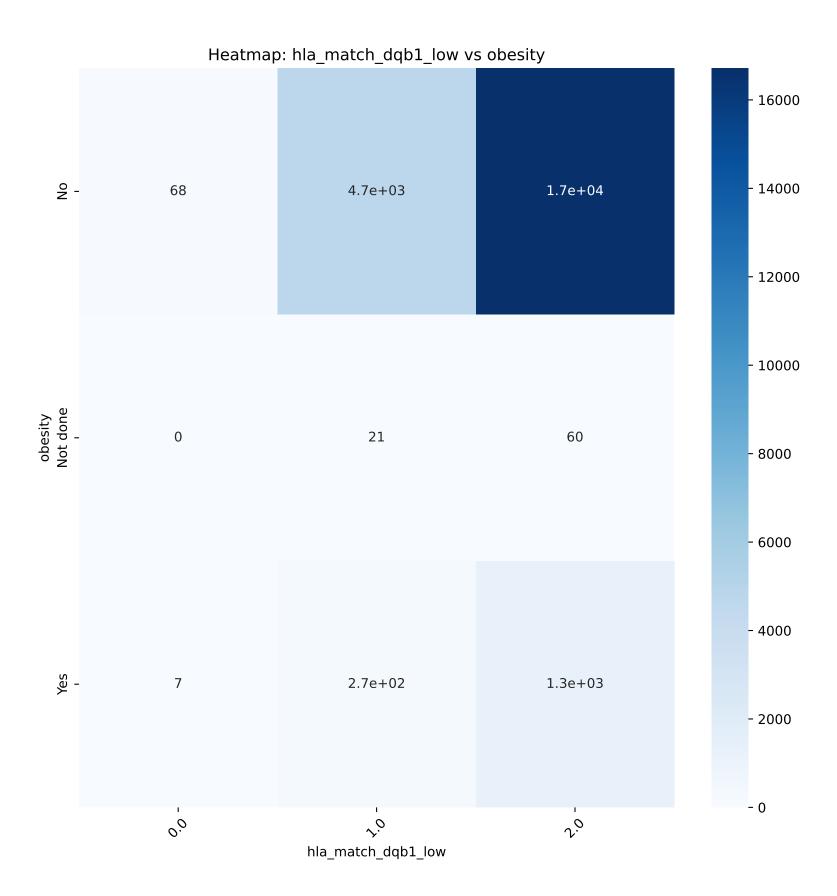
- 0

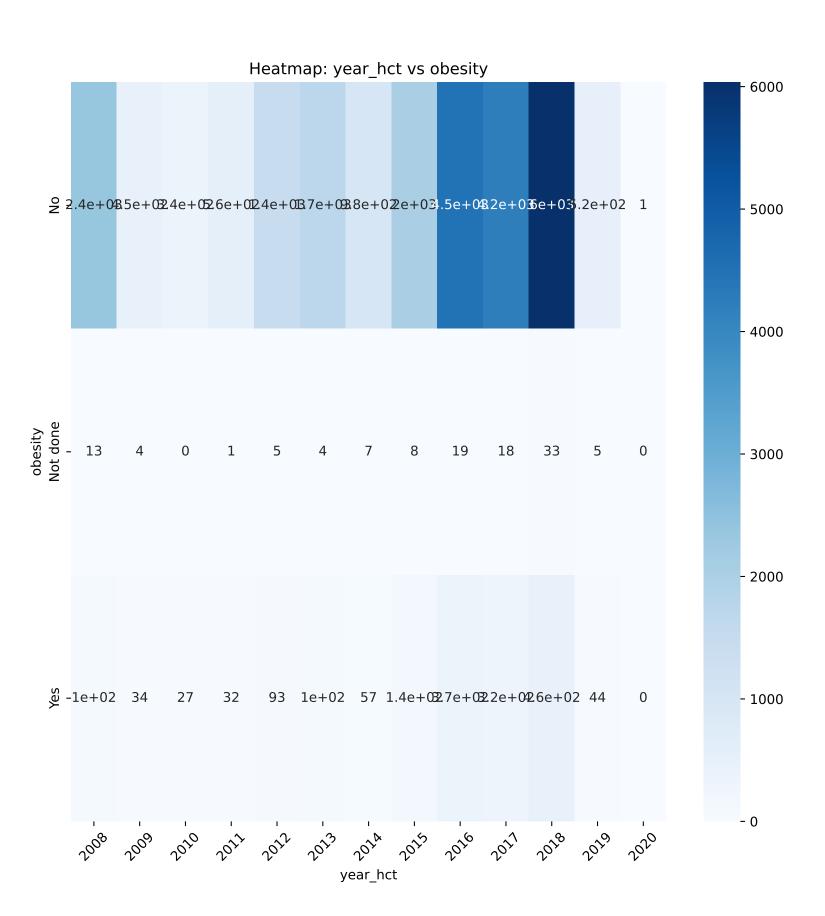


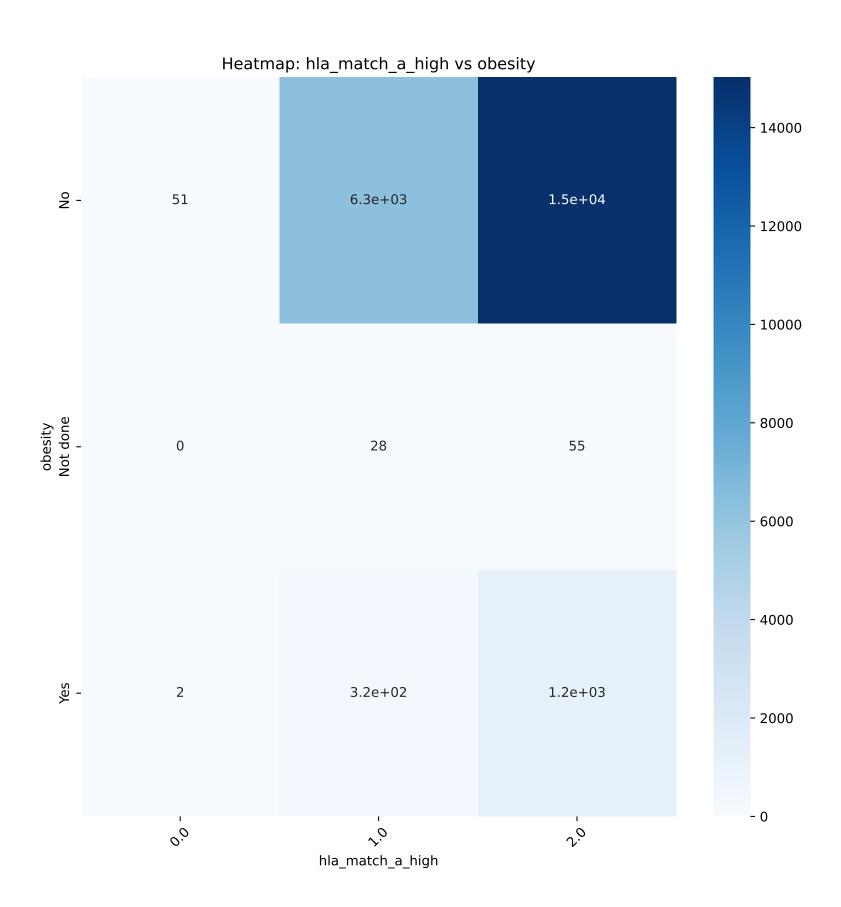
Heatmap: hla\_nmdp\_6 vs obesity - 12000 မှ -27 4.3e+03 1.1e+03 2.9e+03 1.3e+04 - 10000 8000 obesity Not done 0 18 10 50 6 6000 - 4000 Yes -2.1e+02 4 83 1.6e+02 1.1e+03 - 2000 - 0 Ø. 0 60 hla\_nmdp\_6



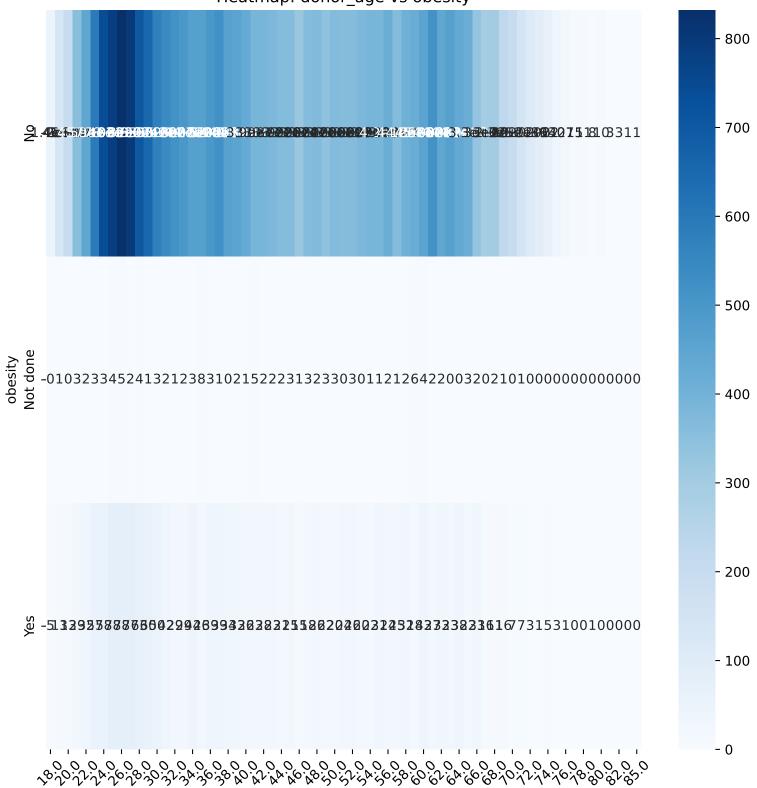




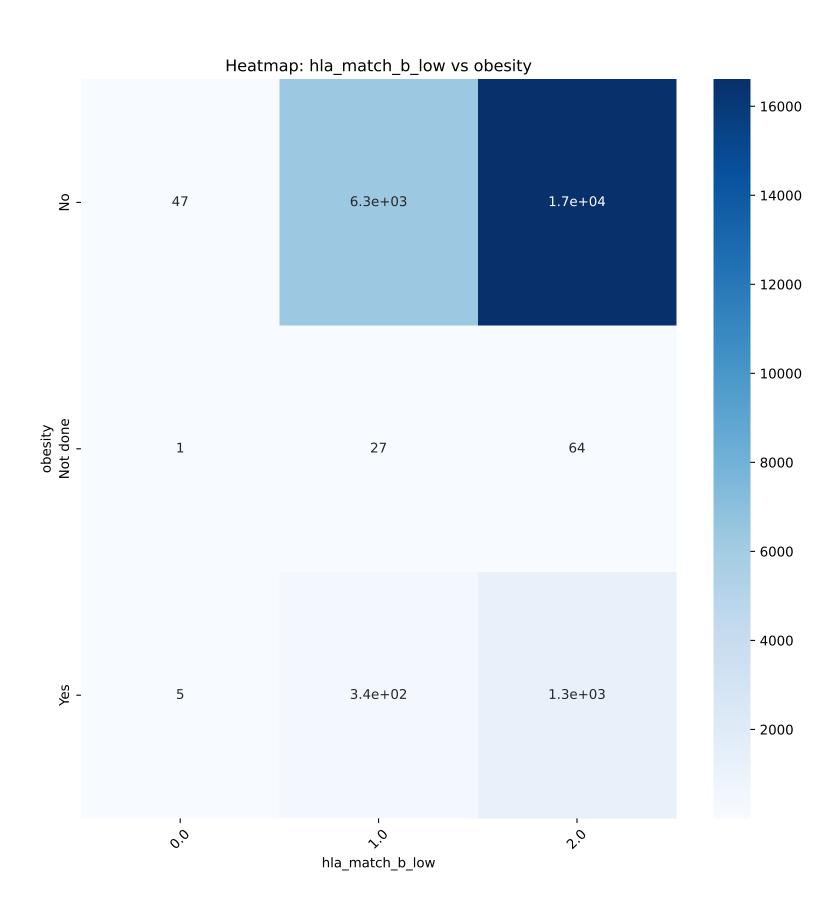


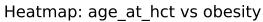


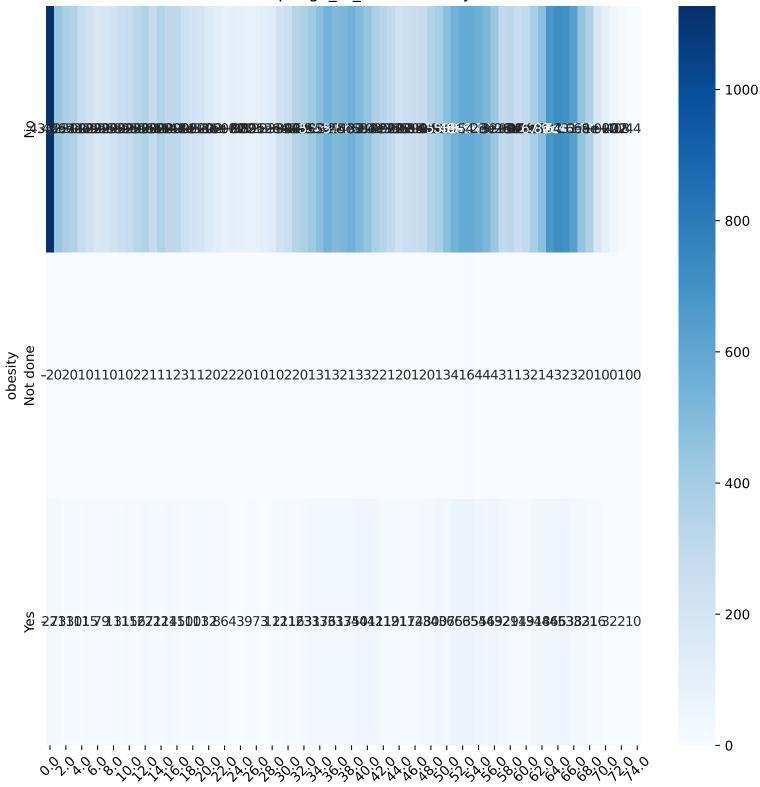
Heatmap: donor\_age vs obesity

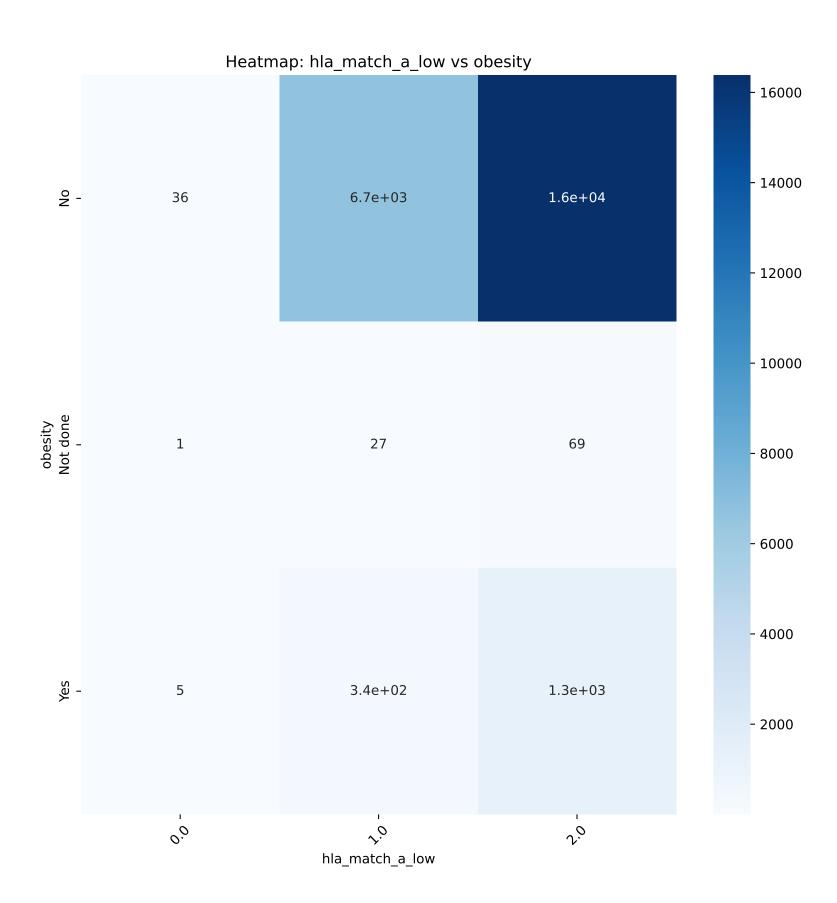


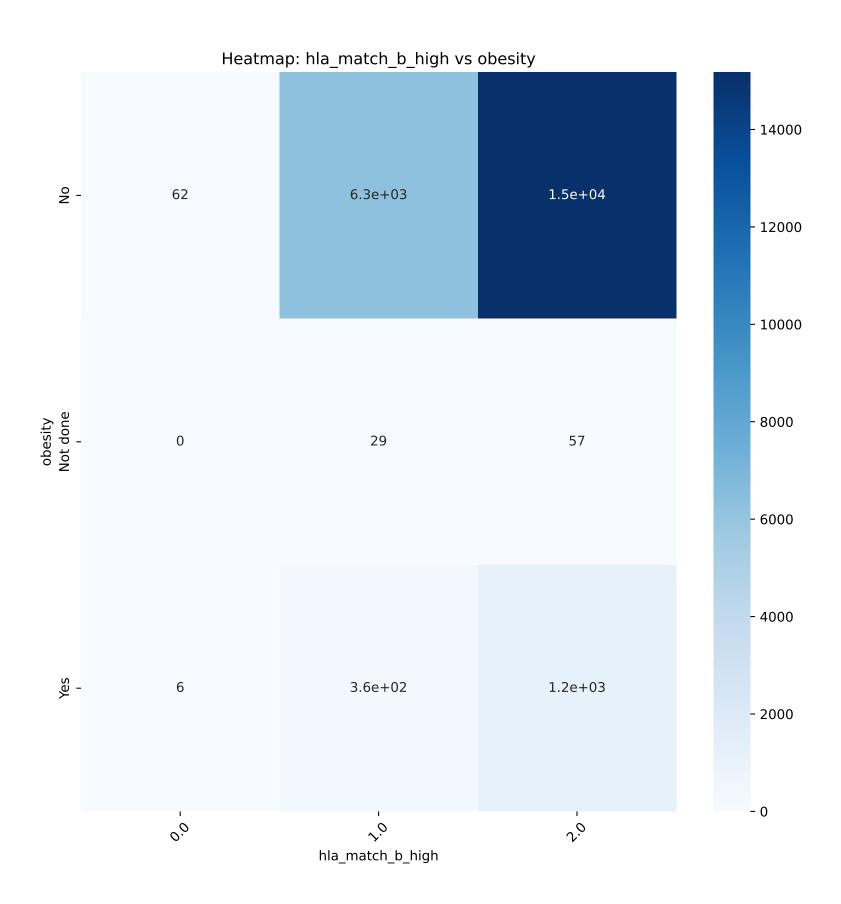
donor\_age

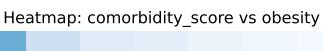


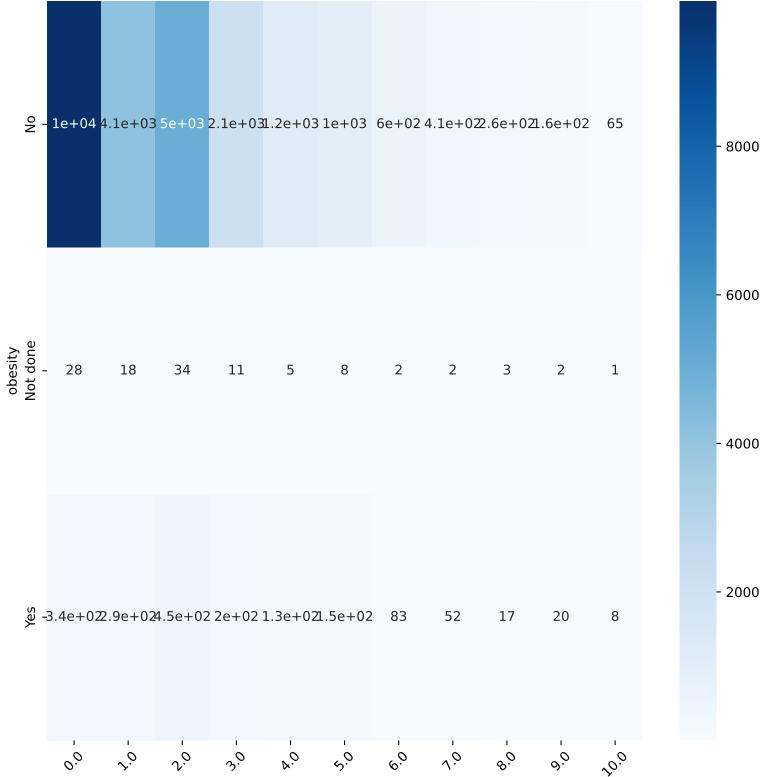




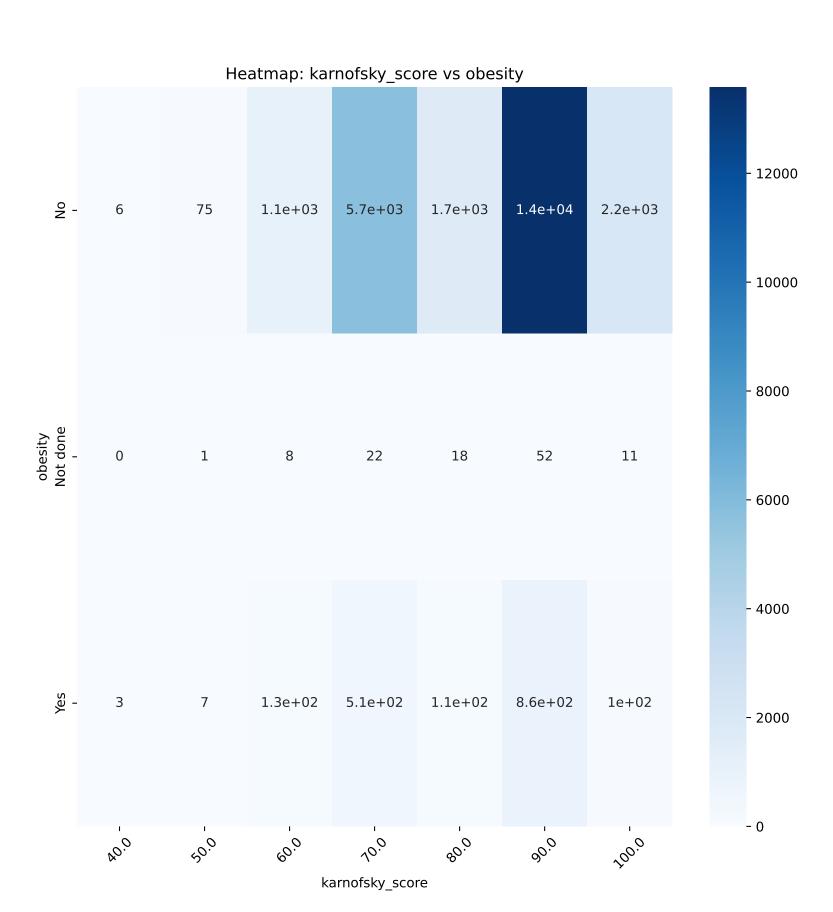








comorbidity\_score



Heatmap: hla\_low\_res\_8 vs obesity - 12000 ₽ -3.8e+03 1.3e+04 1 20 1.4e+03 1.3e+03 2.2e+03 - 10000 8000 obesity Not done 0 0 14 6 5 13 49 6000 - 4000 Yes -2 1.8e+02 83 77 1.6e+02 1.1e+03 - 2000

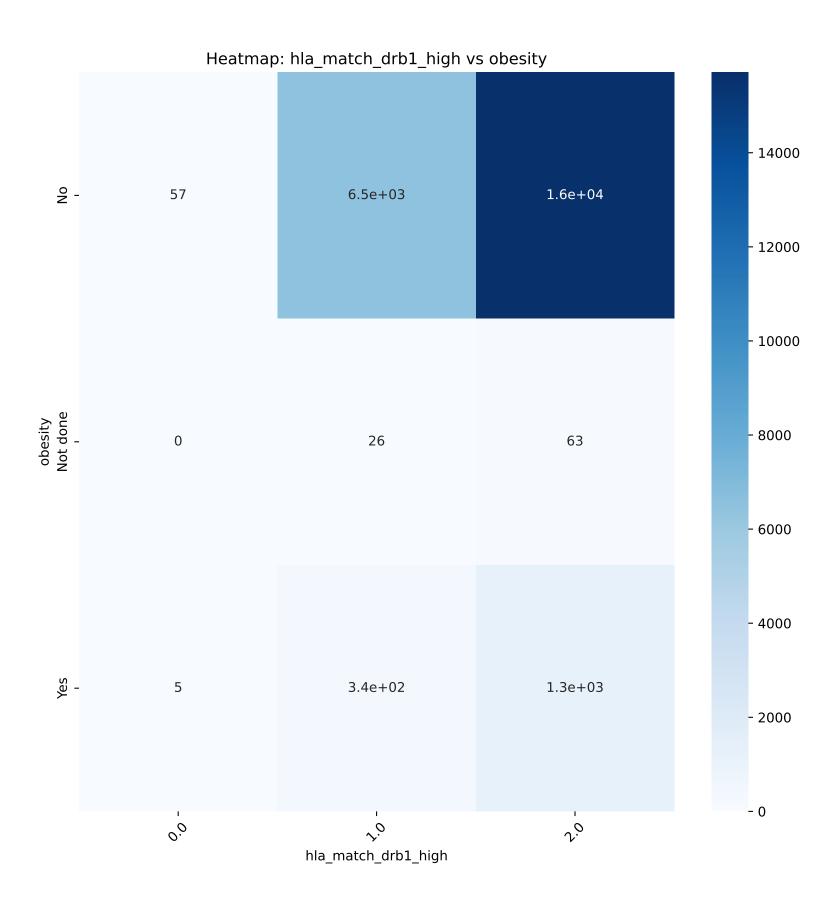
6.0

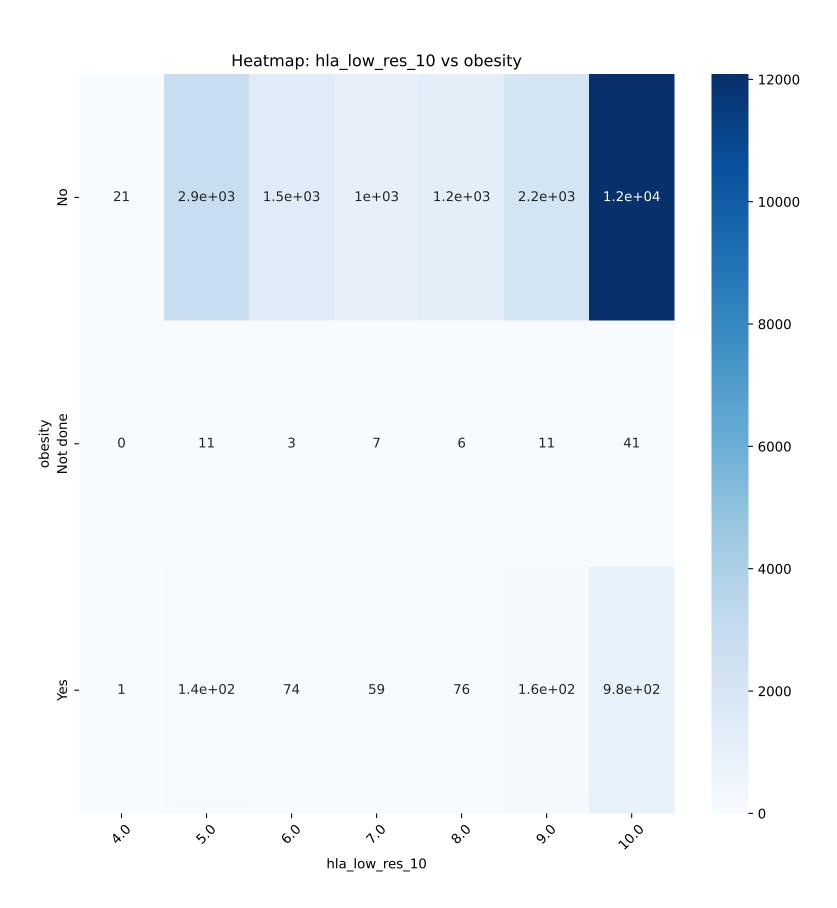
Þ. 0

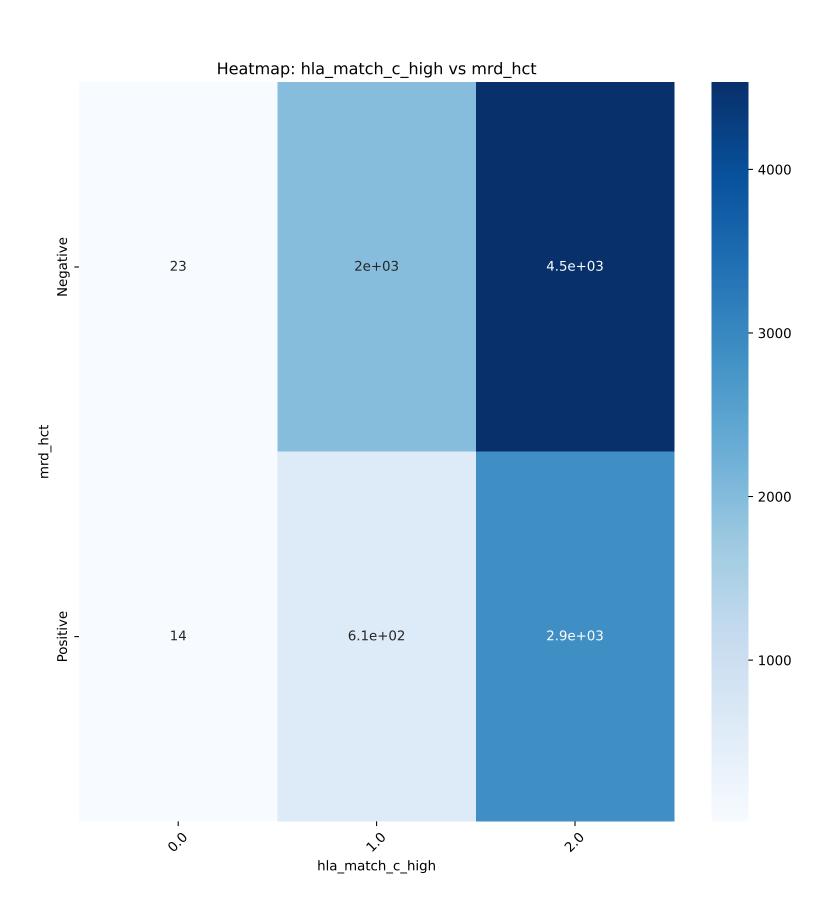
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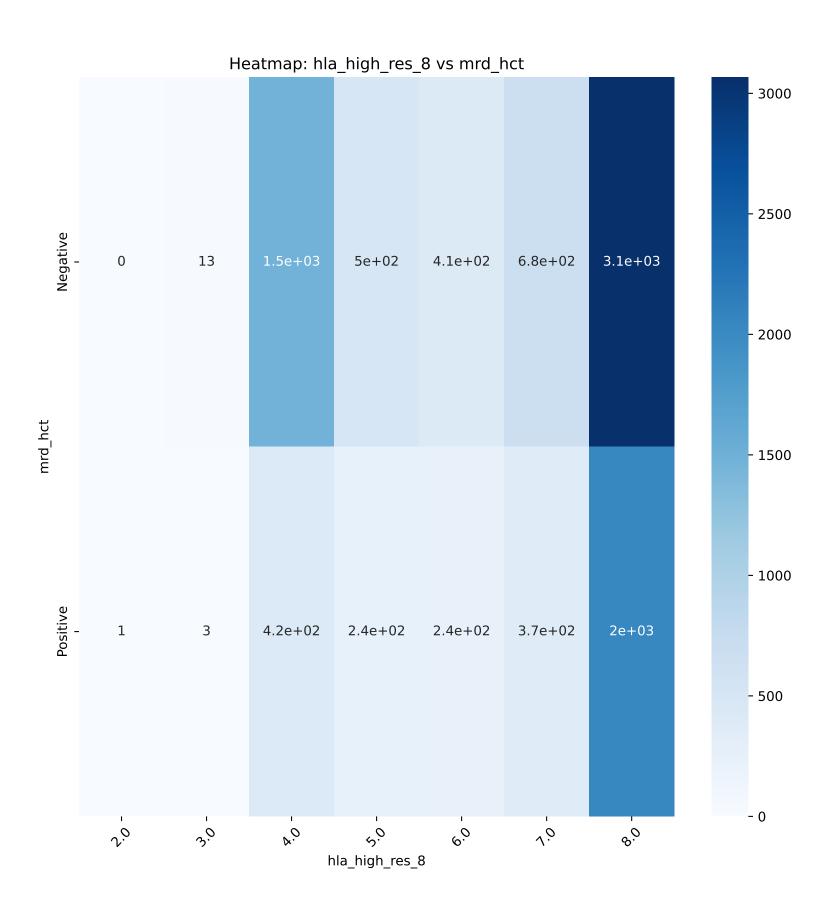
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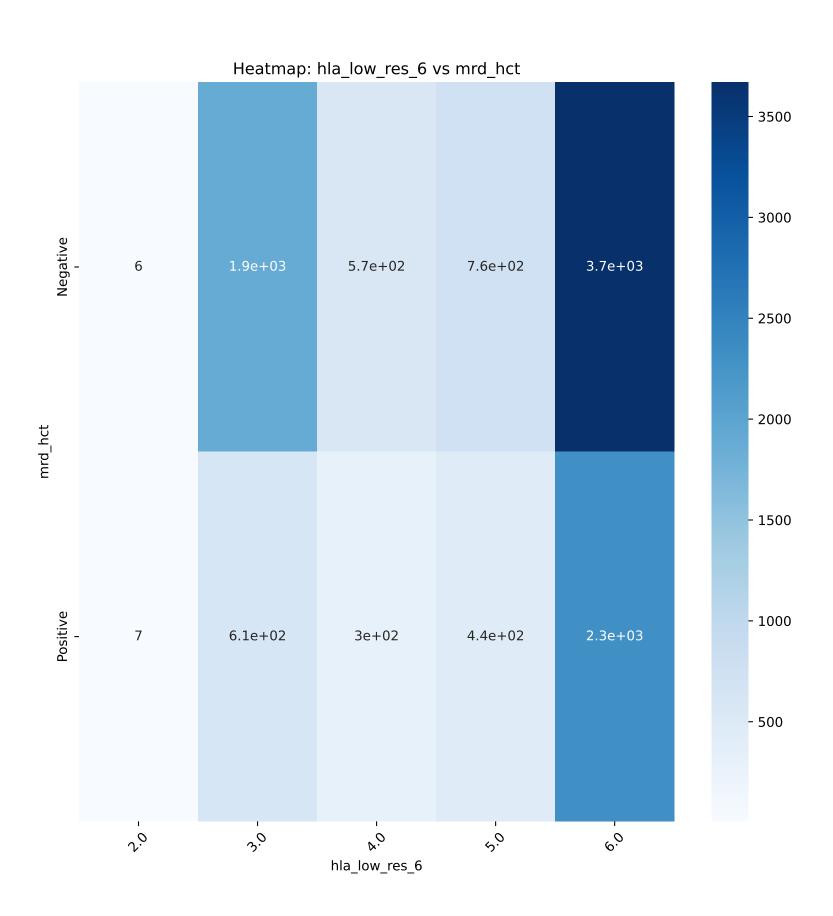
- 0

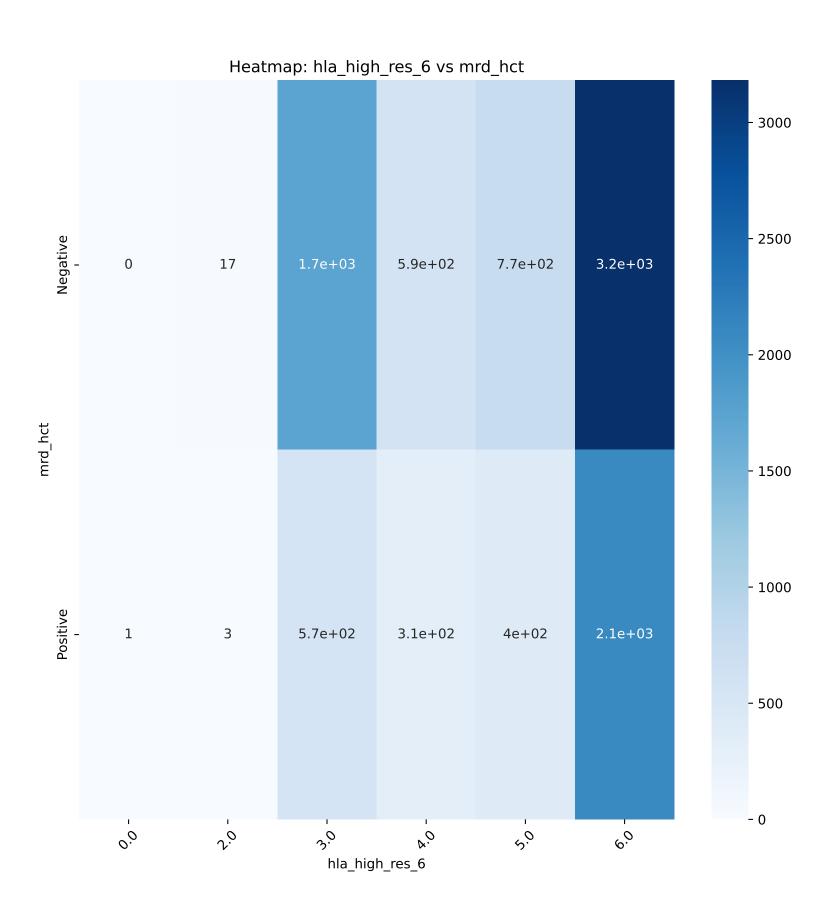


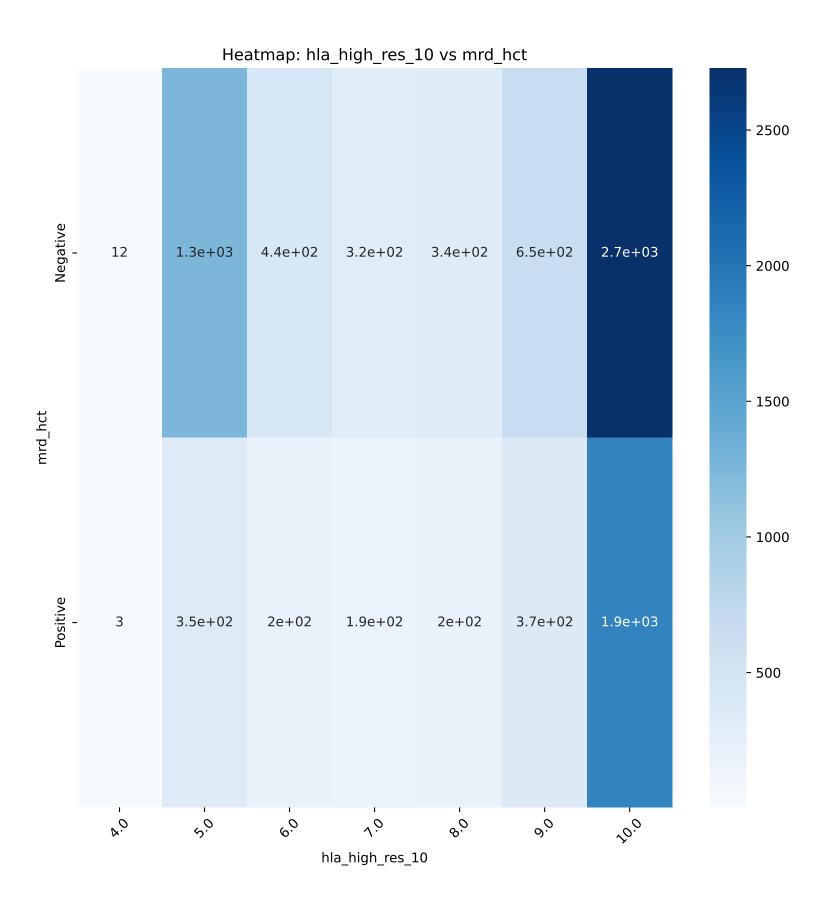


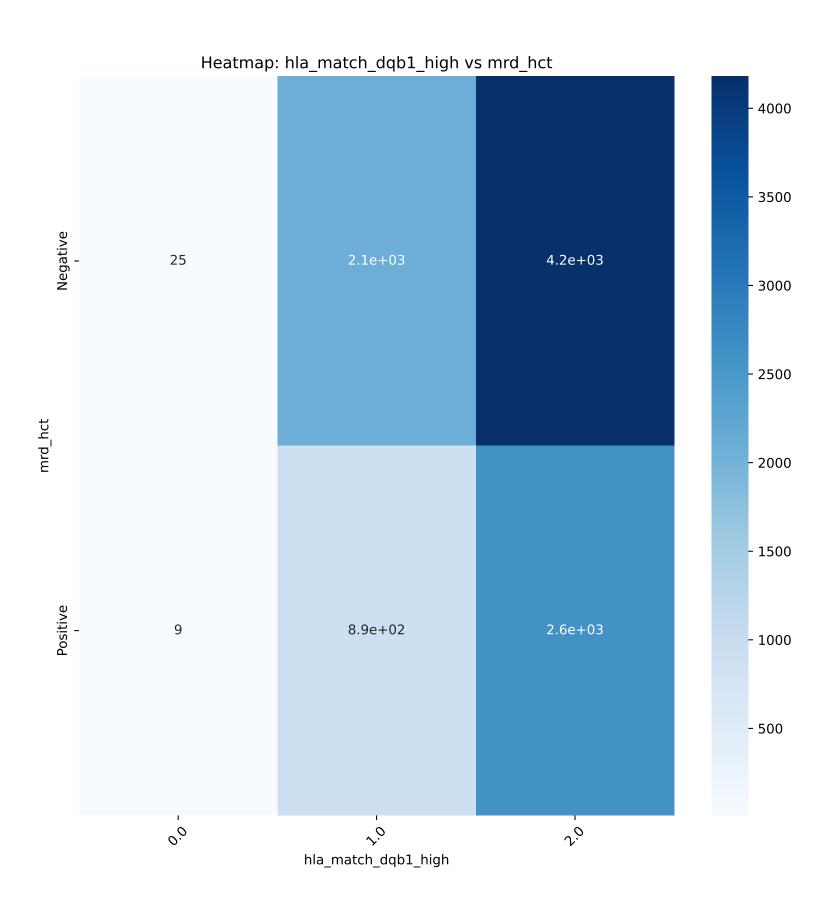


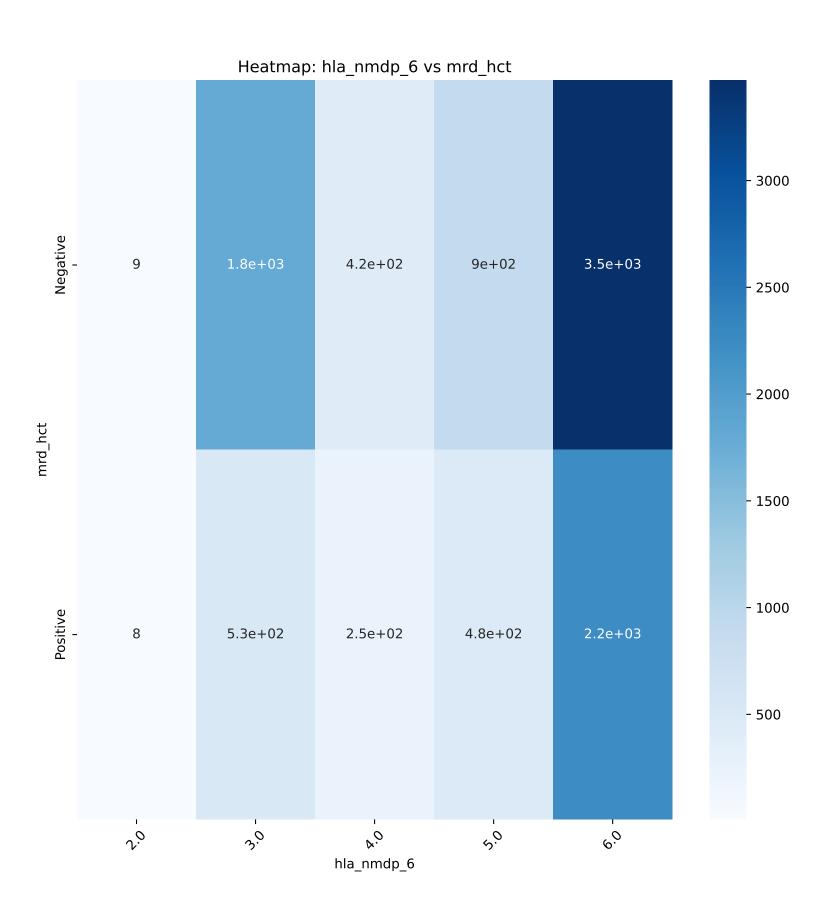


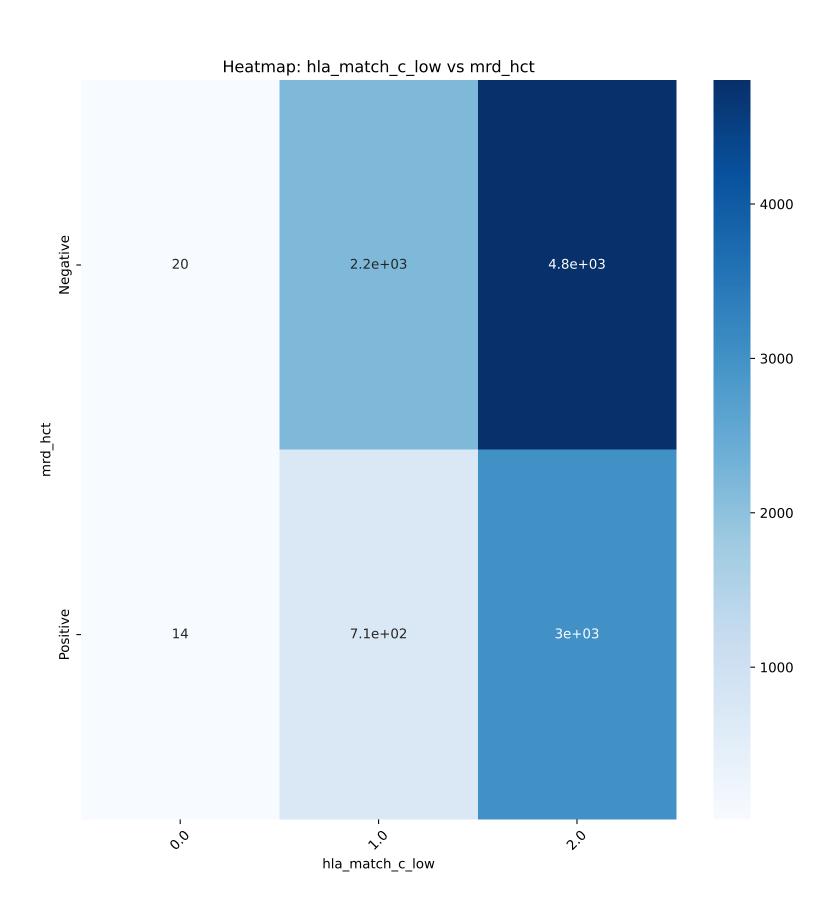


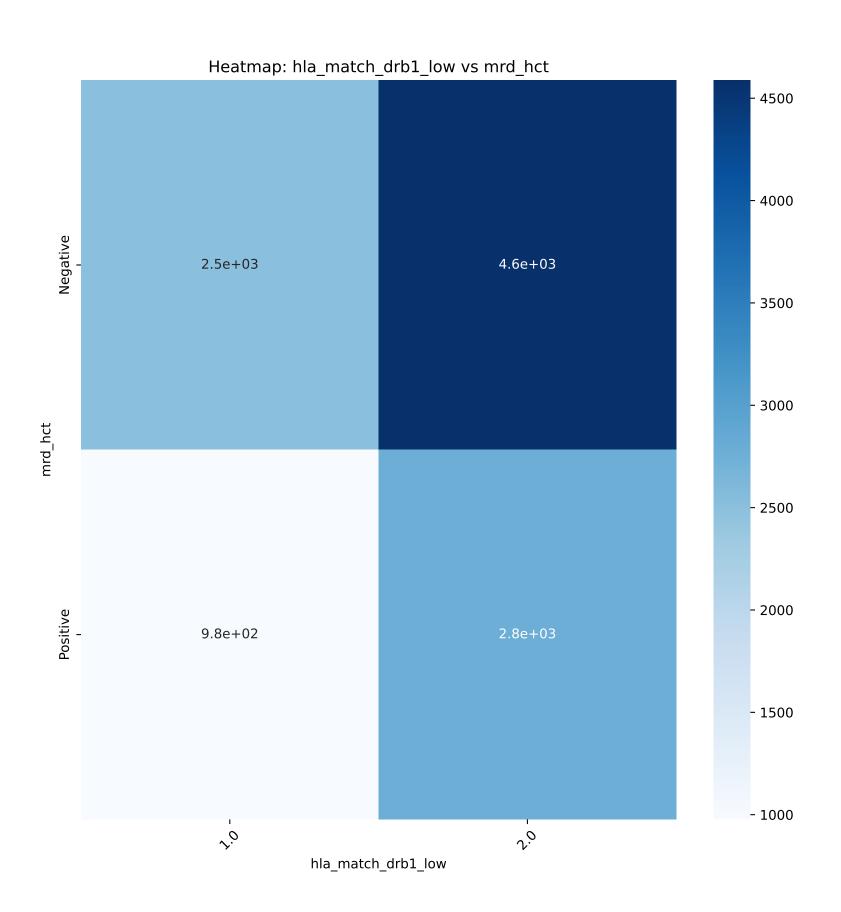


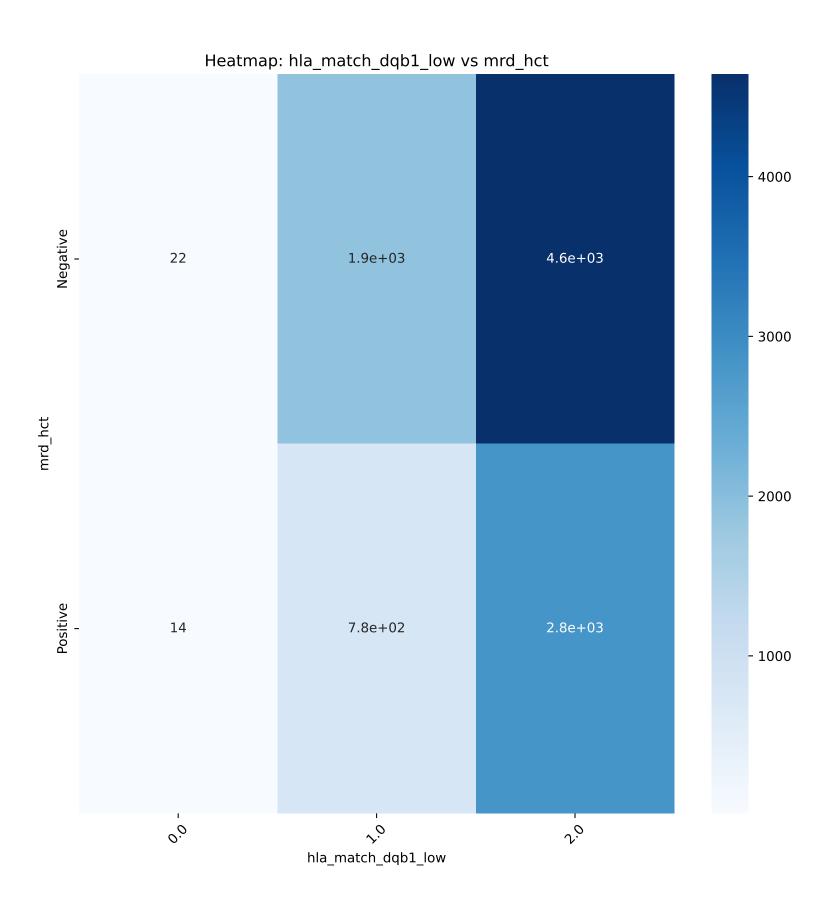


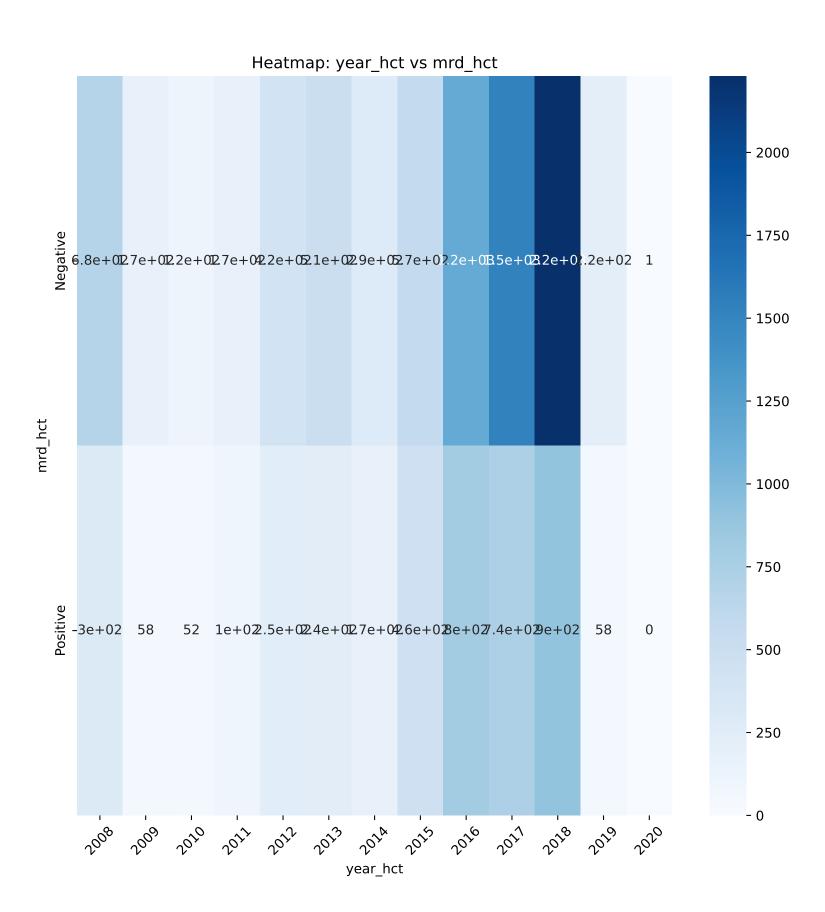


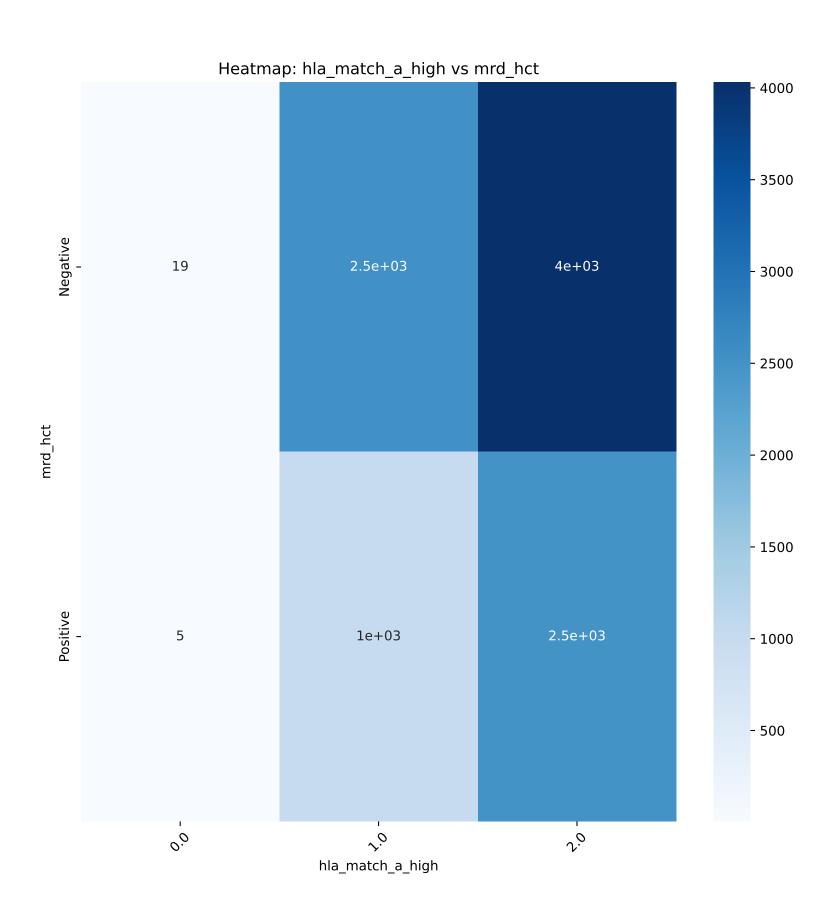


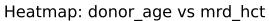


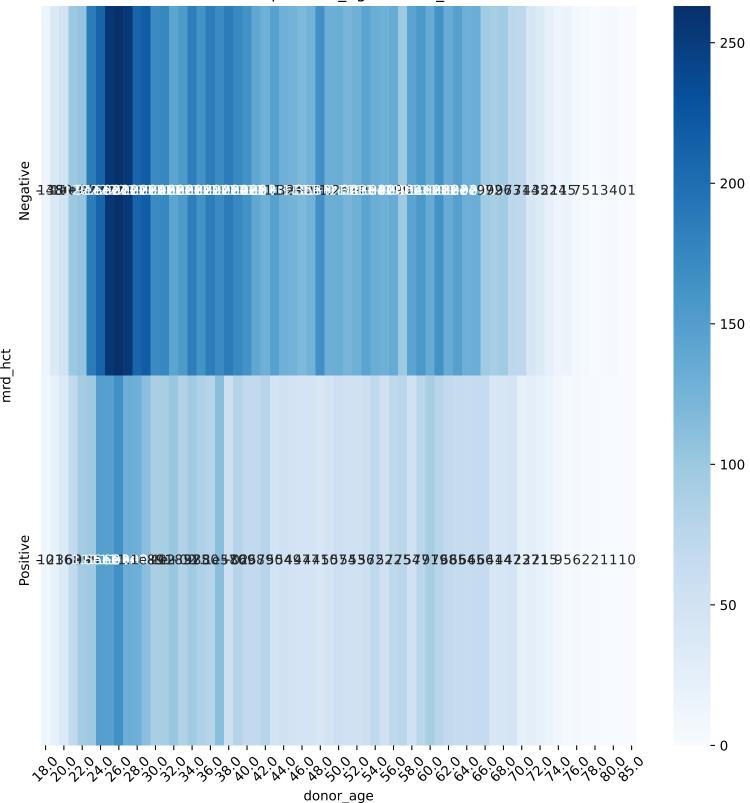


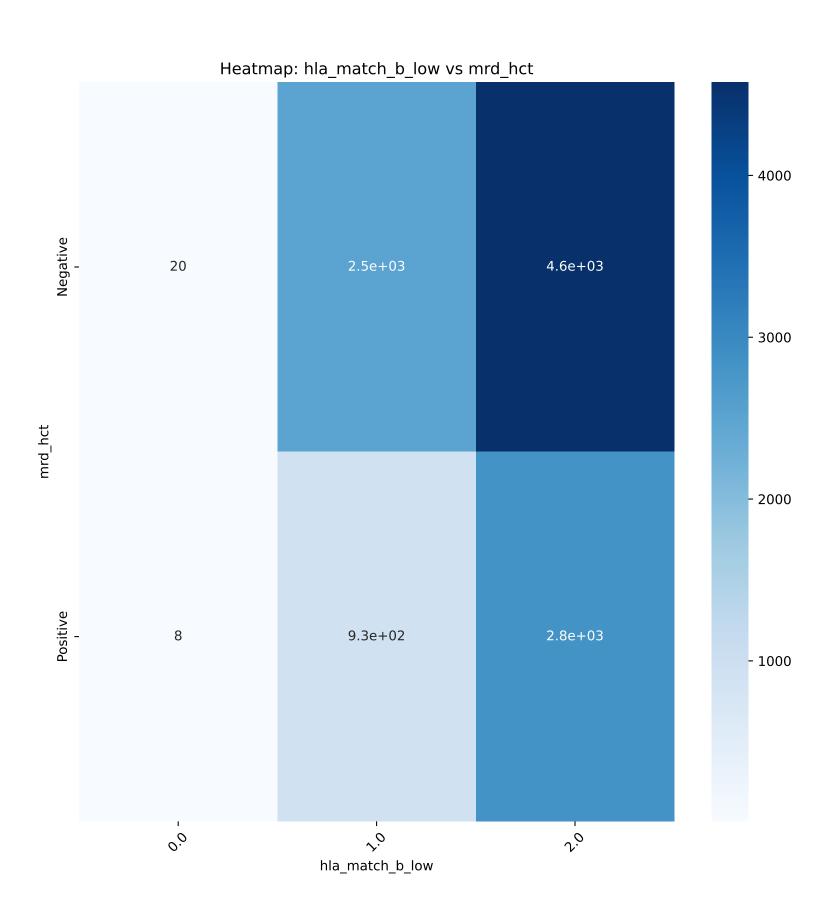


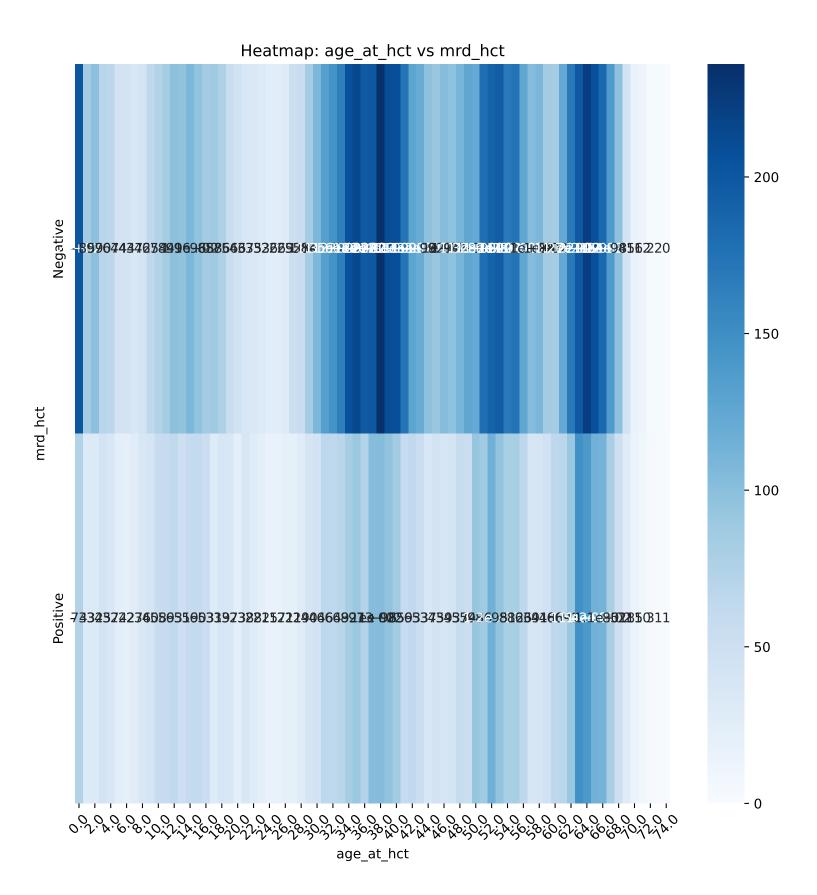


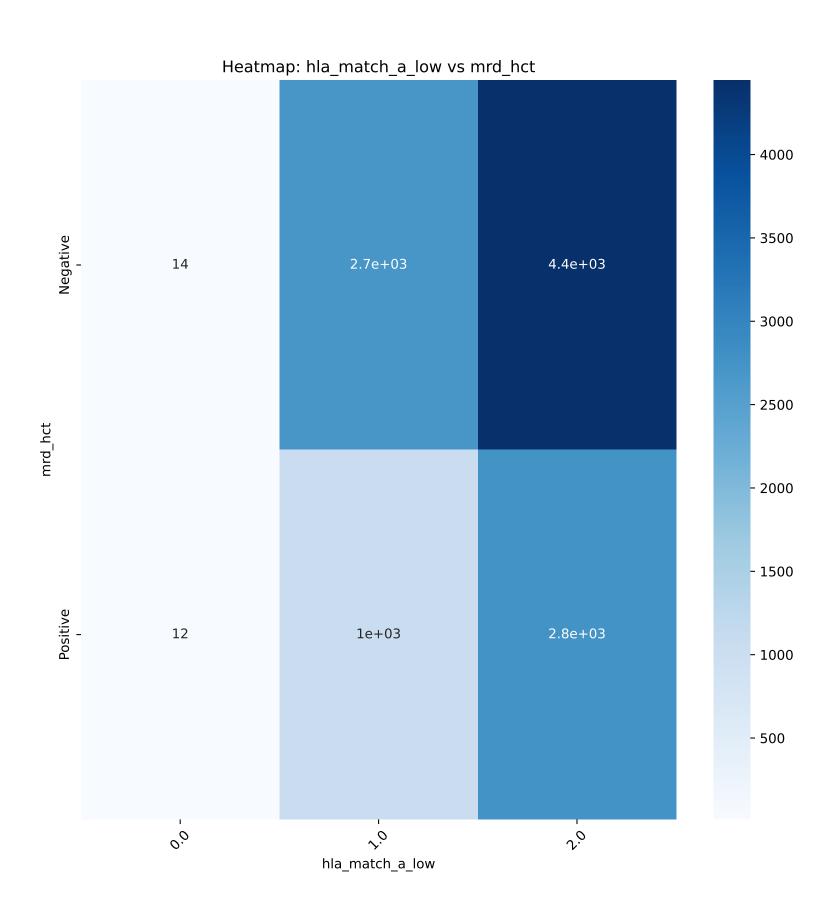


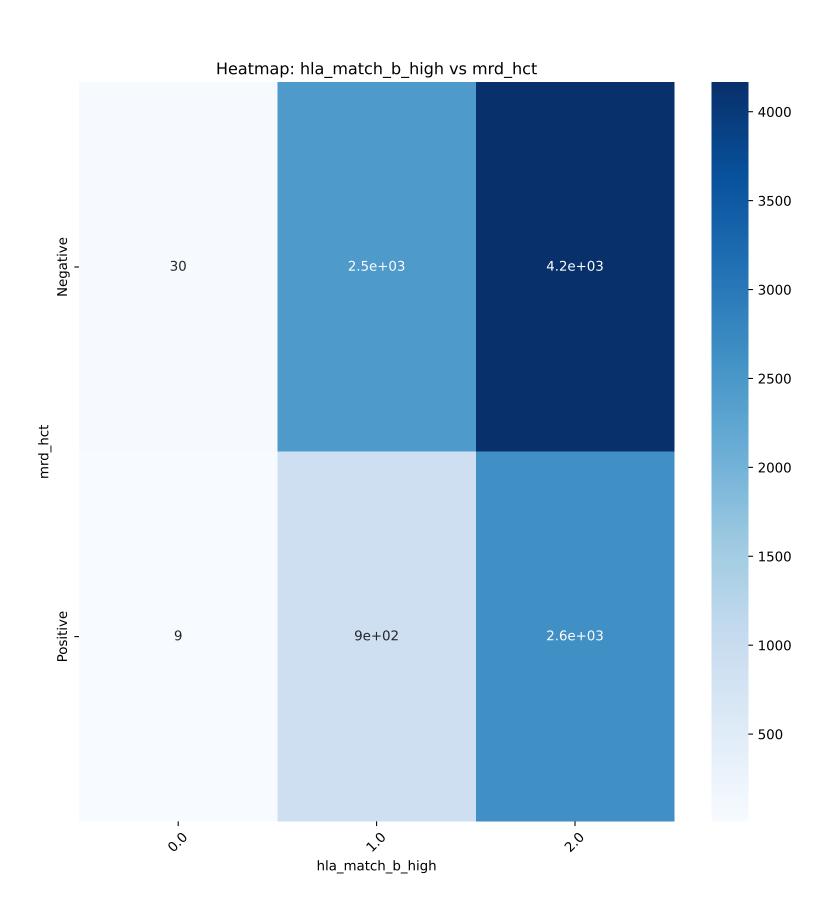


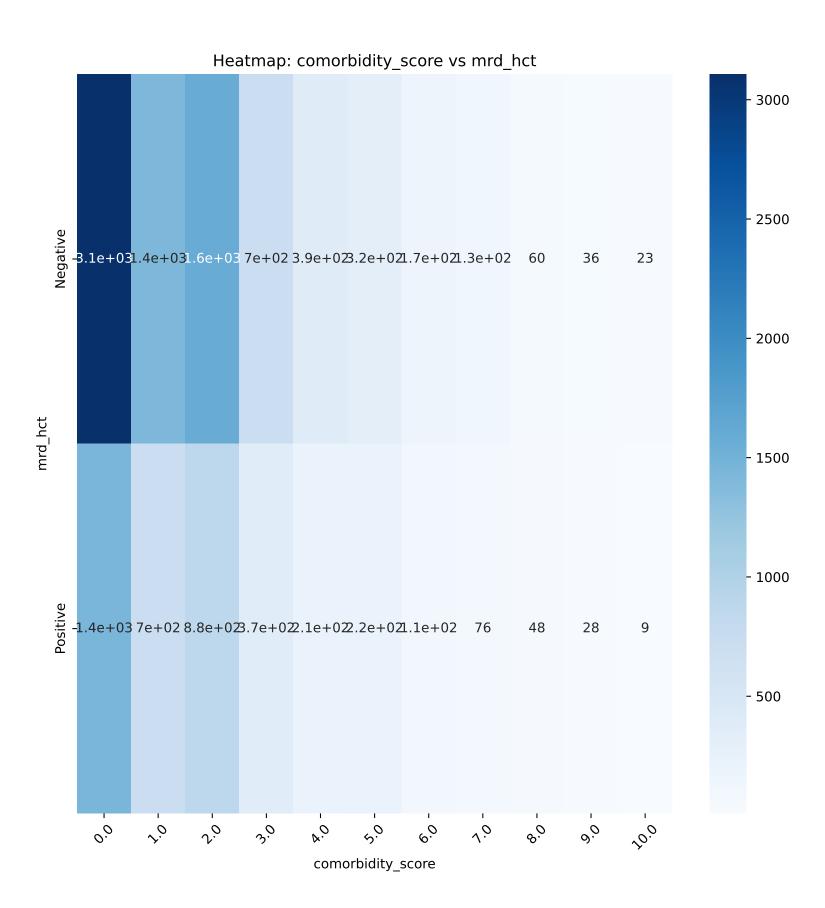


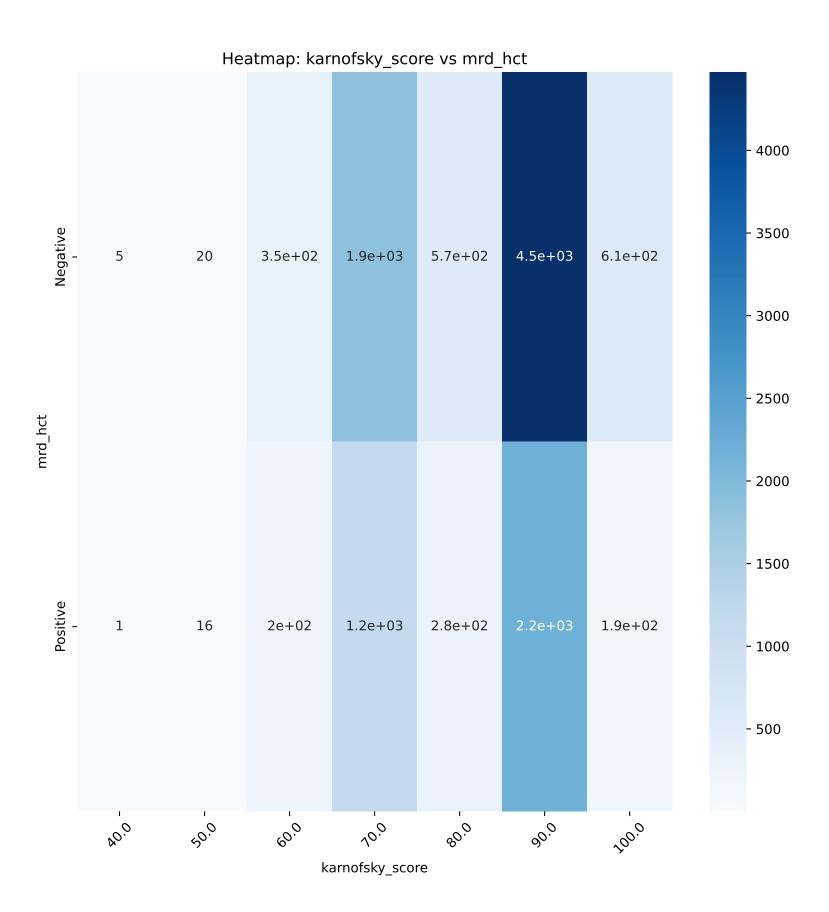


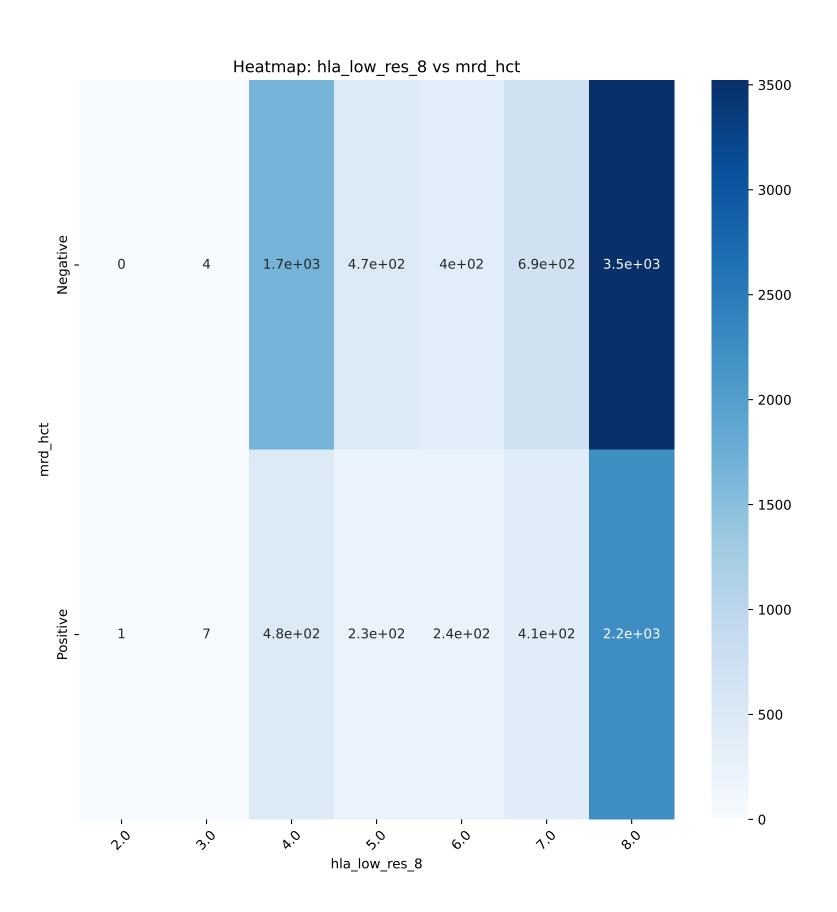


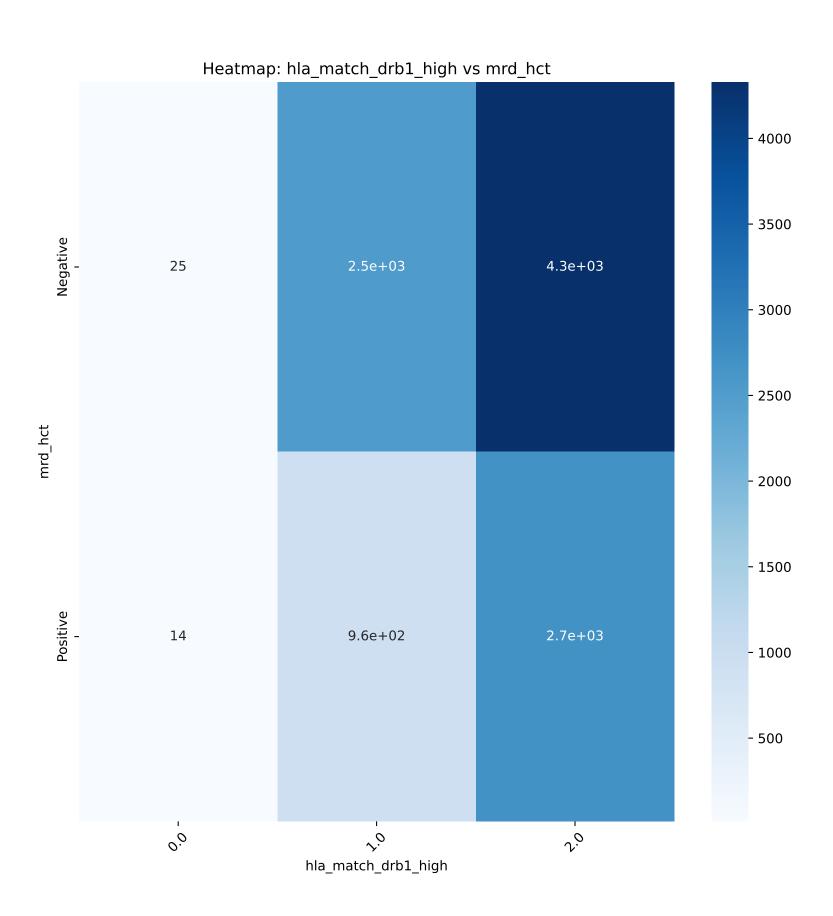






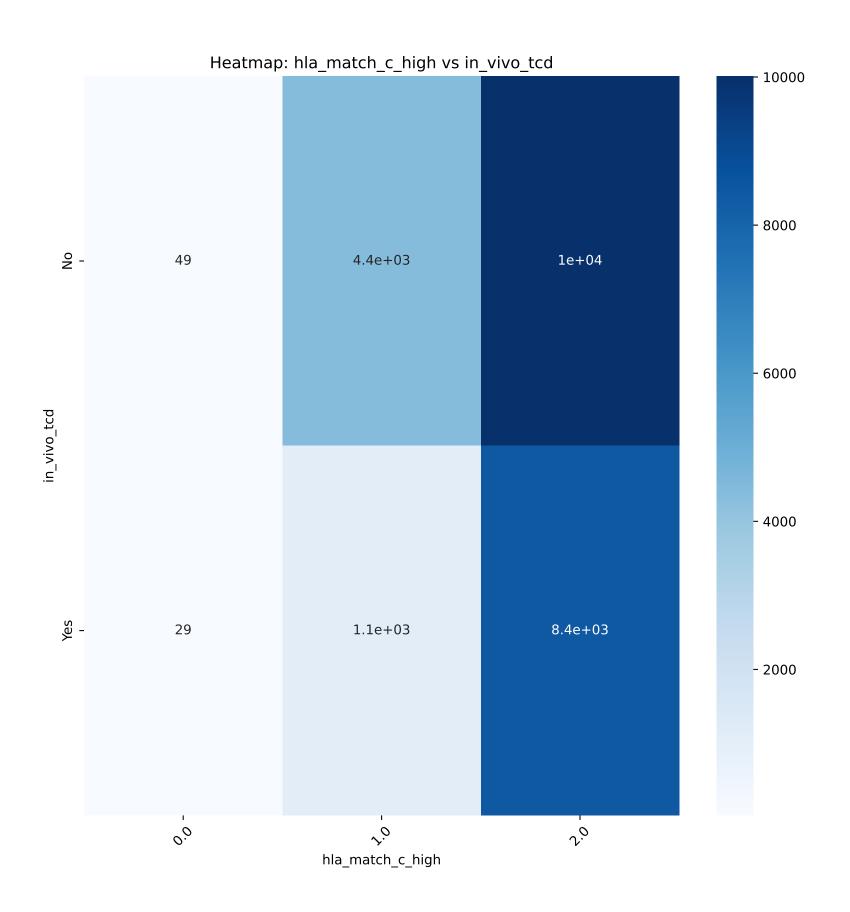


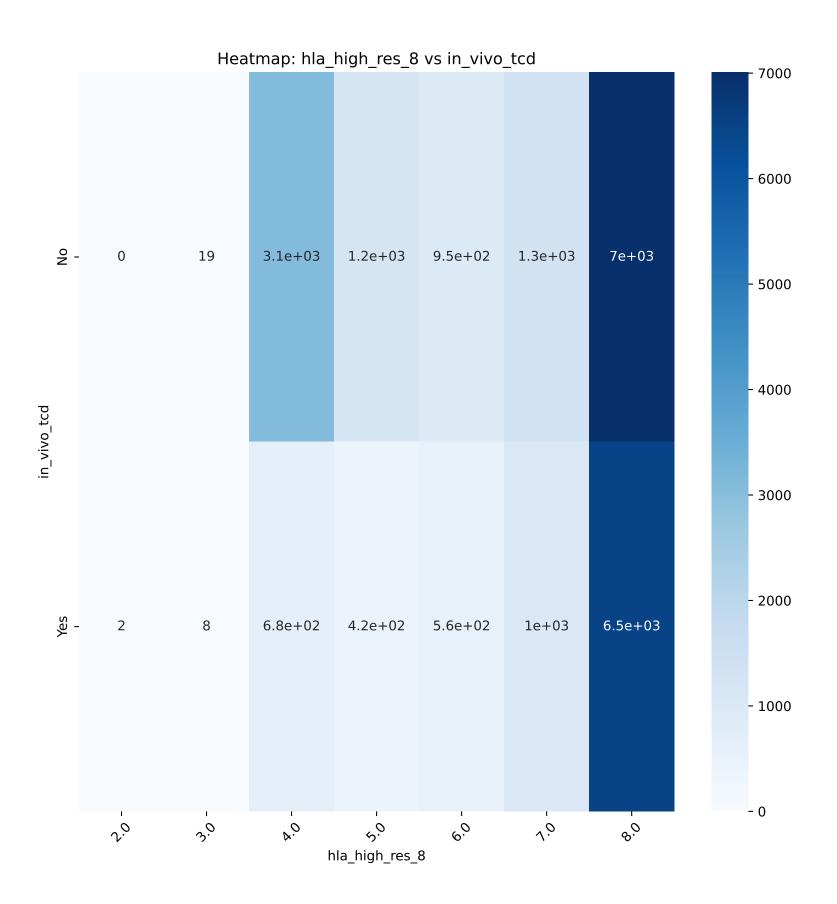


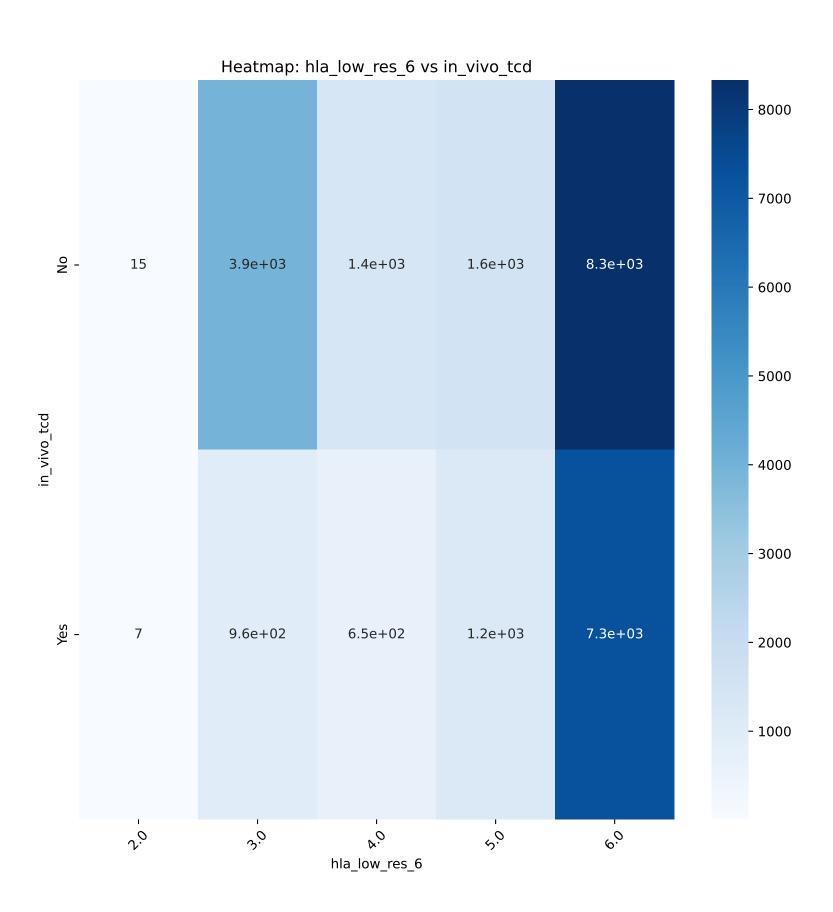


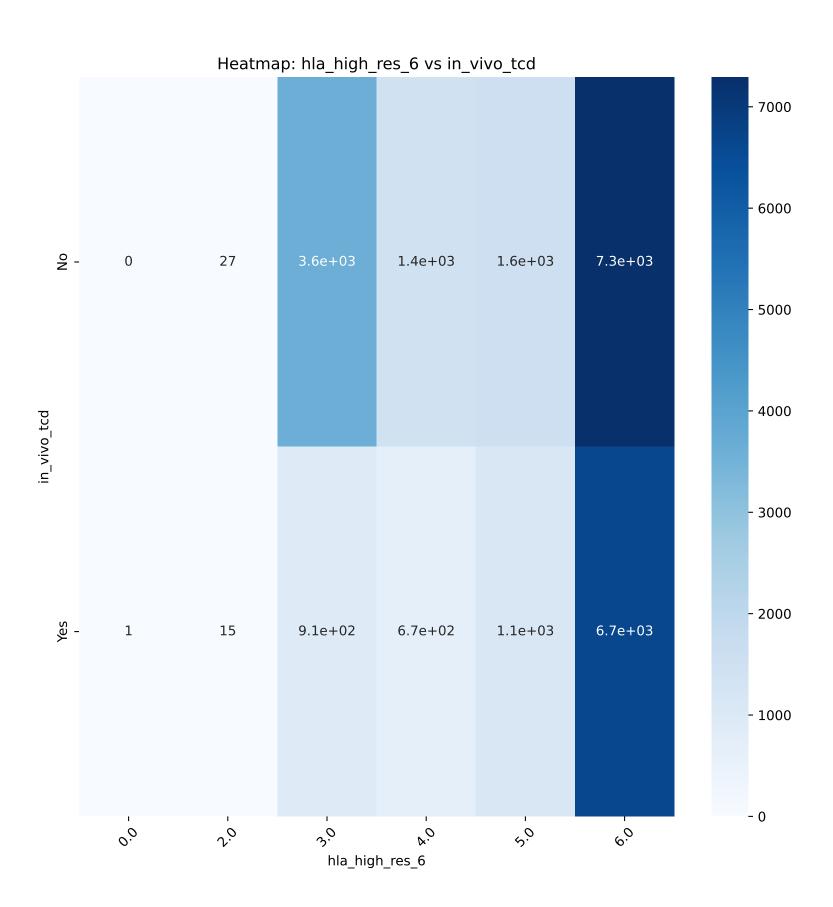
Heatmap: hla\_low\_res\_10 vs mrd\_hct - 3000 - 2500 Negative ' 5 1.3e+03 5.2e+02 7e+02 3.1e+03 3.4e+02 3.5e+02 - 2000 mrd\_hct - 1500 - 1000 Positive ' 5 3.8e+02 2.2e+02 2.1e+03 1.8e+02 2.2e+02 4e+02 - 500 50 °,0 90 60 10

hla\_low\_res\_10

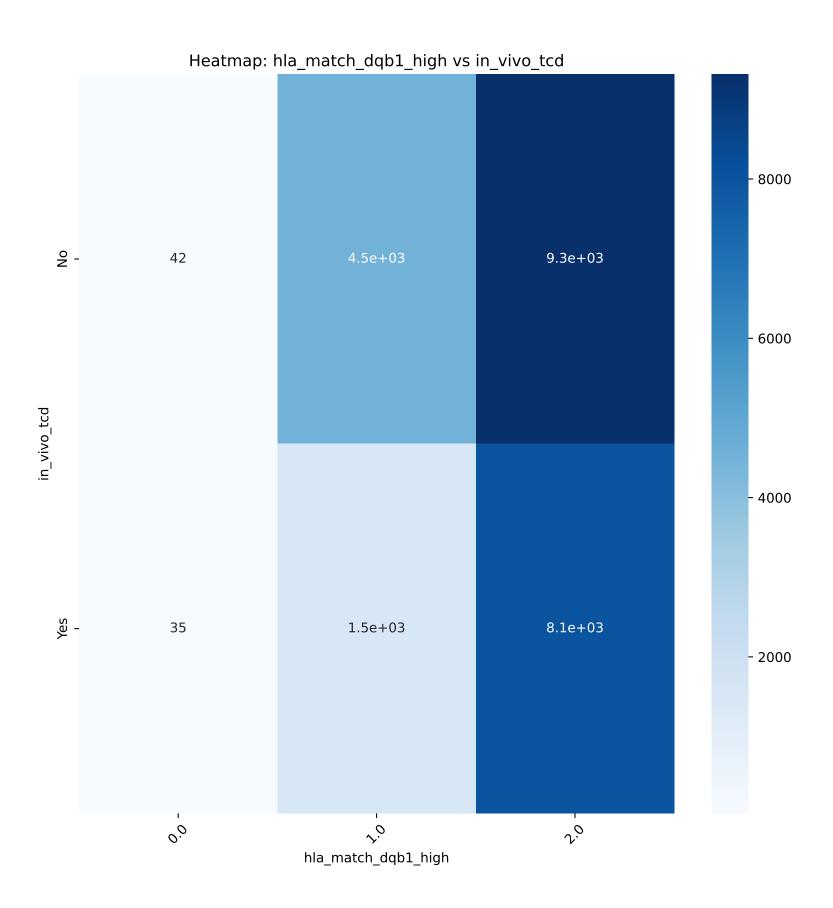


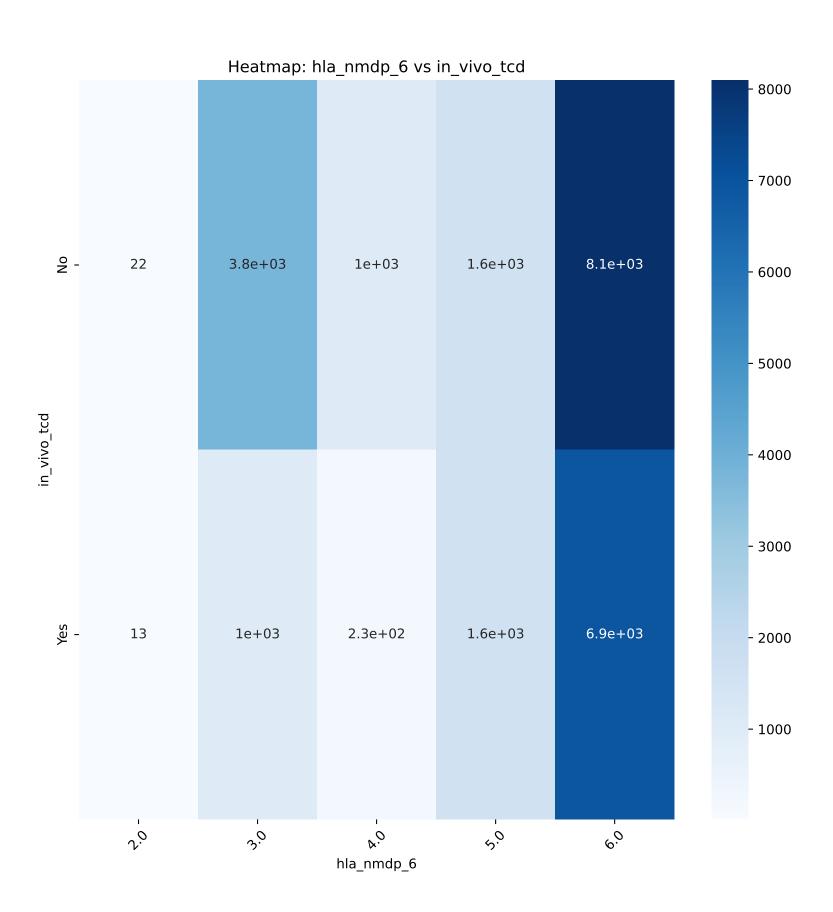


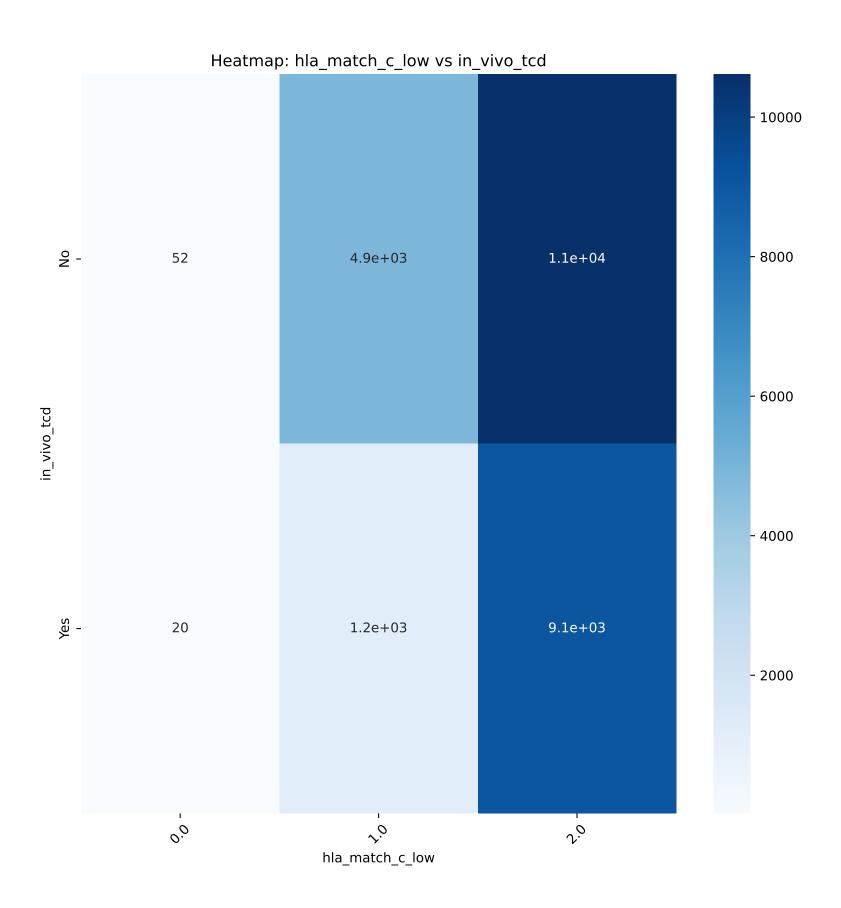


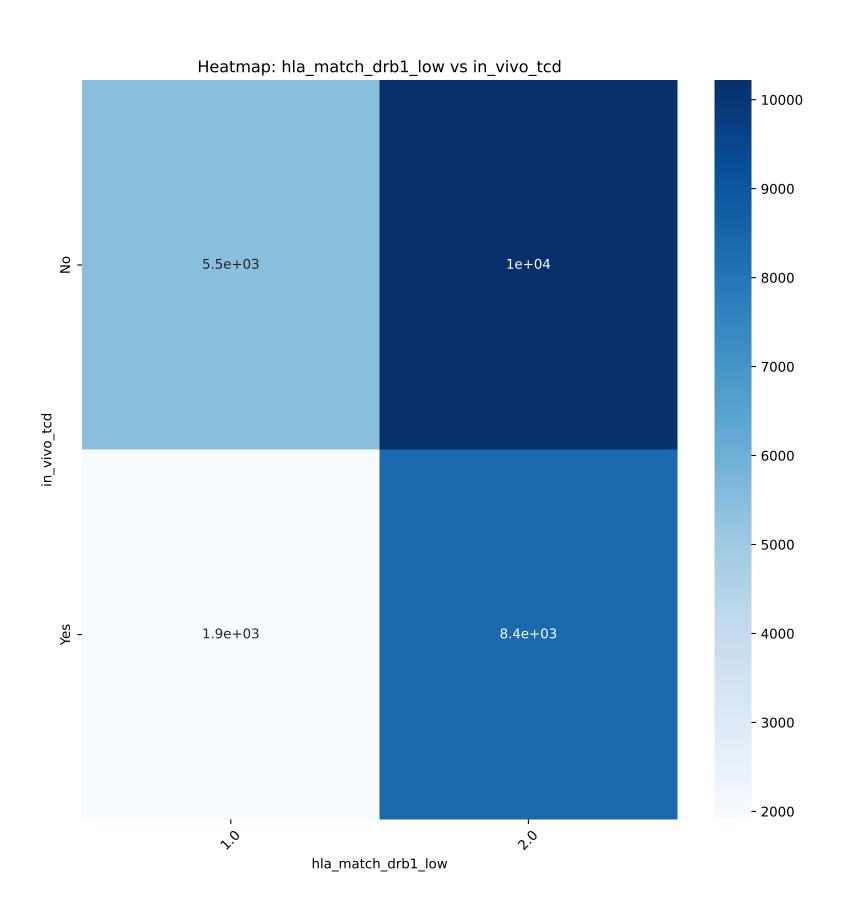


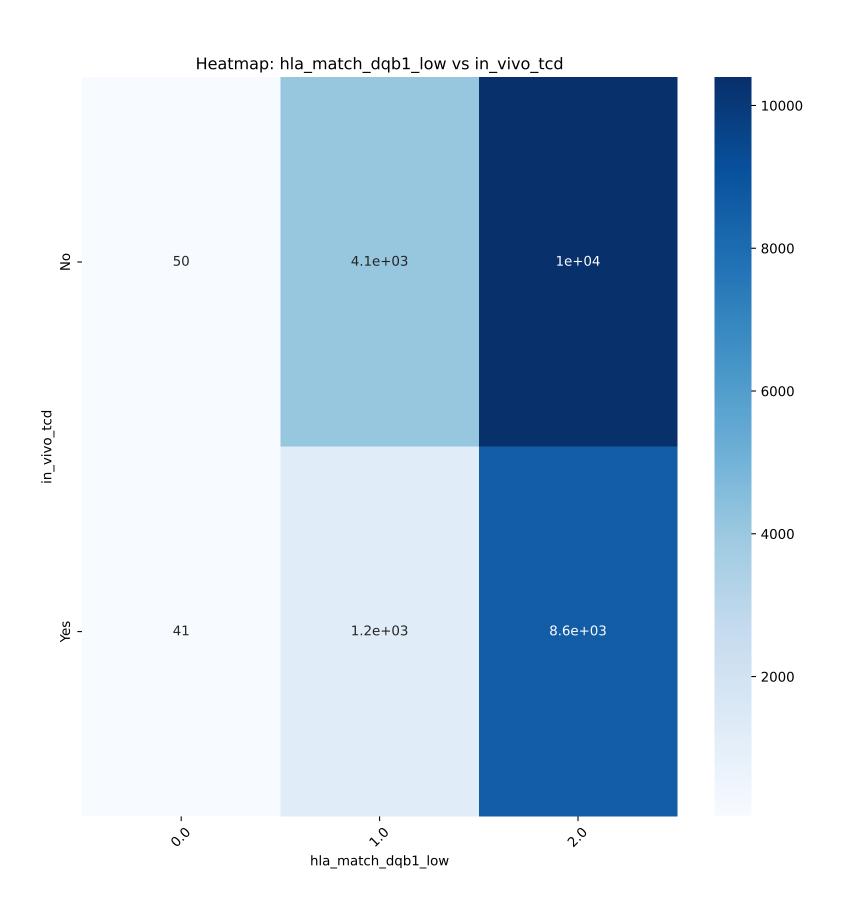
Heatmap: hla\_high\_res\_10 vs in\_vivo\_tcd 6000 - 5000 ₽ -6.2e+03 0 18 2.6e+03 1e+03 7.9e+02 8e+02 1.3e+03 - 4000 in\_vivo\_tcd 3000 - 2000 Yes -1 5.4e+02 3.3e+02 3.8e+02 5e+02 6e+03 6 1.1e+03 - 1000 - 0 9.0 0,0 °. 90 50 10 hla\_high\_res\_10

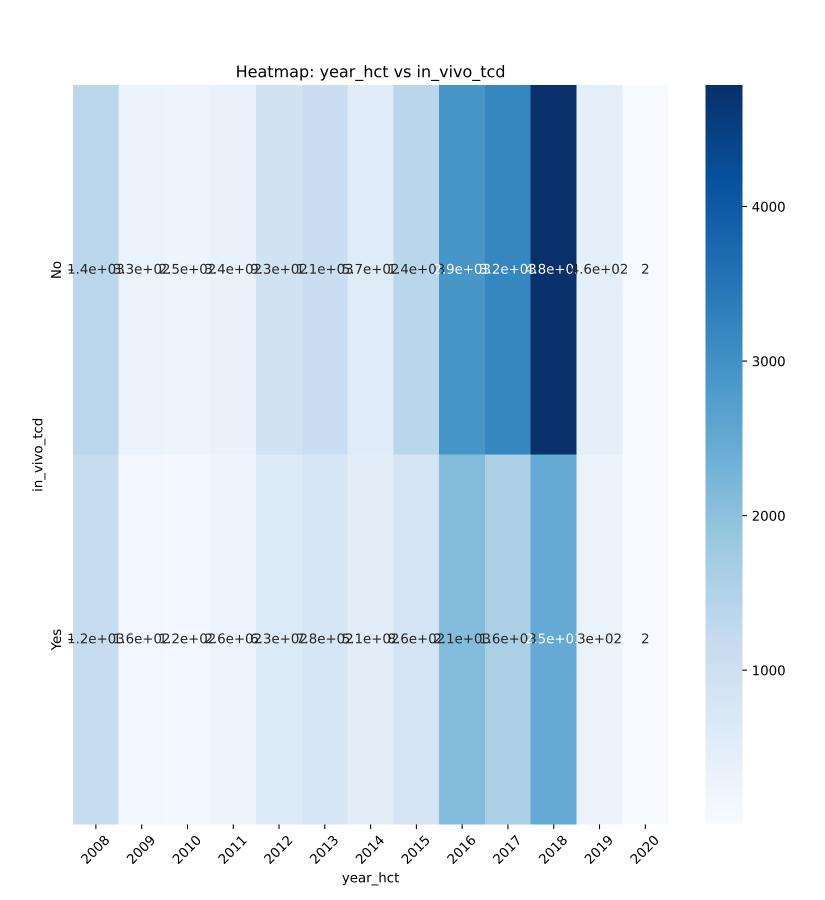


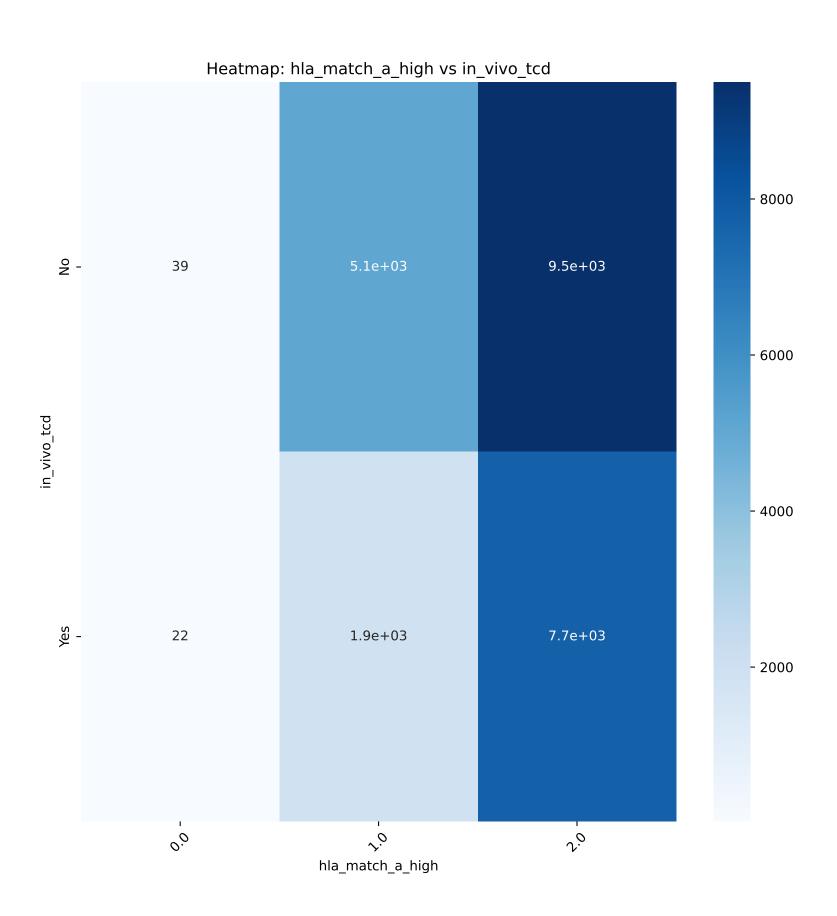


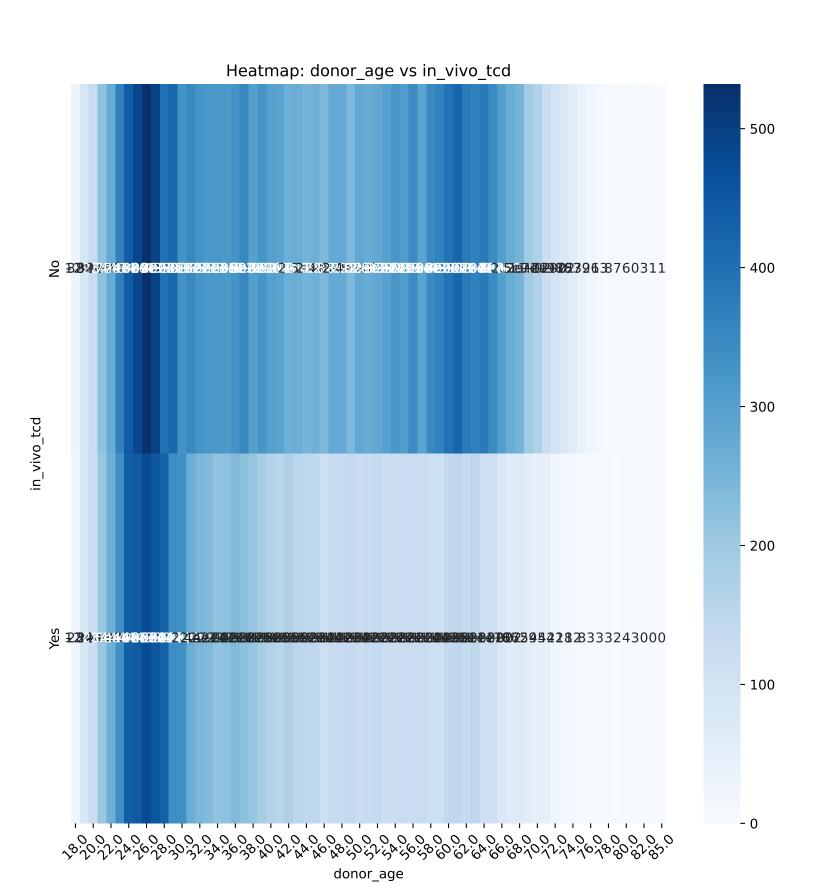


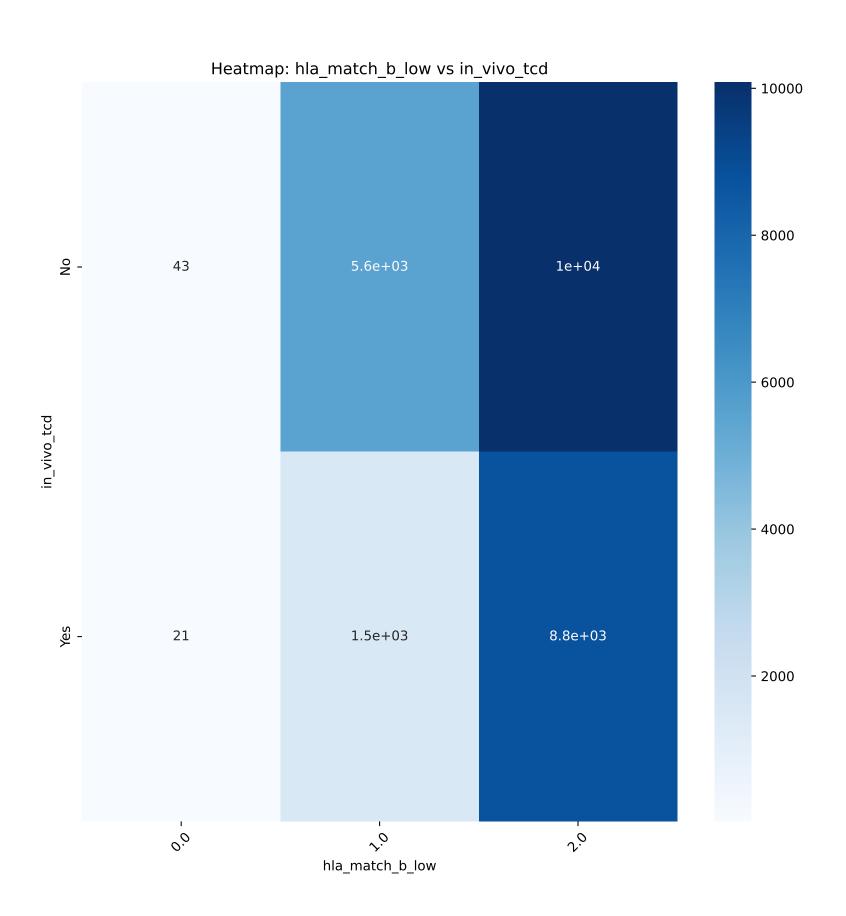




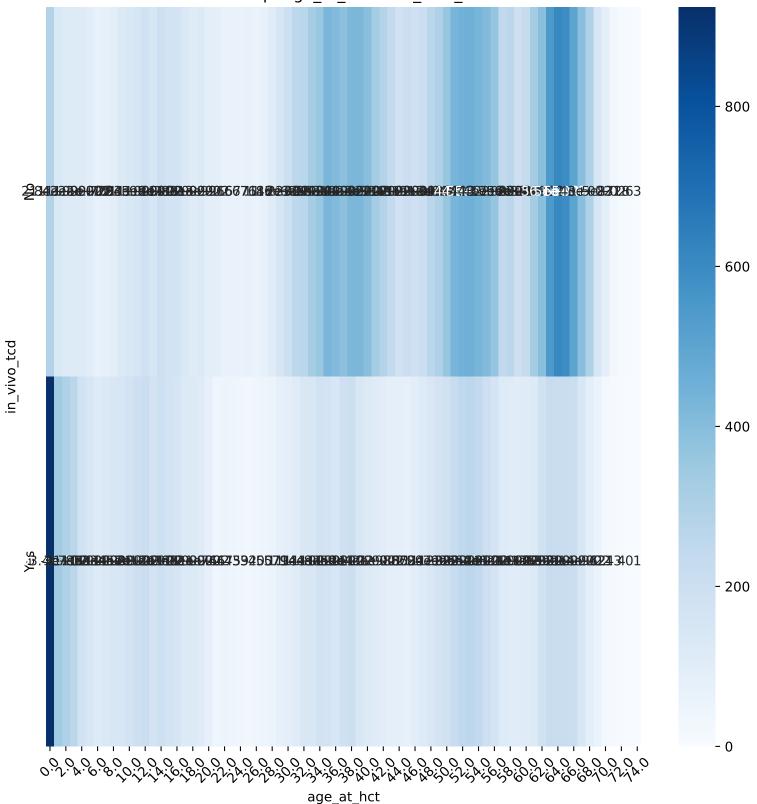


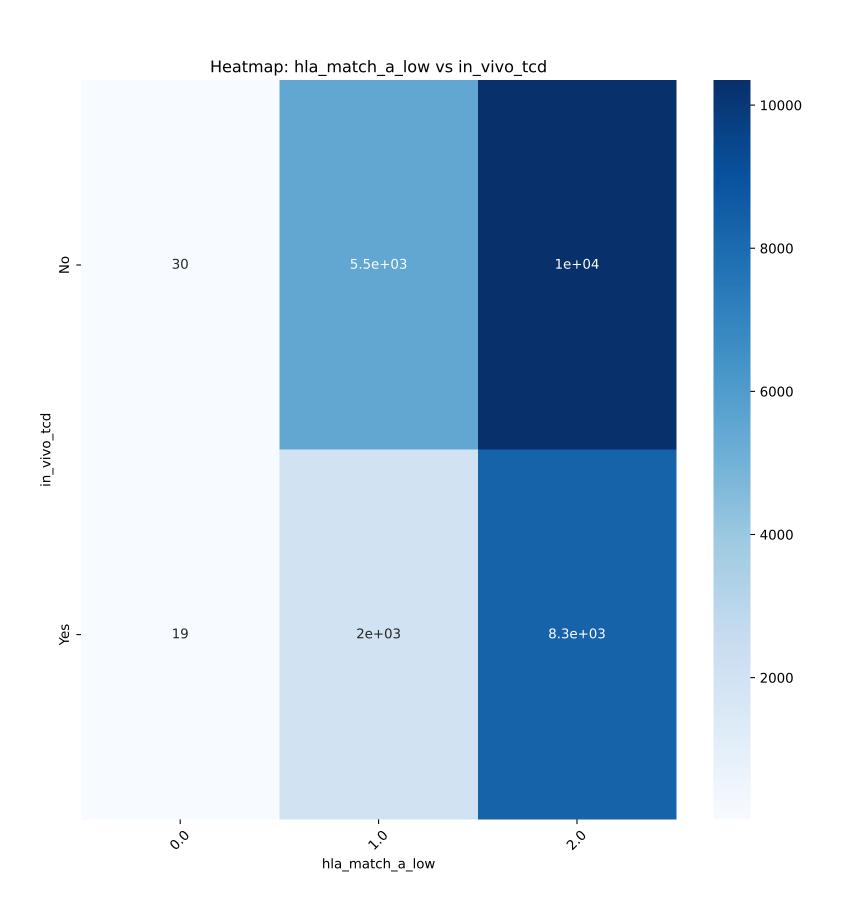


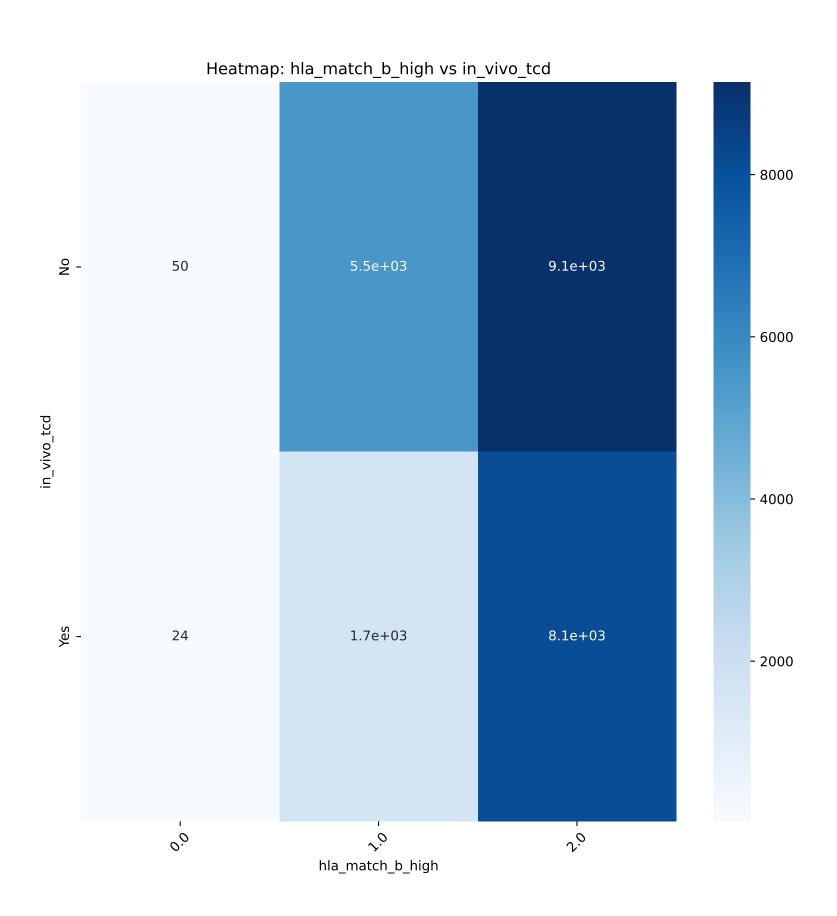


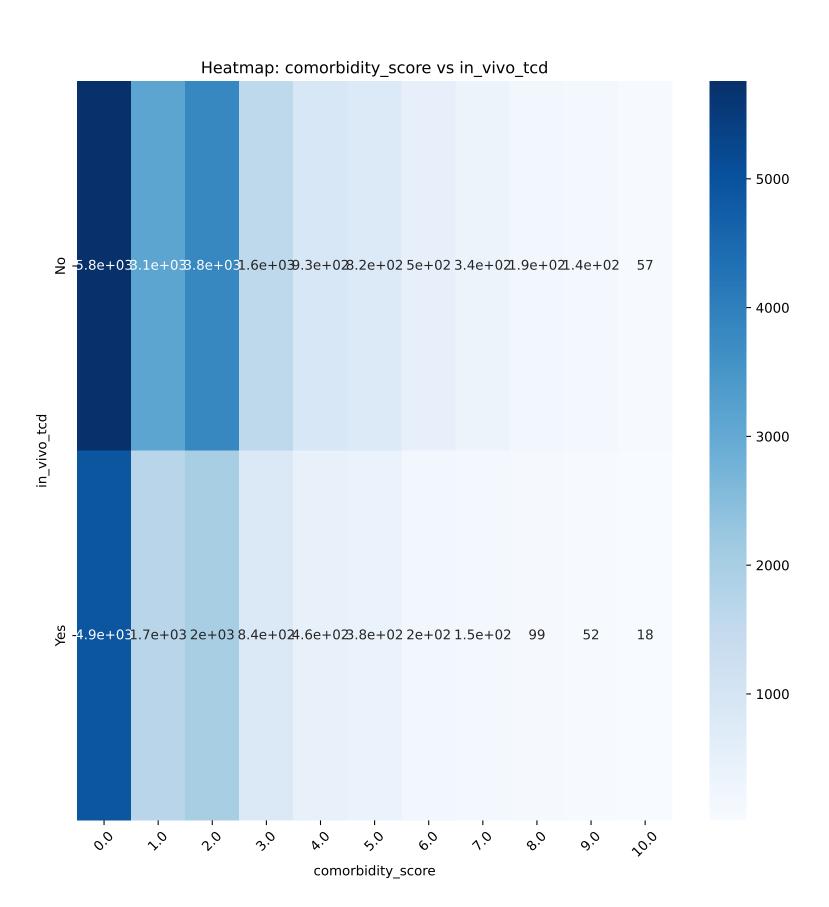


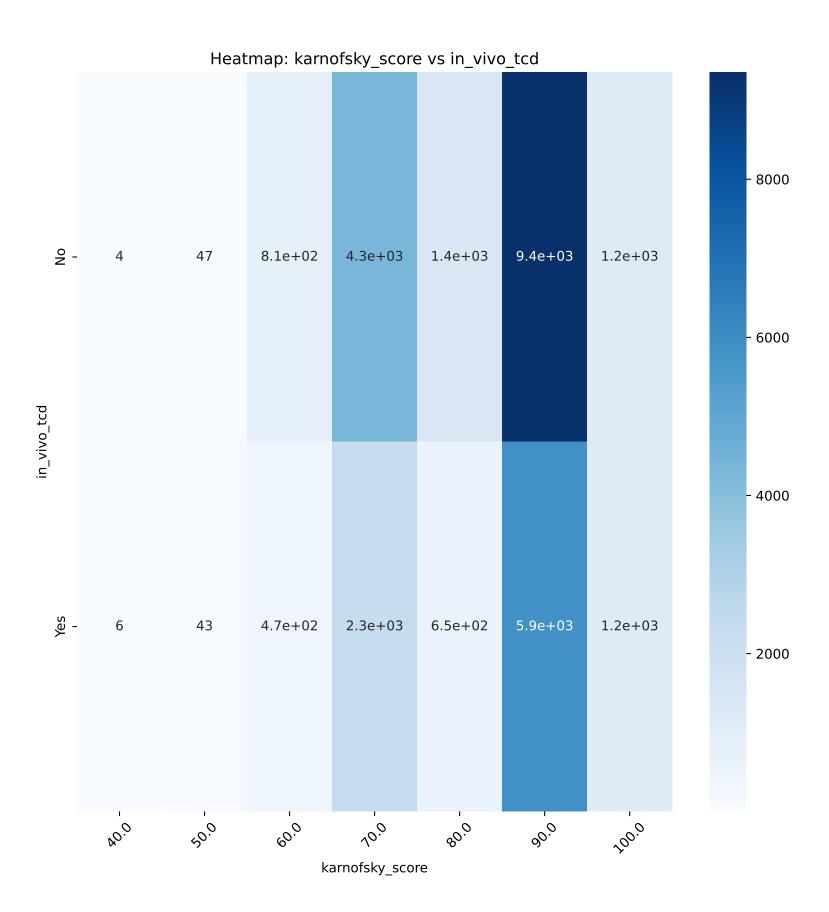
Heatmap: age\_at\_hct vs in\_vivo\_tcd

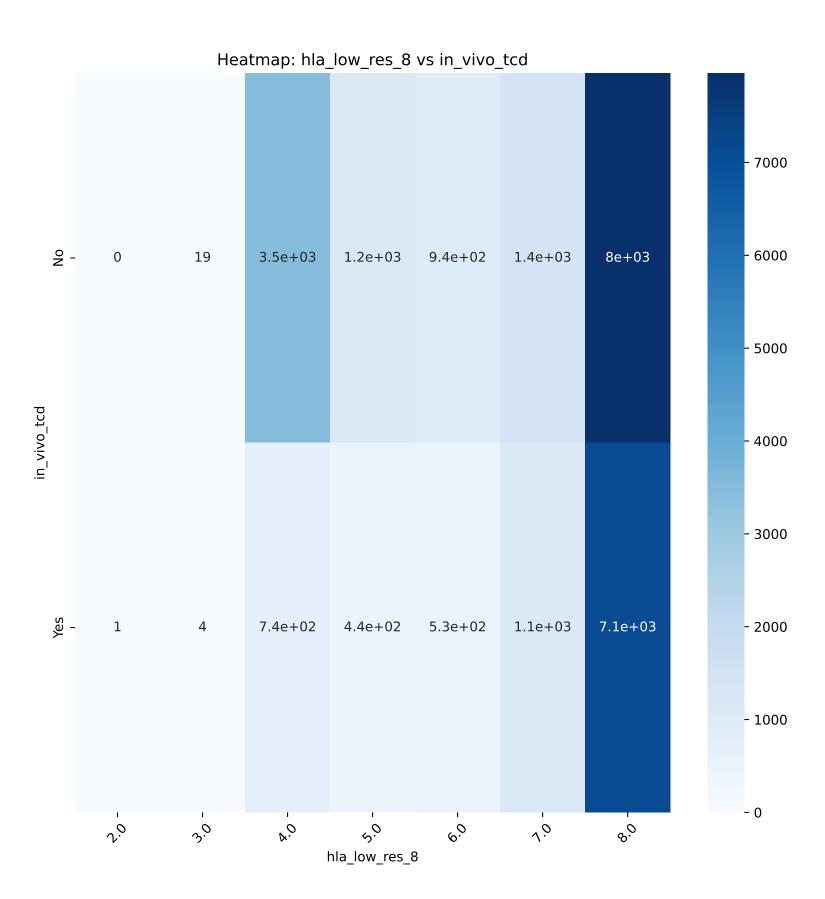


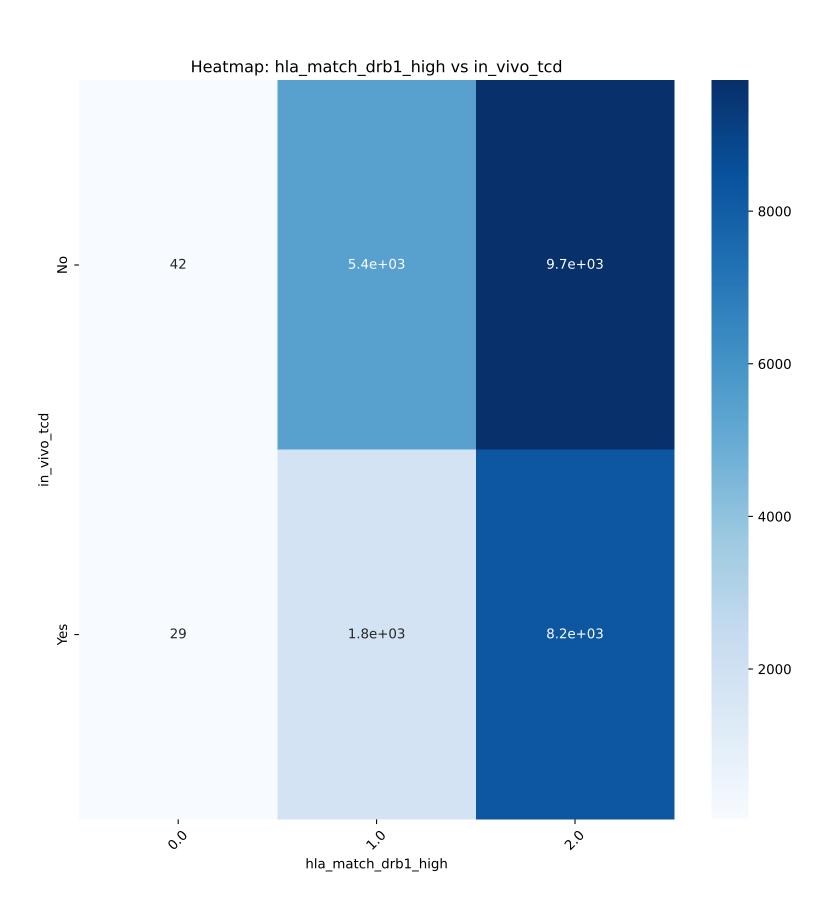


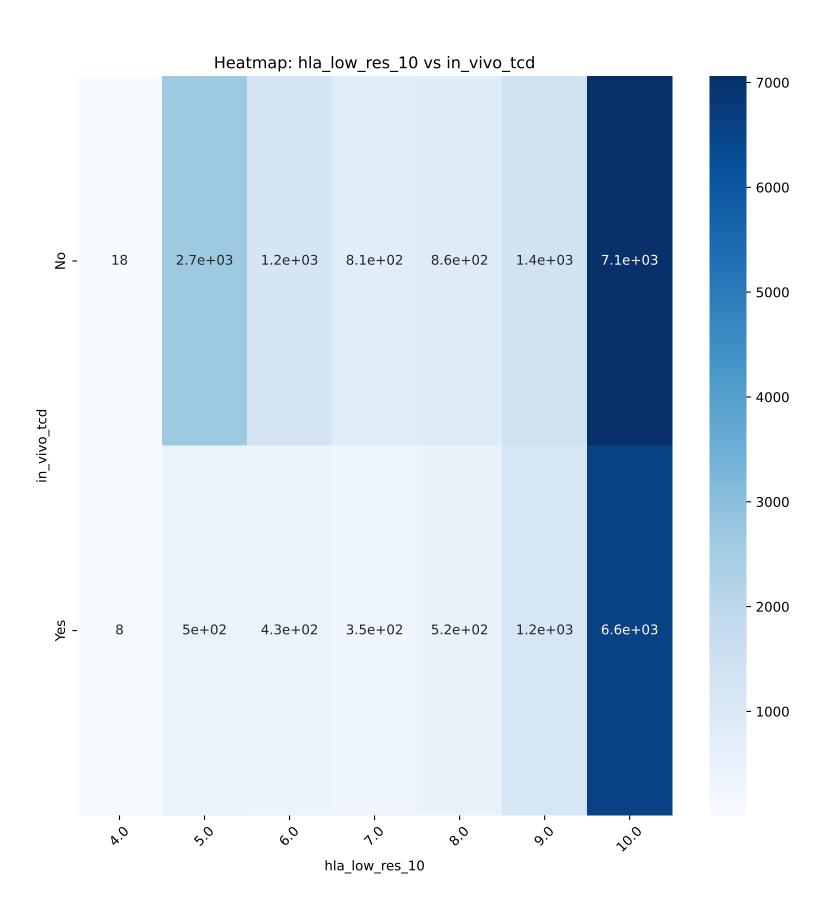


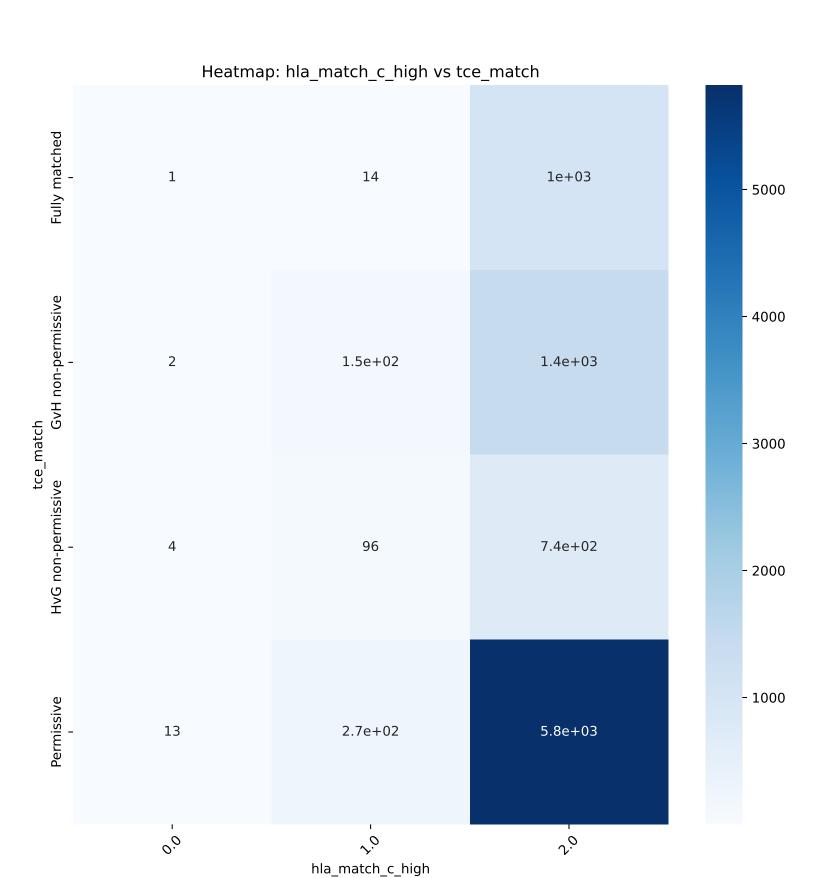




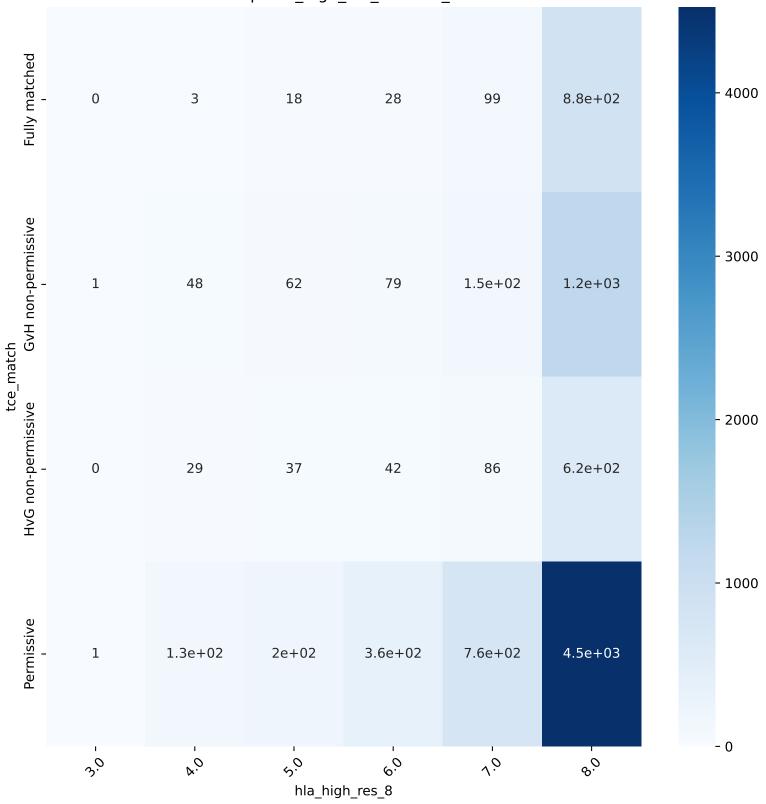




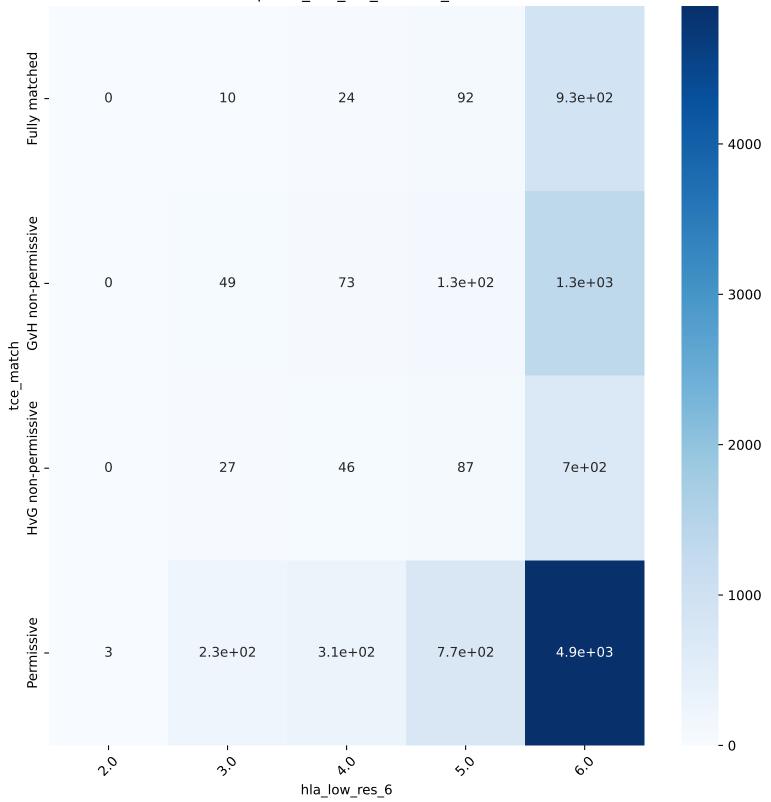




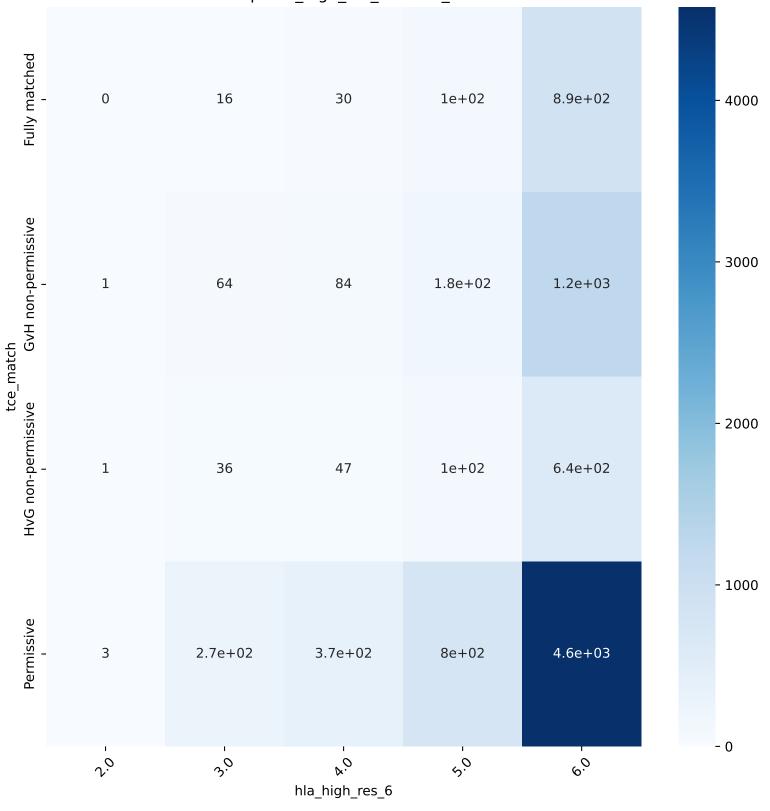
Heatmap: hla\_high\_res\_8 vs tce\_match



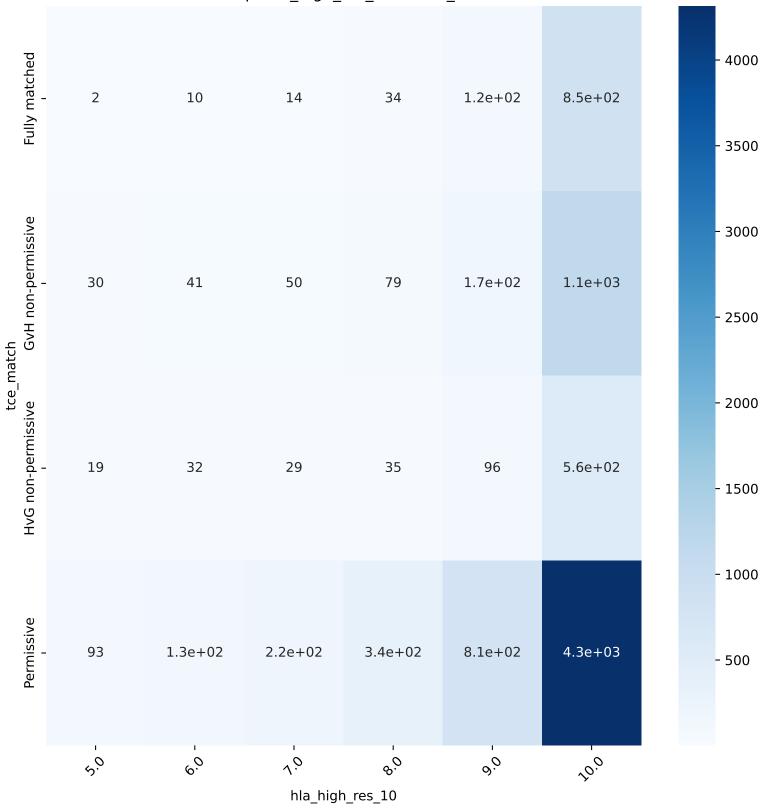
Heatmap: hla\_low\_res\_6 vs tce\_match

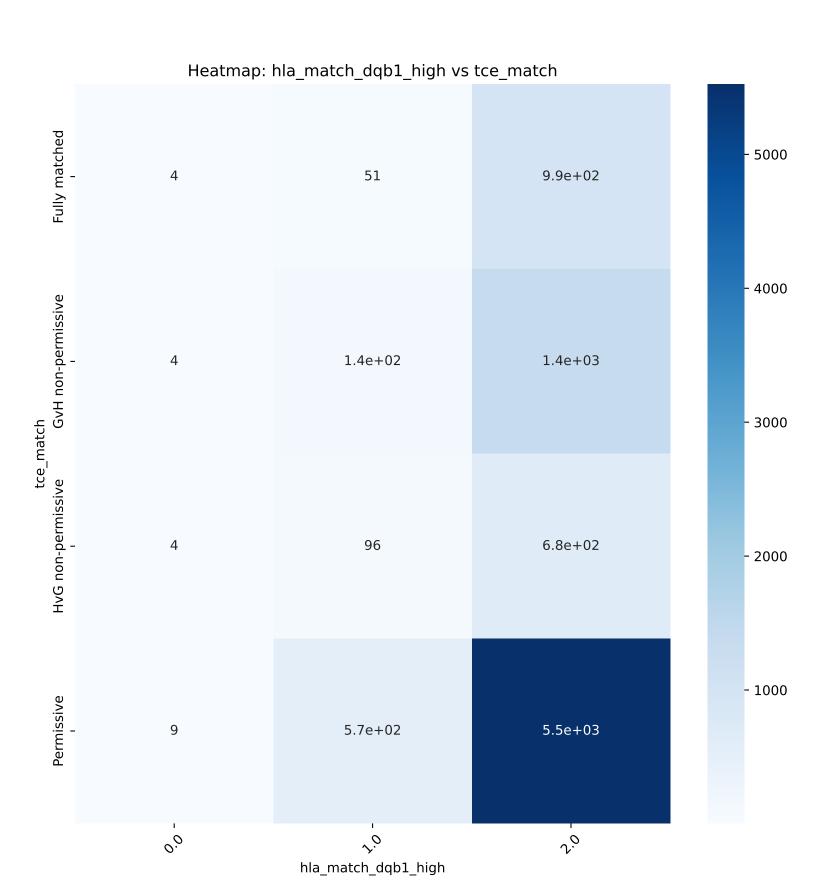


Heatmap: hla\_high\_res\_6 vs tce\_match

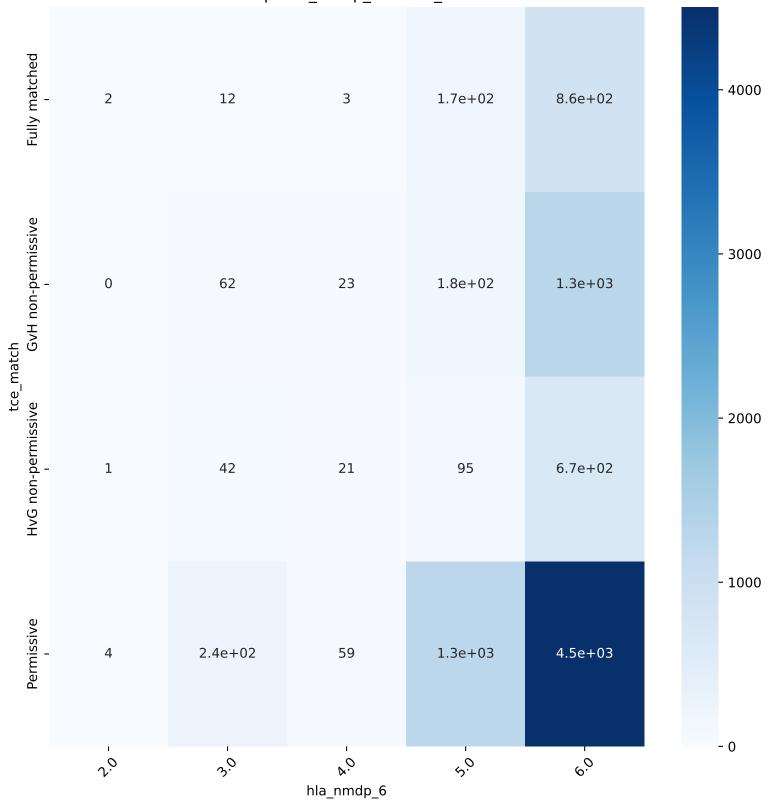


Heatmap: hla\_high\_res\_10 vs tce\_match

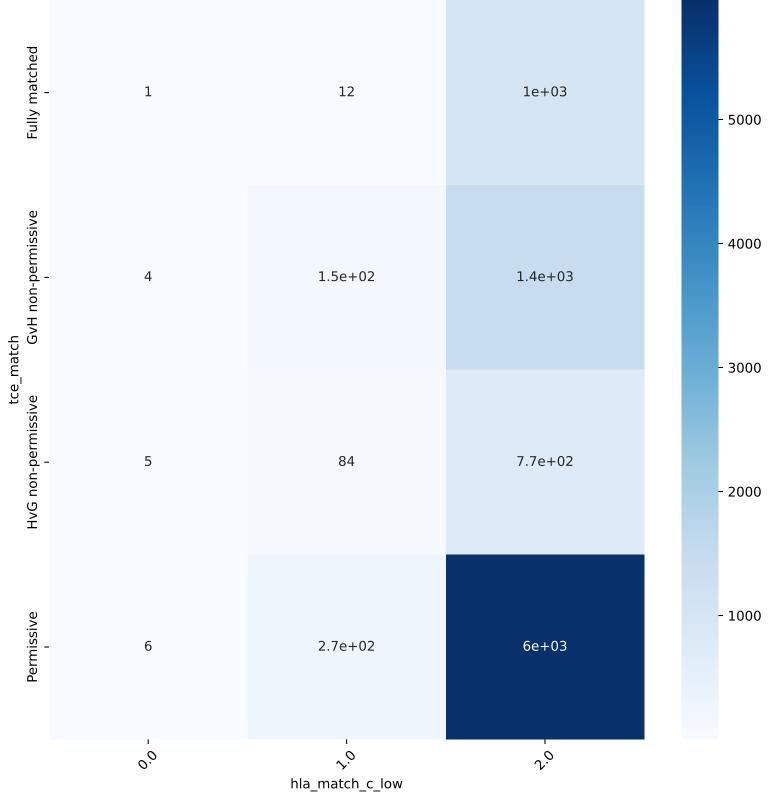


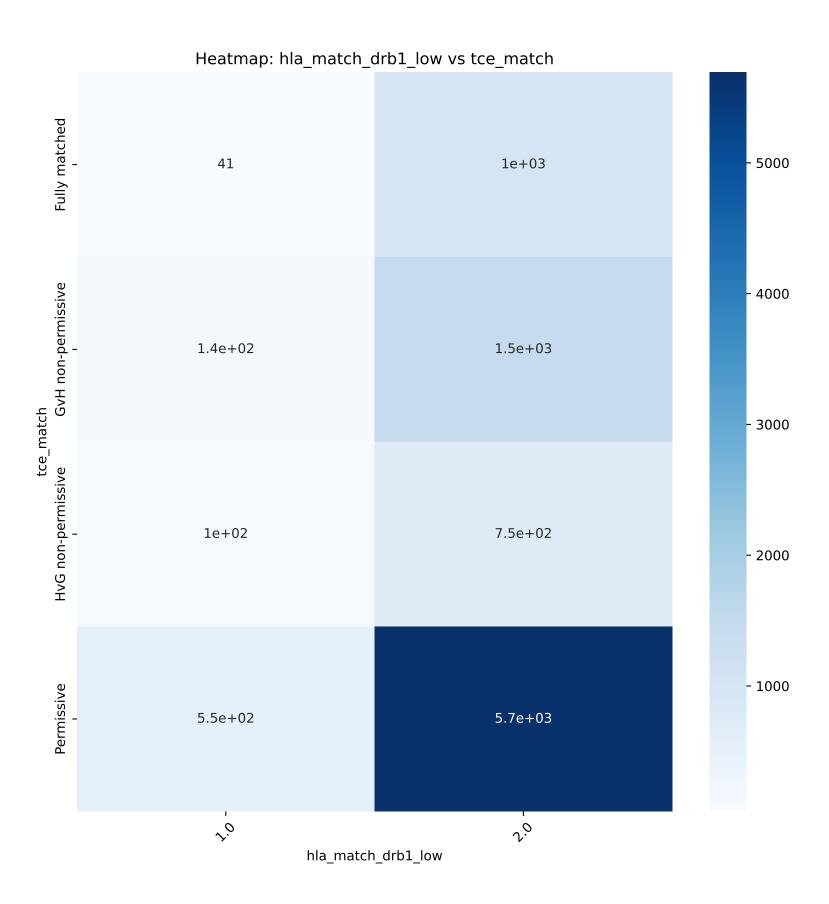


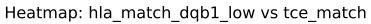
Heatmap: hla\_nmdp\_6 vs tce\_match

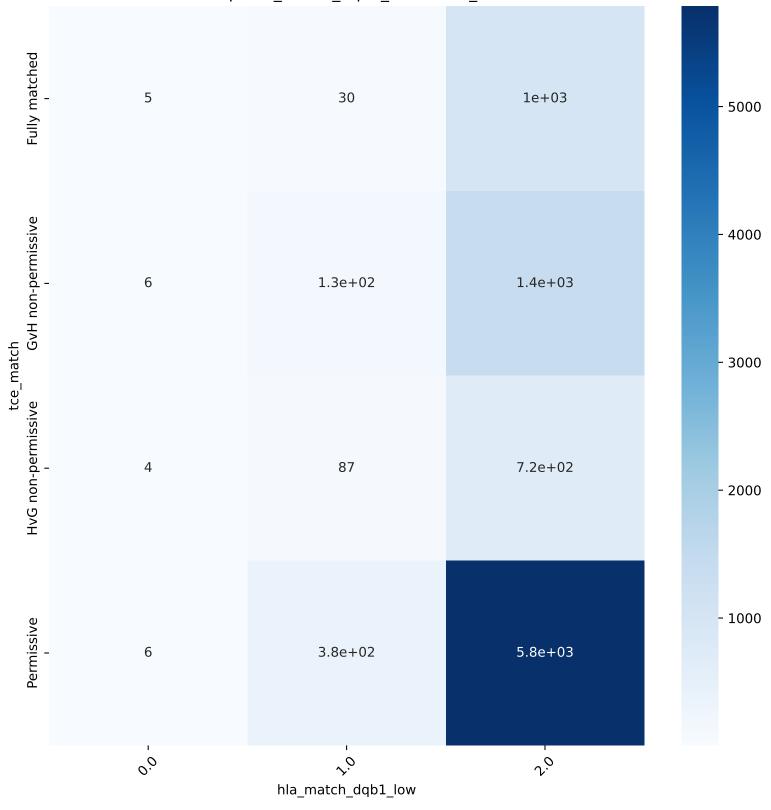


Heatmap: hla\_match\_c\_low vs tce\_match

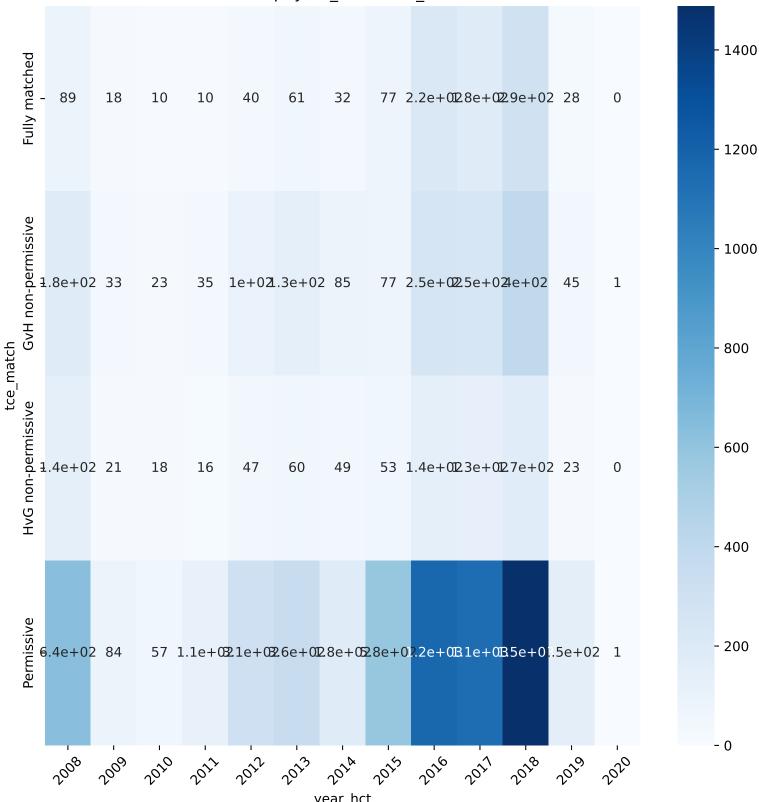


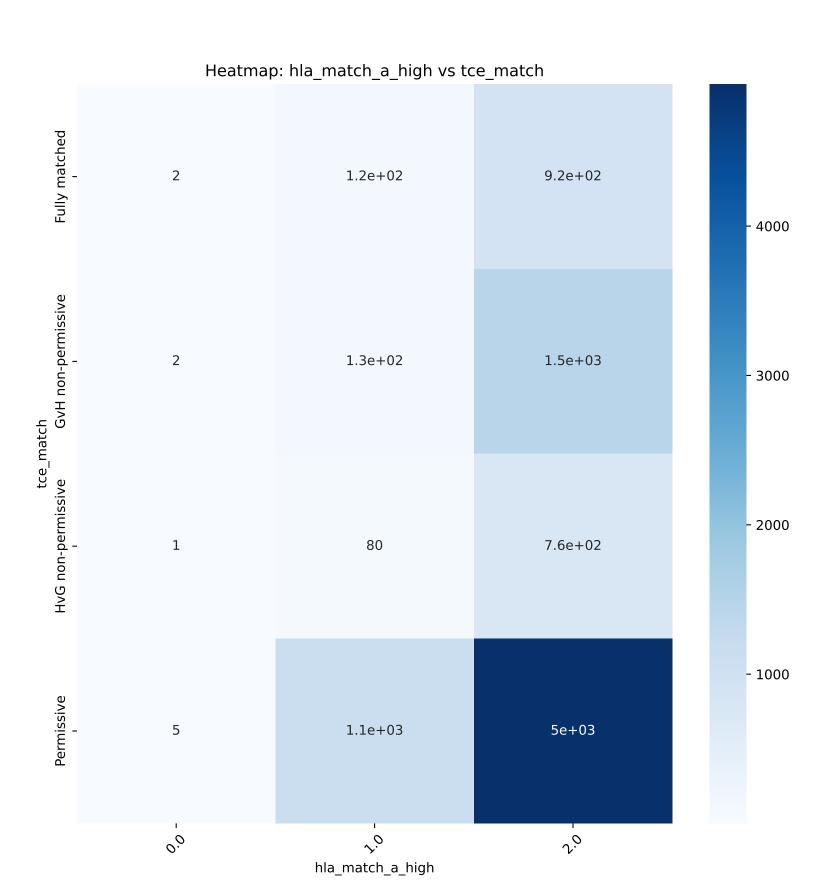




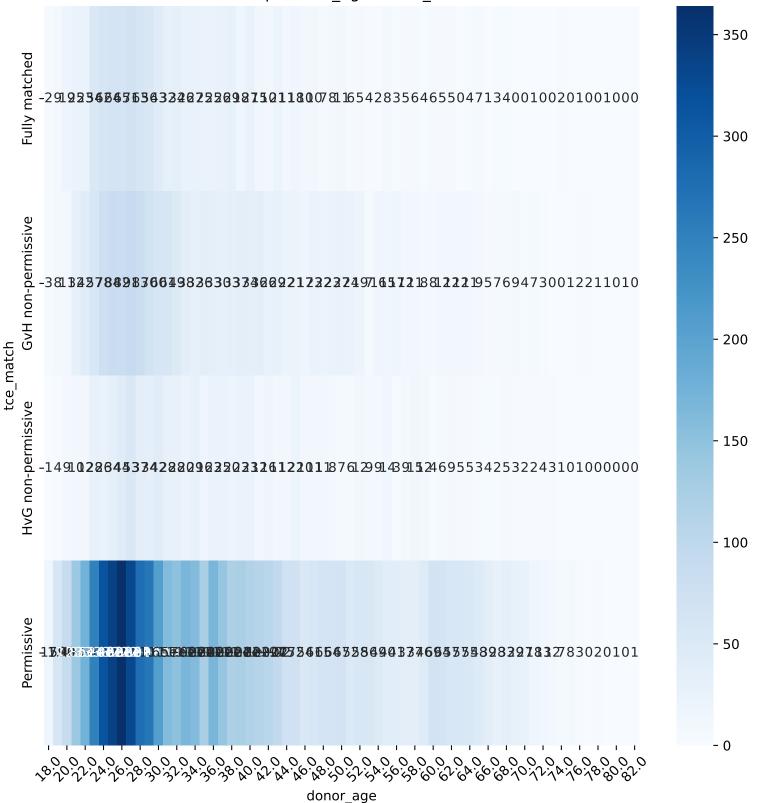


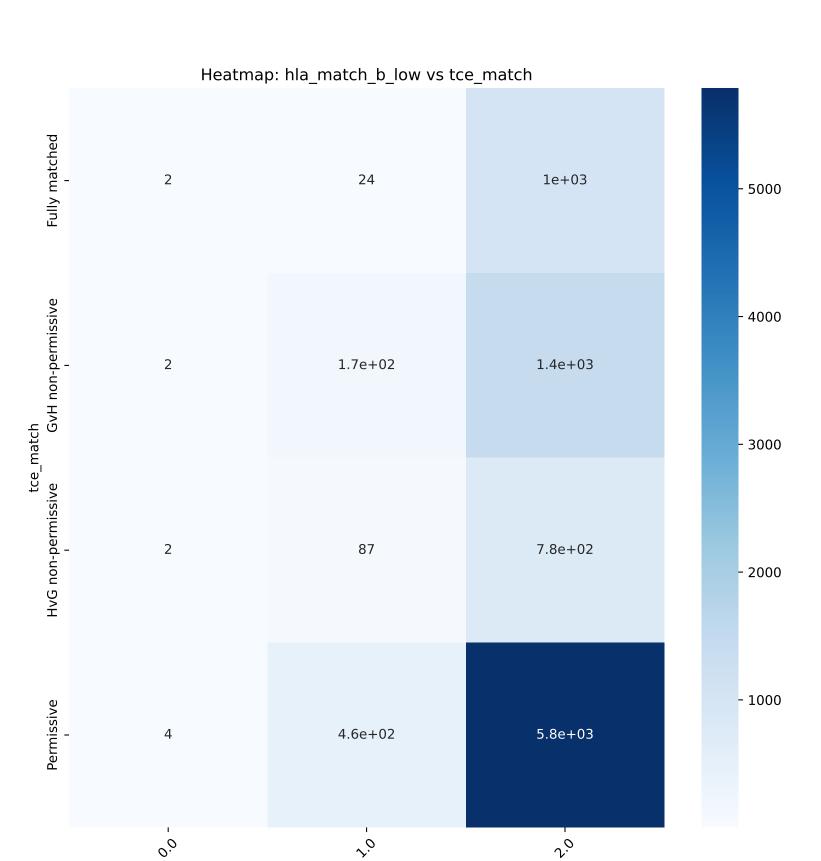
Heatmap: year\_hct vs tce\_match





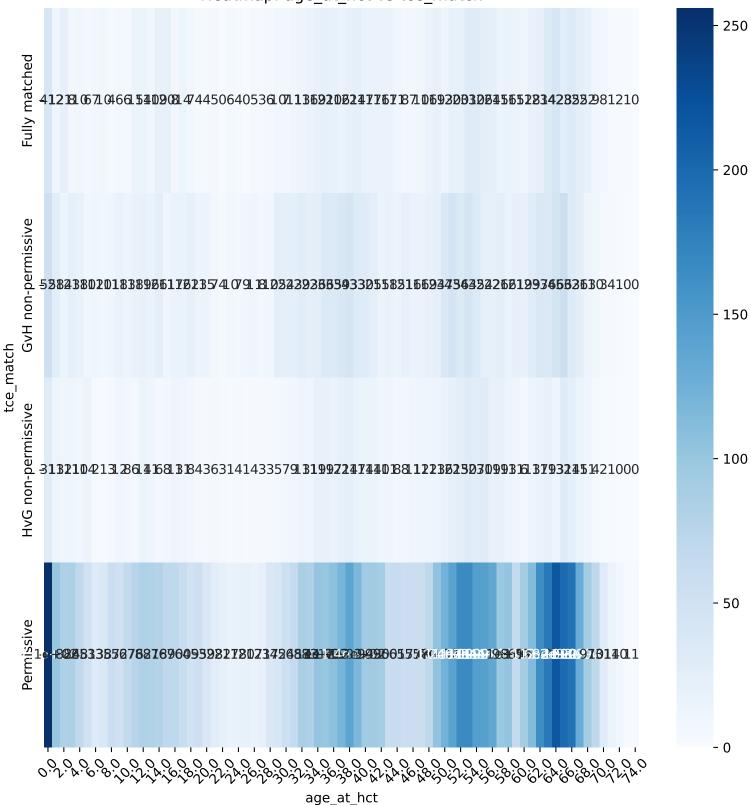
## Heatmap: donor\_age vs tce\_match

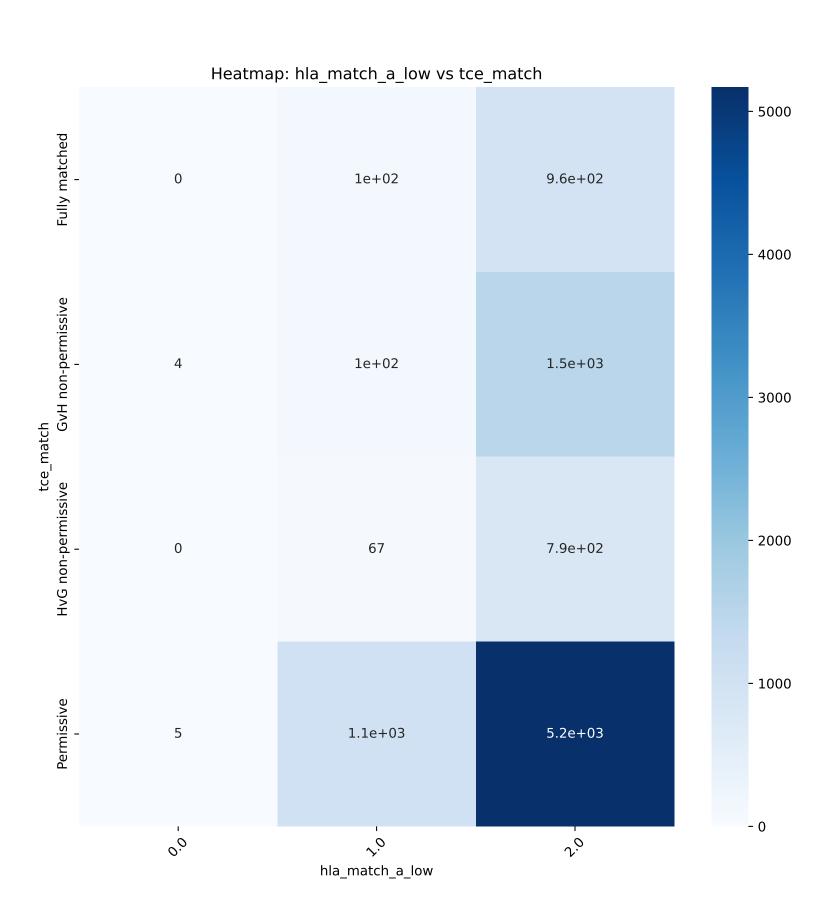


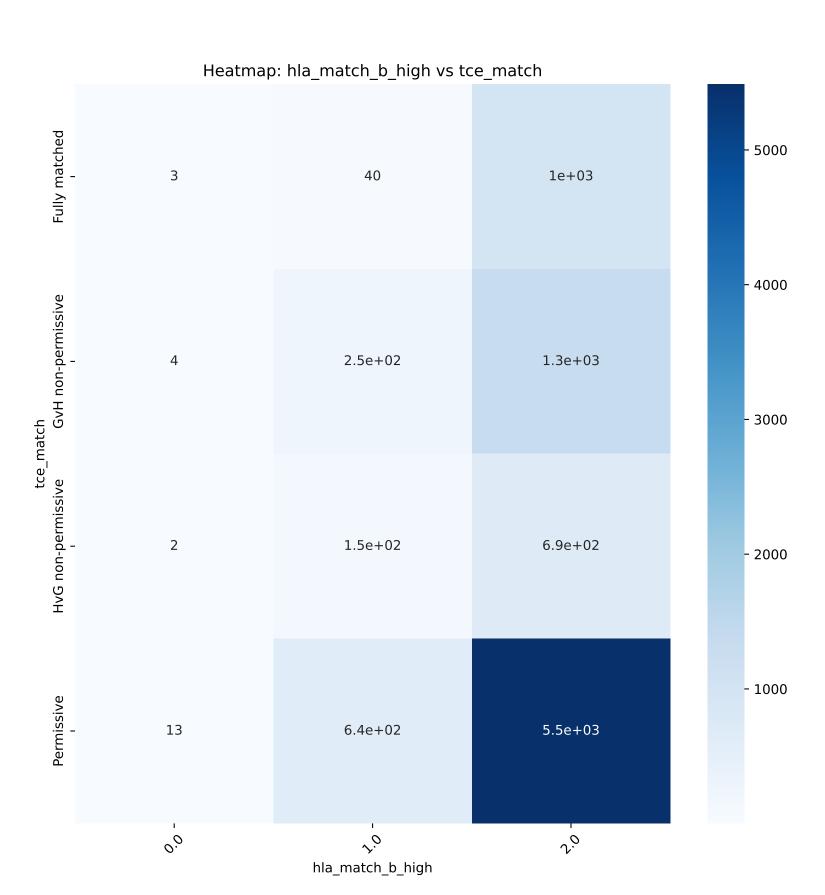


hla\_match\_b\_low

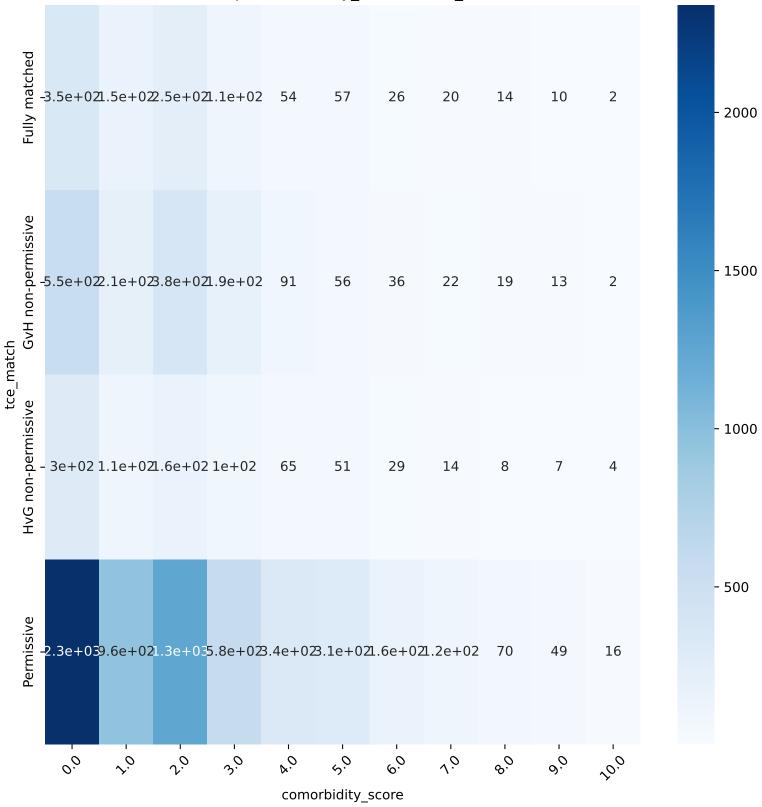
## Heatmap: age\_at\_hct vs tce\_match



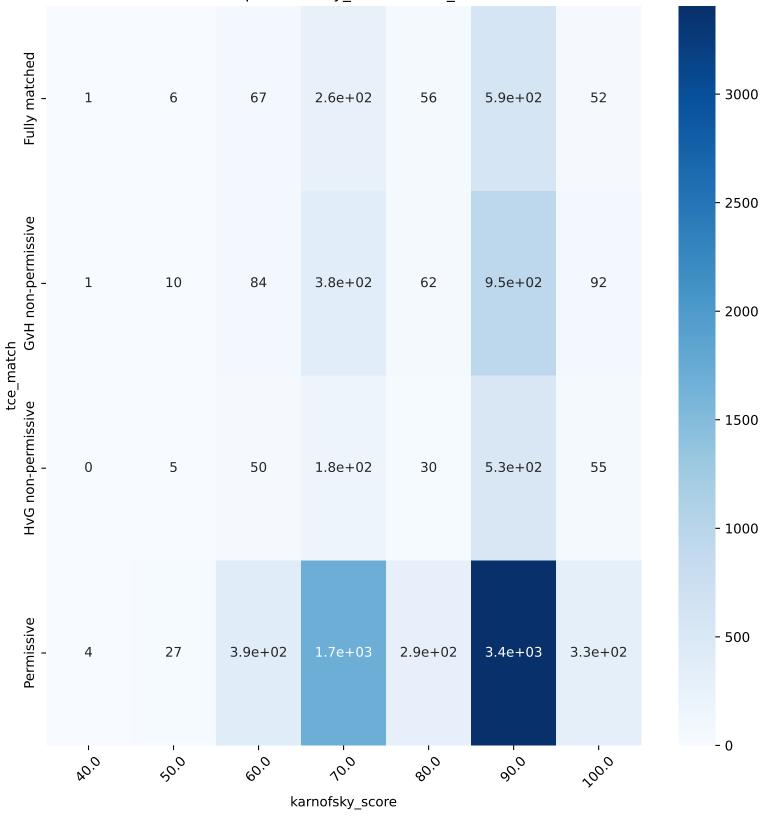




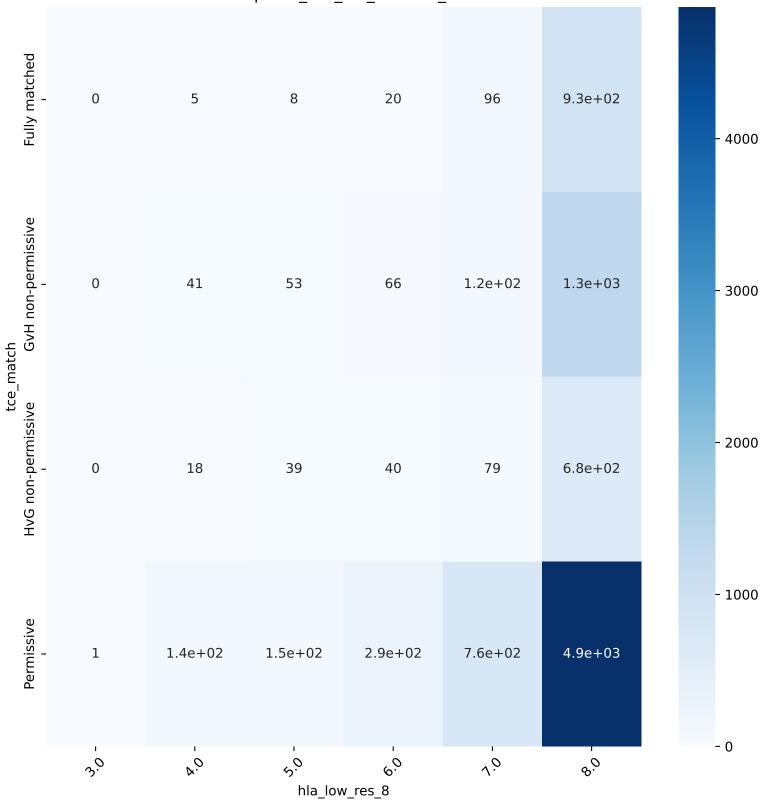
Heatmap: comorbidity\_score vs tce\_match

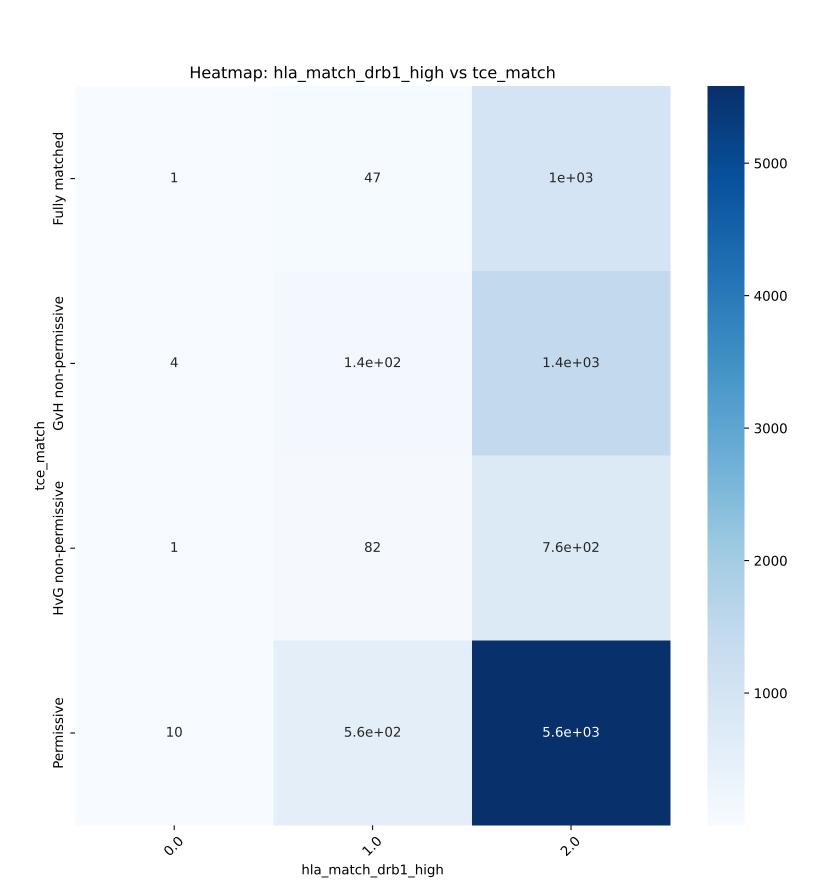


Heatmap: karnofsky\_score vs tce\_match

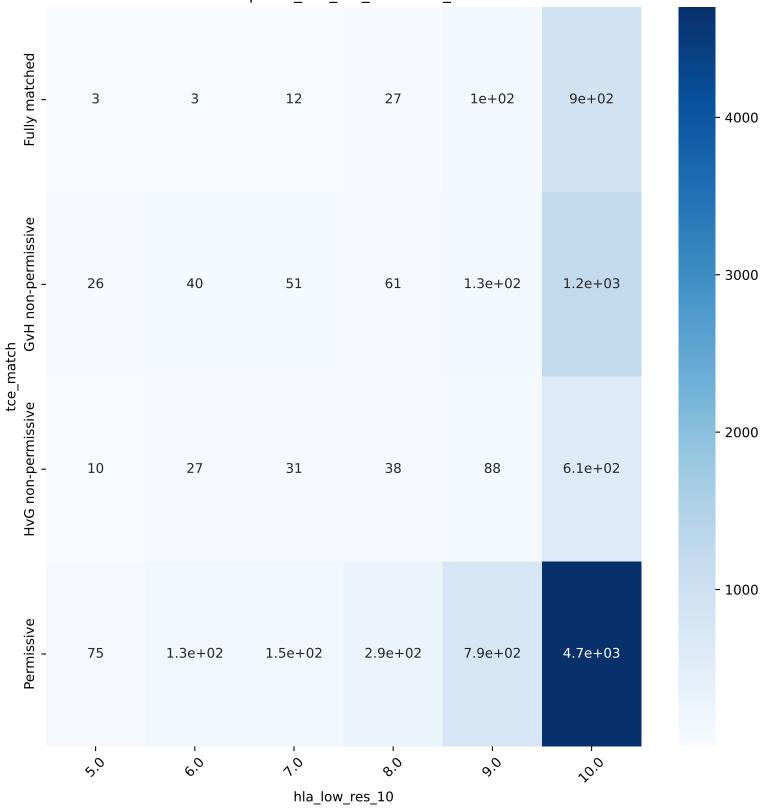


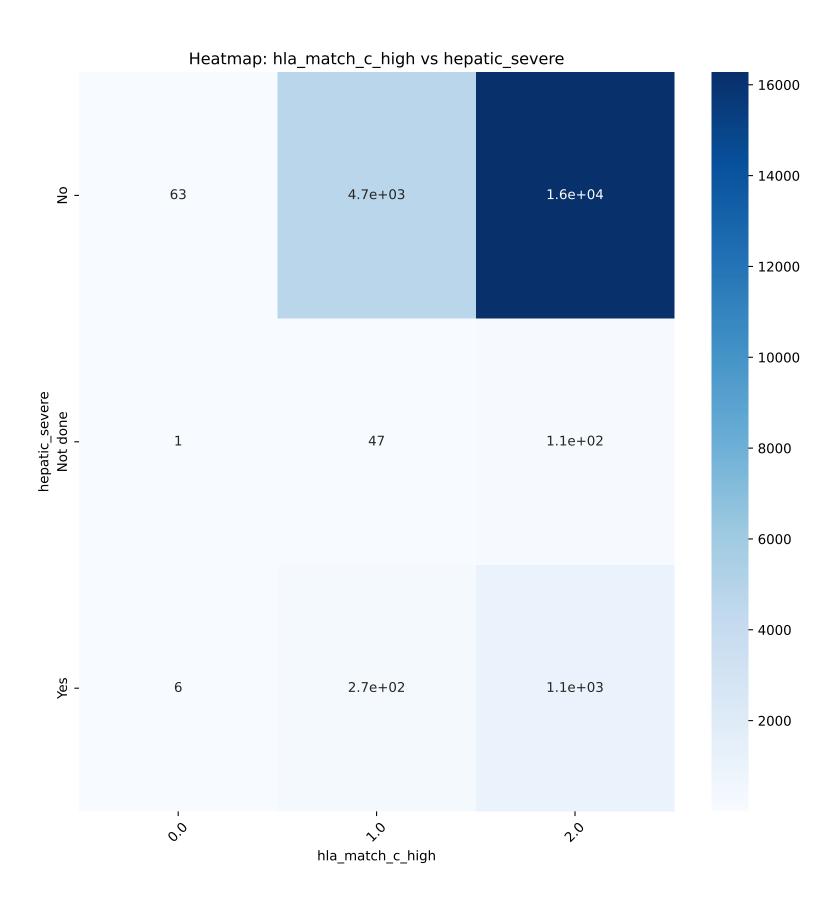
Heatmap: hla\_low\_res\_8 vs tce\_match

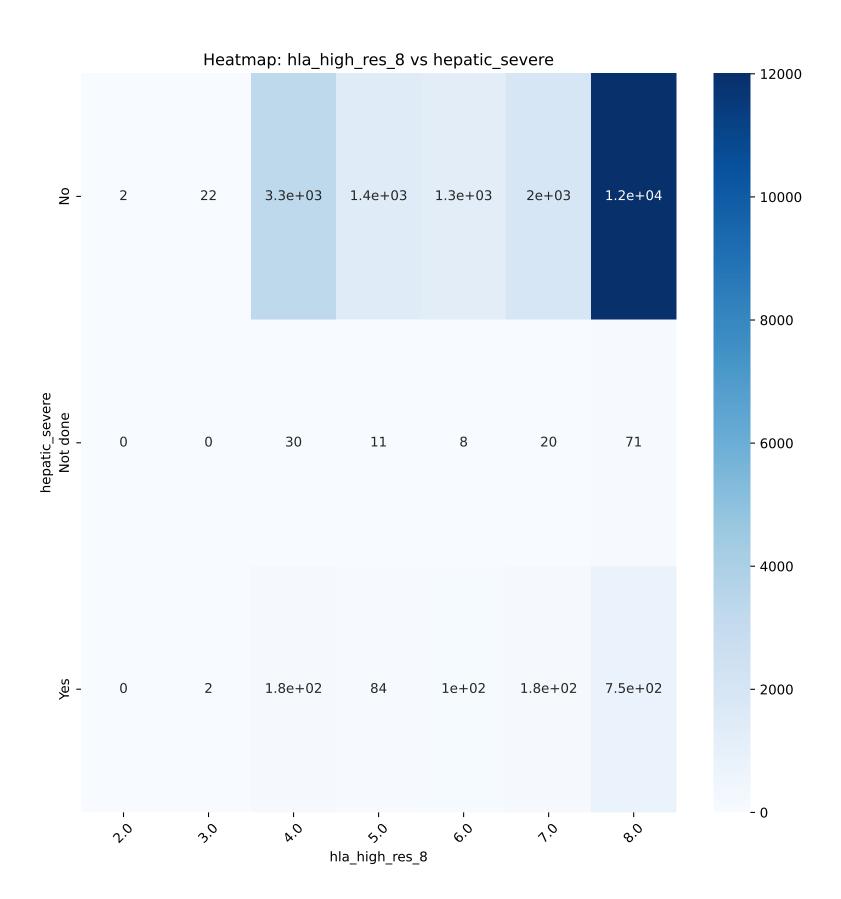


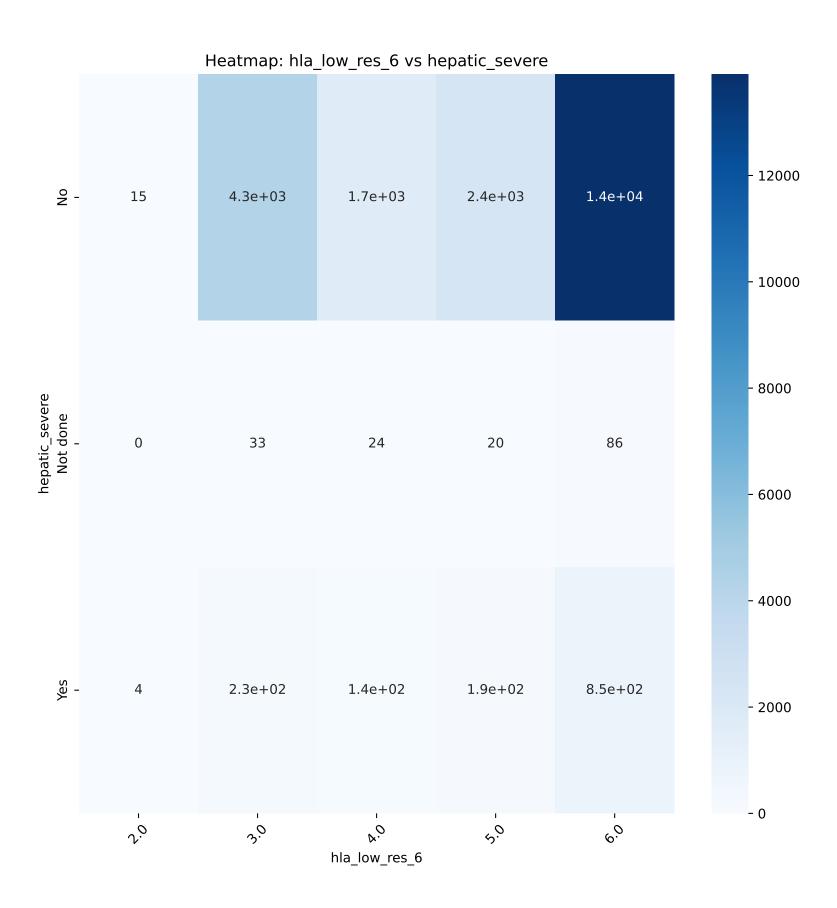


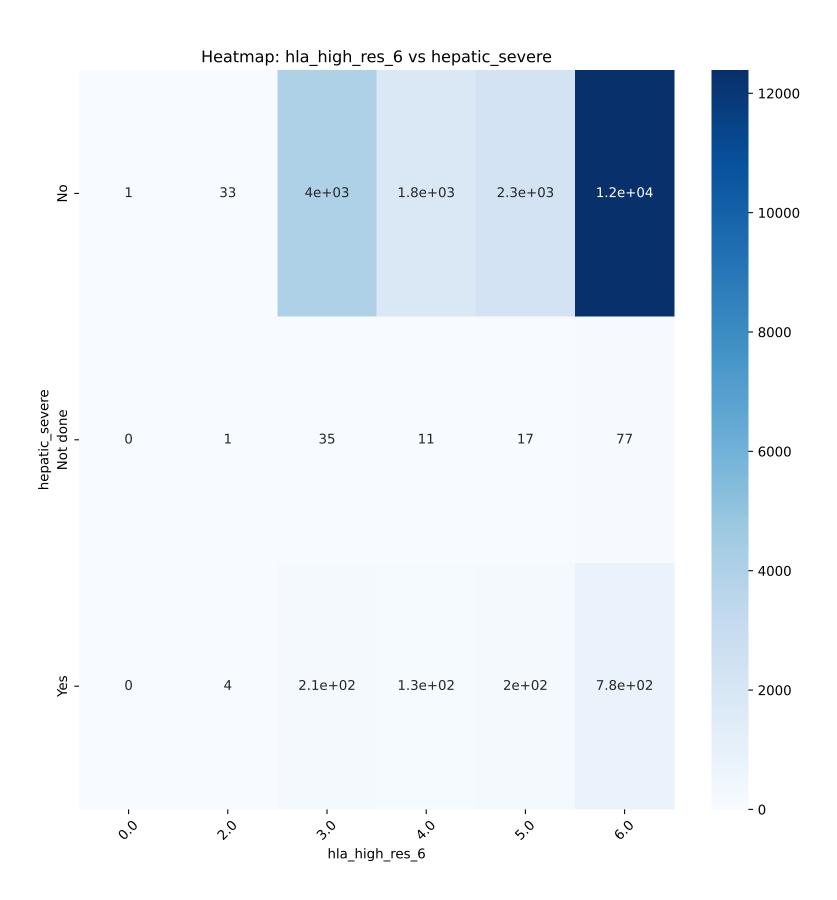
Heatmap: hla\_low\_res\_10 vs tce\_match





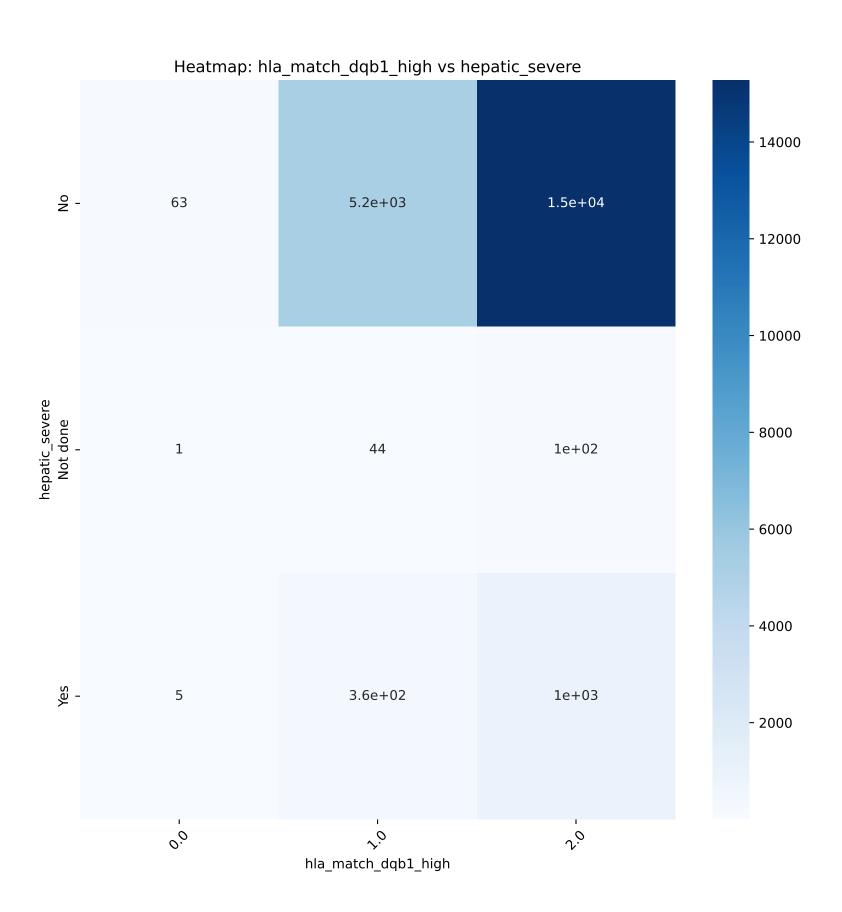


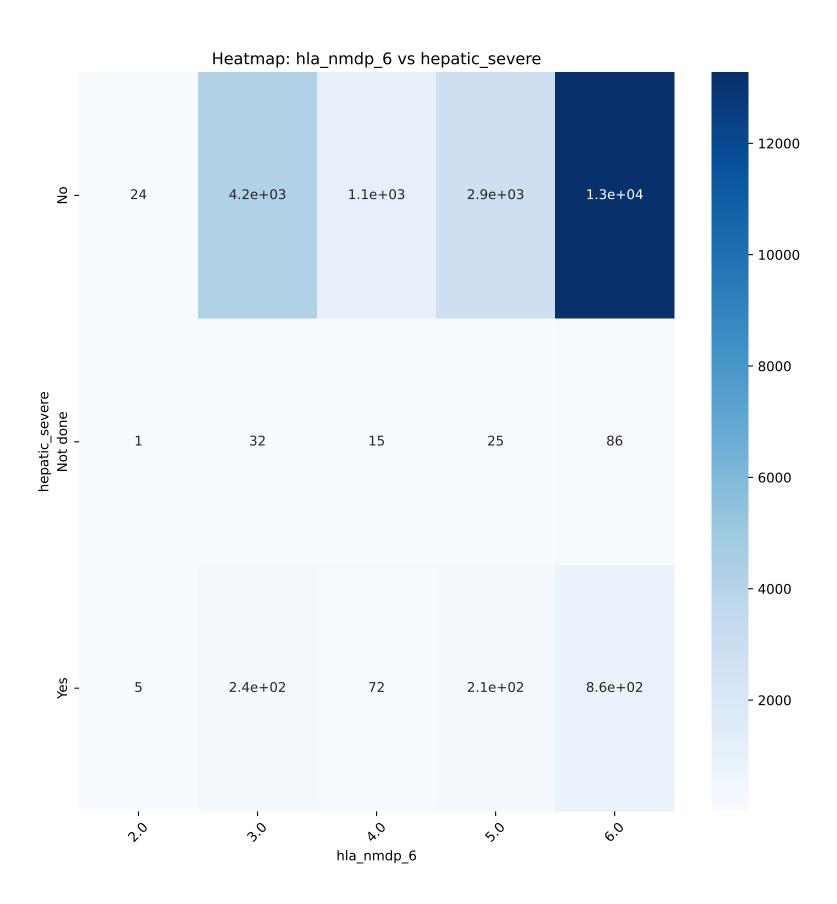


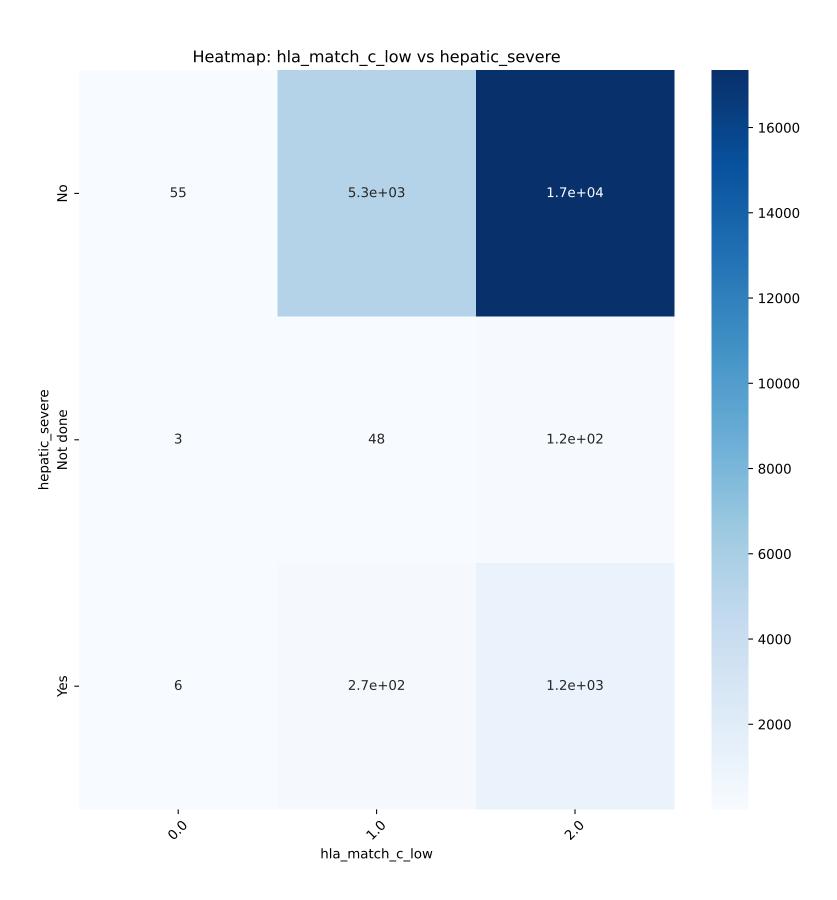


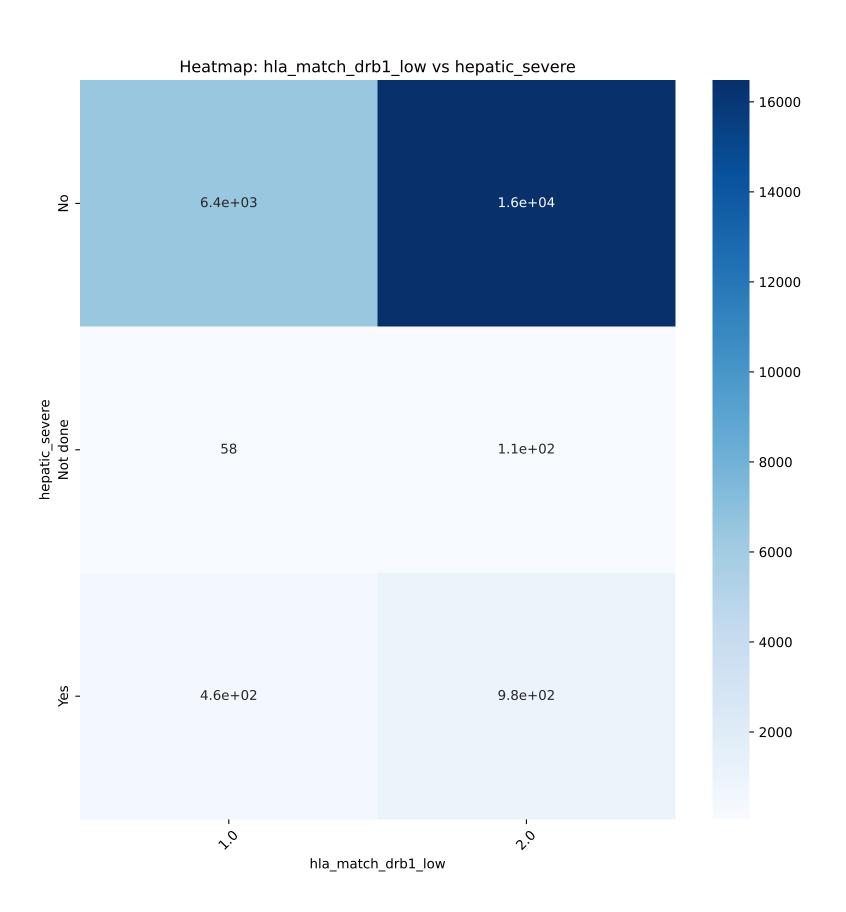
Heatmap: hla\_high\_res\_10 vs hepatic\_severe - 10000 ဍိ -1 19 2.8e+03 1.2e+03 1e+03 1.1e+03 2e+03 1.1e+04 8000 hepatic\_severe Not done 6000 0 21 13 6 0 11 12 63 - 4000 - 2000 Yes -2 1.5e+02 70 69 95 1.9e+02 6.8e+02 - 0 8.0 °. \$. -10

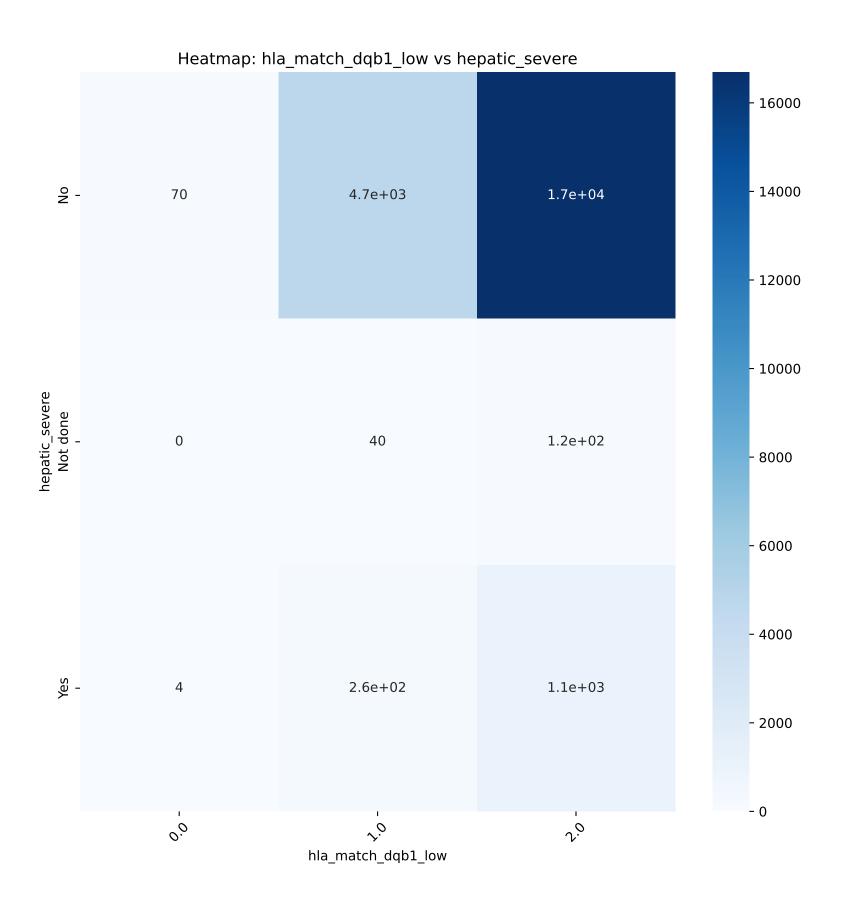
hla\_high\_res\_10

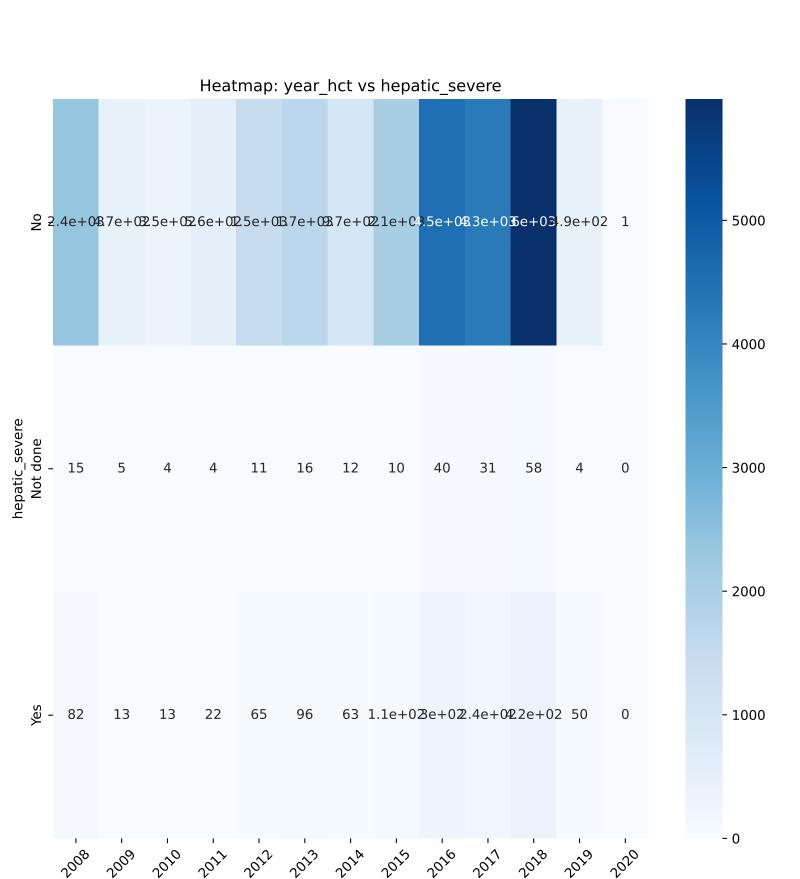


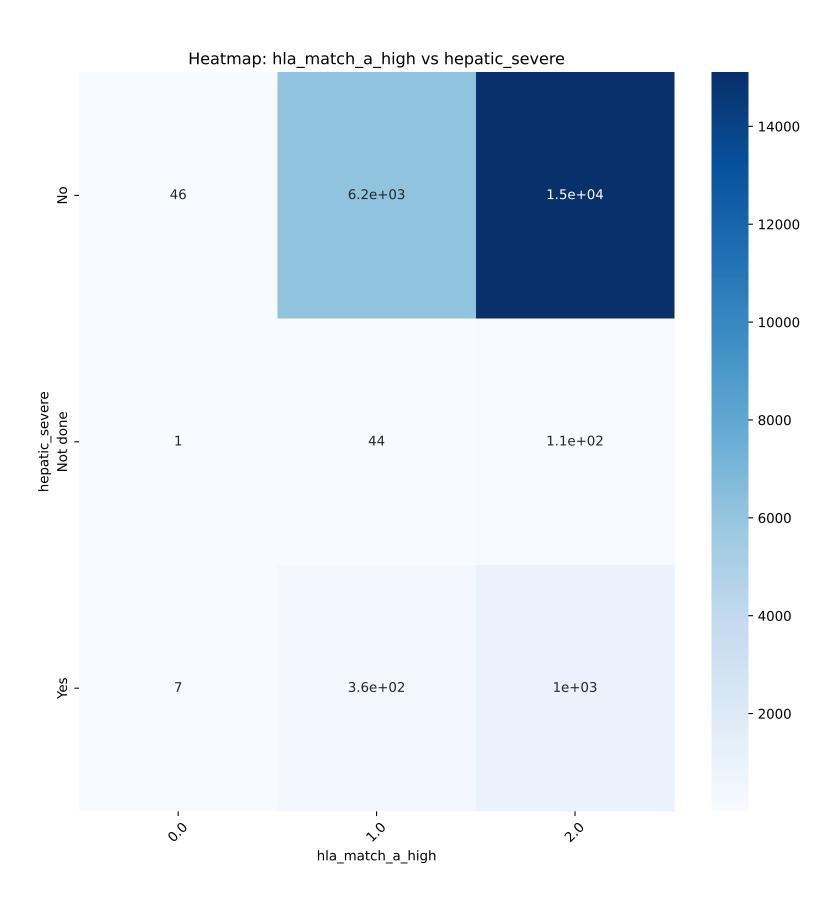




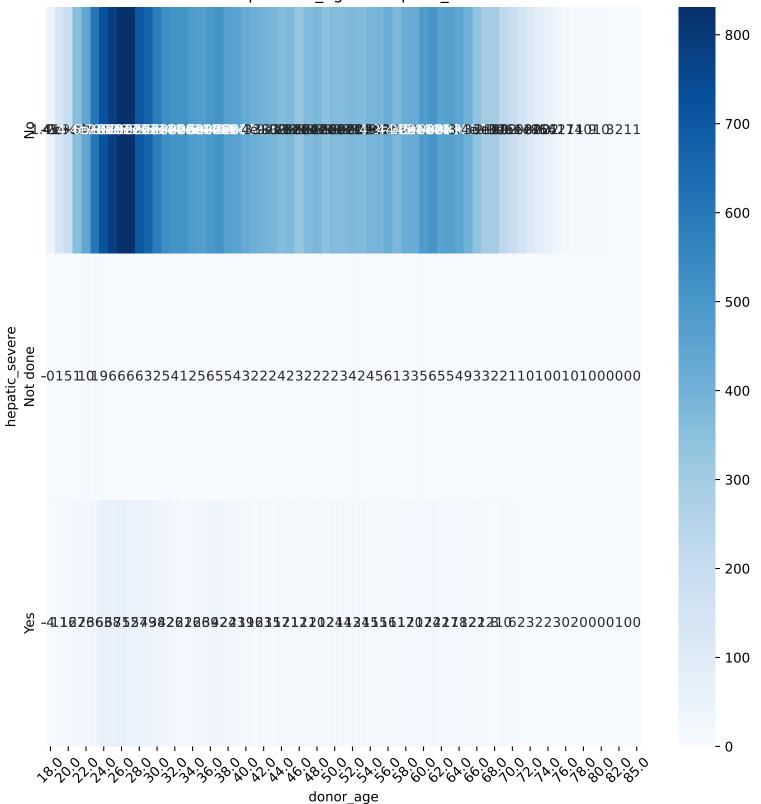


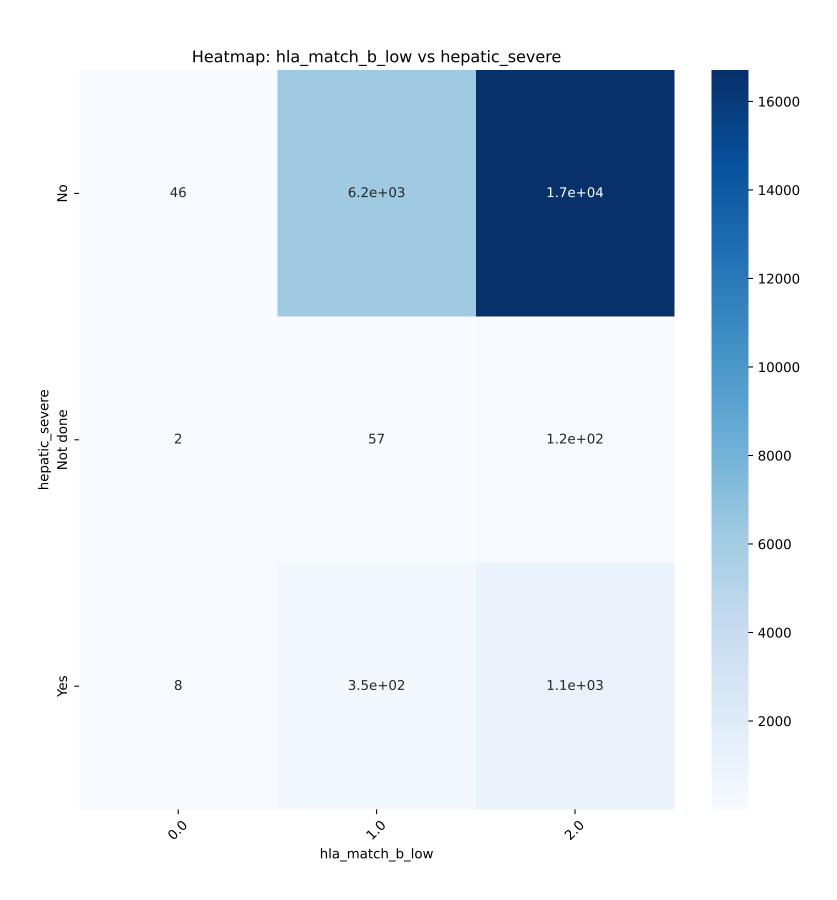


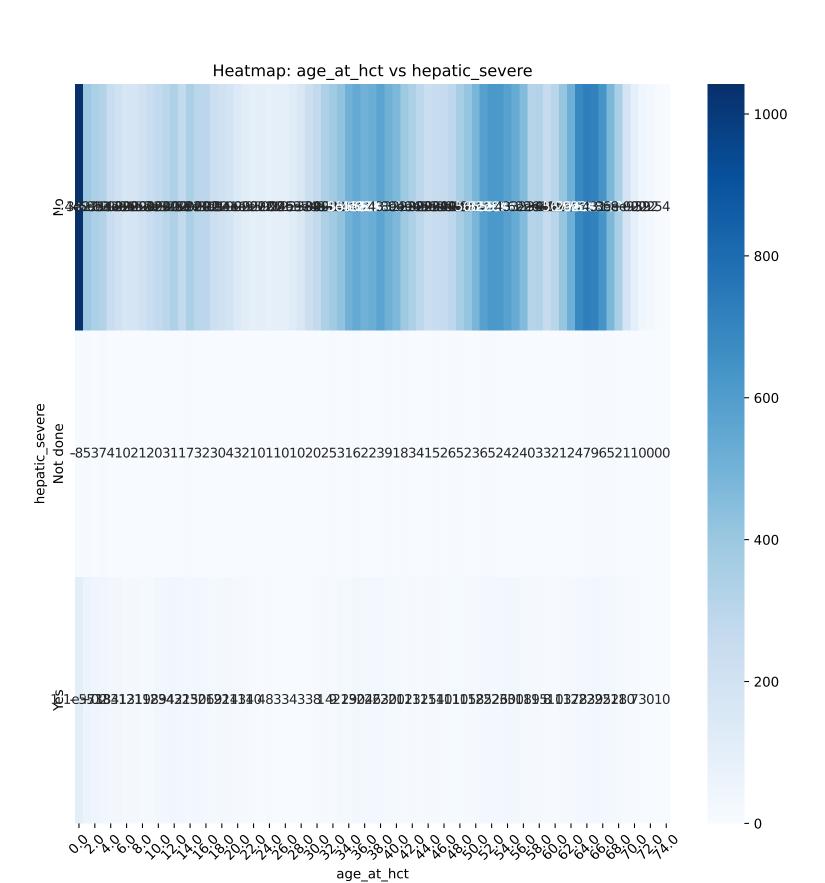


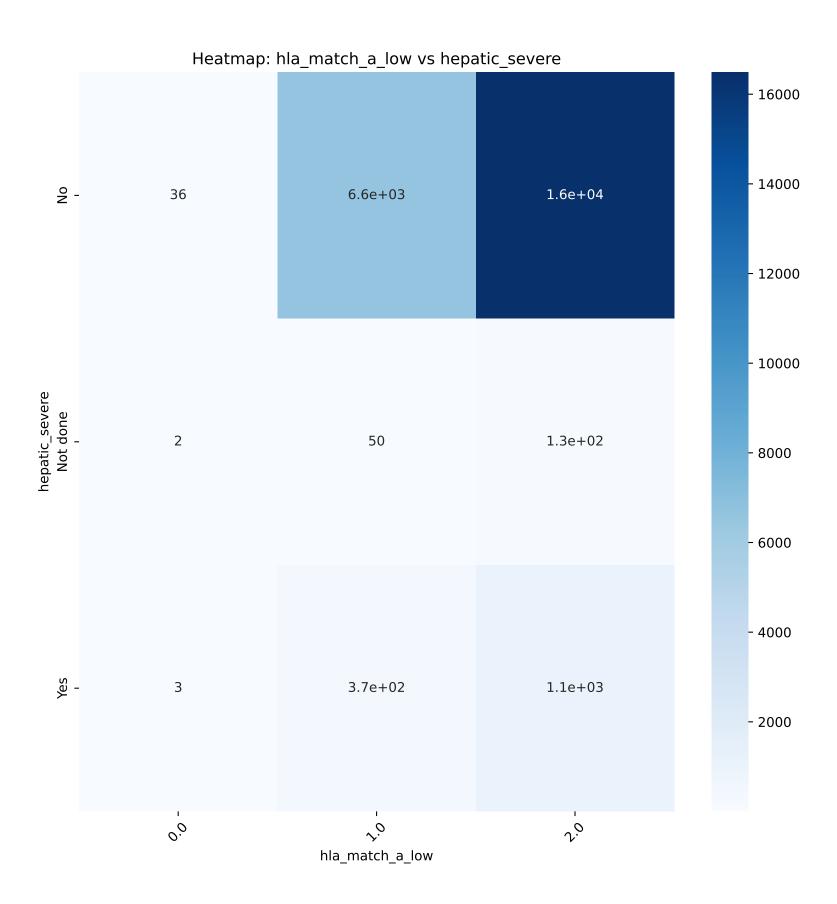


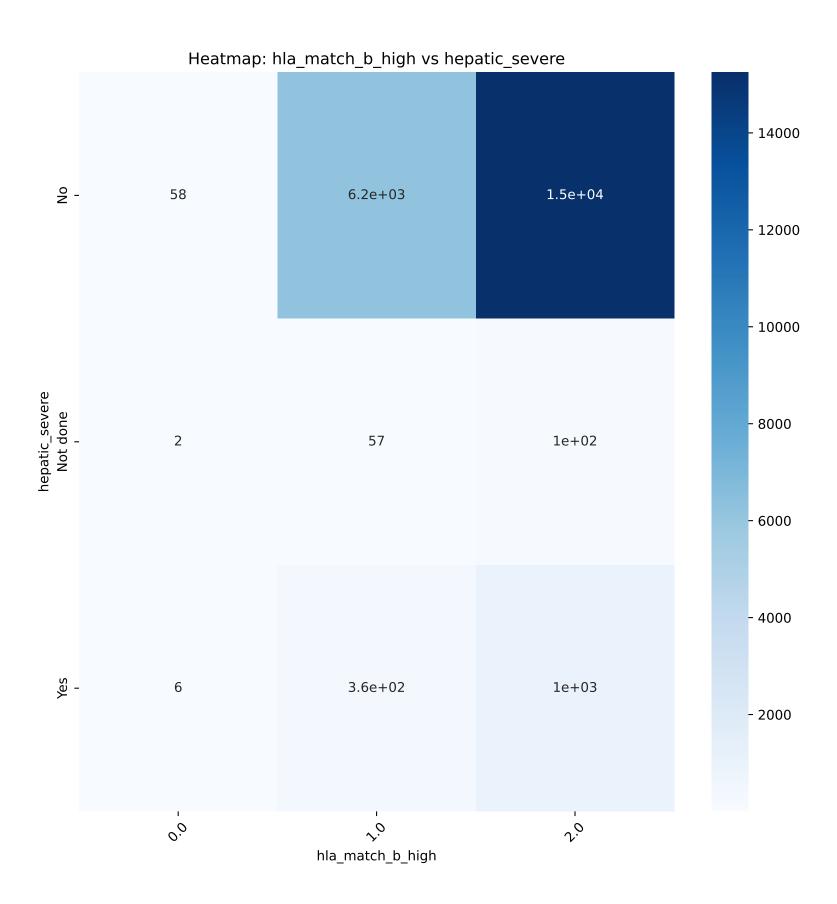
## Heatmap: donor\_age vs hepatic\_severe

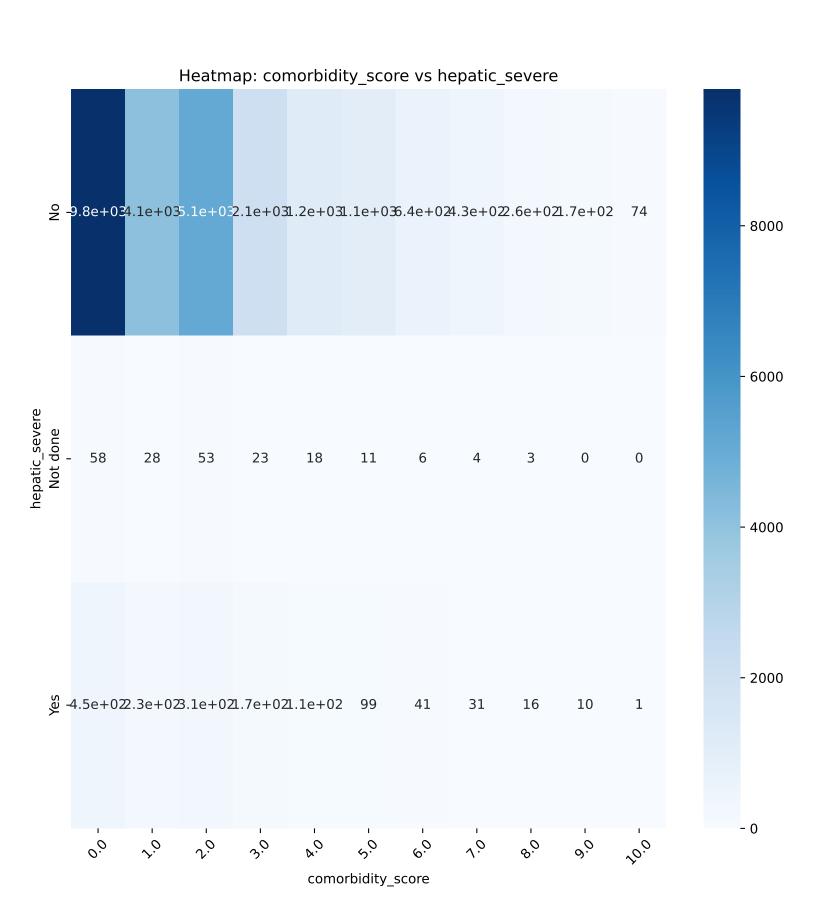


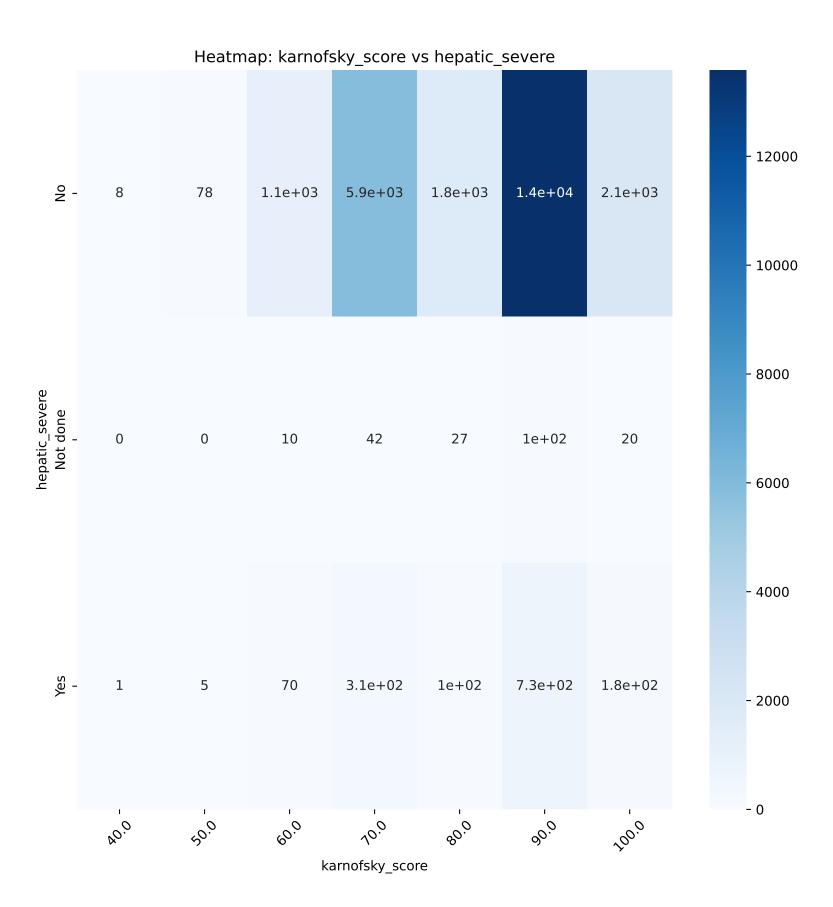






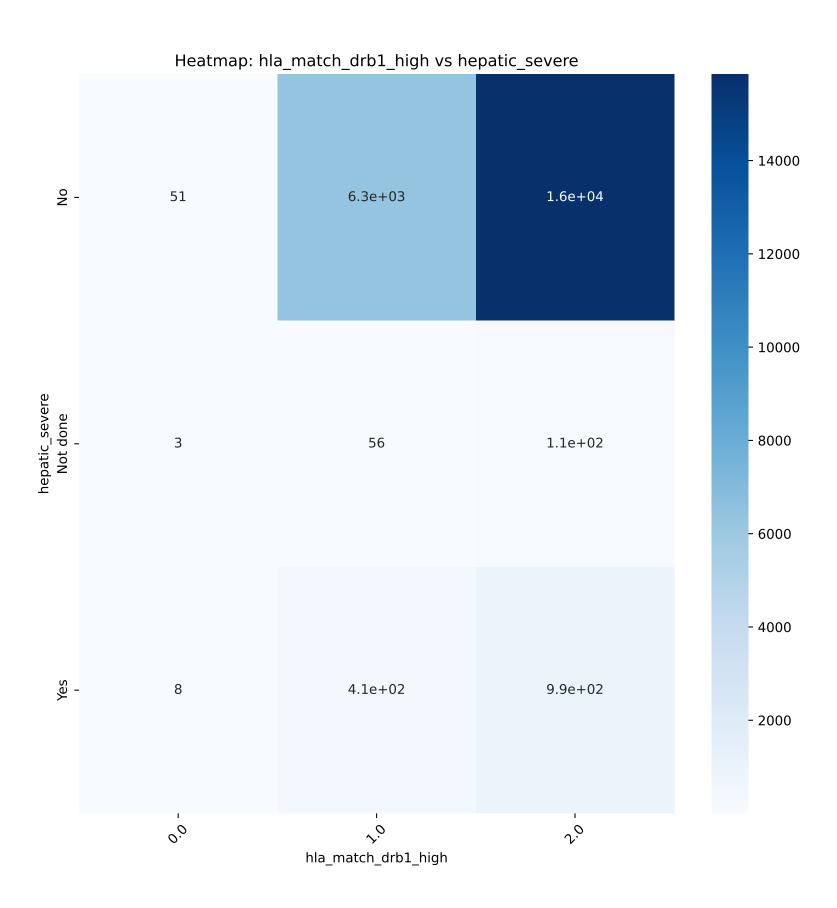




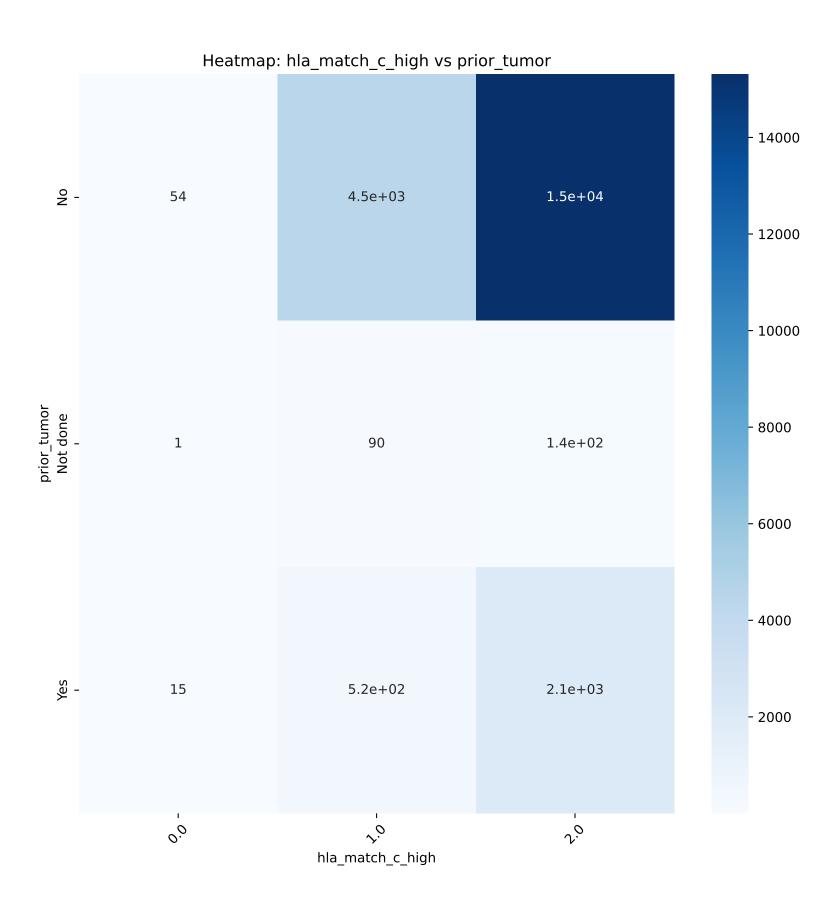


Heatmap: hla\_low\_res\_8 vs hepatic\_severe - 12000 ₽-1 17 3.7e+03 1.4e+03 1.2e+03 2.2e+03 1.3e+04 - 10000 8000 hepatic\_severe Not done 0 1 80 28 15 18 18 6000 - 4000 Yes -3 1.9e+02 86 1.2e+02 8.3e+02 1.8e+02 - 2000 - 0 10 v,o 60

hla\_low\_res\_8

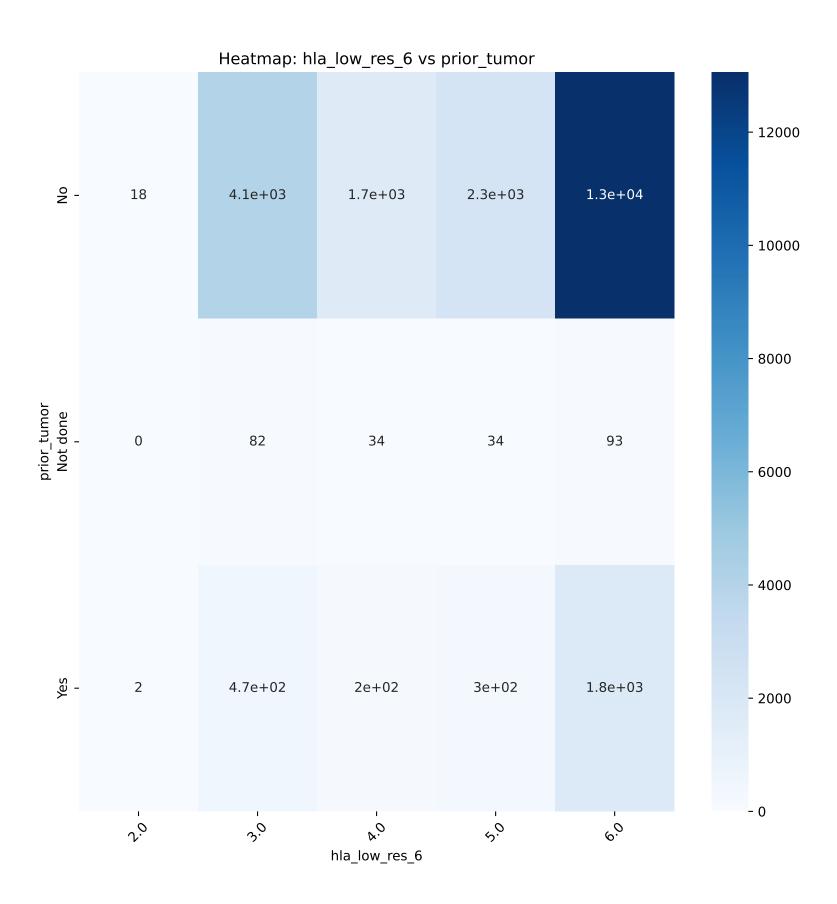


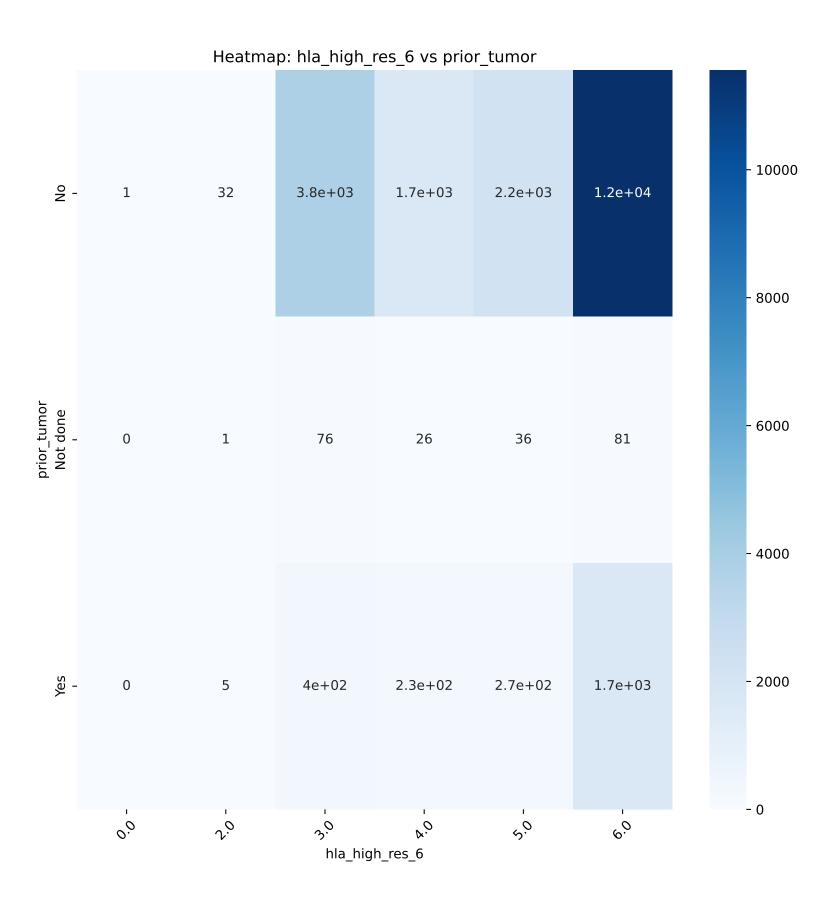
Heatmap: hla\_low\_res\_10 vs hepatic\_severe 12000 ₽-18 2.8e+03 1.4e+03 1e+03 1.1e+03 2.2e+03 1.2e+04 - 10000 8000 hepatic\_severe Not done 0 21 70 12 12 15 16 6000 - 4000 Yes -4 1.3e+02 62 1.1e+02 91 1.9e+02 7.7e+02 - 2000 - 0 60 40 90 80 hla\_low\_res\_10

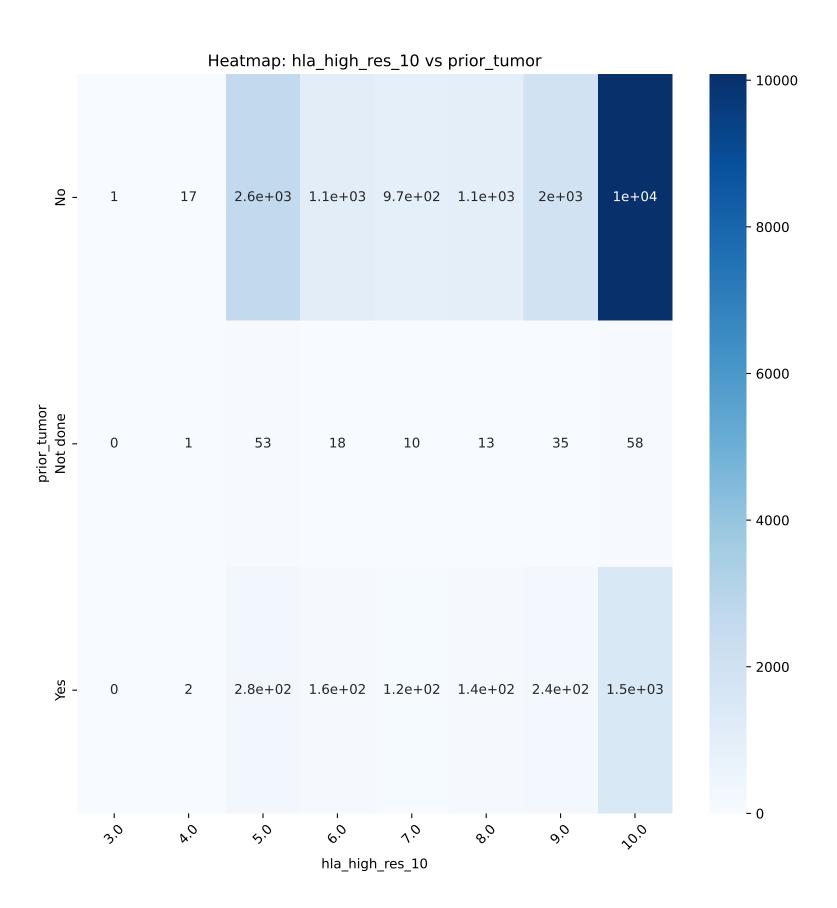


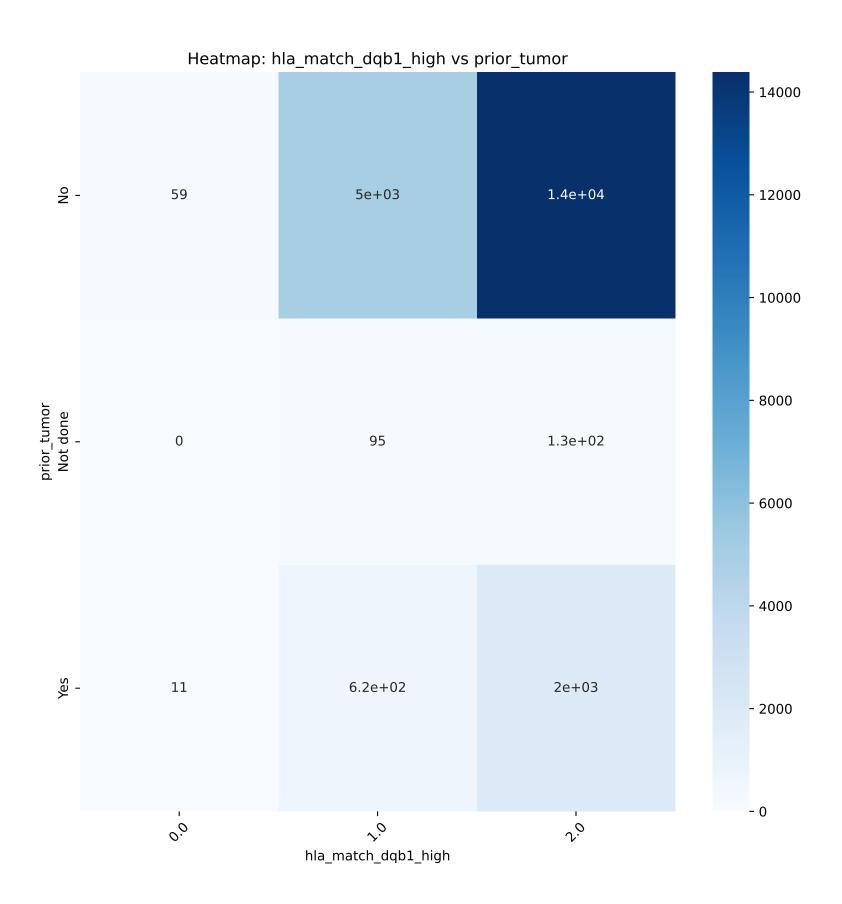
Heatmap: hla\_high\_res\_8 vs prior\_tumor - 10000 ဍိ -2 19 3.1e+03 1.3e+03 1.2e+03 2e+03 1.1e+04 - 8000 prior\_tumor Not done ' 6000 0 1 65 21 74 14 34 - 4000 - 2000 Yes -1.7e+03 3.3e+02 1.8e+02 1.5e+02 2.3e+02 - 0 Þ. 0 ر أ ا 60

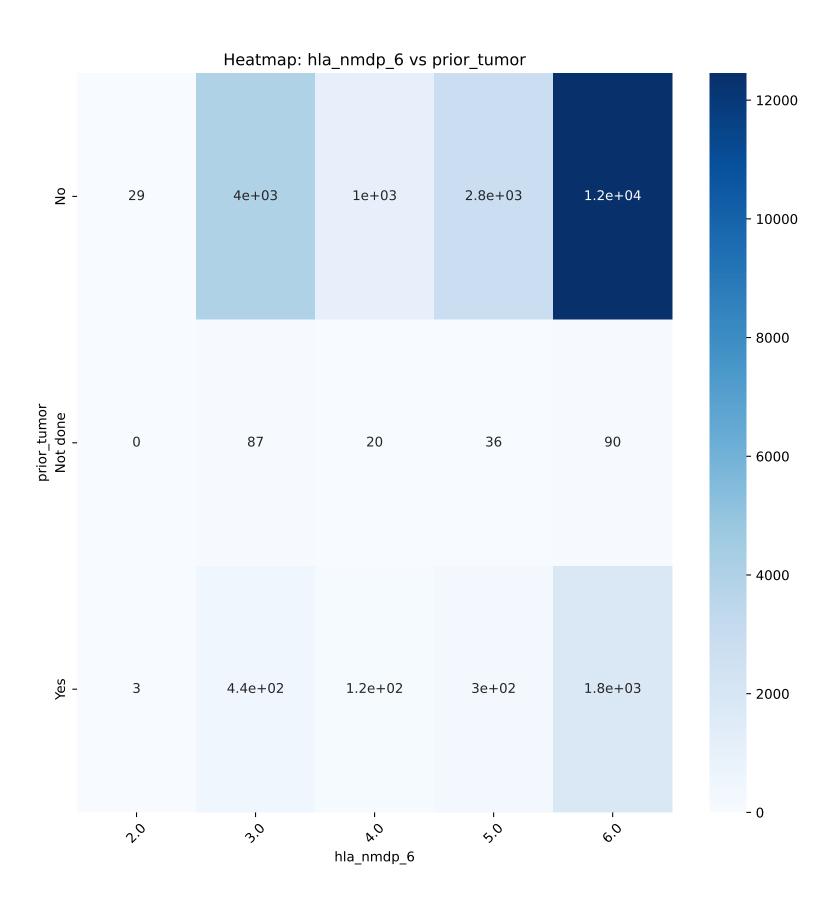
hla\_high\_res\_8

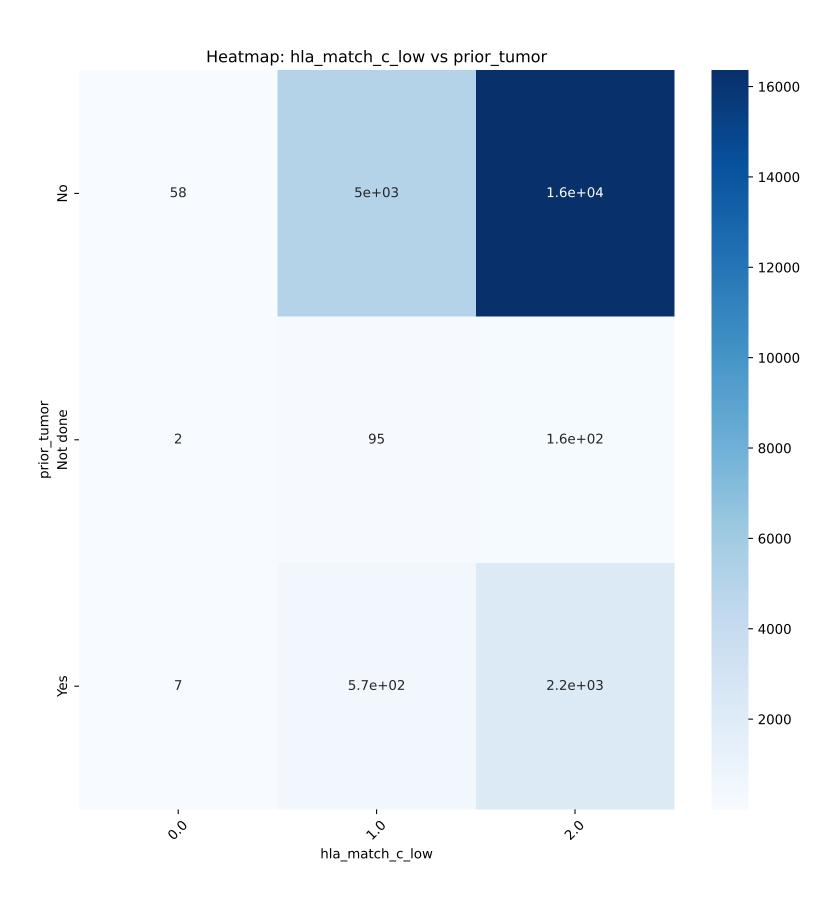


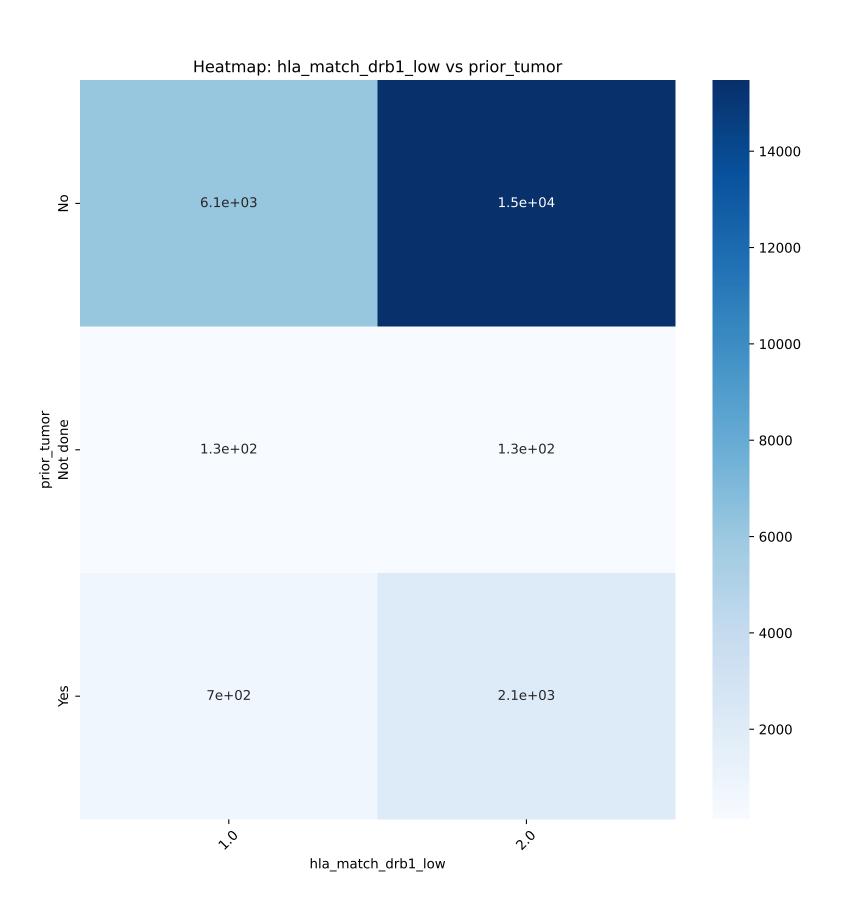


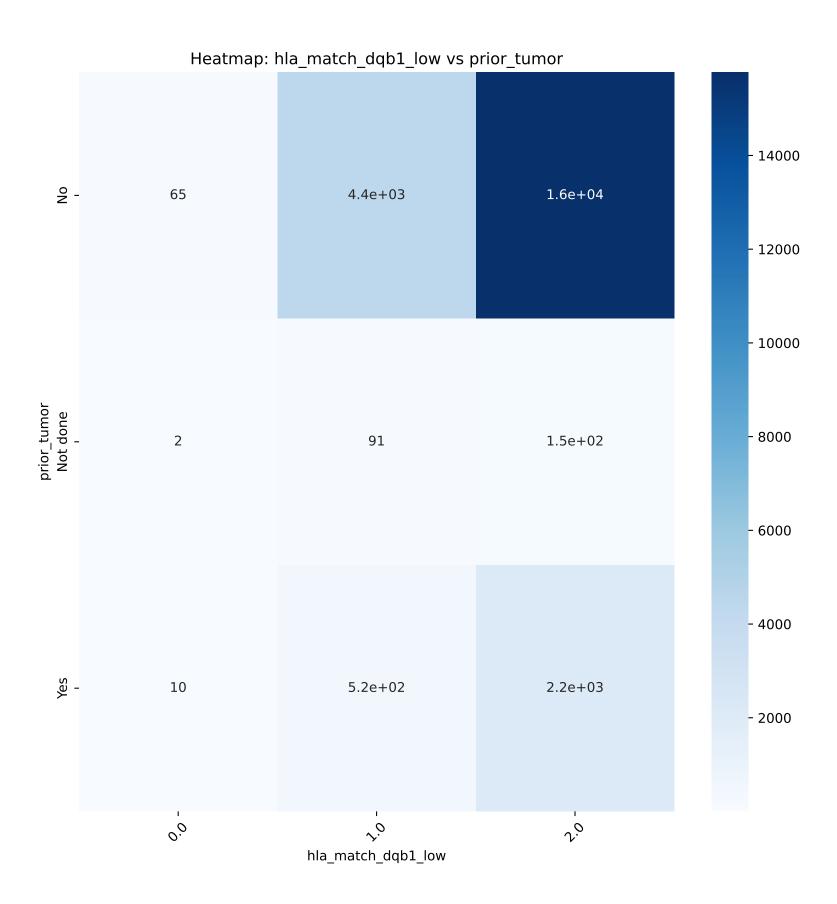


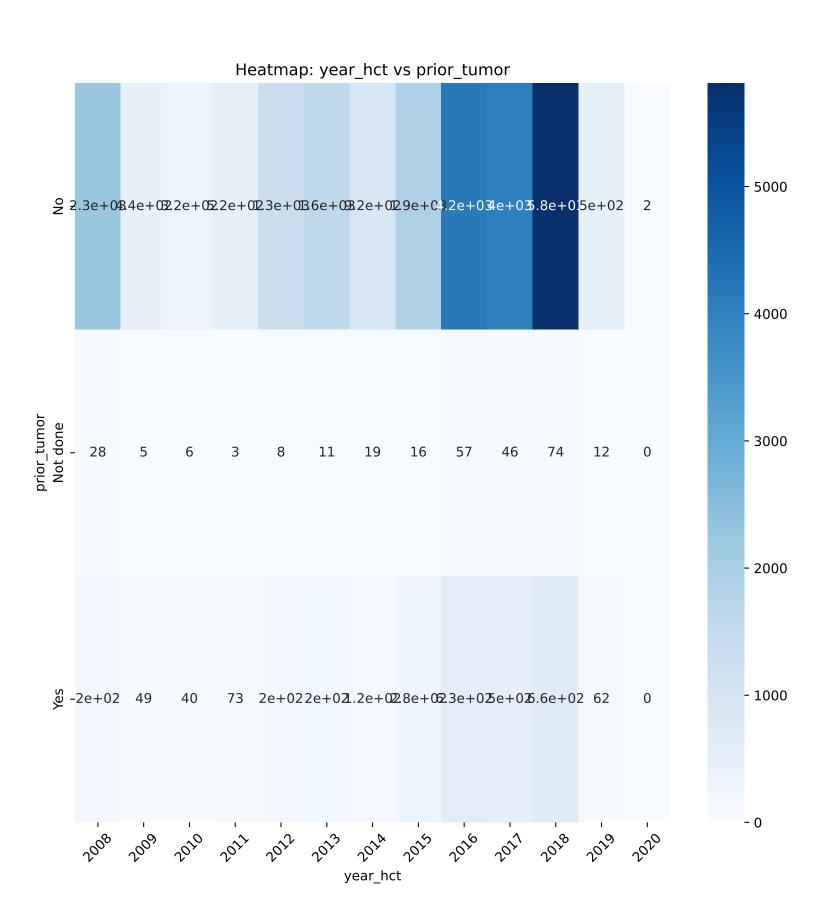


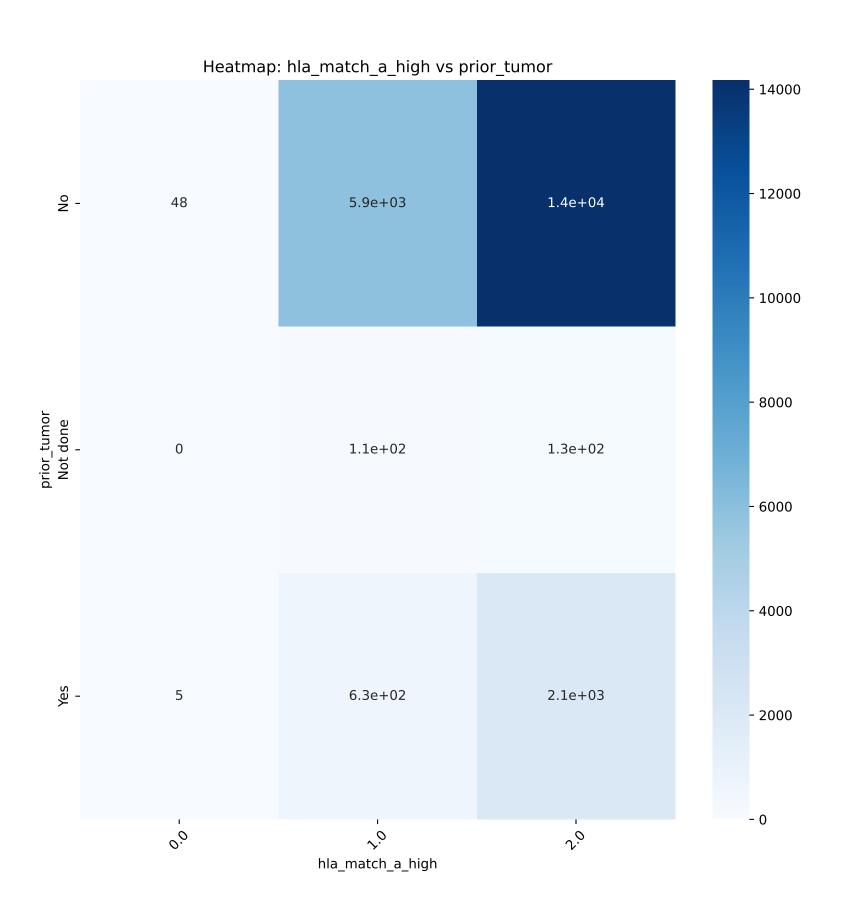


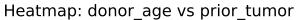


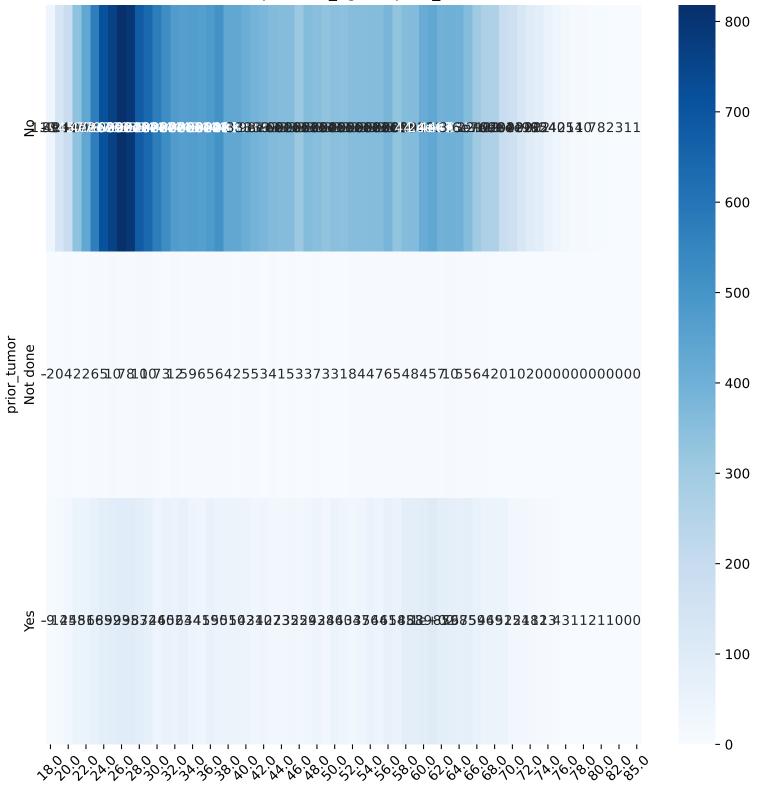




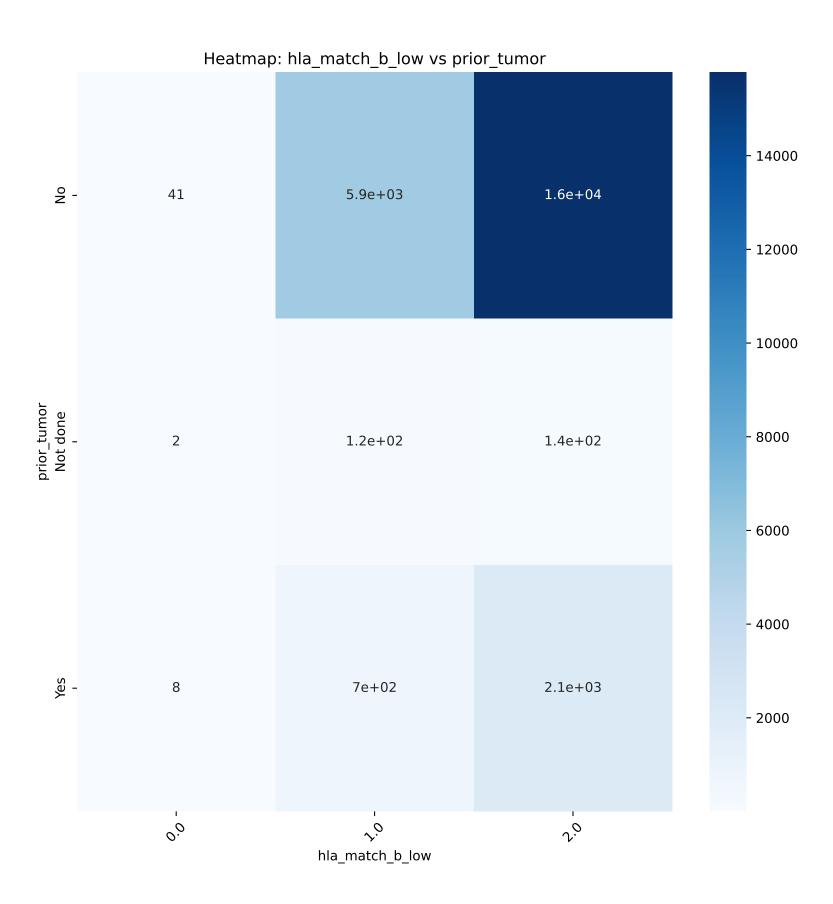


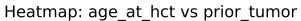


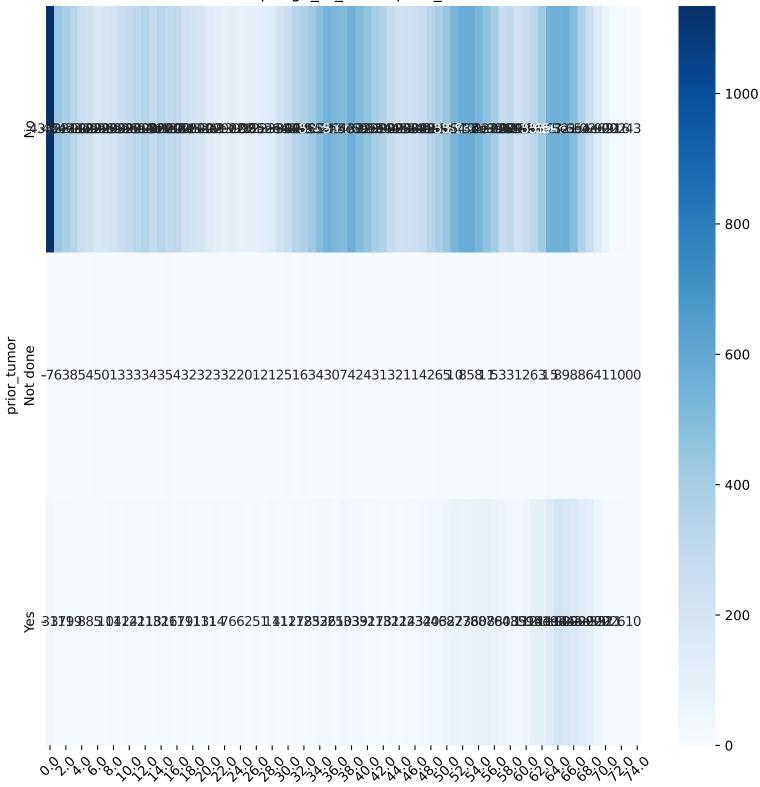


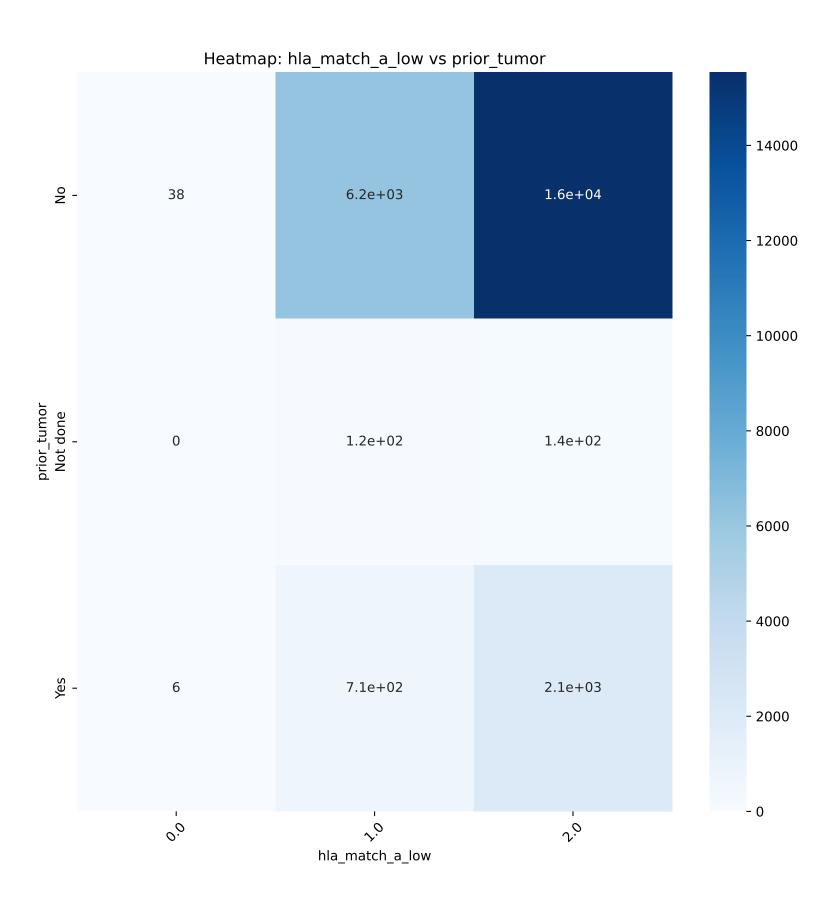


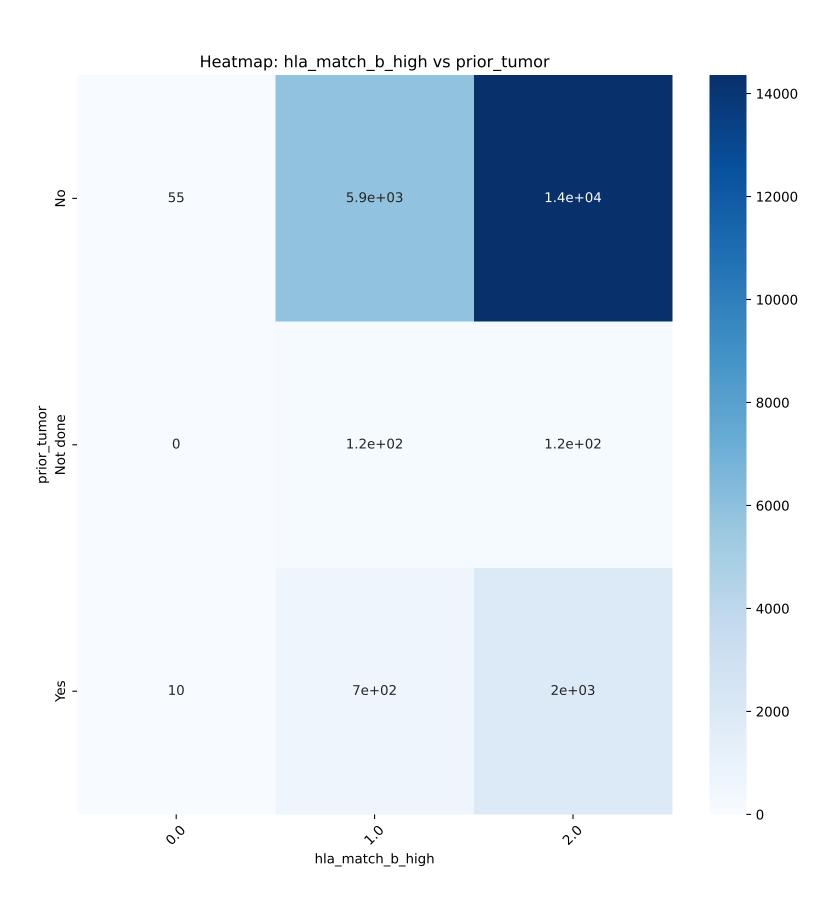
donor\_age

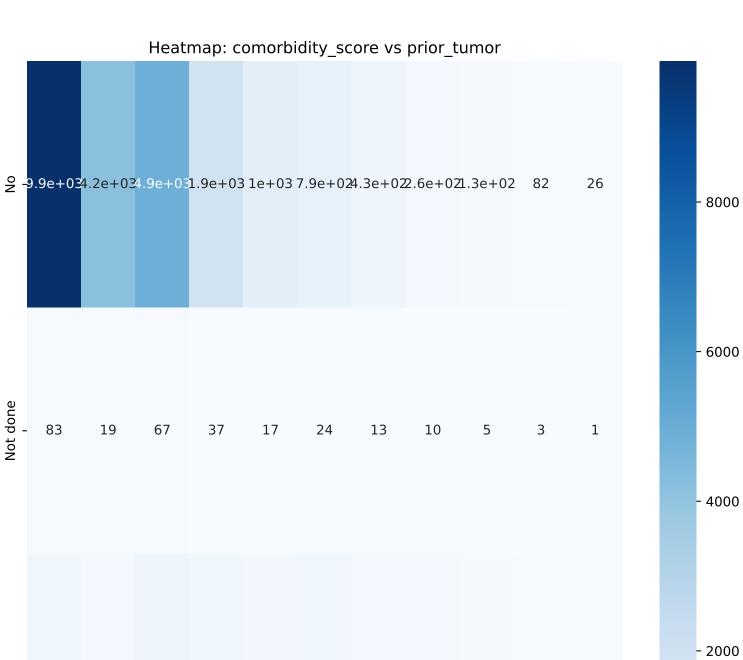


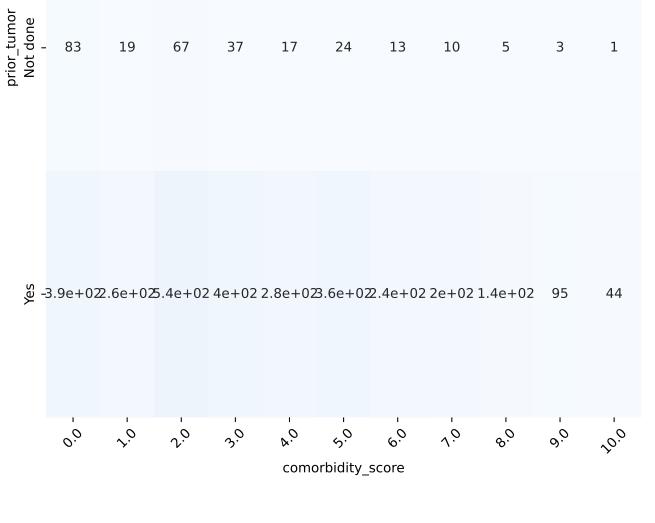








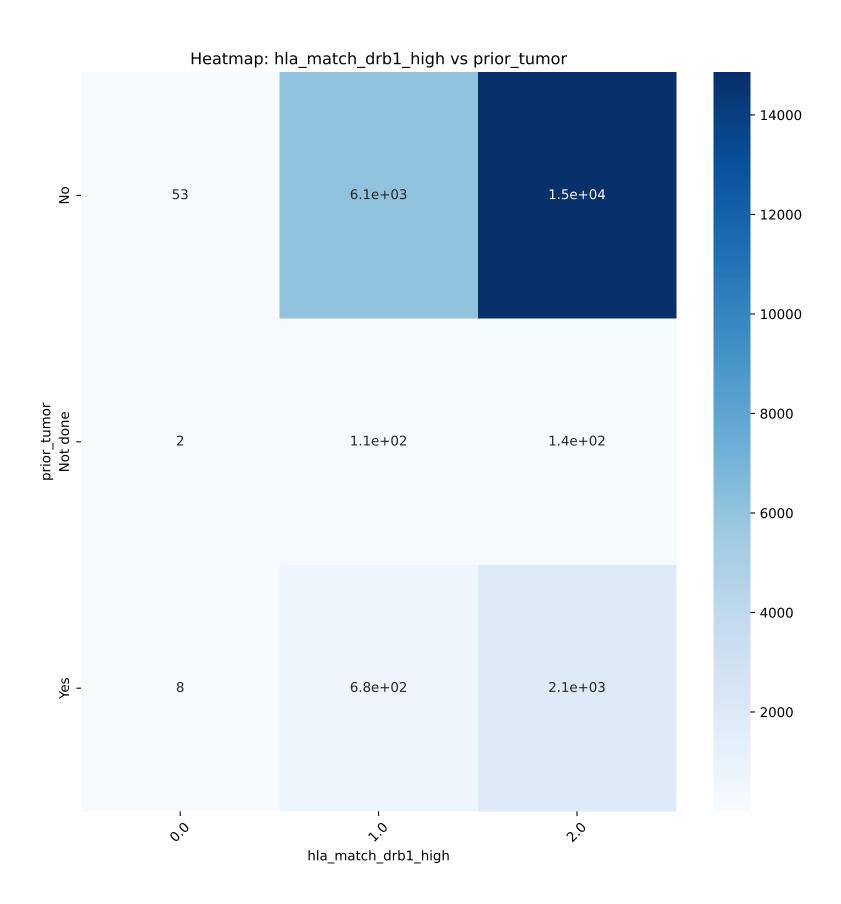




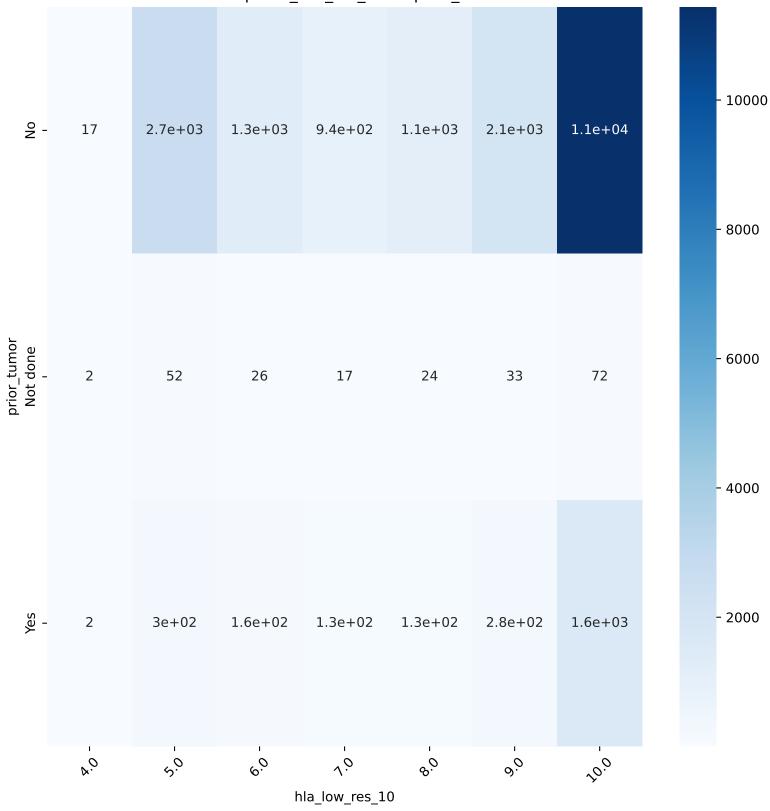
Heatmap: karnofsky\_score vs prior\_tumor - 12000 გ -8 75 1e+03 5.2e+03 1.6e+03 1.3e+04 2.2e+03 - 10000 - 8000 prior\_tumor Not done ' 0 0 19 64 36 1.3e+02 23 6000 - 4000 Yes -1 11 2e+02 1e+03 2.8e+02 1.3e+03 1.2e+02 - 2000 - 0 100 karnofsky\_score

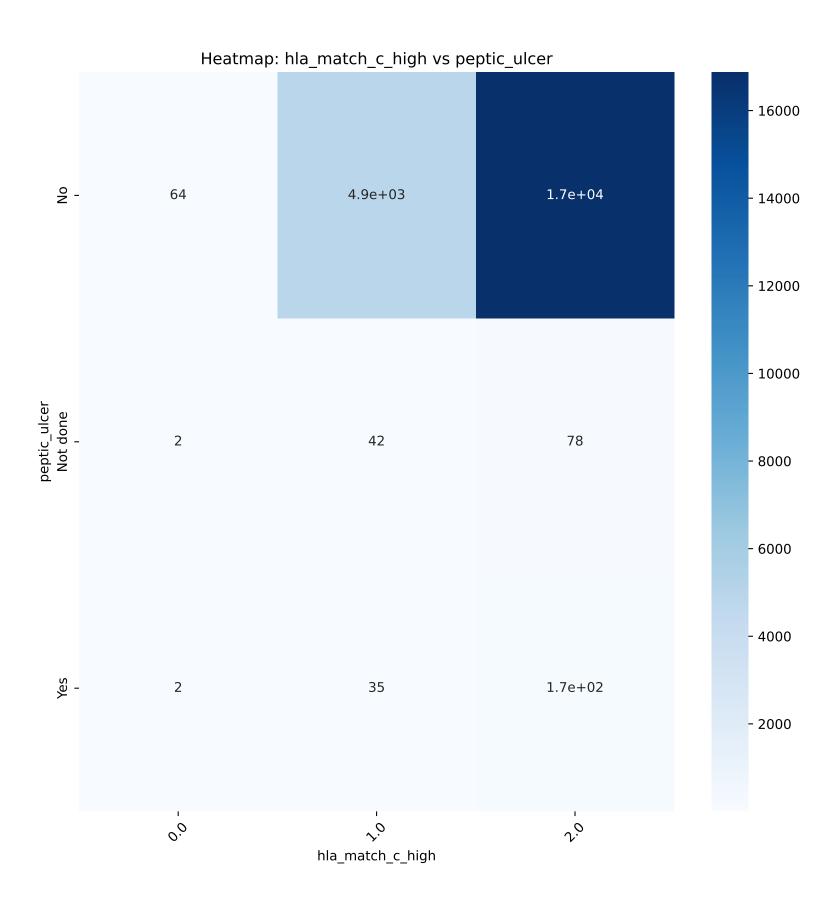
Heatmap: hla\_low\_res\_8 vs prior\_tumor - 12000 ဍိ -3.5e+03 1 19 1.3e+03 1.2e+03 2.1e+03 1.3e+04 - 10000 8000 prior\_tumor Not done ' 0 0 73 22 91 26 28 - 6000 - 4000 Yes -3 3.8e+02 1.7e+02 1.5e+02 2.8e+02 1.8e+03 - 2000 - 0 Þ. 0 10 60

hla\_low\_res\_8



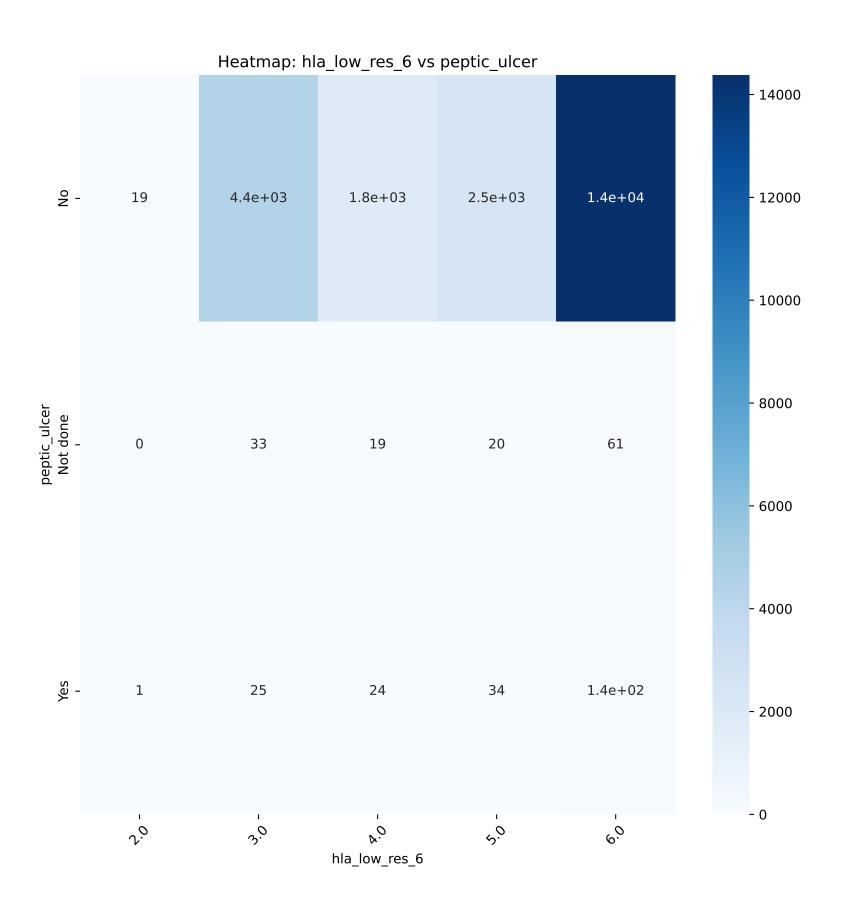
Heatmap: hla\_low\_res\_10 vs prior\_tumor





Heatmap: hla\_high\_res\_8 vs peptic\_ulcer - 12000 ဍိ -2 23 3.4e+03 1.5e+03 1.3e+03 2.1e+03 1.2e+04 - 10000 - 8000 peptic\_ulcer Not done ' 0 1 23 55 16 12 9 6000 - 4000 Yes -1 15 14 18 18 1.3e+02 - 2000 - 0 10 Þ. . 60

hla\_high\_res\_8



Heatmap: hla\_high\_res\_6 vs peptic\_ulcer - 12000 ဍိ -1 37 4.1e+03 1.9e+03 2.4e+03 1.3e+04 - 10000 8000 peptic\_ulcer Not done ' 0 0 31 60 15 17 6000 - 4000 Yes -0 1 22 21 27 1.3e+02 - 2000 - 0 ×0 hla\_high\_res\_6

Heatmap: hla\_high\_res\_10 vs peptic\_ulcer - 10000 ဍိ -1 19 2.9e+03 1.2e+03 1e+03 1.2e+03 2.1e+03 1.1e+04 8000 peptic\_ulcer Not done ' 6000 18 11 11 9 6 0 1 46 - 4000 - 2000 Yes -1 12 5 15 15 1.2e+02 16

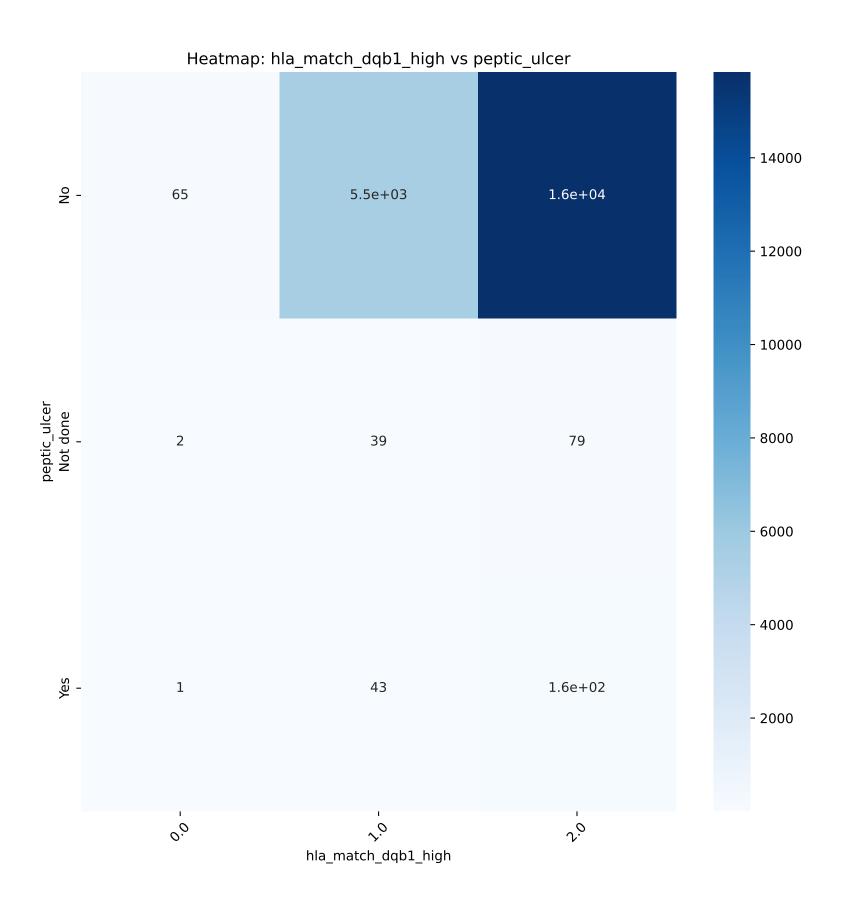
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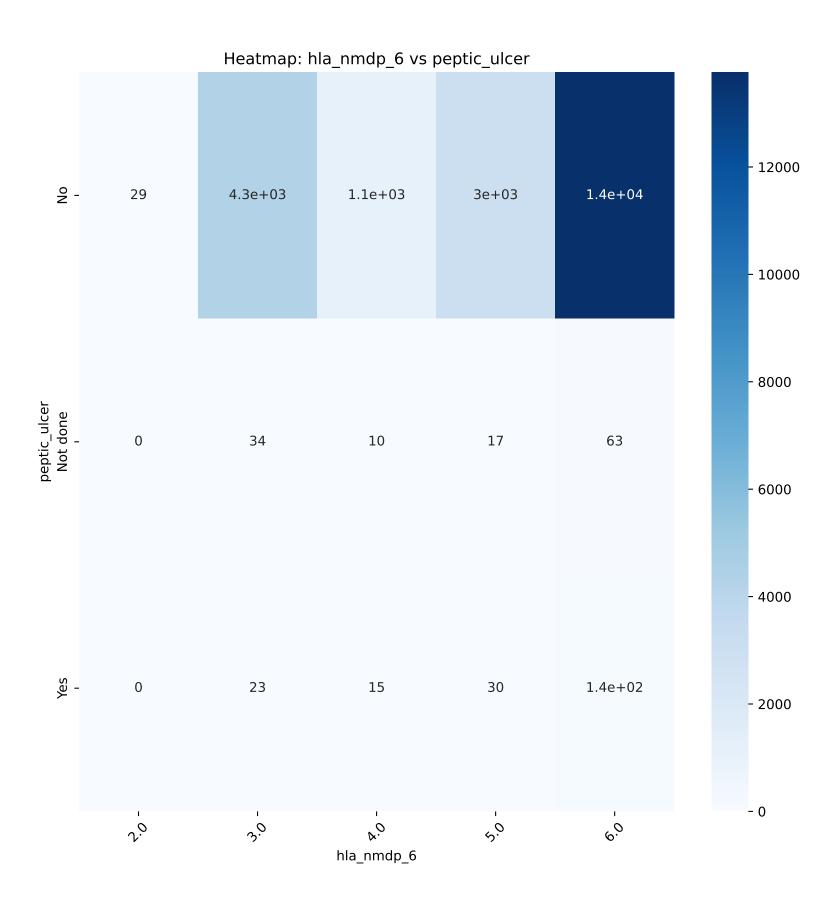
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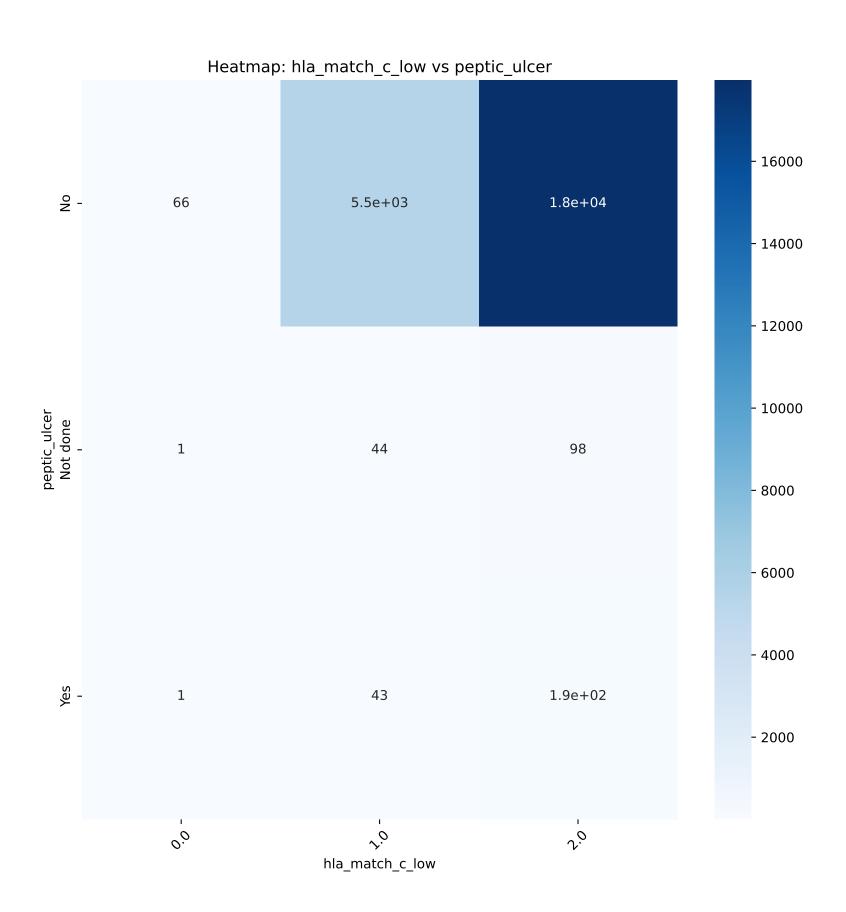
hla\_high\_res\_10

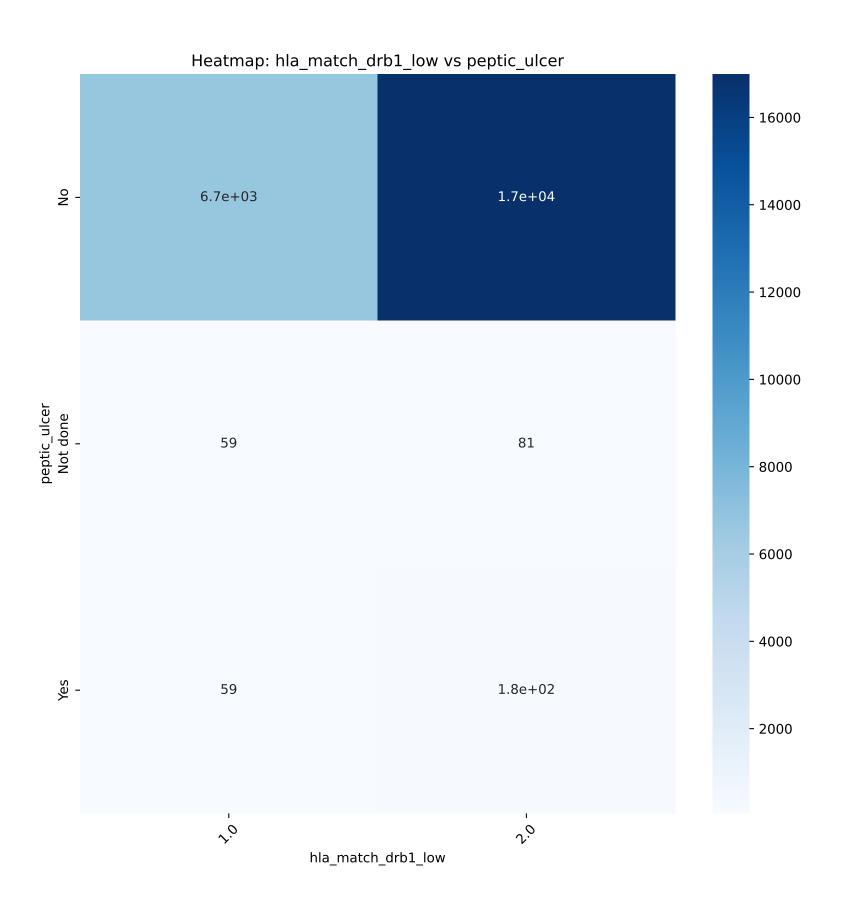
\$. 0 8·0

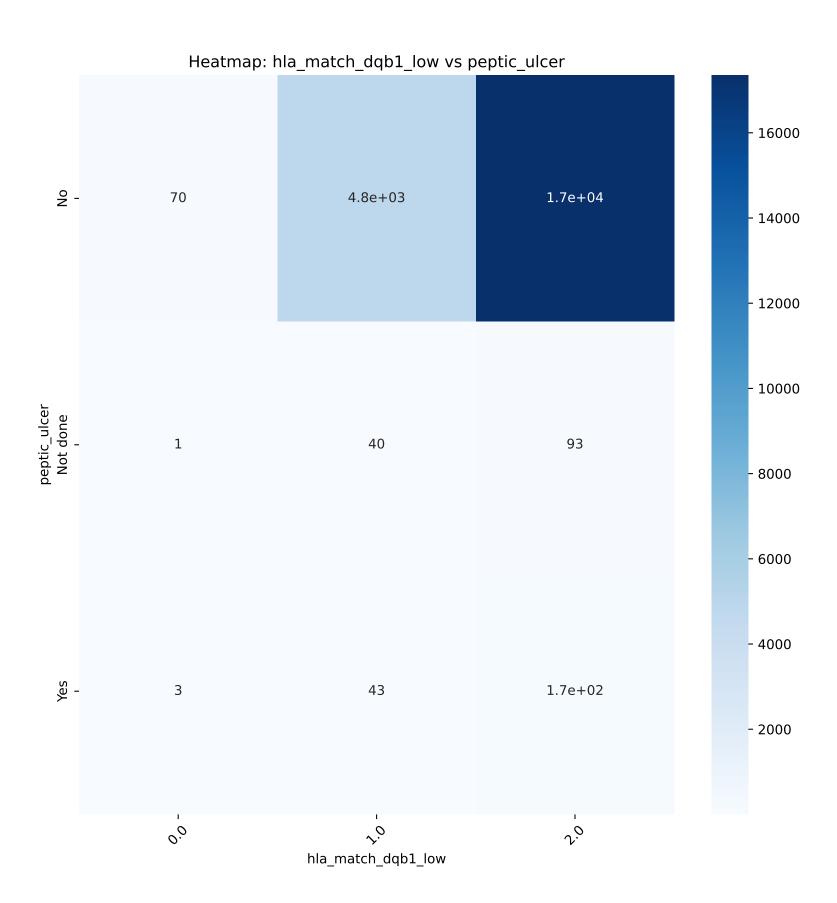
- 0

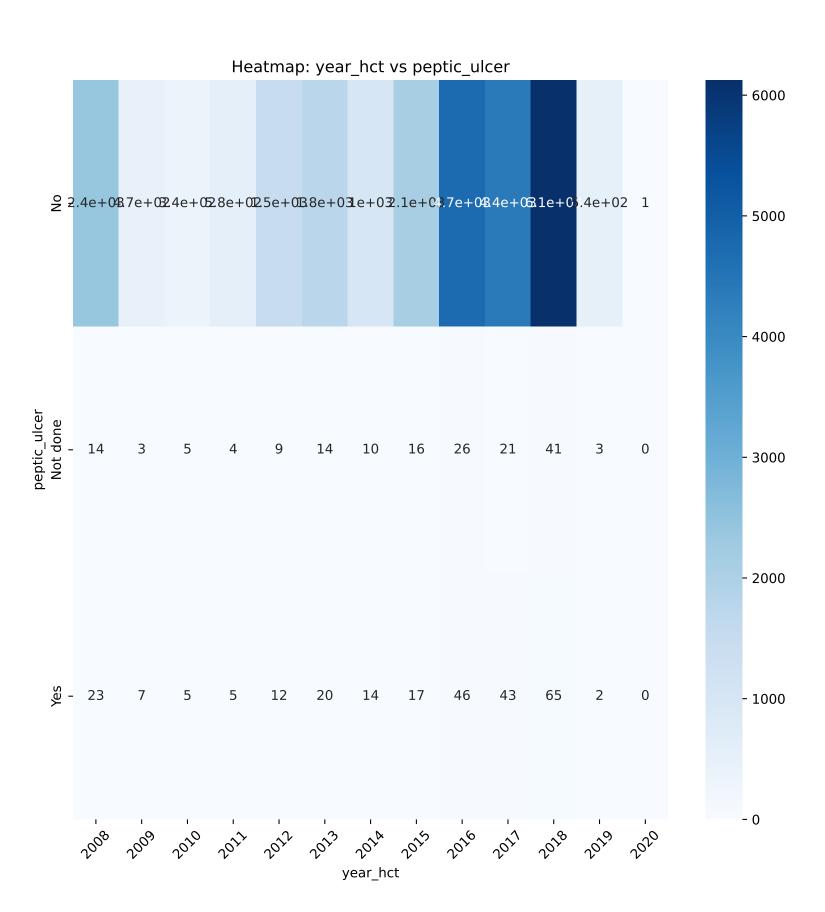


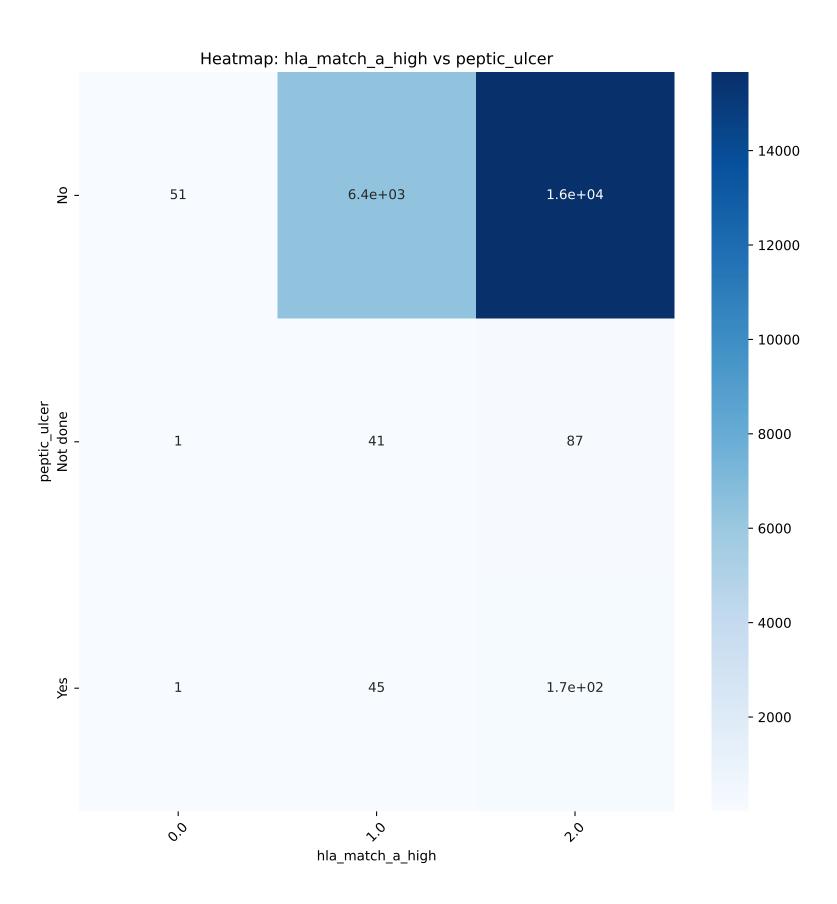




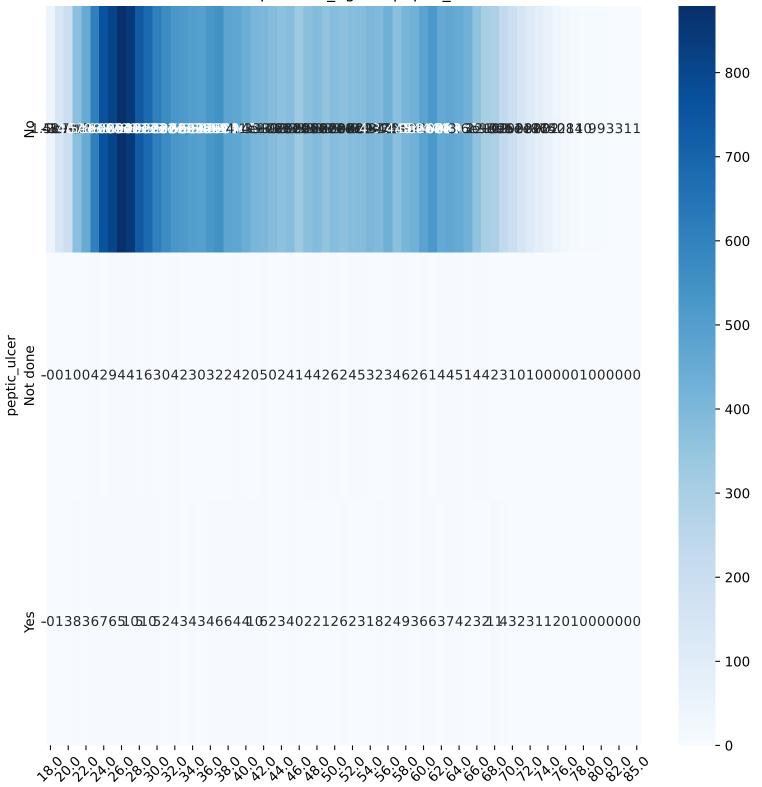


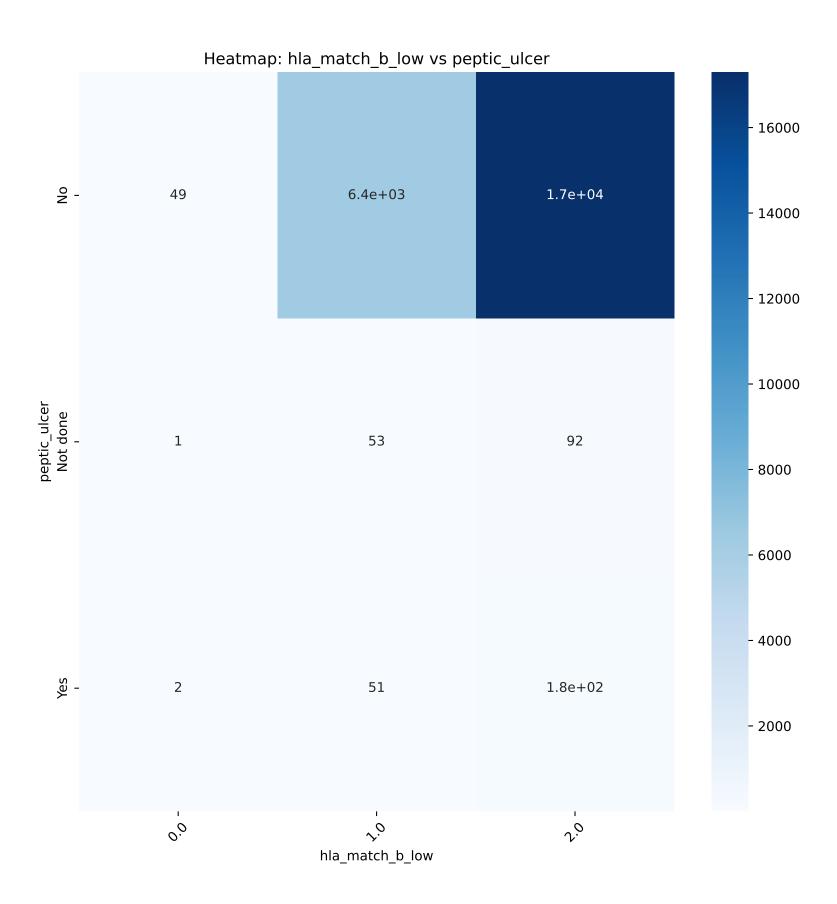


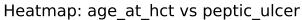


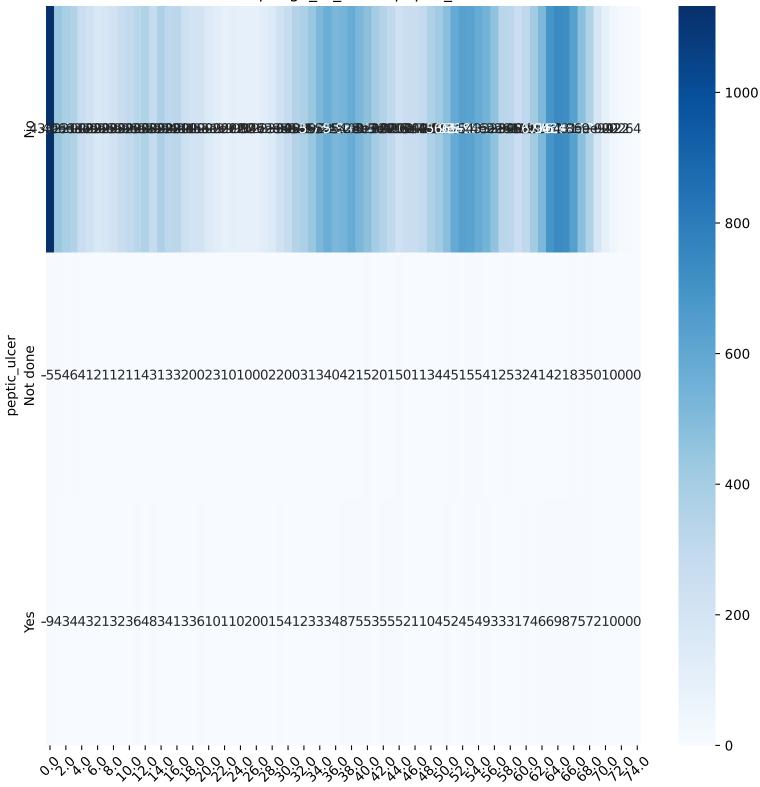


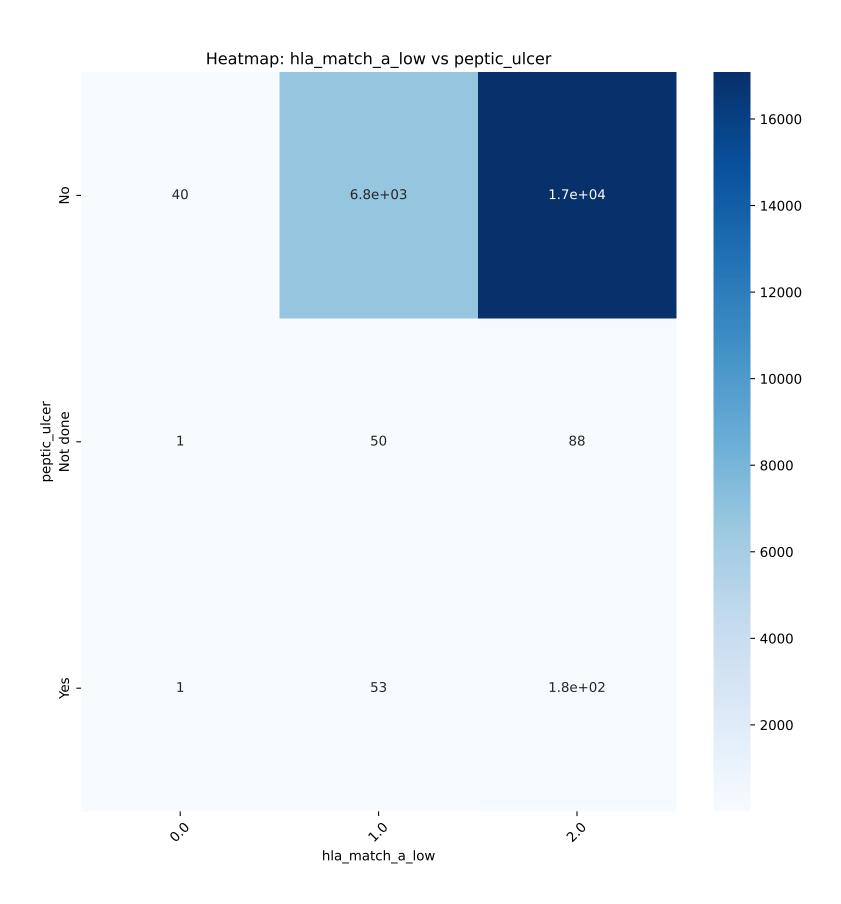
### Heatmap: donor\_age vs peptic\_ulcer

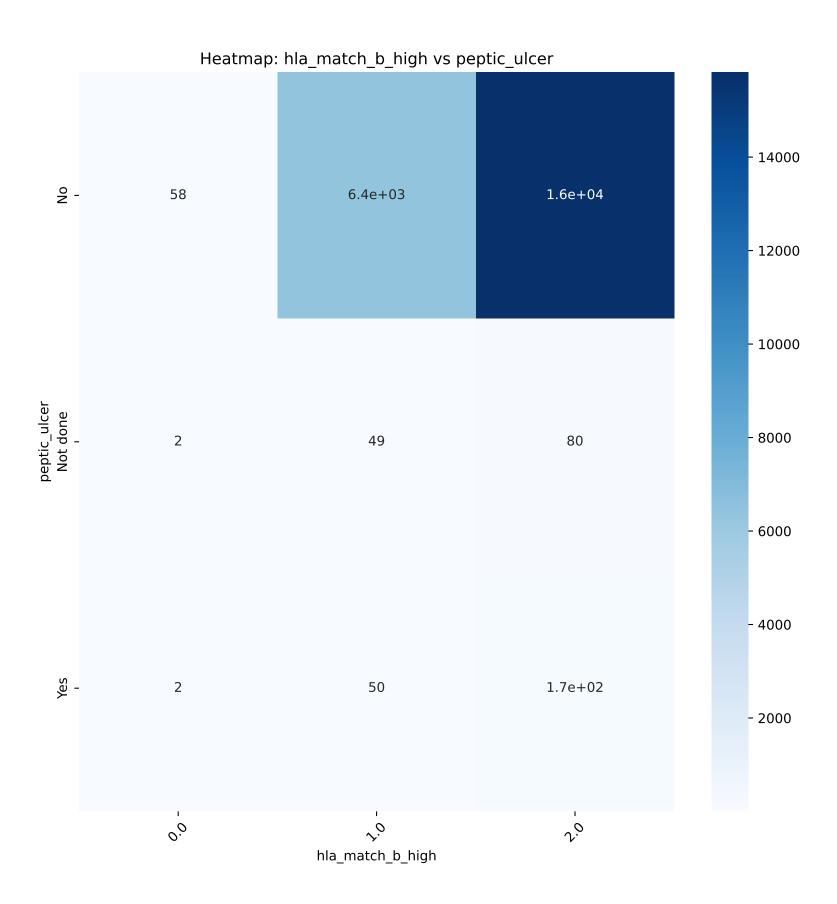


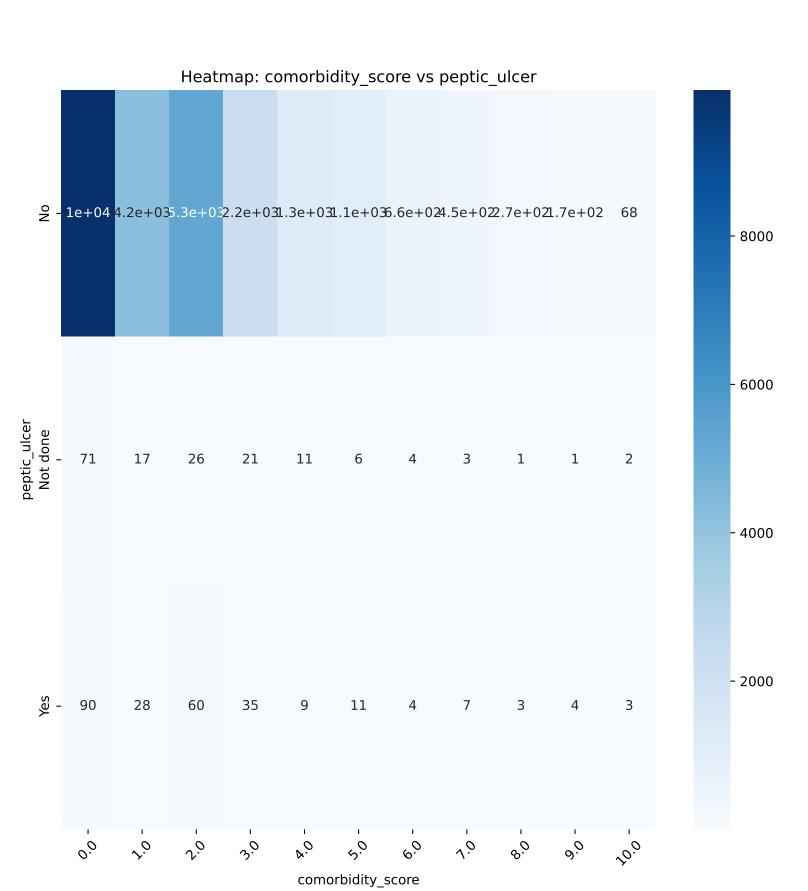


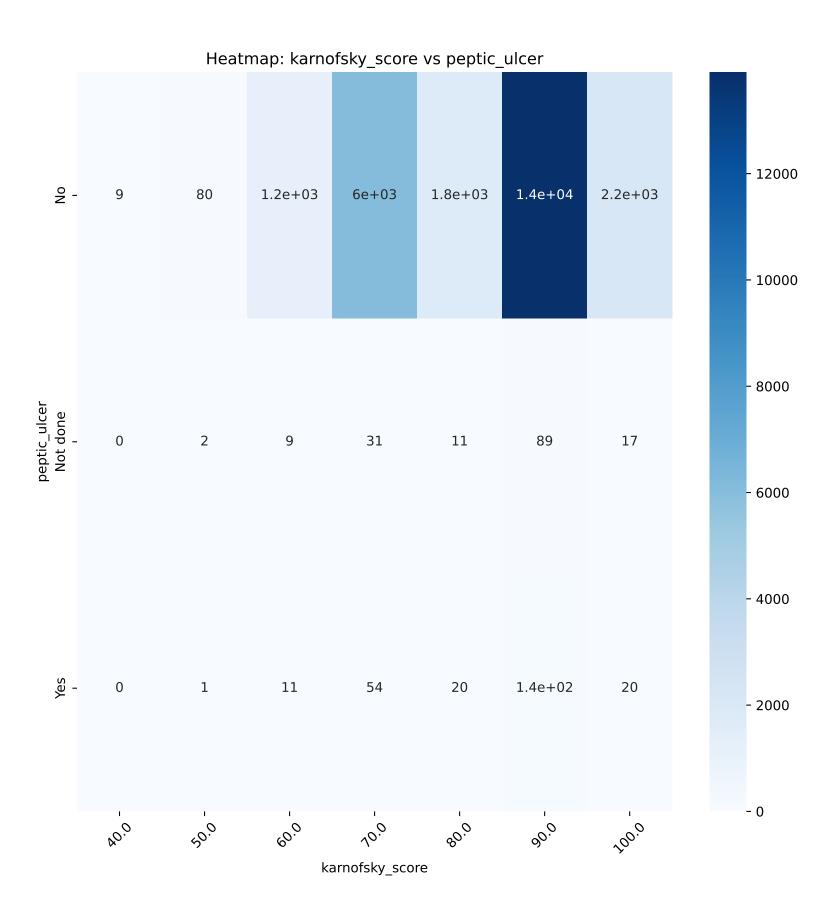




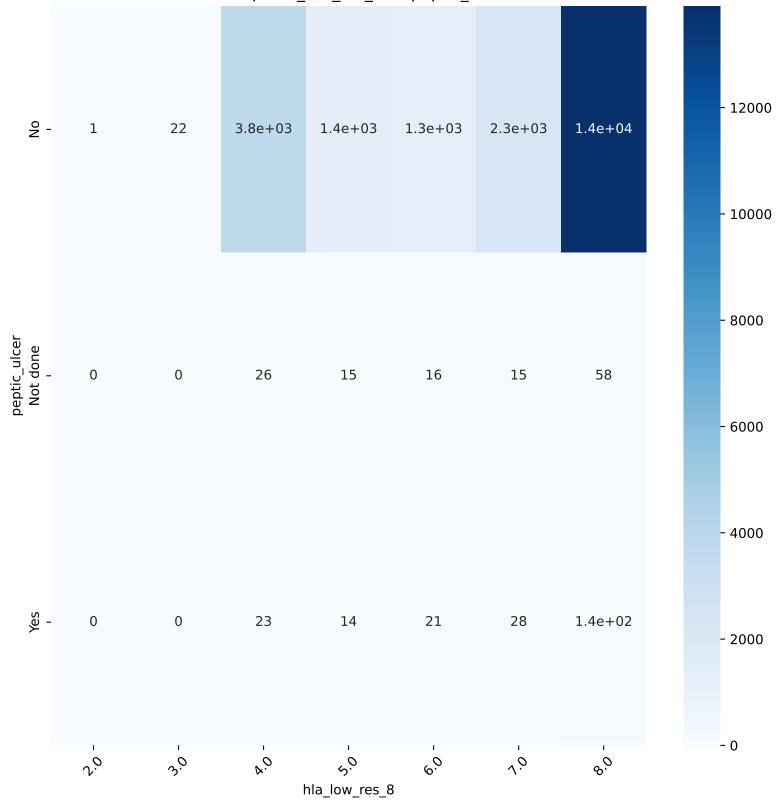


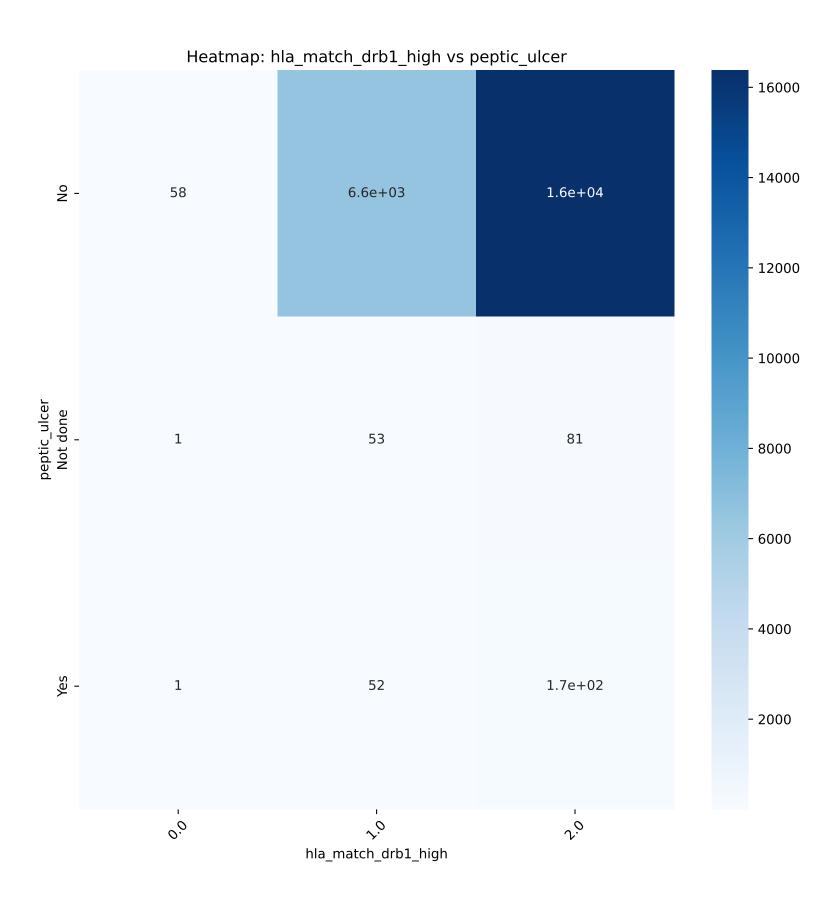




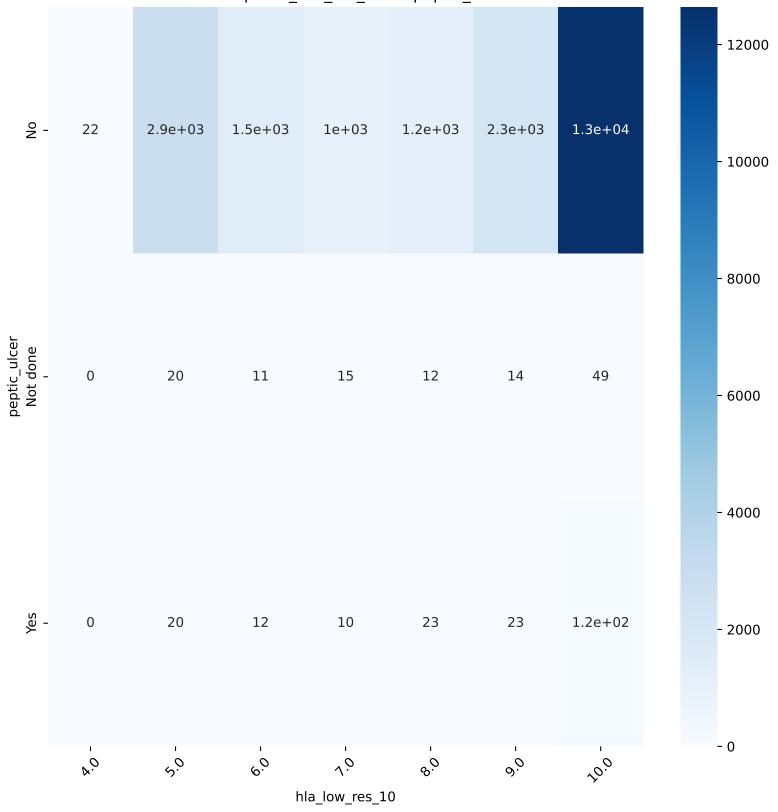


Heatmap: hla\_low\_res\_8 vs peptic\_ulcer





Heatmap: hla\_low\_res\_10 vs peptic\_ulcer



# Heatmap: hla\_match\_c\_high vs gvhd\_proph

Dselect +- other -	0	11	38	
CDselect alone -	1	45	1.8e+02	
⊦- others(not FK) -	6	1.9e+02	1.7e+03	- 7000
iers(not MMF,FK) -	1	12	1.8e+02	
not FK,MMF,MTX) -	0	5	14	- 6000
CSA alone -	0	27	1.4e+02	
ıamide +- others -	8	1.2e+03	9.4e+02	- 5000
osphamide alone -	10	3e+03	1.7e+03	
+ MMF +- others -	13	4.4e+02	8e+03	- 4000
others(not MMF) -	17	2.2e+02	3.4e+03	
rs(not MMF,MTX) -	0	0	1	- 3000
FKalone -	9	95	8.6e+02	
ivHD Prophylaxis -	1	31	1.5e+02	- 2000
VHD Prophylaxis -	3	90	3.8e+02	
es, but no agent -	0	1	41	- 1000
LETION +- other -	3	86	3.7e+02	
DEPLETION alone -	1	47	3.5e+02	- 0
	0,0	hla_match_c_high	20	- 0

Heatmap	: hla	hiah	res	8 vs	avhd	proph	٦
1 ICacillap		111911	1 0 0	0 0 0	gviia	PIOPI	

Dselect +- other -	0	0	7	5	4	8	21	
CDselect alone -	0	0	21	22	21	29	1.2e+02	- 6000
⊦- others(not FK) -	0	3	81	94	1.2e+02	2.3e+02	1.3e+03	
ıers(not MMF,FK) -	0	0	5	4	9	34	1.3e+02	
not FK,MMF,MTX) -	0	0	3	3	3	2	8	- 5000
CSA alone -	0	0	20	15	18	16	93	
ıamide +- others -	0	6	9e+02	3.4e+02	2.2e+02	2.1e+02	4e+02	- 4000
osphamide alone -	0	15	2.3e+03	6.4e+02	4.1e+02	4.2e+02	6.2e+02	
+ MMF +- others -	0	4	1.6e+02	2.1e+02	3.2e+02	7.6e+02	6.6e+03	
others(not MMF) -	0	0	77	1.3e+02	1.6e+02	3.4e+02	2.8e+03	- 3000
rs(not MMF,MTX) -	0	0	0	0	0	0	1	
FKalone -	2	0	45	49	79	1.2e+02	6.3e+02	- 2000
ivHD Prophylaxis -	0	0	12	17	18	17	1e+02	
VHD Prophylaxis -	0	0	46	45	44	66	2.4e+02	
es, but no agent -	0	0	0	1	0	3	35	- 1000
LETION +- other -	0	0	47	28	37	57	2.5e+02	
DEPLETION alone -	0	0	21	20	28	52	2.5e+02	0
	2.0	3.0	<b>*</b> 0	၂ ၄ <sup>၇</sup> hla_high_res_	8	10	80	- 0

Heatmap: hla_low_res_6 vs gvhd_proph

Dselect +- other -	0	10	6	7	26		
CDselect alone -	0	30	27	33	1.4e+02	- 7000	)
⊦- others(not FK) -	2	1.3e+02	1.4e+02	3e+02	1.5e+03		
iers(not MMF,FK) -	1	9	10	34	1.5e+02	- 6000	Э
not FK,MMF,MTX) -	0	4	5	3	9		
CSA alone -	0	34	15	32	1.1e+02	- 5000	Э
amide +- others -	3	1.1e+03	3.9e+02	2.9e+02	4.6e+02		
osphamide alone -	7	2.9e+03	6.9e+02	5.4e+02	8.2e+02	- 4000	n
+ MMF +- others -	0	2.8e+02	3.4e+02	8e+02	7.5e+03	4000	J
others(not MMF) -	1	1e+02	1.8e+02	3.5e+02	3.1e+03		
rs(not MMF,MTX) -	0	0	0	0	1	- 3000	)
FKalone -	3	93	94	1.4e+02	7.6e+02		
vHD Prophylaxis -	1	23	25	25	1.3e+02	- 2000	Э
VHD Prophylaxis -	1	77	38	90	2.9e+02		
es, but no agent -	0	3	0	2	43	- 1000	Э
LETION +- other -	2	73	53	70	2.8e+02		
DEPLETION alone -	1	39	30	55	3e+02		
	2.0	3.0	ہٰٰٰ hla_low_res_6	80	60	- 0	

Heatmap: hla_high_res_6 vs gvhd_proph	

Dselect +- other -	0	0	9	6	10	21	
CDselect alone -	0	0	33	28	36	1.2e+02	- 6000
⊦- others(not FK) -	0	3	1.3e+02	1.4e+02	2.7e+02	1.3e+03	0000
ıers(not MMF,FK) -	0	0	9	9	37	1.4e+02	
not FK,MMF,MTX) -	0	0	4	5	2	8	- 5000
CSA alone -	0	1	33	20	18	96	
ıamide +- others -	0	5	1e+03	3.6e+02	2.6e+02	4.2e+02	- 4000
osphamide alone -	0	19	2.6e+03	7e+02	5.1e+02	6.6e+02	4000
+ MMF +- others -	0	8	2.5e+02	3.8e+02	8.1e+02	6.8e+03	
others(not MMF) -	0	2	1.3e+02	2e+02	3.7e+02	2.8e+03	- 3000
rs(not MMF,MTX) -	0	0	0	0	0	1	
FKalone -	1	2	74	92	1.4e+02	6.6e+02	- 2000
ivHD Prophylaxis -	0	1	20	24	22	1e+02	- 2000
VHD Prophylaxis -	0	2	66	58	76	2.5e+02	
es, but no agent -	0	0	1	0	3	35	- 1000
LETION +- other -	0	0	60	43	65	2.6e+02	
DEPLETION alone -	0	0	32	31	60	2.6e+02	0
	0.0	2.0	၇ ၇ hla_higl	\ <u>\</u> \.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<i>∞</i> .	60	- 0

Heatmap: hla\_high\_res\_10 vs gvhd\_proph

					_		•			_
Dselect +- other -	0	0	4	6	4	4	6	21	- 6000	)
CDselect alone -	0	0	14	16	17	17	26	1.1e+02		
۱- others(not FK) -	0	0	51	56	93	1.1e+02	2.5e+02	1.1e+03	5004	•
ers(not MMF,FK) -	0	0	2	3	7	11	32	1e+02	- 5000	)
not FK,MMF,MTX) -	0	0	2	3	2	3	1	8		
CSA alone -	0	1	13	14	9	15	19	85	- 4000	)
iamide +- others -	0	6	7.4e+02	3.1e+02	2.2e+02	1.7e+02	1.8e+02	3.4e+02		
osphamide alone -	0	16	2e+03	6.2e+02	3.9e+02	3.3e+02	3.8e+02	5.6e+02		
+ MMF +- others -	0	2	1e+02	1.2e+02	1.8e+02	3.2e+02	8e+02	6.1e+03	- 3000	)
others(not MMF) -	0	0	35	74	1e+02	1.4e+02	3.5e+02	2.4e+03		
rs(not MMF,MTX) -	0	0	0	0	0	0	0	1		
FKalone -	1	0	29	31	59	57	1.2e+02	5.7e+02	- 2000	)
ivHD Prophylaxis -	0	0	9	11	14	8	20	92		
VHD Prophylaxis -	0	0	36	34	35	39	60	2.2e+02		
es, but no agent -	0	0	0	0	1	0	4	34	- 1000	)
LETION +- other -	0	0	36	23	21	45	51	2.3e+02		
DEPLETION alone -	0	0	16	14	18	30	51	2.2e+02		
	3.0	<b>%</b> .0	\$0	60	10	8.0	9.0	200	- 0	
				hla_high	n_res_10					

# Heatmap: hla\_match\_dqb1\_high vs gvhd\_proph

Dselect +- other -	0	11	35	
CDselect alone -	2	46	1.7e+02	- 7000
others(not FK) -	5	2.6e+02	1.6e+03	
ıers(not MMF,FK) -	1	25	1.4e+02	- 6000
not FK,MMF,MTX) -	0	7	13	
CSA alone -	2	42	1.4e+02	- 5000
ıamide +- others -	8	1.2e+03	9e+02	
osphamide alone -	18	3e+03	1.8e+03	- 4000
+ MMF +- others -	19	6.1e+02	7.6e+03	- 4000
others(not MMF) -	12	3e+02	2.9e+03	
rs(not MMF,MTX) -	0	0	1	- 3000
FKalone -	2	1.6e+02	8.5e+02	
ivHD Prophylaxis -	1	41	1.5e+02	- 2000
VHD Prophylaxis -	1	1.1e+02	3.6e+02	
es, but no agent -	0	3	43	- 1000
LETION +- other -	1	1e+02	3.5e+02	
DEPLETION alone -	5	78	3.3e+02	- 0
	0,0	, hla_match_dqb1_high	20	ŭ

Heatmap:	hla	nmdn	6 vs	avhd	proph
neatinap.	ma	IIIIIup	$\mathbf{o}$	gviiu	PIOPII

_		Heatmap: h	ıla_nmdp_6 vs (	gvhd_proph		
Dselect +- other -	0	9	4	8	27	- 7000
CDselect alone -	0	32	16	41	1.4e+02	
others(not FK) -	4	1.5e+02	80	3.1e+02	1.4e+03	- 6000
ers(not MMF,FK) -	0	8	14	26	1.6e+02	
not FK,MMF,MTX) -	0	5	2	5	9	5000
CSA alone -	0	34	9	35	99	- 5000
amide +- others -	4	1.1e+03	3e+02	2.7e+02	5.1e+02	
osphamide alone -	8	2.8e+03	4.4e+02	6.8e+02	8.2e+02	- 4000
+ MMF +- others -	8	2.9e+02	1.8e+02	1.1e+03	7.1e+03	
others(not MMF) -	5	1.3e+02	1.2e+02	3.6e+02	3e+03	- 3000
rs(not MMF,MTX) -	0	0	0	0	1	
FKalone -	3	1e+02	34	1.7e+02	7.3e+02	
vHD Prophylaxis -	1	26	16	30	1.3e+02	- 2000
VHD Prophylaxis -	0	80	21	97	2.7e+02	
es, but no agent -	0	2	0	6	36	- 1000
PLETION +- other -	0	78	21	92	2.7e+02	
DEPLETION alone -	2	33	13	67	3e+02	
	20	3.0	ہٰہٰ hla_nmdp_6	5.0	60	- 0

# Heatmap: hla\_match\_c\_low vs gvhd\_proph

Dselect +- other -	0	8	43	2000
CDselect alone -	0	47	1.9e+02	- 8000
⊦- others(not FK) -	7	2.1e+02	1.9e+03	7000
iers(not MMF,FK) -	1	21	1.9e+02	- 7000
not FK,MMF,MTX) -	0	5	16	6000
CSA alone -	1	36	1.6e+02	- 6000
ıamide +- others -	7	1.3e+03	9.4e+02	F000
osphamide alone -	17	3.3e+03	1.8e+03	- 5000
+ MMF +- others -	17	5e+02	8.5e+03	4000
others(not MMF) -	15	2.7e+02	3.5e+03	- 4000
rs(not MMF,MTX) -	0	0	1	- 3000
FKalone -	2	1.3e+02	9.9e+02	- 3000
ivHD Prophylaxis -	2	36	1.8e+02	- 2000
VHD Prophylaxis -	6	96	4.1e+02	- 2000
res, but no agent -	0	2	50	- 1000
PLETION +- other -	2	87	4.2e+02	- 1000
DEPLETION alone -	2	61	4e+02	- 0
	00	رٰہ hla_match_c_low	20	- 0

# Heatmap: hla\_match\_drb1\_low vs gvhd\_proph

	· – – –		
Dselect +- other -	20	30	- 8000
CDselect alone -	68	1.7e+02	0000
+- others(not FK) -	4.1e+02	1.7e+03	- 7000
ers(not MMF,FK) -	37	1.7e+02	7000
not FK,MMF,MTX) -	7	14	- 6000
CSA alone -	53	1.4e+02	0000
amide +- others -	1.5e+03	7.8e+02	- 5000
osphamide alone -	3.6e+03	1.5e+03	- 3000
+ MMF +- others -	6.8e+02	8.5e+03	- 4000
others(not MMF) -	3.4e+02	3.5e+03	- 4000
rs(not MMF,MTX) -	0	1	2000
FKalone -	2.4e+02	8.9e+02	- 3000
vHD Prophylaxis -	56	1.6e+02	2000
VHD Prophylaxis -	1.4e+02	3.8e+02	- 2000
es, but no agent -	3	47	1000
PLETION +- other -	1.6e+02	3.4e+02	- 1000
DEPLETION alone -	88	3.7e+02	0
	,\overline{\sqrt{\chi}}\overline{\chi}\ch	ر n_drb1_low	- 0

# Heatmap: hla\_match\_dqb1\_low vs gvhd\_proph

Dselect +- other -	0	12	33		
CDselect alone -	3	40	1.8e+02		
⊦- others(not FK) -	9	2.3e+02	1.7e+03	-	7000
iers(not MMF,FK) -	2	18	1.6e+02		
not FK,MMF,MTX) -	0	3	18	-	- 6000
CSA alone -	0	30	1.6e+02		
ıamide +- others -	10	1.1e+03	1.1e+03	-	- 5000
osphamide alone -	16	2.7e+03	2.3e+03		
+ MMF +- others -	27	5.1e+02	8e+03	-	4000
others(not MMF) -	9	2.8e+02	3.1e+03		
rs(not MMF,MTX) -	0	0	1	-	3000
FKalone -	1	1.3e+02	9.5e+02		
ivHD Prophylaxis -	1	40	1.7e+02	-	2000
VHD Prophylaxis -	1	1e+02	3.8e+02		
res, but no agent -	0	3	45		- 1000
LETION +- other -	5	86	4e+02		
DEPLETION alone -	5	68	3.7e+02		- 0
	00	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	20		J

Heatmap:	vear	hct vs	avhd	proi	рh
i i caci i api	y Cai	1100 00	9	$P \cdot P$	$\sim$

Dselect +- other -	- 1	0	2	2	3	4	2	5	9	14	13	0	0		
CDselect alone -	- 19	3	2	6	12	22	7	27	54	32	61	6	0		
⊦- others(not FK) ⊋	2.8e+0	2 38	33	50	1.4e+02	⊉e+02	1.1e+0	28e+0	42.6e+022	6e+0	<b>2</b> 8e+02	2 52	1	-	- 2000
iers(not MMF,FK) -	- 20	7	4	14	23	14	11	20	39	32	40	0	0		
not FK,MMF,MTX) -	- 1	0	0	0	0	0	1	3	9	2	5	2	0		
CSA alone -	17	1	3	1	8	12	11	15	51	20	64	11	0		
ıamide +- others -	82	17	19	33	93	80	57 1	L.8e+0	B2.8e+052	1e+0	<b>Z</b> 7e+02	2 47	0	-	- 1500
osphamide alone 2	2.3e+0	2 25	25	37	1.6e+02	22e+0	23e+Œ	<b>2</b> 2e+0	<b>2</b> 8e+0 <b>2</b>	le+03	9e+0 <b>2</b>	.6e+02	1		
+ MMF +- others <del>1</del>	.1e+Œ	8.3e+012	.5e+0	22.4e+0	24e+07	25e+0	<b>2</b> 2e+0	<b>2</b> 4e+0	12.9e+013.	6e+0	84e+0	.2e+02	2		
others(not MMF) 4	1.1e+0	22e+02	99	1.6e+0	<b>3</b> 24e+03	23e+0	26e+04	<b>2</b> 2e+0	622e+072	8e+0	<b>Z</b> 8e+02	2 45	0		- 1000
rs(not MMF,MTX) -	. 0	0	0	0	0	0	0	1	0	0	0	0	0		
FKalone <del>1</del>	L.6e+0	2 26	15	16	61	91	69	81	2.5e+012	4e+0	<b>2</b> 7e+02	46	0		
ivHD Prophylaxis -	- 28	1	7	2	9	19	14	13	44	45	68	12	0		
VHD Prophylaxis -	44	15	8	16	30	42	29	30	1.1e+02	84	L.3e+02	14	0	_	- 500
es, but no agent -	- 8	1	0	1	3	3	6	3	7	9	17	4	0		
LETION +- other -	- 53	3	4	6	19	36	23	41	1.1e+02	75 :	L.5e+02	2 23	0		
DEPLETION alone -	48	10	2	7	27	40	34	40	1.1e+02	78 :	L.3e+02	2 22	0		•
	2008	2009	20,20	2017	2012	2013	2014	2015	2016	2027	2028	2019	2020		- 0
i						7	ear_hc								

# Heatmap: hla\_match\_a\_high vs gvhd\_proph

Dselect +- other -	0	13	37	
CDselect alone -	1	59	1.7e+02	- 7000
⊦- others(not FK) -	8	3.2e+02	1.6e+03	
ıers(not MMF,FK) -	0	24	1.8e+02	- 6000
not FK,MMF,MTX) -	0	9	10	
CSA alone -	2	57	1.2e+02	- 5000
ıamide +- others -	9	1.3e+03	8.4e+02	
osphamide alone -	21	3.4e+03	1.4e+03	- 4000
+ MMF +- others -	8	9.7e+02	7.5e+03	4000
others(not MMF) -	6	3.6e+02	3.3e+03	
rs(not MMF,MTX) -	0	0	1	- 3000
FKalone -	2	1.9e+02	8.2e+02	
ivHD Prophylaxis -	0	49	1.4e+02	- 2000
VHD Prophylaxis -	1	1.3e+02	3.5e+02	
res, but no agent -	0	5	36	- 1000
PLETION +- other -	2	1e+02	3.5e+02	
DEPLETION alone -	2	74	3.3e+02	- 0
	0.0	hla_match_a_high	2.0	U

## Heatmap: donor\_age vs gvhd\_proph

Dselect +- other -010110104112311001150001011122101111201011102000301100000000	
CDselect alone -02145377120911446333436152544225616634414350344643345222000000000000	- 400
F- others(not FK) -2149396856859333336523333296929053023303236544326288822412065320210000	
ers(not MMF,FK) -010451736726L0457238221046432343372254341224244233362241011000010000	- 350
not FK,MMF,MTX) -000101112001100120002001000102000000000	
CSA alone -0017384&17&1475463155743431332314005021271331062512010000000000000000000000000000000	- 300
iamide +- others -59 <b>1132998508456486376524982630629539036323890982329022</b> 696320220000	
osphamide alone -61 <b>25537341033333333333333333333333333</b> 29988989887 <b>23214033929</b> 271633522850421110100	- 250
+ MMF +- others 20% (100000000000000000000000000000000000	
others(not MMF) 10 <b>47795855000000000000000000000000000000000</b>	- 200
rs(not MMF,MTX) -0000000000010000000000000000000000000	
FKalone -3581 <b>23396902202222200244</b> 792 <b>219341120975382093857</b> 81509518231010001100	- 150
vHD Prophylaxis -11344211004121338512773236066432362762366041855256312312110000000000	
VHD Prophylaxis -1331 <b>22029</b> 892372 <b>4311610</b> 4799365139676478511188127411859645106354320000000000	- 100
es, but no agent -100132233322101112202131100100100201103210210201010101	
LETION +- other -0271 <b>2025262309624</b> 161 <i>2</i> 971 <b>20</b> 489368891224587111857710571094333321211000000001	- 50
DEPLETION alone -1447 <b>165572</b> 291 <b>0</b> 931 <b>010</b> 48910877109554359797391069384128140944512350421000011000	
\$\frac{\lambda}{\gamma}\frac{\lambda}{\gamma}\frac{\lambda}{\gamma}\frac{\lambda}{\gamma}\frac{\lambda}{\gamma}\frac{\gamma}{\gamma}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma	- 0
_ ~	

# Heatmap: hla\_match\_b\_low vs gvhd\_proph

Dselect +- other -	1	13	39	- 8000
CDselect alone -	1	53	1.9e+02	0000
others(not FK) -	4	2.8e+02	1.8e+03	- 7000
iers(not MMF,FK) -	1	22	1.8e+02	7000
not FK,MMF,MTX) -	0	8	14	- 6000
CSA alone -	1	48	1.5e+02	0000
ıamide +- others -	5	1.5e+03	7.4e+02	- 5000
osphamide alone -	12	3.6e+03	1.5e+03	3000
+ MMF +- others -	18	6.8e+02	8.5e+03	- 4000
others(not MMF) -	11	3.7e+02	3.5e+03	- 4000
rs(not MMF,MTX) -	0	0	1	- 3000
FKalone -	1	1.7e+02	9.6e+02	- 3000
ivHD Prophylaxis -	0	46	1.7e+02	2000
VHD Prophylaxis -	2	1.3e+02	3.9e+02	- 2000
es, but no agent -	0	3	47	1000
PLETION +- other -	2	1.3e+02	3.7e+02	- 1000
DEPLETION alone -	4	73	3.7e+02	- 0
	0.0	hla_match_b_low	20	- 0

## Heatmap: age\_at\_hct vs gvhd\_proph

Dselect +- other -521101000000112121021110000100011113113000010022001002012302200000100000000	
CDselect alone -6.29543223369656336324621322011014457311134930001213325144133054343771000000	- 300
F- others(not FK) - <b>986932335554800523239113</b> 5586& <b>322533880932803514919228339896195559504</b> B7000	300
ers(not MMF,FK) 1297414132143424430333323121112124347355461935412131012322030022255932031000	
ot FK,MMF,MTX) -7111010111000001001001000000020000000000	- 250
CSA alone 28104263545151066532120112200022234231333110110421424325125200812331201100000	
amide +- others 3 <b>23020</b> 65 <b>10485806820280201</b> 6399 <b>106859406654062323252235449522882446800632</b> 36220	- 200
osphamide alone756332436446696644032981682336992528 <del>180098074645</del> 86 <b>399-98X624</b> 0981354690073221	200
+ MMF +- others <b>1e-1902</b> 00 <b>7.832523.3326666883834839(</b> 4/2/2/2011556 <b>4332</b> 2/2/202283914146432222711	
others(not MMF) 742323409253589948642280206533165668884449288863965668844928886396566884492888	- 150
rs(not MMF,MTX) -000000000000000000000000000000000000	
FKalorie - 5398286008360132121973644454942916308256998861189101190923231051181492221047503210	- 100
vHD Prophylaxis 2128255663396655441220011221124246335634303101322659756415342485535022100000	- 100
VHD Prophylaxis 415674.16391161412281295665543152151858119710915798612866711205109963405655911201137521000	
es, but no agent -1000210001020200010000000031110012010001031202412451010011214123000000000	- 50
LETION +- other 537868897914214842964773231204410973781183964341072485112285641335310696824100000	
DEPLETION alone 3181.78758687881.00031646954233301401.00061.08771.1275896285247891.00612385487861.2172962510000	
0.7. k. 6. 6. 20.7. 20.20.20.20.20.20.20.20.20.20.20.20.20.2	- 0

age\_at\_hct

# Heatmap: hla\_match\_a\_low vs gvhd\_proph

Dselect +- other -	0	16	36	- 8000
CDselect alone -	0	62	1.8e+02	
⊦- others(not FK) -	6	3.4e+02	1.8e+03	- 7000
ıers(not MMF,FK) -	0	26	1.9e+02	
not FK,MMF,MTX) -	0	10	12	- 6000
CSA alone -	0	65	1.3e+02	
ıamide +- others -	6	1.4e+03	8.8e+02	- 5000
osphamide alone -	10	3.6e+03	1.4e+03	
+ MMF +- others -	10	1e+03	8.2e+03	- 4000
others(not MMF) -	5	3.3e+02	3.5e+03	
rs(not MMF,MTX) -	0	0	1	- 3000
FKalone -	4	2.3e+02	9e+02	
ivHD Prophylaxis -	2	49	1.7e+02	- 2000
VHD Prophylaxis -	2	1.4e+02	3.8e+02	
res, but no agent -	0	5	45	- 1000
LETION +- other -	2	1.2e+02	3.8e+02	1000
DEPLETION alone -	2	82	3.8e+02	- 0
	0,0	hla_match_a_low	20	- 0

# Heatmap: hla\_match\_b\_high vs gvhd\_proph

Dselect +- other -	0	17	32		
CDselect alone -	2	66	1.6e+02	- 7000	0
+- others(not FK) -	10	2.9e+02	1.7e+03		
iers(not MMF,FK) -	0	23	1.8e+02	- 6000	0
not FK,MMF,MTX) -	0	7	13		
CSA alone -	0	48	1.3e+02		_
ıamide +- others -	3	1.5e+03	7.1e+02	- 5000	J
osphamide alone -	14	3.4e+03	1.3e+03		
+ MMF +- others -	24	8.3e+02	7.8e+03	- 4000	Э
others(not MMF) -	10	4.7e+02	3.2e+03		
rs(not MMF,MTX) -	0	0	1	- 3000	0
FKalone -	4	1.8e+02	8.6e+02		
ivHD Prophylaxis -	1	44	1.5e+02	- 2000	0
VHD Prophylaxis -	4	1.4e+02	3.4e+02		
es, but no agent -	0	1	40	- 1000	0
LETION +- other -	1	1.1e+02	3.5e+02		
DEPLETION alone -	3	78	3.3e+02		
	0.0	ر ر hla_match_b_high	20	- 0	

Heatmap: comorbidity_score vs gvhd_proph	

Dselect +- other -	21	7	14	4	3	3	1	1	0	0	0		
CDselect alone -	1.1e+02	43	42	23	13	7	2	1	2	1	0		3500
⊦- others(not FK) -	1.1e+03	3.1e+02	4e+02 1	L.8e+02	76	64	36	25	16	15	4		
ıers(not MMF,FK) -	91	39	46	19	8	7	5	4	2	0	1	_	3000
not FK,MMF,MTX) -	16	3	1	2	0	0	0	1	0	0	0		
CSA alone -	1e+02	19	45	15	8	11	4	3	2	3	0		
ıamide +- others -	7e+02 4	l.1e+025	5.6e+022	2.2e+021	4e+021	.2e+02	69	41	30	12	7	-	2500
osphamide alone -	1.7e+03	3.8e+021	1e+035	5.2e+023	3.1e+022	.8e+021	.6e+02	1e+02	53	36	19		
+ MMF +- others -	3.9e+03 <mark>1</mark>	9e+03	2.1e+03	3.3e+02	5e+02 4	.6e+022	.7e+02	2e+02 1	.1e+02	70	31	_	2000
others(not MMF) -	1.4e+03	3.2e+029	).6e+02	3.8e+021	9e+021	.5e+02	98	64	43	29	11		
rs(not MMF,MTX) -	0	0	1	0	0	0	0	0	0	0	0		1500
FKalone -	6.4e+021	4e+022	2.1e+02	91	39	43	15	8	8	11	0		
ivHD Prophylaxis -	1.1e+02	34	49	24	14	7	6	9	4	1	0	_	1000
VHD Prophylaxis -	2.5e+02	69	97	40	27	29	11	7	8	5	0		
res, but no agent -	- 28	12	9	3	2	1	4	0	2	0	0		- 500
PLETION +- other -	2.5e+02	75 1	2e+02	43	19	10	11	7	2	3	1		300
DEPLETION alone -	2.3e+02	87	98	35	34	21	7	12	12	2	1		
	0.0	~· 0	2.0	3.0	<b>*</b> .0	50	6.0	10	Ø.	9.0	20.0		. 0
					comor	bidity_s	core						

Heatmap: karnofsky_score vs gvhd_	proph	

Dselect +- other -	0	0	4	3	5	35	6			
CDselect alone -	0	0	8	44	11	1.5e+02	37		- 50	000
⊦- others(not FK) -	0	9	75	3.6e+02	1.7e+02	1.2e+03	3.6e+02			
ıers(not MMF,FK) -	0	0	5	43	16	1.2e+02	33			
not FK,MMF,MTX) -	0	0	1	2	0	15	5		- 40	000
CSA alone -	0	1	11	40	19	1.1e+02	25			
ıamide +- others -	2	3	1e+02	6e+02	2e+02	1.2e+03	1.8e+02			
osphamide alone -	0	19	2.3e+02	1.3e+03	4.2e+02	2.8e+03	4.2e+02		- 30	000
+ MMF +- others -	5	32	5.3e+02	2.7e+03	6.3e+02	5.6e+03	6.8e+02			
others(not MMF) -	1	17	2e+02	9.5e+02	3.2e+02	2.4e+03	2.9e+02			
rs(not MMF,MTX) -	0	0	0	0	0	0	1		- 20	000
FKalone -	1	1	30	2e+02	81	6.4e+02	2.2e+02			
ivHD Prophylaxis -	0	1	11	63	22	1.3e+02	19			
VHD Prophylaxis -	0	2	23	1.1e+02	33	3.1e+02	50		- 10	000
es, but no agent -	0	0	5	17	5	30	4		Τ.	000
LETION +- other -	0	5	21	91	41	2.6e+02	79			
DEPLETION alone -	1	1	20	1.1e+02	47	2.7e+02	54		0	
	<sup>KO</sup> O	50.0	60,0	10,0	80,0	90,0	200.0		- 0	
	karnofsky_score									

Heatmap: hla\_low\_res\_8 vs gvhd\_proph

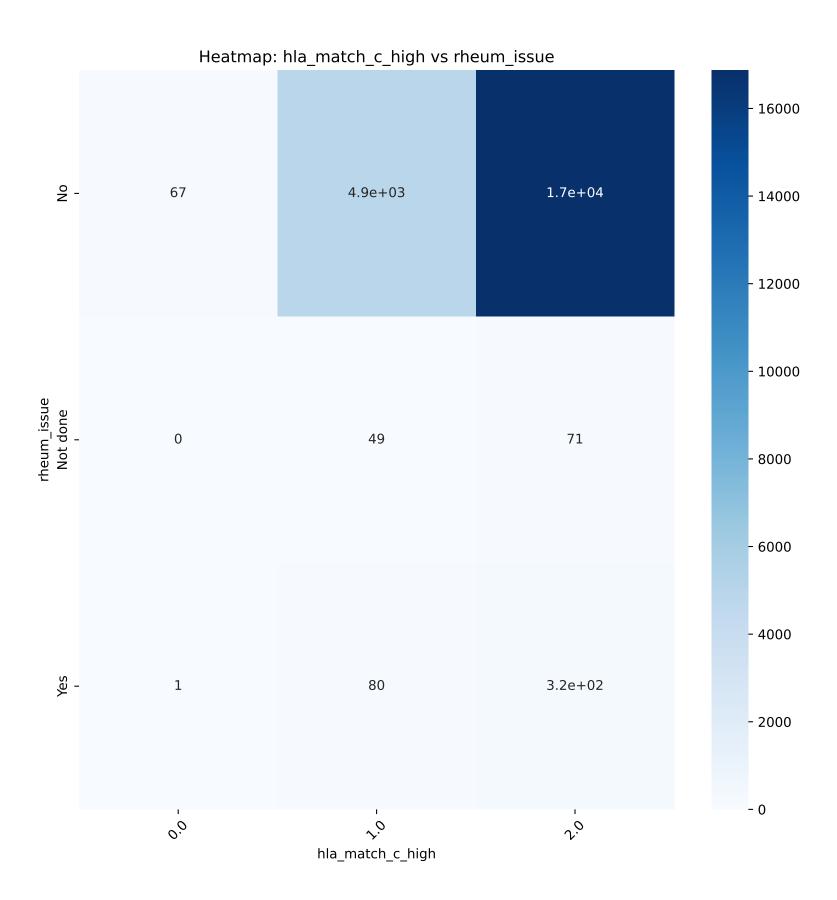
Dselect +- other -	0	0	5	6	4	8	25	- 7000
CDselect alone -	0	0	22	19	20	30	1.4e+02	
⊦- others(not FK) -	0	1	81	1e+02	1.3e+02	2.8e+02	1.4e+03	6000
iers(not MMF,FK) -	0	0	10	3	13	32	1.5e+02	- 6000
not FK,MMF,MTX) -	0	0	2	3	5	1	9	
CSA alone -	0	0	23	16	15	28	1e+02	- 5000
iamide +- others -	0	2	9.8e+02	3.4e+02	2.3e+02	2.4e+02	4.3e+02	
osphamide alone -	0	12	2.6e+03	6.3e+02	4.1e+02	4.8e+02	7.5e+02	- 4000
+ MMF +- others -	0	1	1.8e+02	1.9e+02	3.1e+02	7.8e+02	7.3e+03	
others(not MMF) -	0	1	75	1e+02	1.6e+02	3.4e+02	3e+03	2000
rs(not MMF,MTX) -	0	0	0	0	0	0	1	- 3000
FKalone -	0	1	60	67	72	1.4e+02	7.3e+02	
ivHD Prophylaxis -	0	1	18	13	21	23	1.2e+02	- 2000
VHD Prophylaxis -	1	2	55	37	36	78	2.8e+02	
res, but no agent -	0	0	2	1	0	2	43	- 1000
LETION +- other -	0	1	50	46	39	65	2.8e+02	
DEPLETION alone -	0	1	29	22	21	54	2.9e+02	
	20	3.0	, , ,	ာla_low_res_8	6,0 B	10	&.O	- 0

# Heatmap: hla\_match\_drb1\_high vs gvhd\_proph

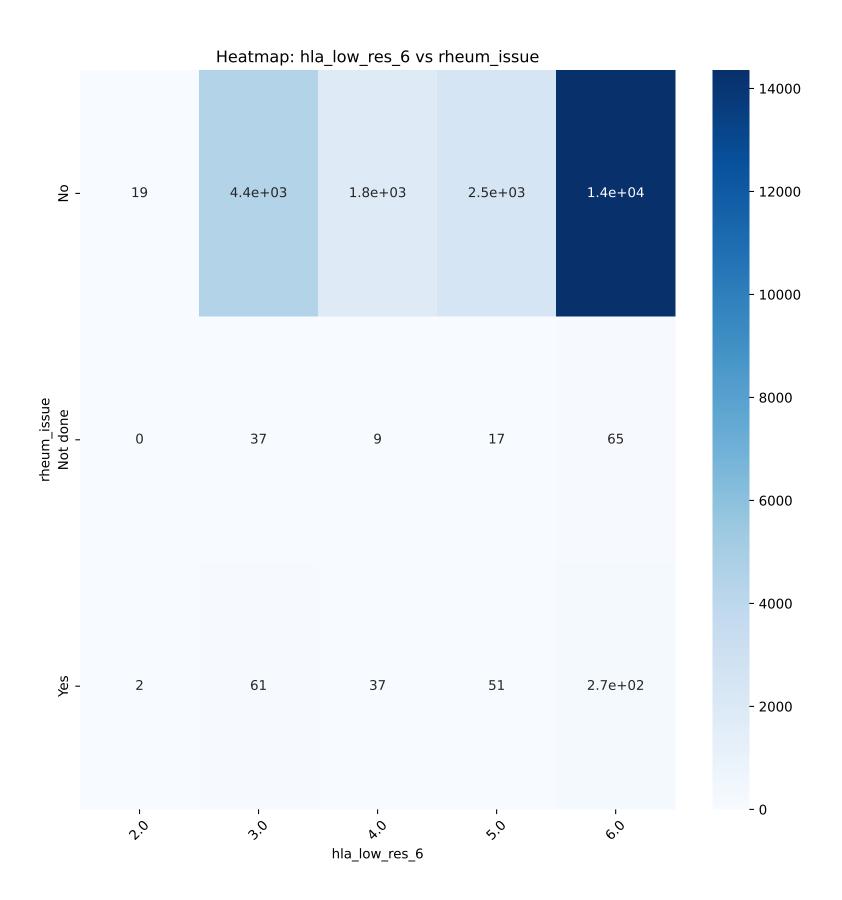
Dselect +- other -	0	21	28	- 8000
CDselect alone -	2	67	1.7e+02	
⊦- others(not FK) -	7	3.8e+02	1.7e+03	- 7000
iers(not MMF,FK) -	0	42	1.6e+02	
not FK,MMF,MTX) -	0	10	12	- 6000
CSA alone -	0	57	1.3e+02	
ıamide +- others -	12	1.5e+03	7.5e+02	- 5000
osphamide alone -	13	3.5e+03	1.4e+03	
+ MMF +- others -	17	6.7e+02	8.2e+03	- 4000
others(not MMF) -	8	3.6e+02	3.4e+03	
rs(not MMF,MTX) -	0	0	1	- 3000
FKalone -	3	2.3e+02	8.6e+02	
ivHD Prophylaxis -	4	44	1.5e+02	- 2000
VHD Prophylaxis -	1	1.5e+02	3.4e+02	2000
es, but no agent -	0	3	41	- 1000
LETION +- other -	2	1.4e+02	3.4e+02	- 1000
DEPLETION alone -	0	89	3.5e+02	
	0.0	ہٰہٰ hla_match_drb1_high	2.0	- 0

## Heatmap: hla\_low\_res\_10 vs gvhd\_proph

Dselect +- other -	0	3	5	3	2	10	20		
CDselect alone -	0	18	12	12	18	29	1.3e+02		- 6000
۱- others(not FK) -	1	51	63	97	1.2e+02	2.7e+02	1.3e+03		
ıers(not MMF,FK) -	0	7	4	5	12	27	1.2e+02		
not FK,MMF,MTX) -	0	0	4	2	4	1	9		- 5000
CSA alone -	0	15	11	13	12	31	98		
iamide +- others -	5	7.4e+02	3.9e+02	2e+02	2e+02	2.2e+02	3.8e+02		- 4000
osphamide alone -	11	2.1e+03	7.8e+02	4.3e+02	3.5e+02	4.2e+02	7e+02		,,,,,
+ MMF +- others -	3	84	1.5e+02	1.6e+02	3.2e+02	8.1e+02	6.7e+03		
others(not MMF) -	1	41	64	96	1.5e+02	3.3e+02	2.6e+03		- 3000
rs(not MMF,MTX) -	0	0	0	0	0	0	1		
FKalone -	0	34	53	50	63	1.4e+02	6.7e+02		- 2000
ivHD Prophylaxis -	0	13	11	14	14	28	1.1e+02		2000
VHD Prophylaxis -	2	39	31	27	42	75	2.5e+02		
es, but no agent -	0	2	0	1	0	2	40		- 1000
LETION +- other -	2	29	43	27	39	64	2.6e+02		
DEPLETION alone -	0	21	17	19	25	53	2.6e+02		
	<b>⊳</b> .0	50	6.0	10	8.0	9.0	20,0		- 0
hla_low_res_10									

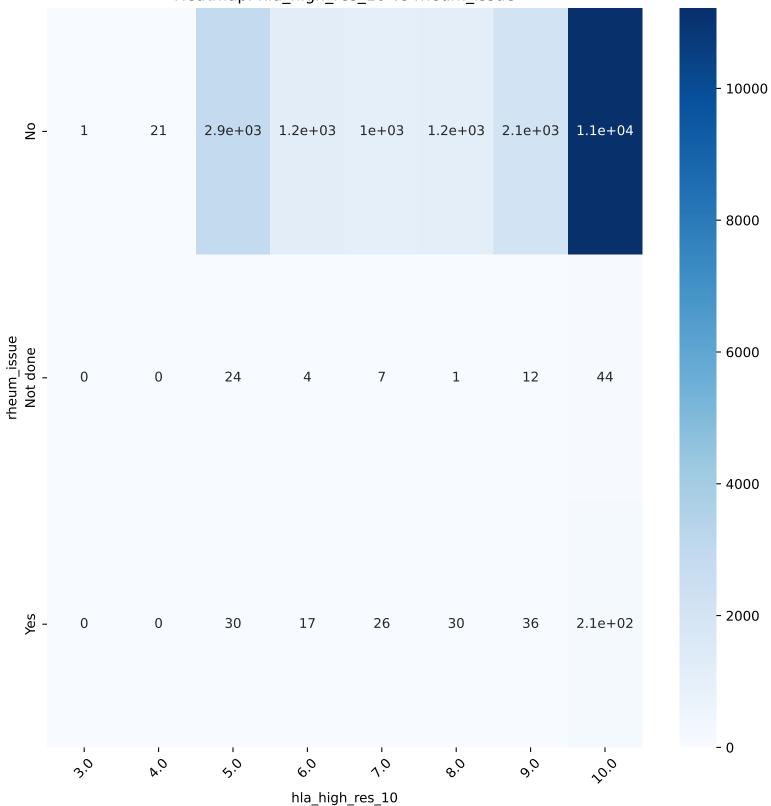


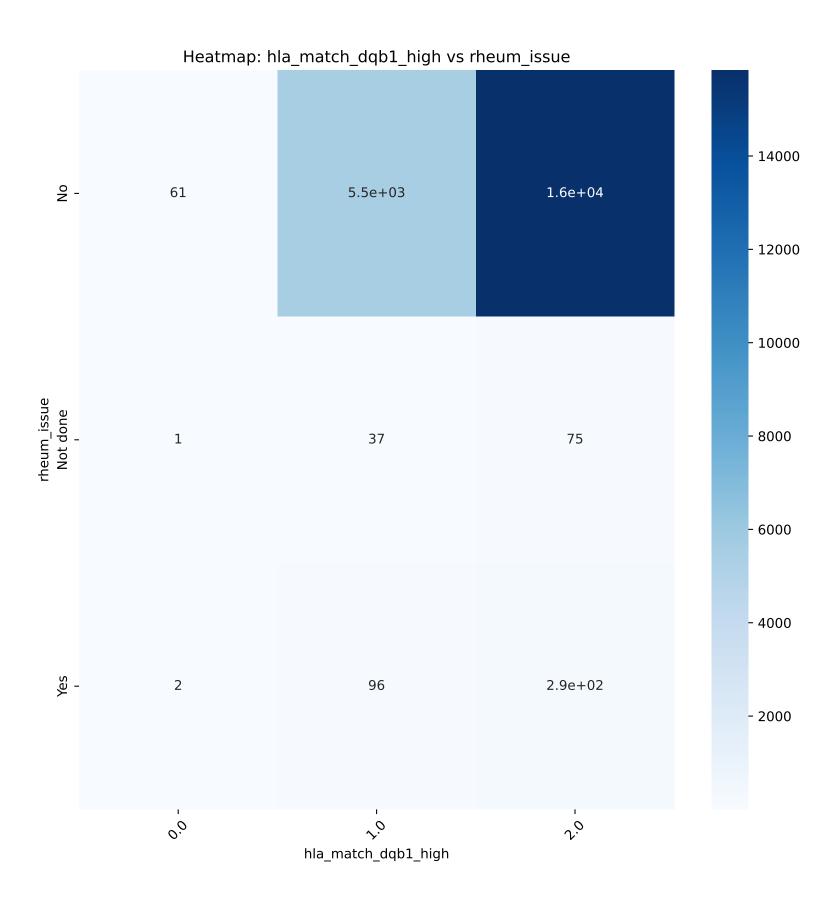
Heatmap: hla\_high\_res\_8 vs rheum\_issue - 12000 ဍိ -2 25 3.4e+03 1.5e+03 1.4e+03 2.1e+03 1.2e+04 - 10000 - 8000 rheum\_issue Not done ' 0 0 28 6 9 11 49 6000 - 4000 Yes -27 39 29 48 2.3e+02 - 2000 - 0 10 Þ. . 60 hla\_high\_res\_8

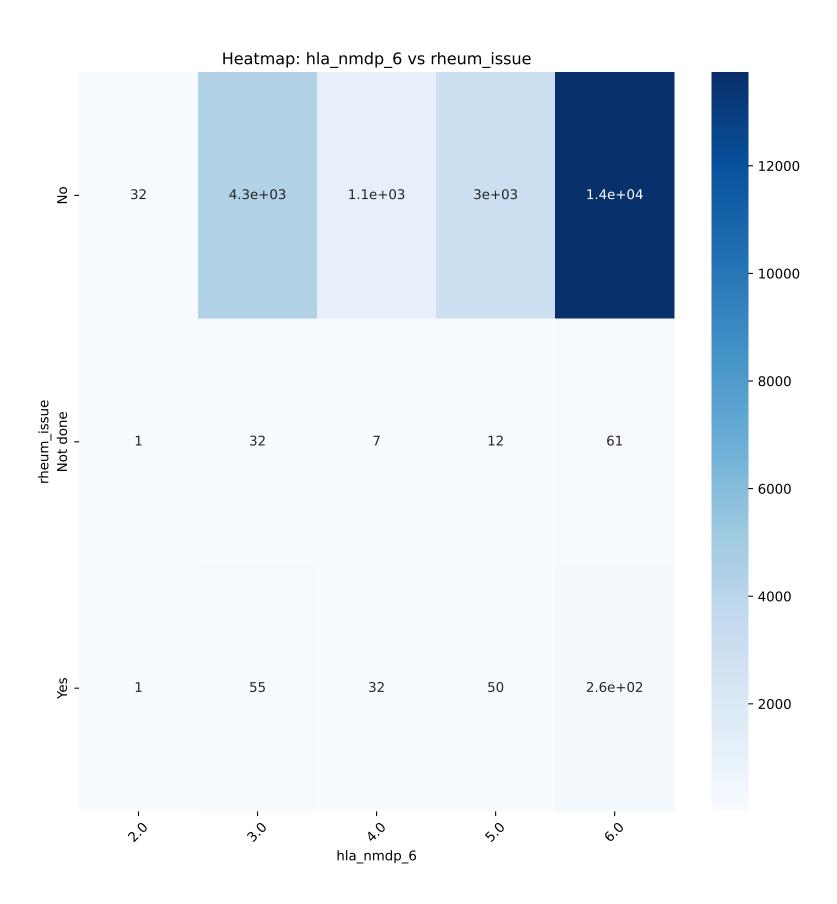


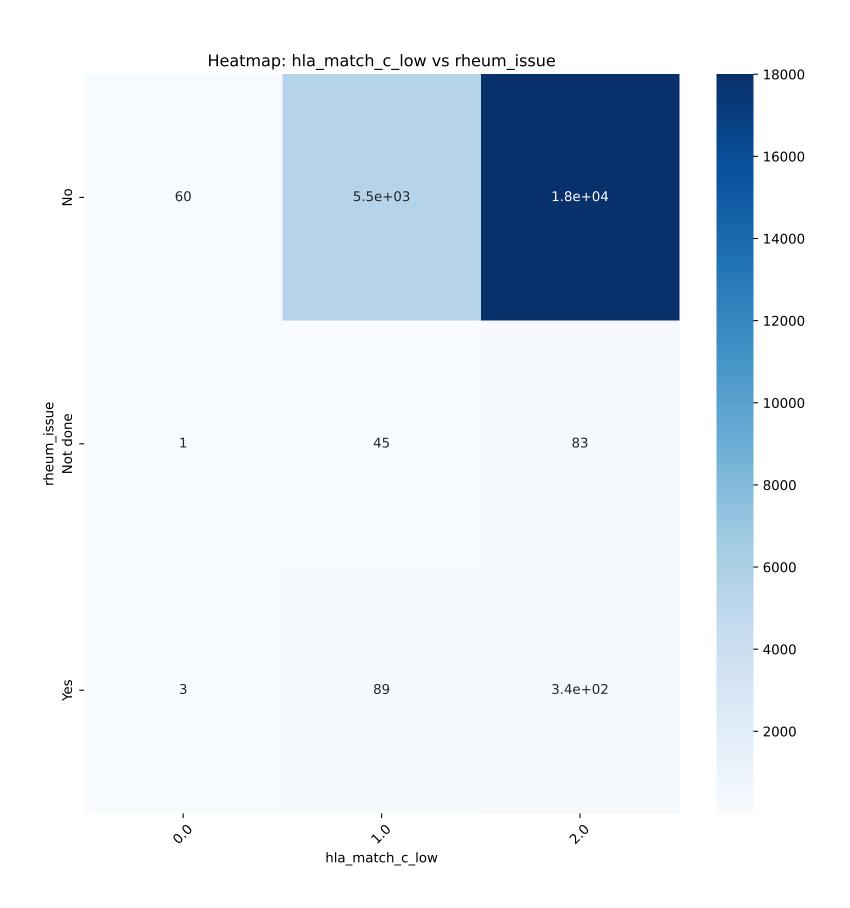
Heatmap: hla\_high\_res\_6 vs rheum\_issue - 12000 ဍိ -1 37 4.1e+03 1.9e+03 2.4e+03 1.3e+04 - 10000 8000 rheum\_issue Not done ' 0 0 29 10 52 14 6000 - 4000 Yes -0 50 33 2.4e+02 57 - 2000 - 0 60 ×0 hla\_high\_res\_6

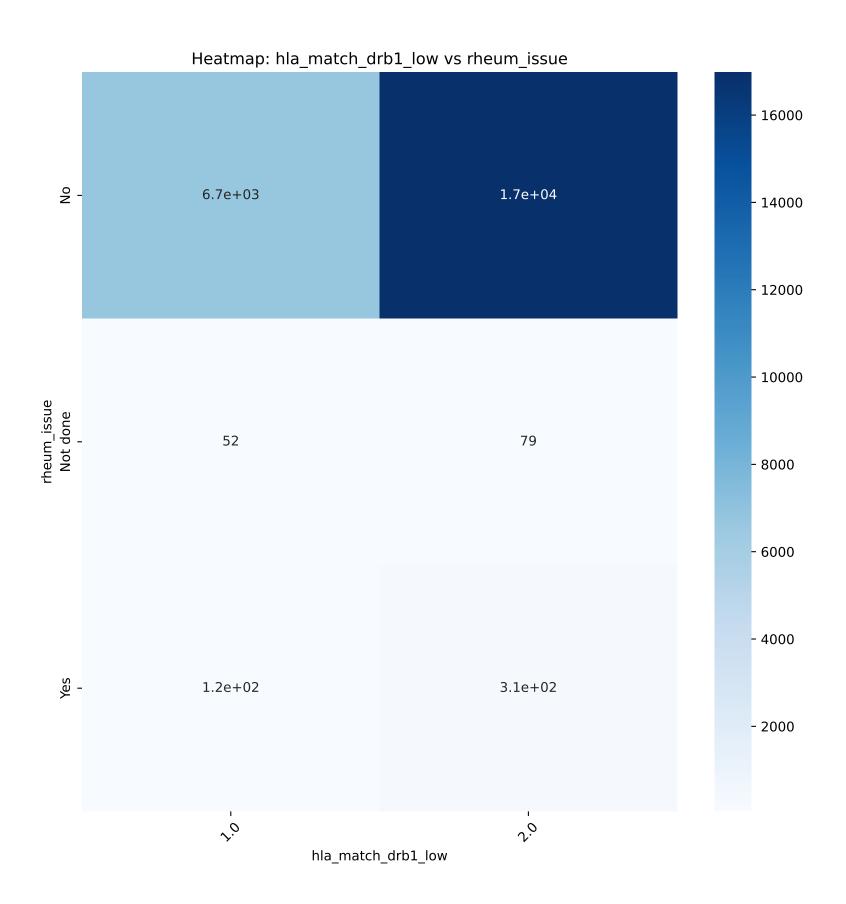
Heatmap: hla\_high\_res\_10 vs rheum\_issue

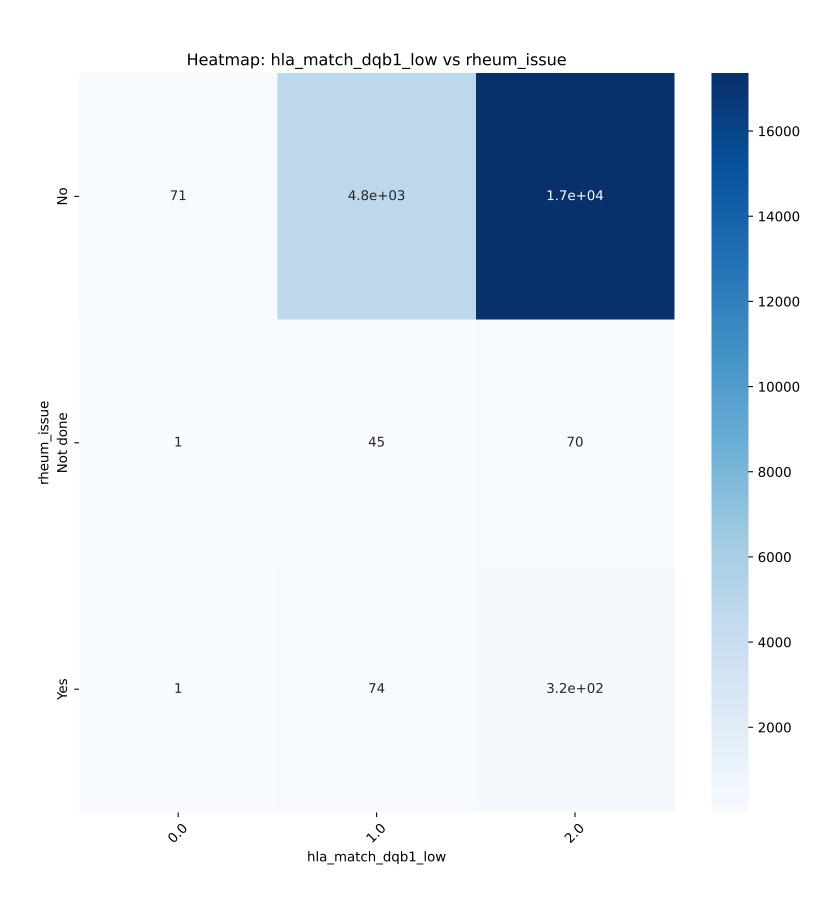


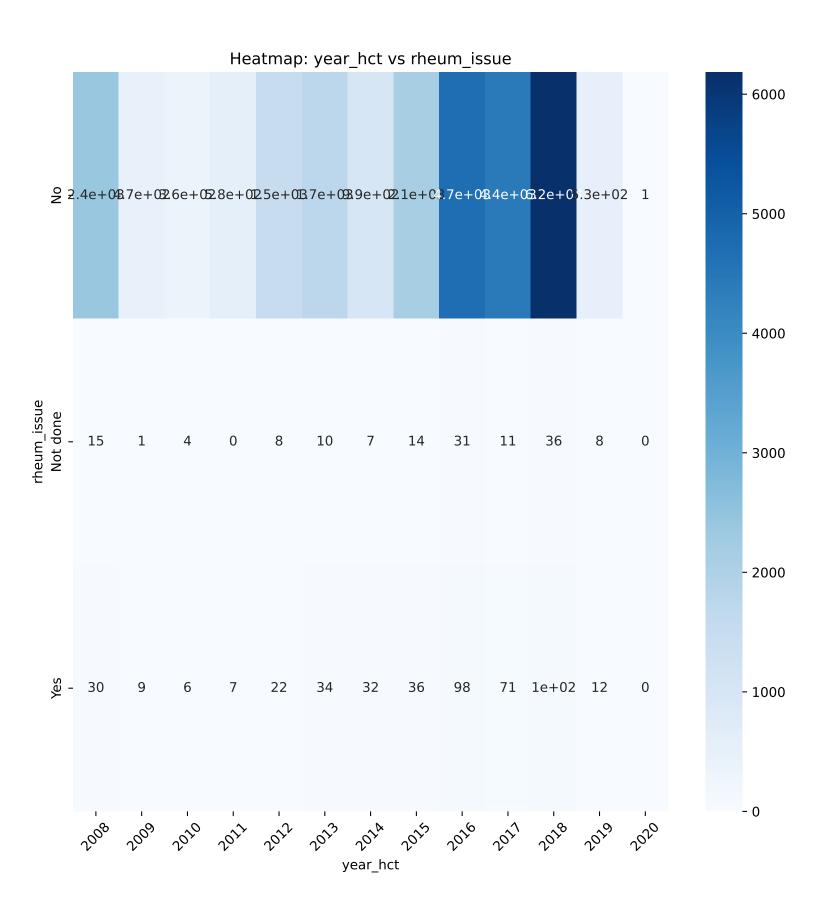


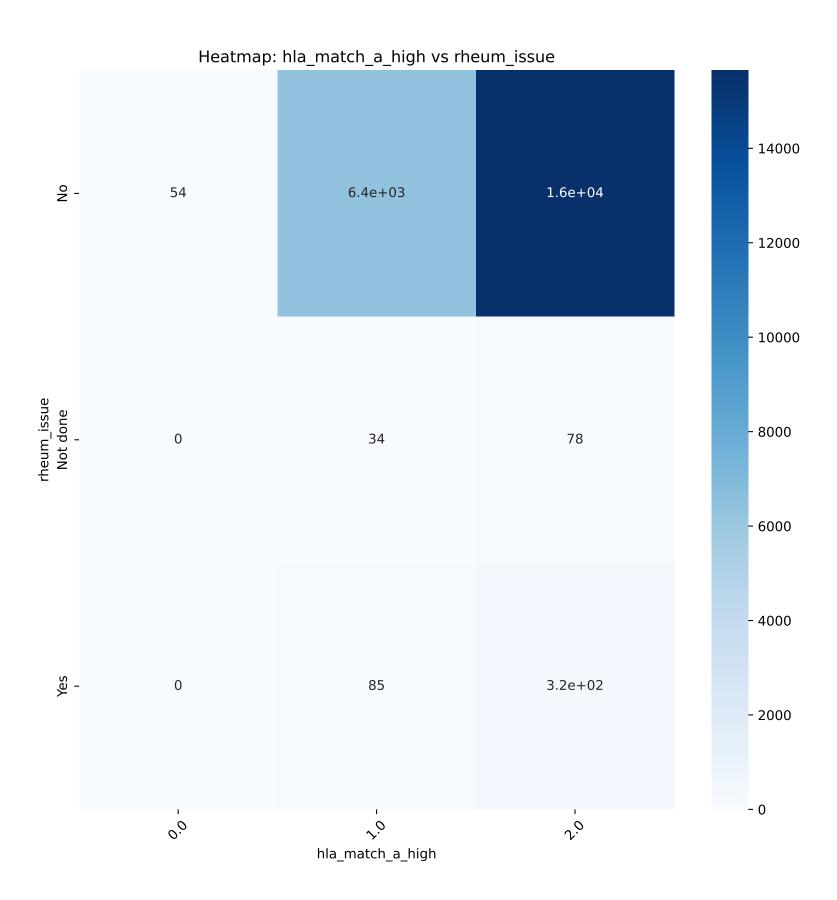




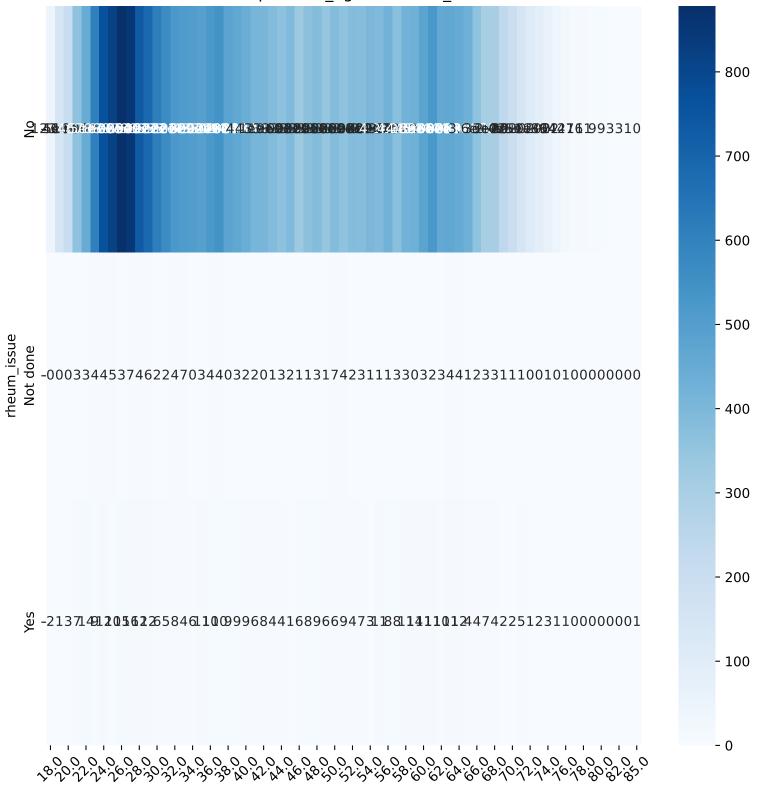


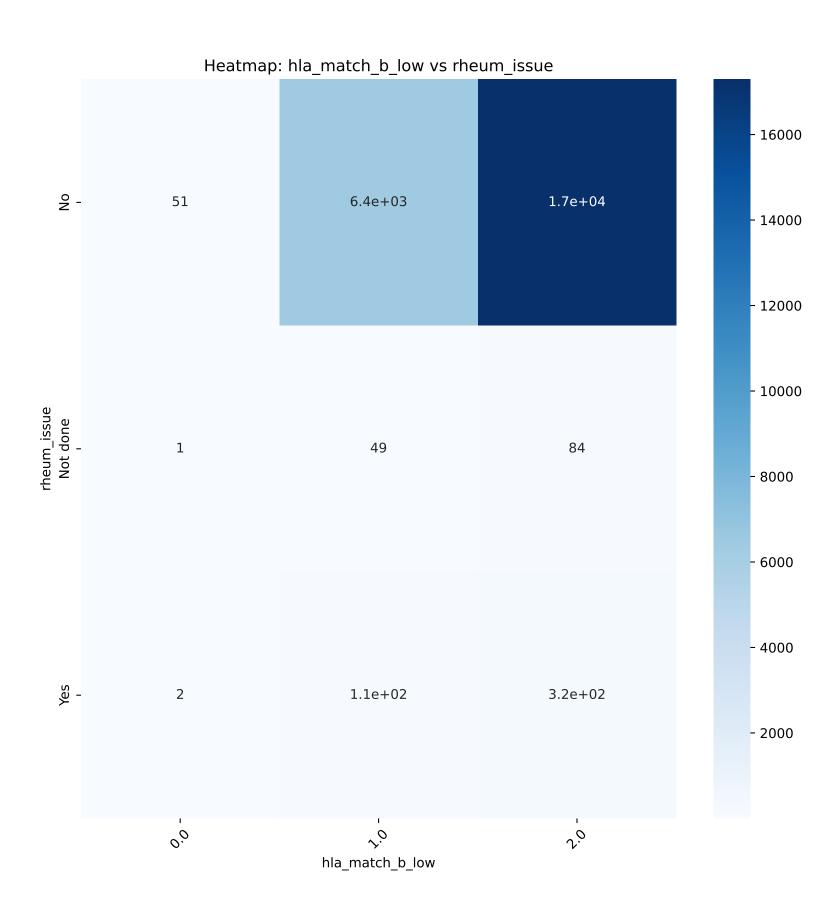


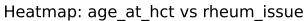


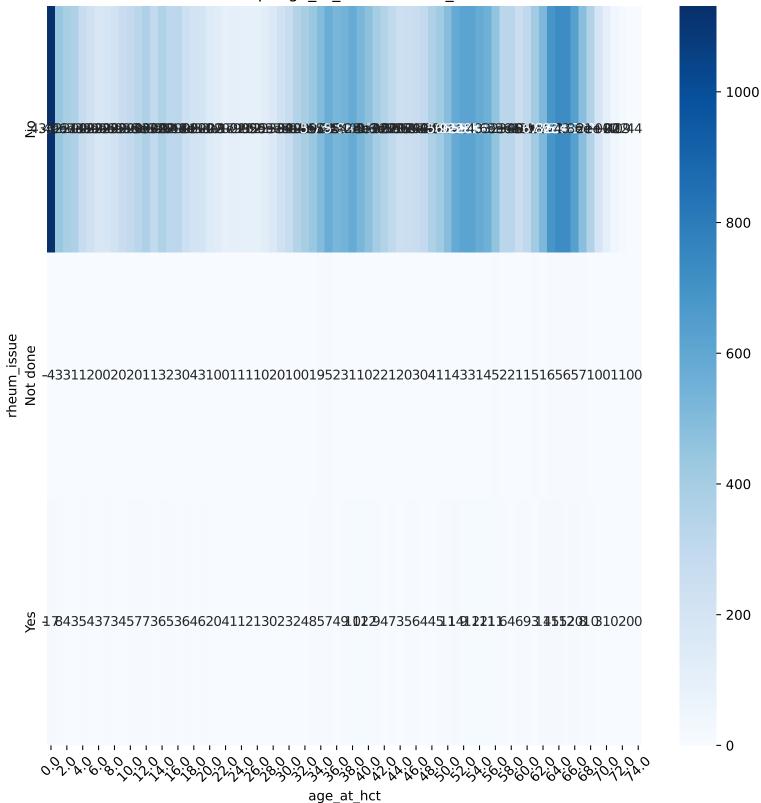


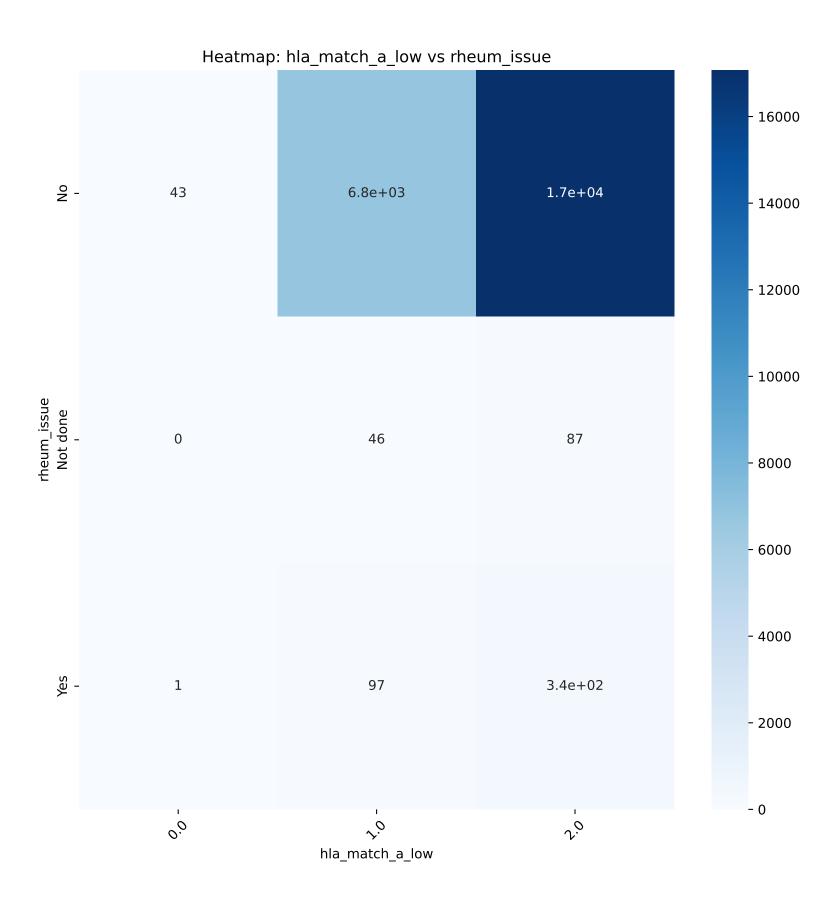
## Heatmap: donor\_age vs rheum\_issue

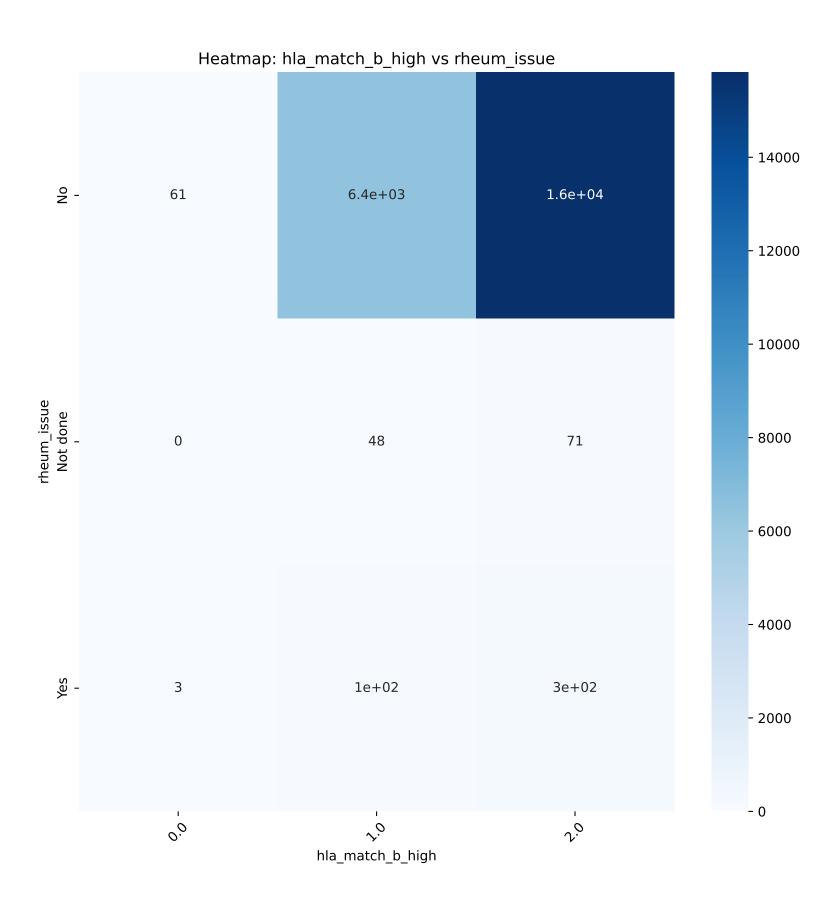


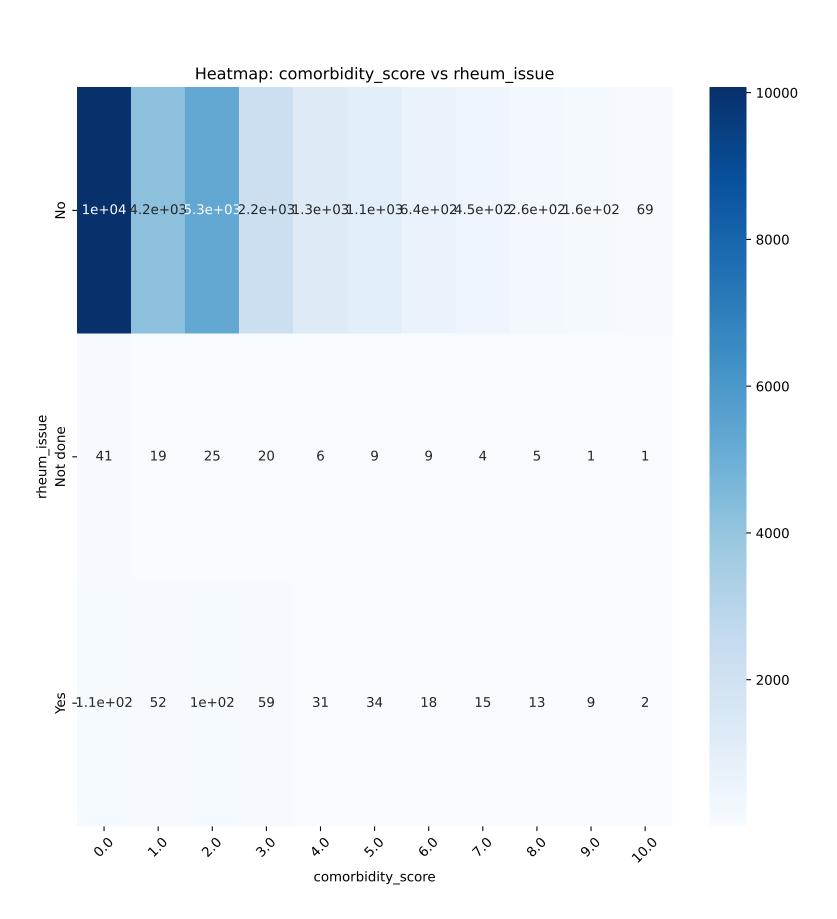


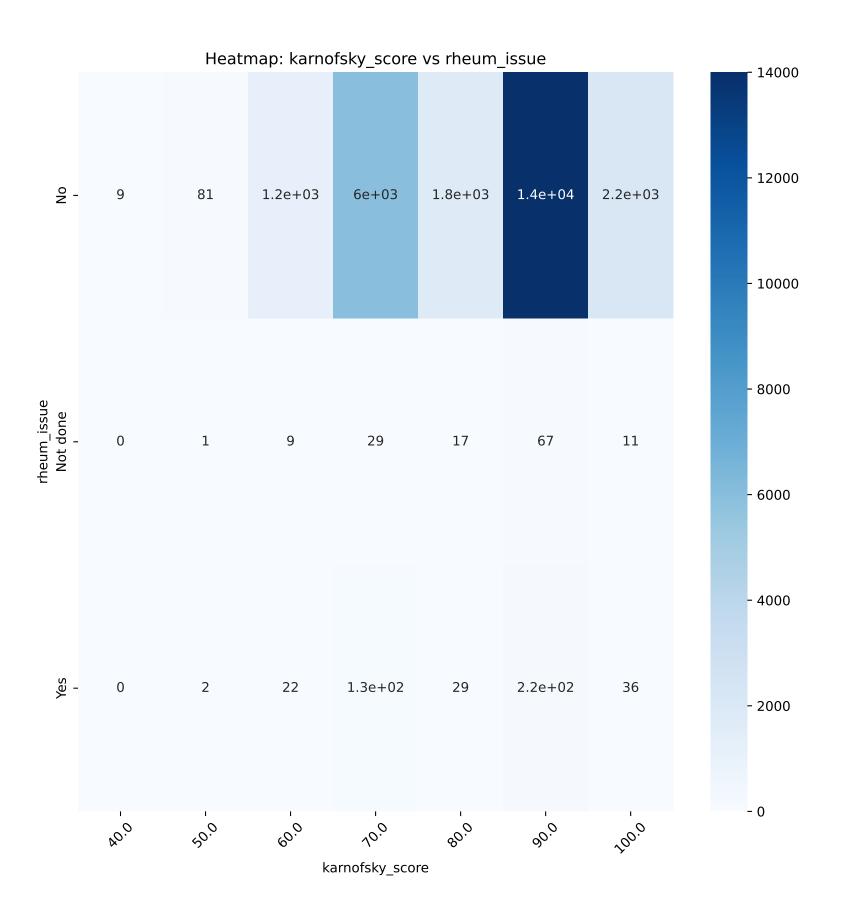




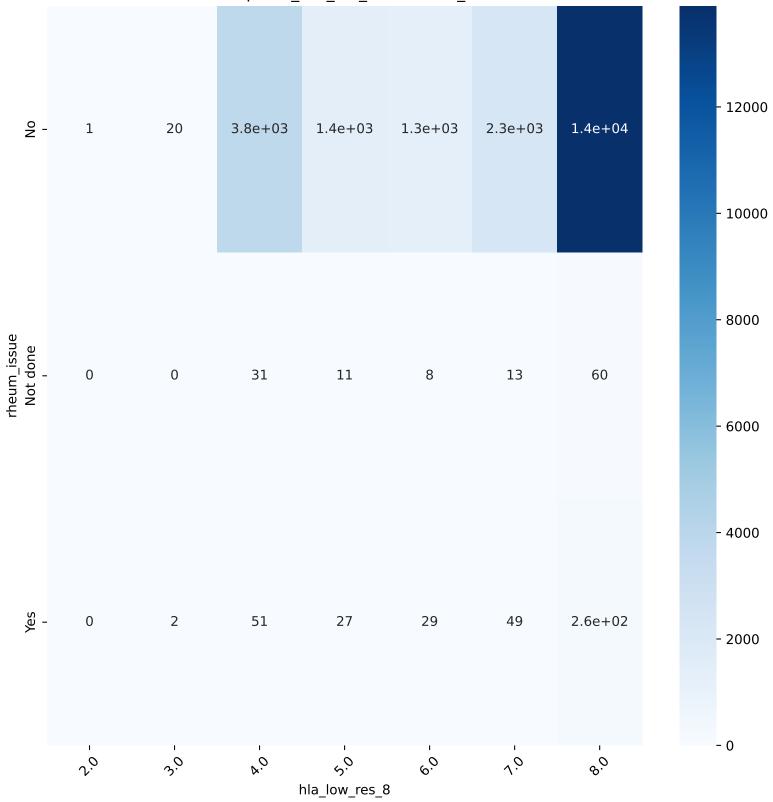


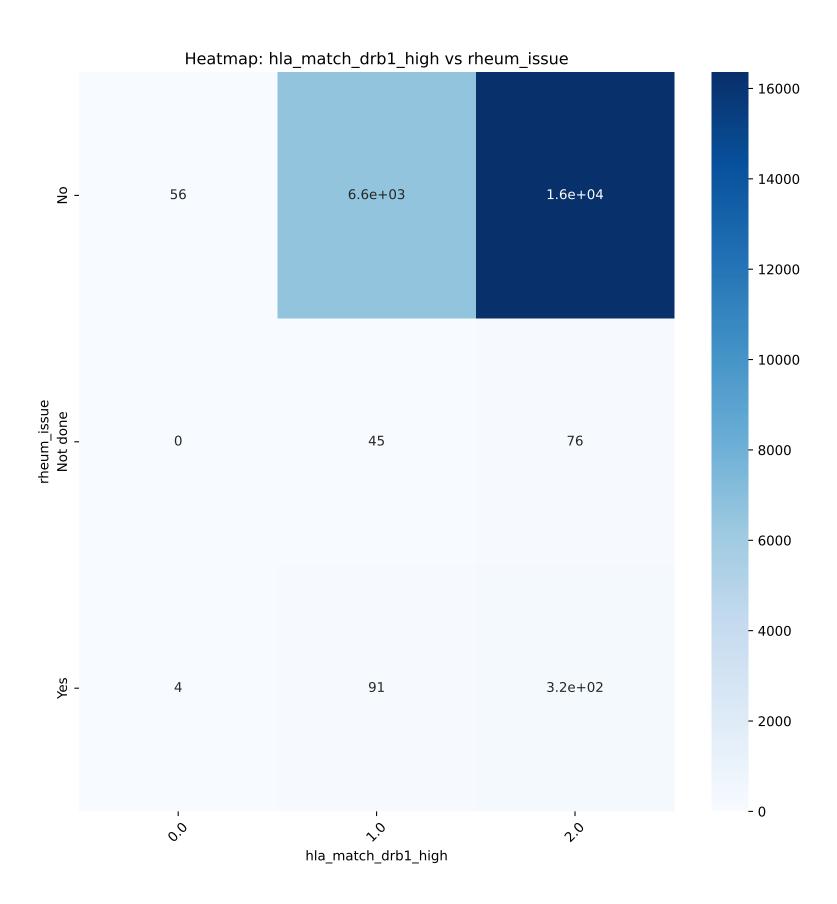




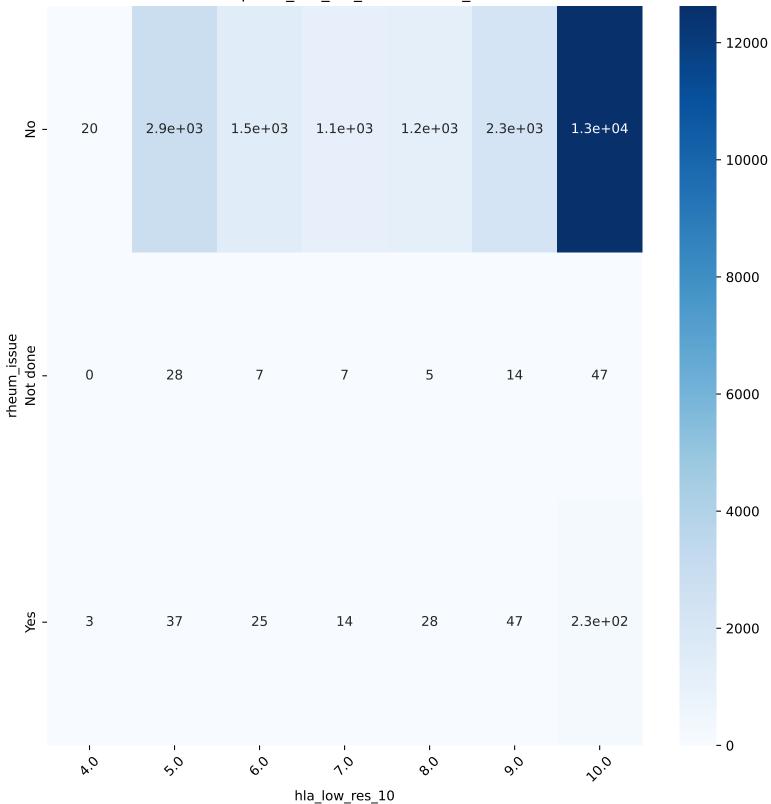


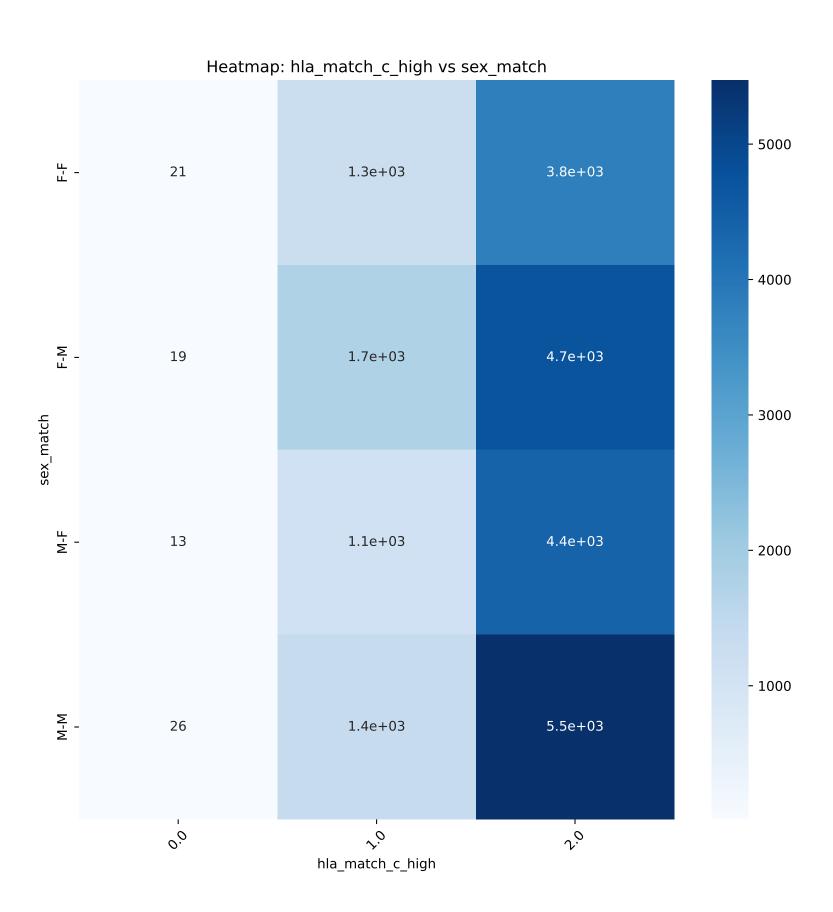
Heatmap: hla\_low\_res\_8 vs rheum\_issue



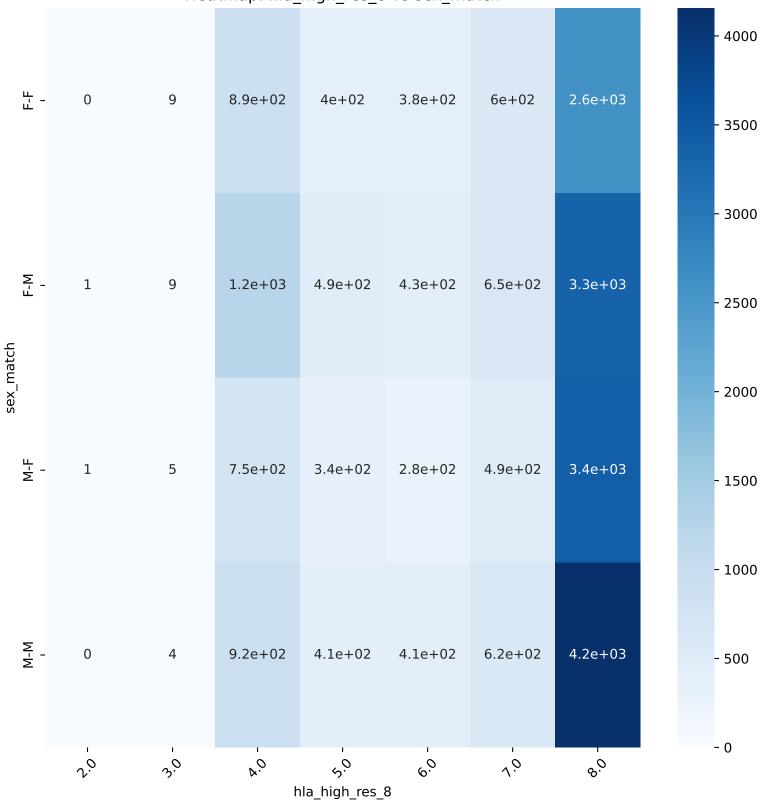


Heatmap: hla\_low\_res\_10 vs rheum\_issue





Heatmap: hla\_high\_res\_8 vs sex\_match

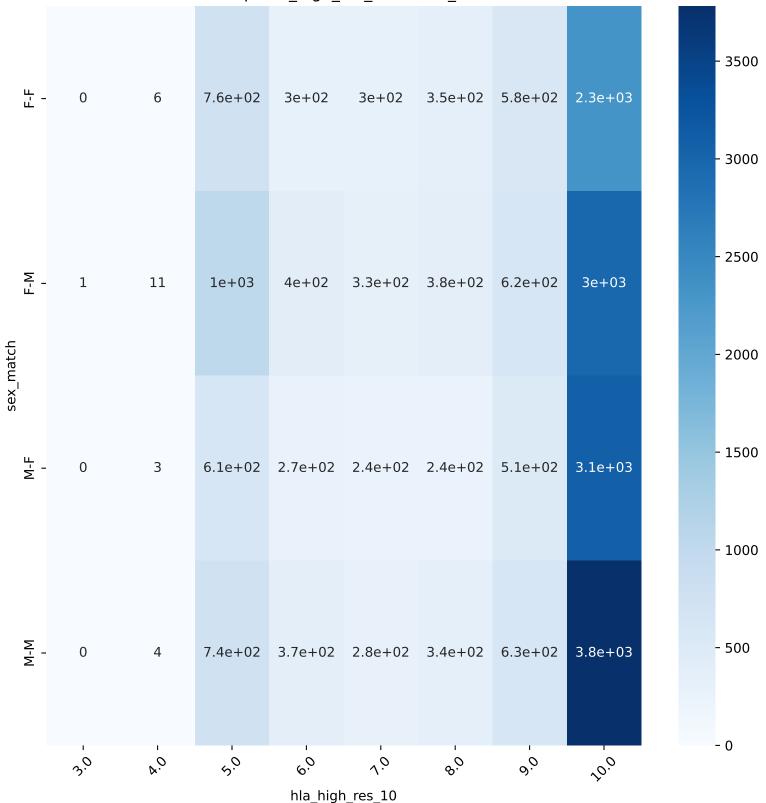


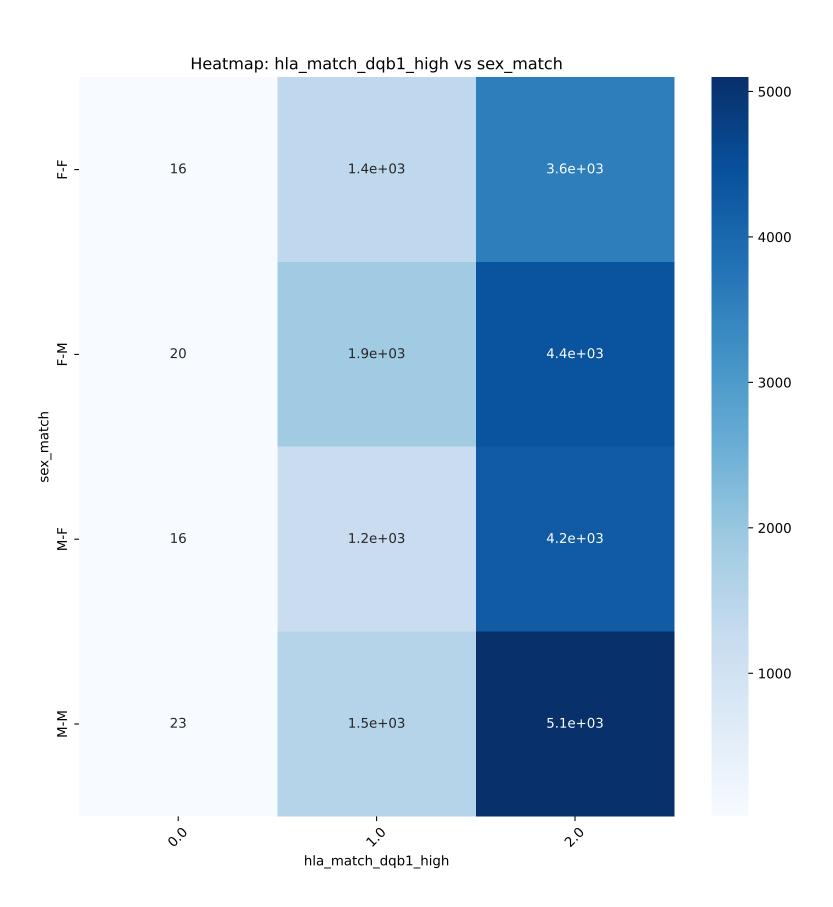
Heatmap: hla\_low\_res\_6 vs sex\_match 3 1.2e+03 4.9e+02 6.9e+02 3e+03 - 4000 Ε'-- 3000 3 3.9e+03 1.6e+03 6.2e+02 7.8e+02 sex\_match - 2000 ¥ -3 9.9e+02 4e+02 3.9e+03 5.8e+02 - 1000 <u>×</u> -13 1.2e+03 5.3e+02 7.2e+02 4.7e+03 30 50 60 0,4 hla\_low\_res\_6

Heatmap: hla\_high\_res\_6 vs sex\_match - 4000 0 9 1.1e+03 5.3e+02 6.7e+02 2.7e+03 - 3500 - 3000 Α -0 3.4e+03 11 1.4e+03 6.3e+02 7.6e+02 - 2500 sex\_match - 2000 ¥ -1 9 9.2e+02 3.5e+03 3.9e+02 5.6e+02 - 1500 - 1000 ∑ -0 13 1.1e+03 5.5e+02 7.1e+02 4.3e+03 - 500 - 0 0.0 20 30 60

hla\_high\_res\_6

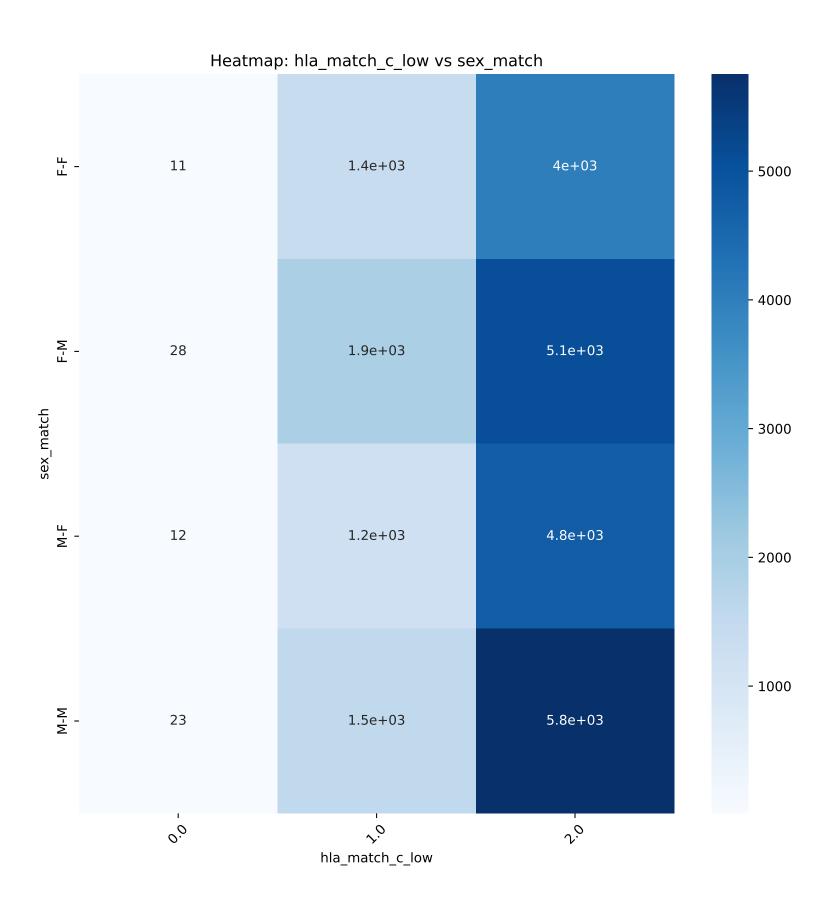
Heatmap: hla\_high\_res\_10 vs sex\_match

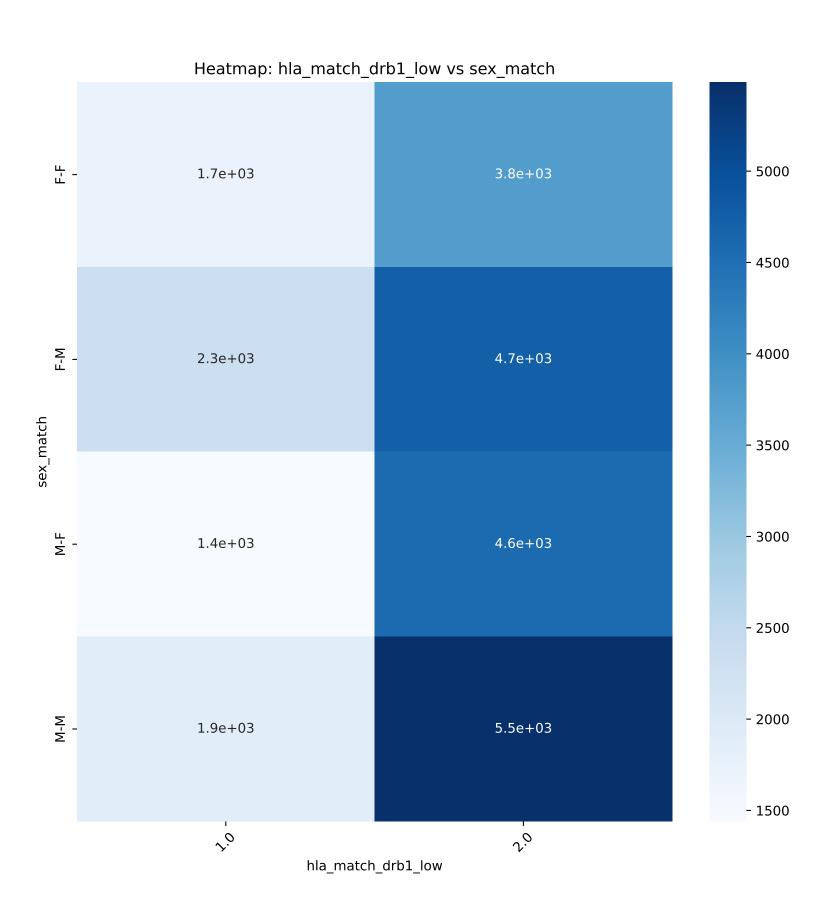


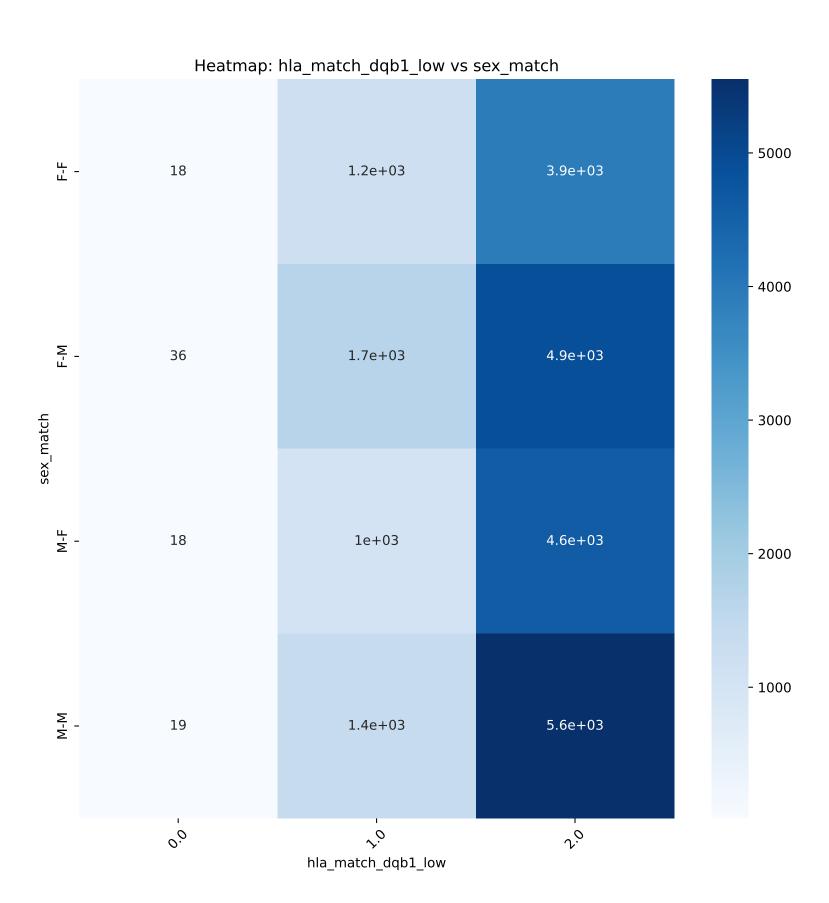


Heatmap: hla\_nmdp\_6 vs sex\_match 9 1.1e+03 2.8e+02 9e+02 2.9e+03 - 4000 - 3000 Ε'-9 3.8e+03 1.6e+03 4.1e+02 8.1e+02 sex\_match - 2000 ¥ -6 9.7e+02 2.4e+02 7.5e+02 3.7e+03 - 1000 <u>₩</u> -11 4.6e+03 1.2e+03 3.4e+02 8e+02 60 30 **%**.0 50

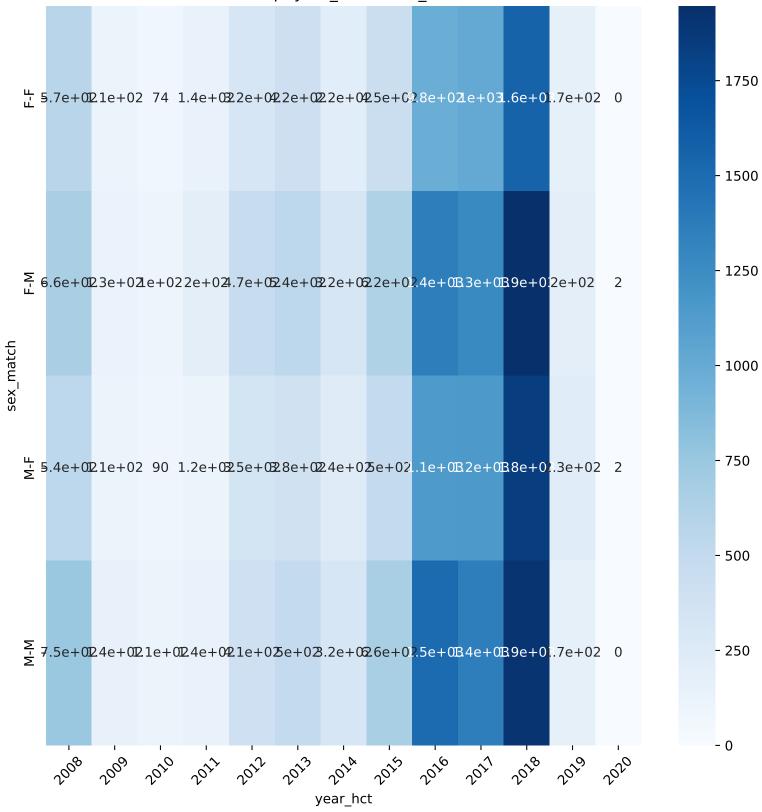
hla\_nmdp\_6

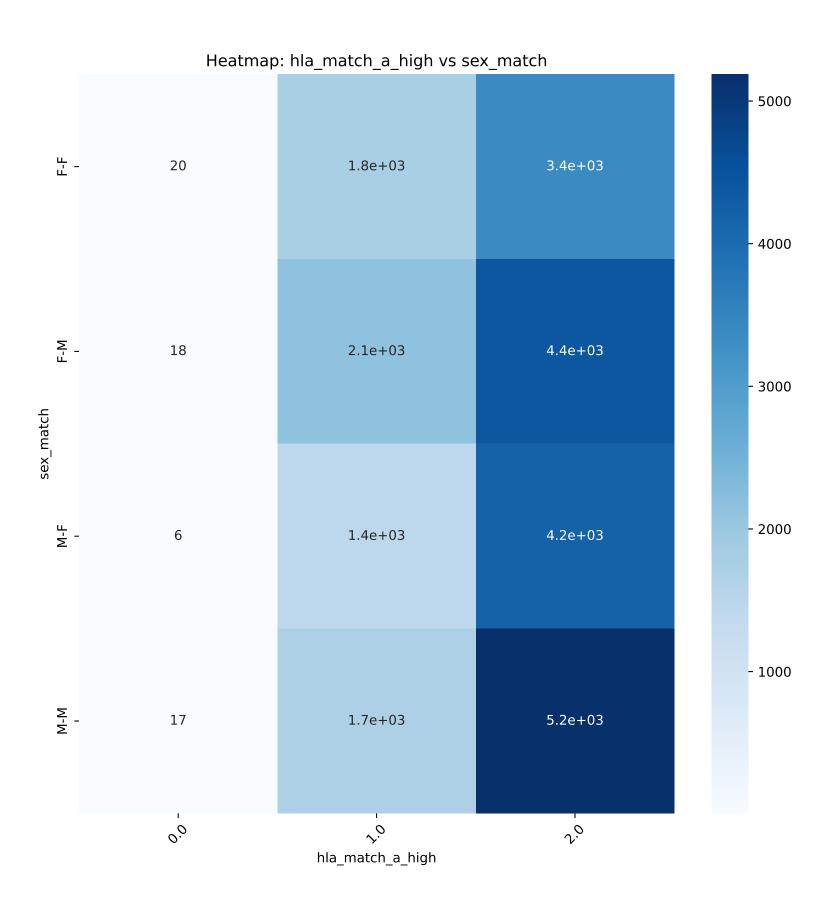


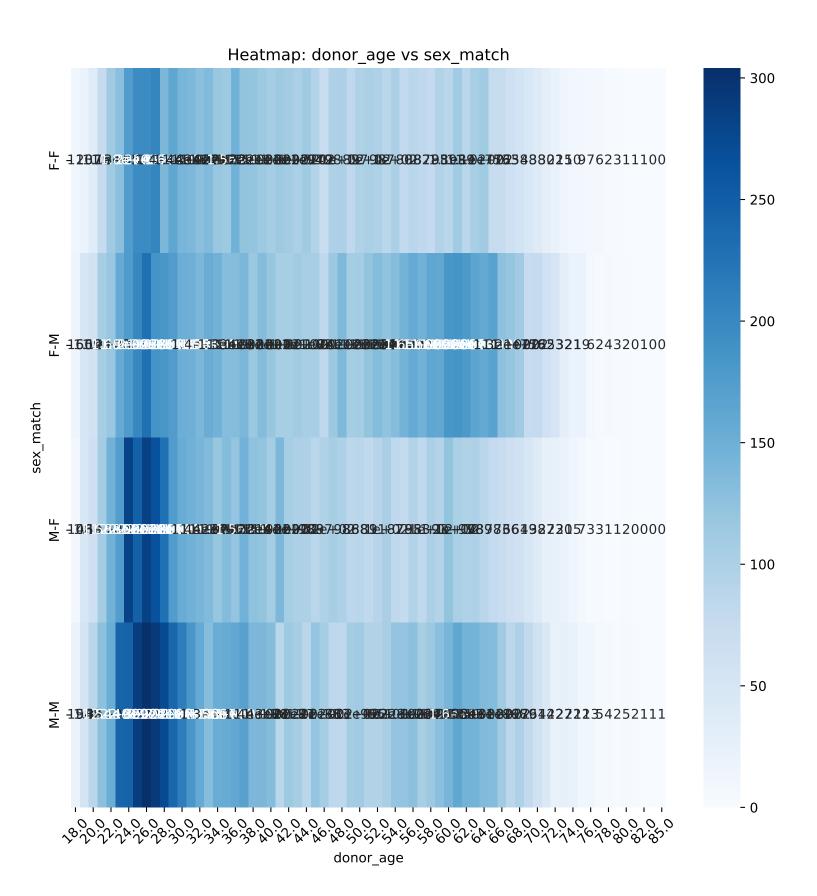


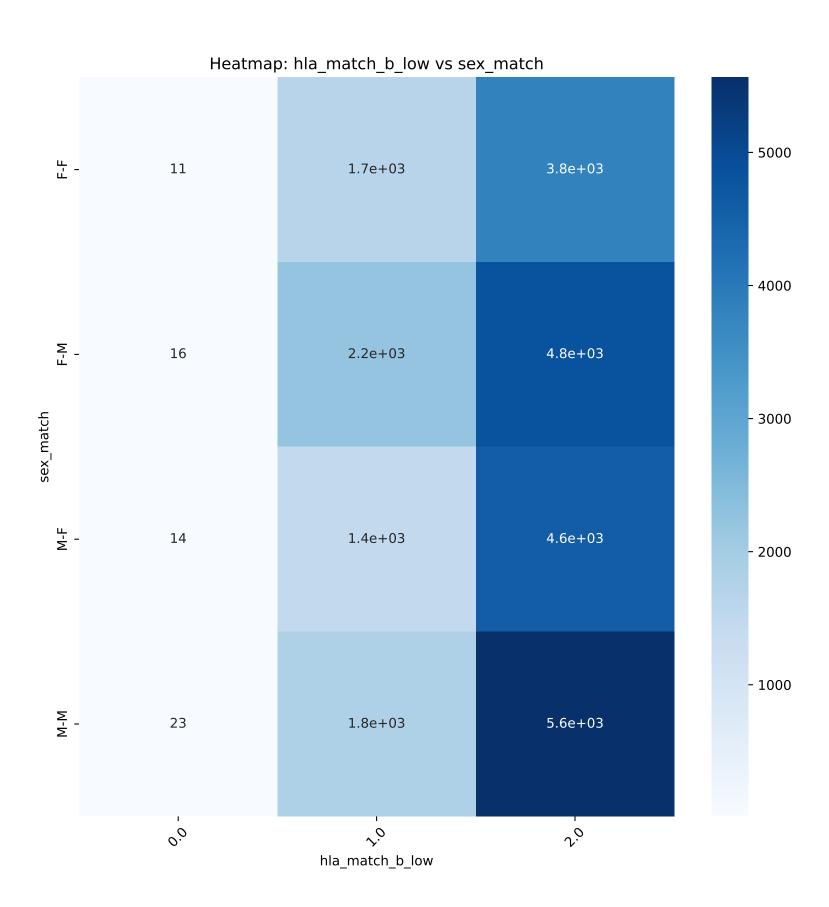


Heatmap: year\_hct vs sex\_match

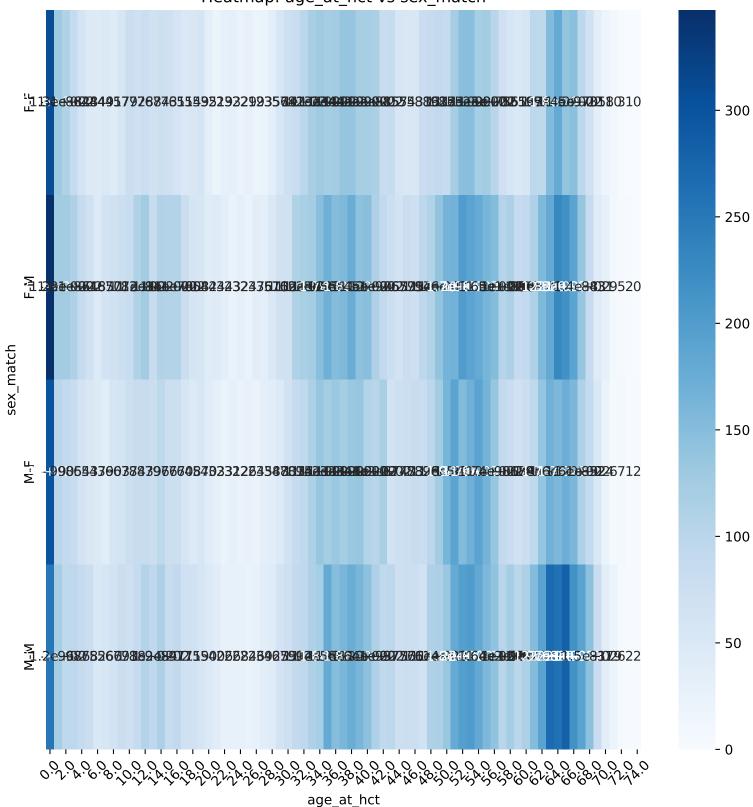


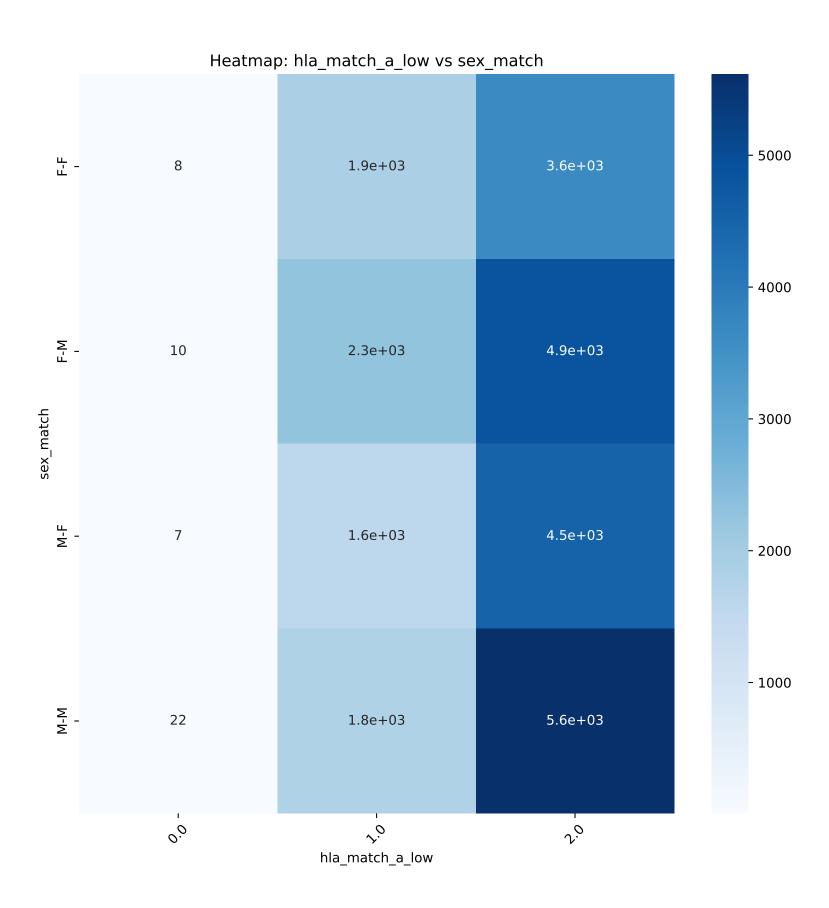


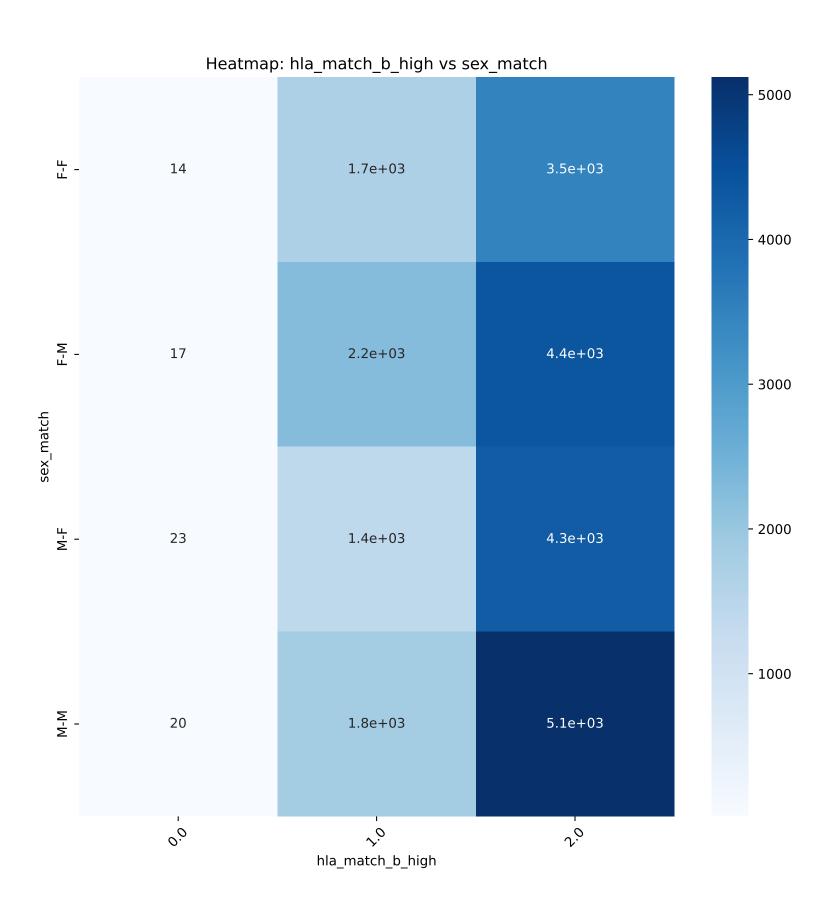


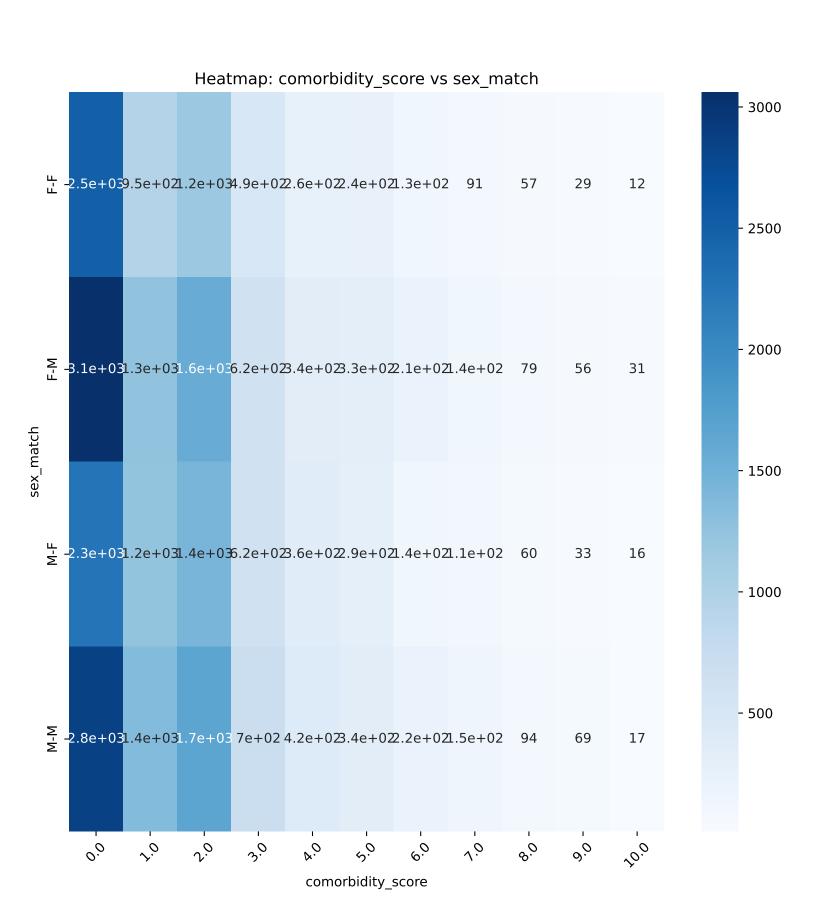


## Heatmap: age\_at\_hct vs sex\_match

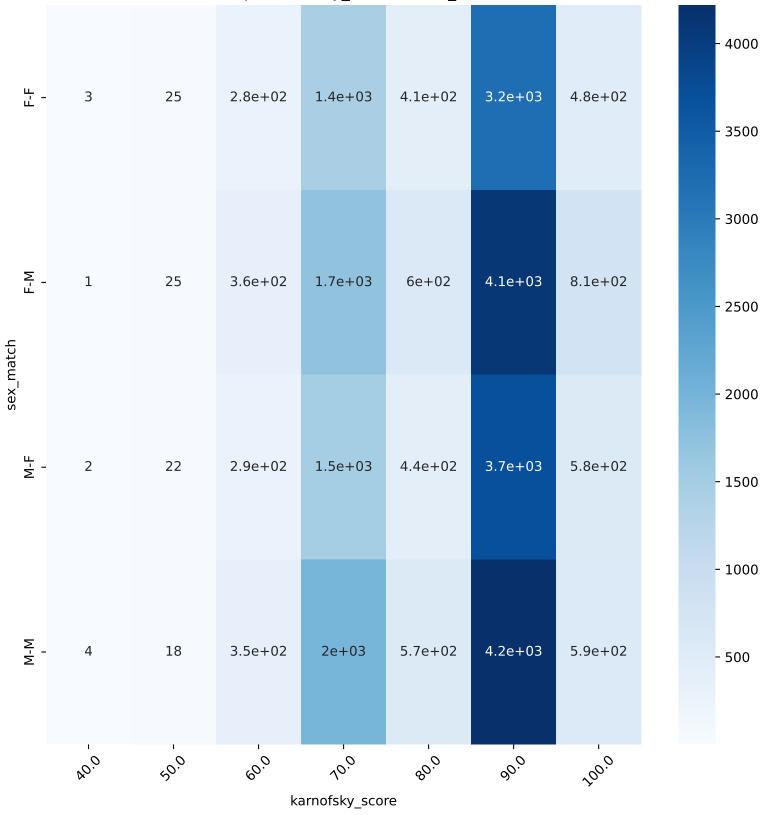




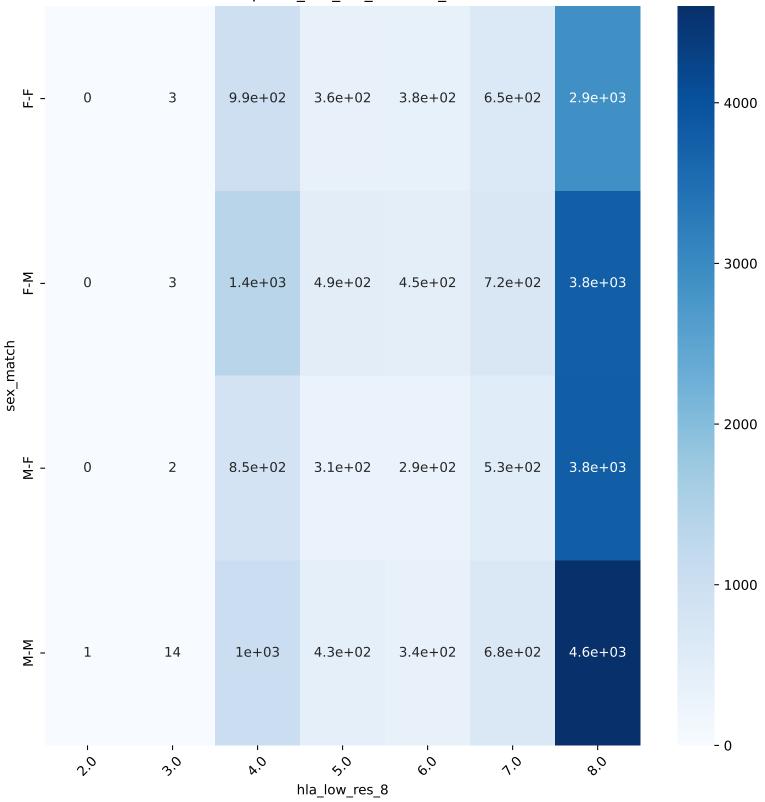


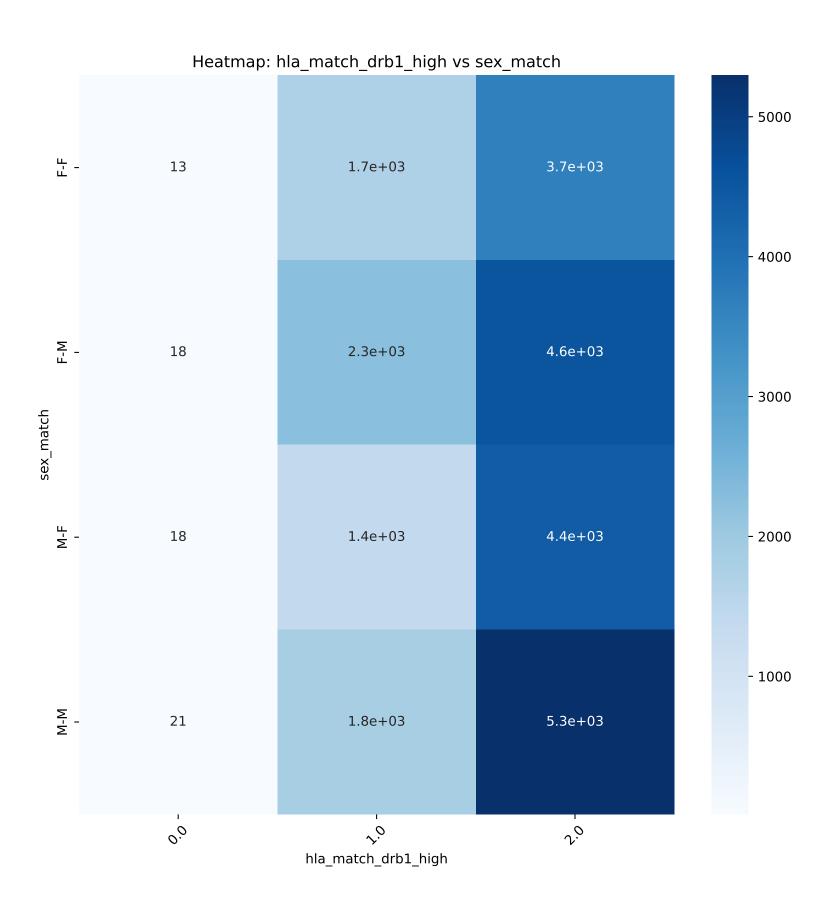


Heatmap: karnofsky\_score vs sex\_match

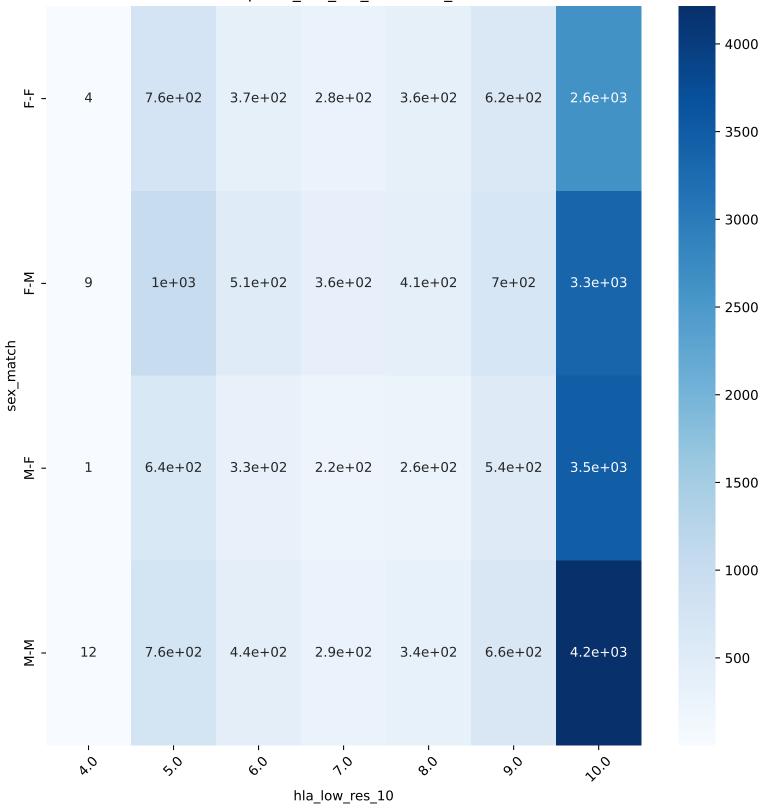


Heatmap: hla\_low\_res\_8 vs sex\_match

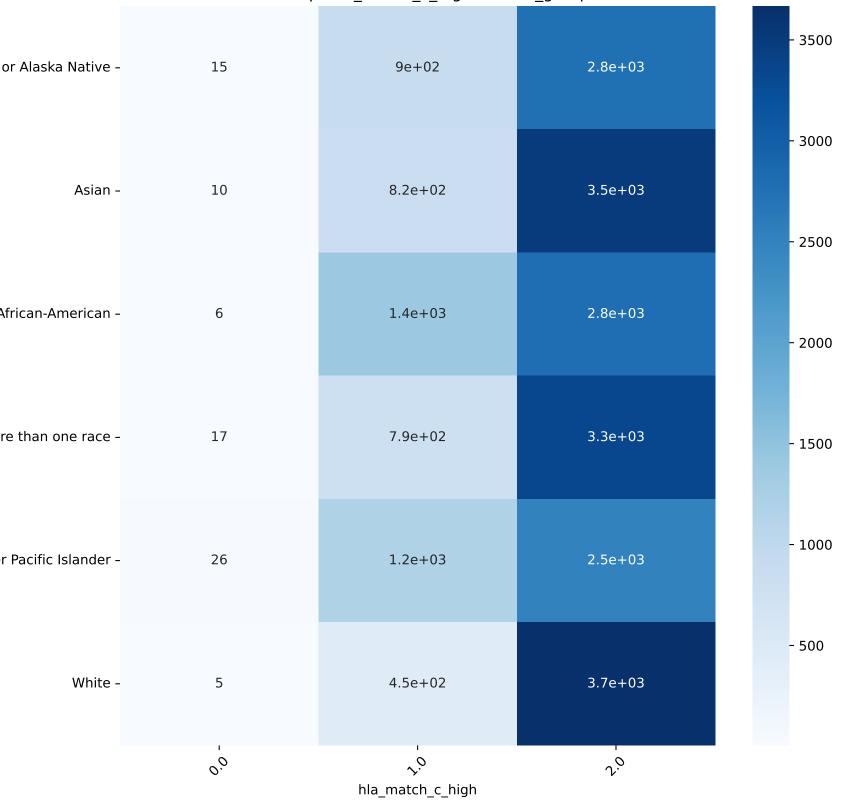




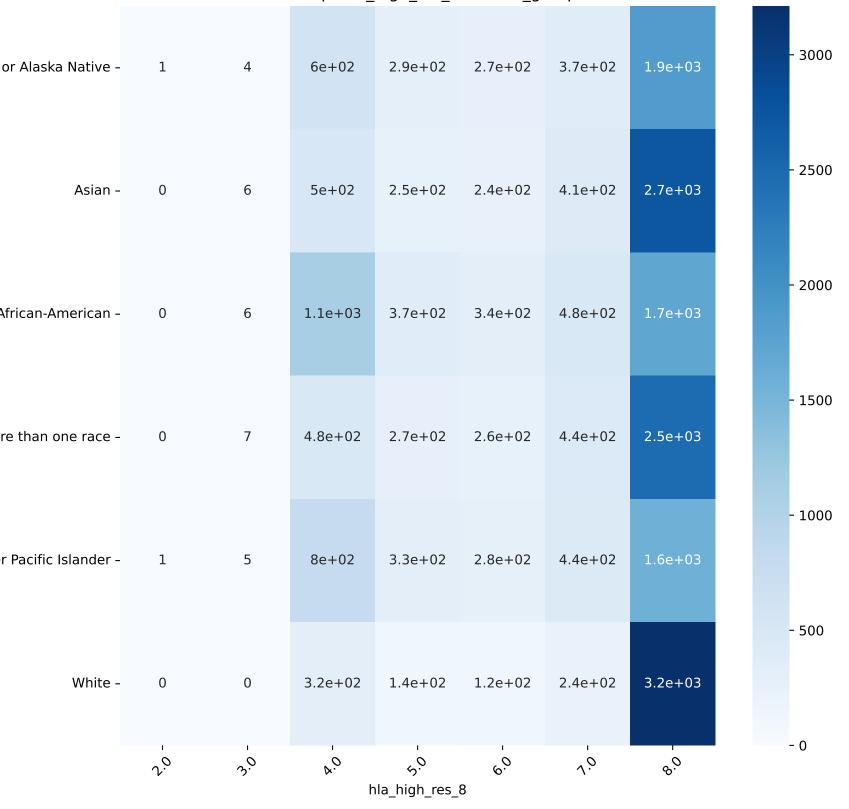
Heatmap: hla\_low\_res\_10 vs sex\_match



Heatmap: hla\_match\_c\_high vs race\_group

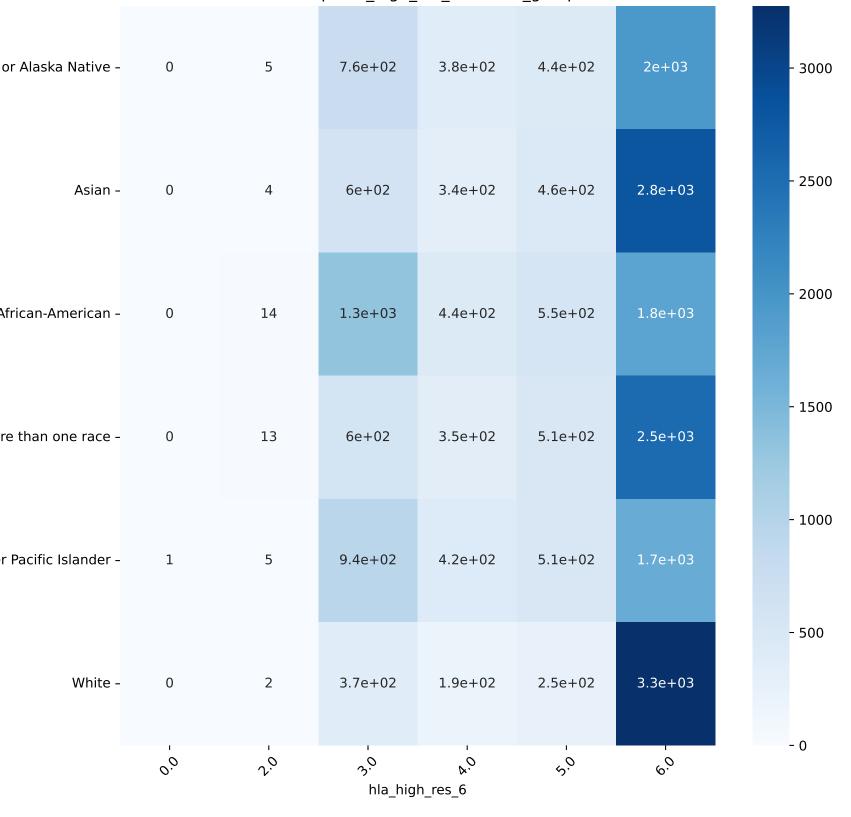


Heatmap: hla\_high\_res\_8 vs race\_group

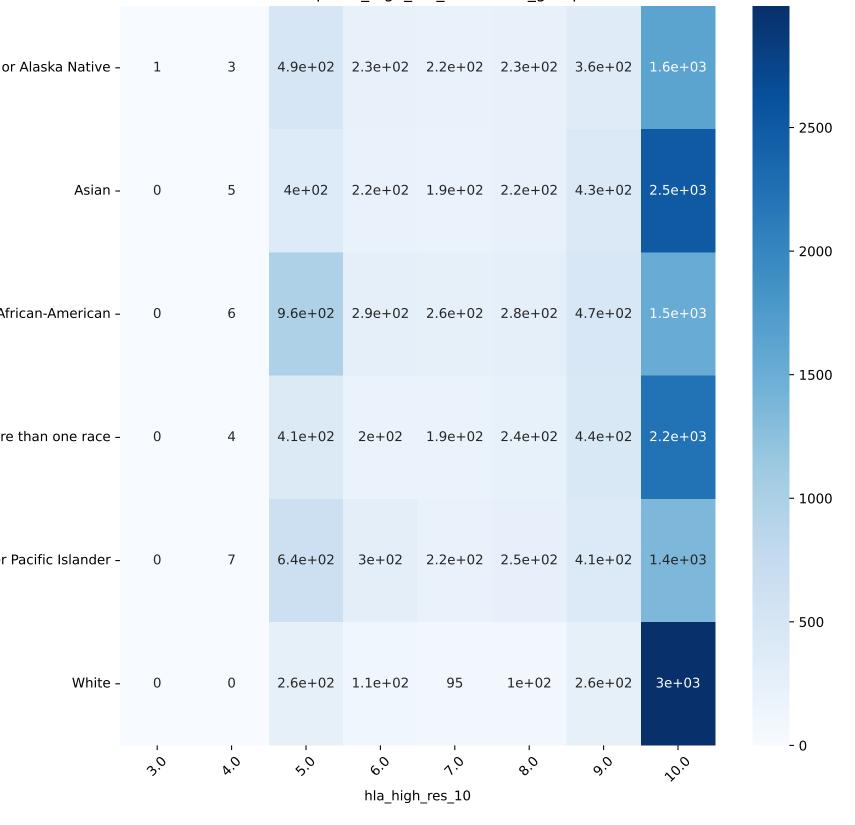


Heatmap: hla\_low\_res\_6 vs race\_group - 3500 or Alaska Native -5 8.2e+02 3.9e+02 5.2e+02 2.2e+03 - 3000 Asian -1 6.5e+02 3.1e+02 4.5e+02 3.1e+03 - 2500 African-American -2 1.4e + 034.3e+02 5.6e + 022e+03 2000 - 1500 2.8e+03 re than one race -7 6.6e+02 3.4e + 025.4e+02 - 1000 r Pacific Islander -4.2e+02 1e+03 5e+02 - 500 White -1.6e+02 2.4e+02 3.5e+03 1 4e+02 50 30 60 hla\_low\_res\_6

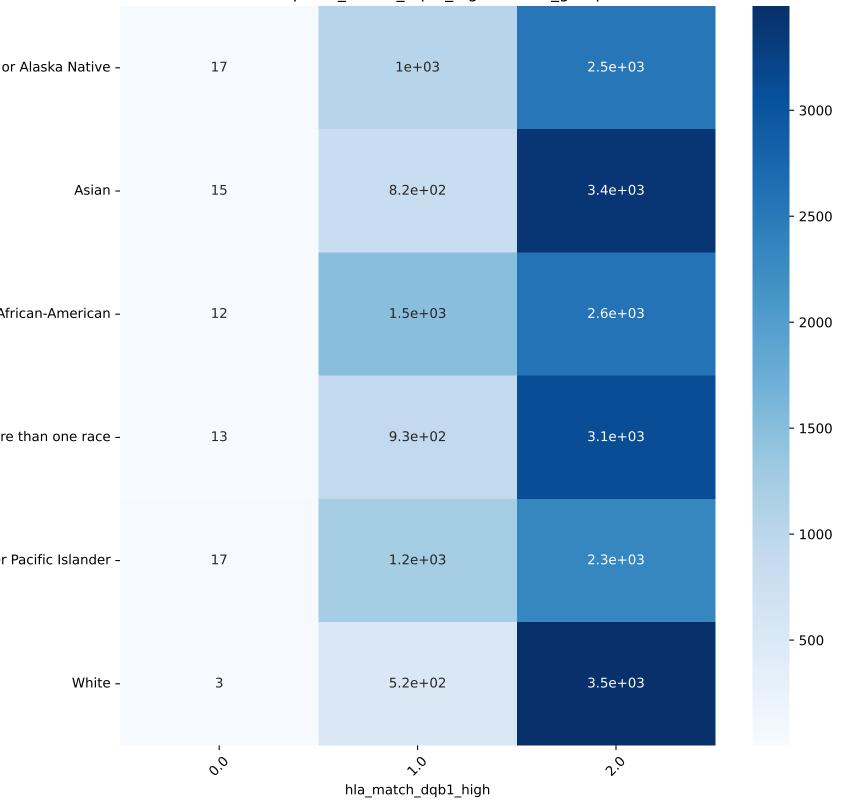
Heatmap: hla\_high\_res\_6 vs race\_group



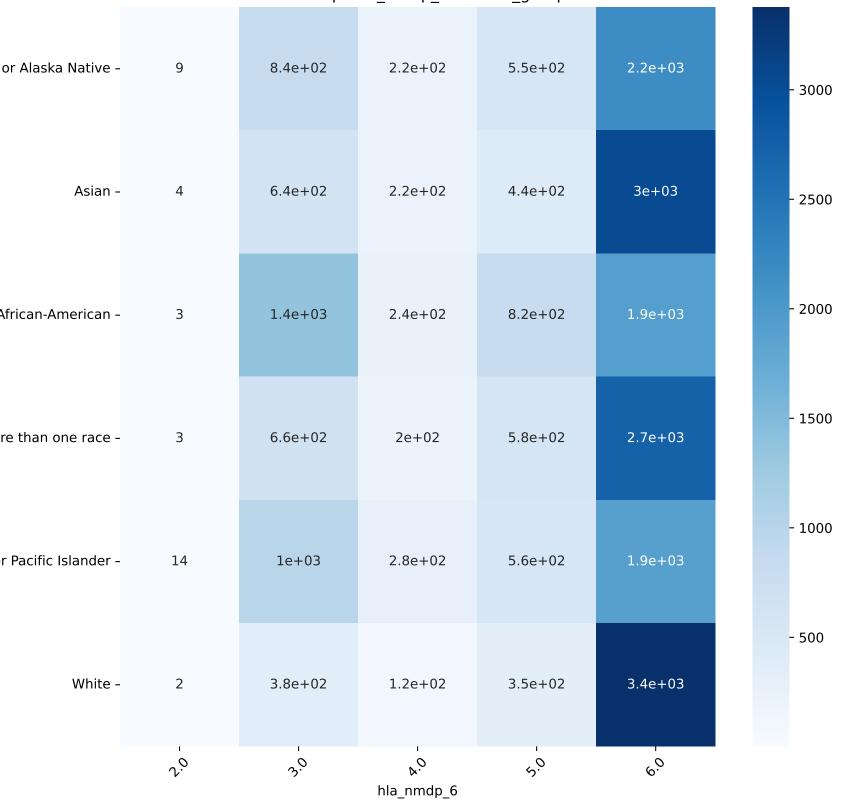
Heatmap: hla\_high\_res\_10 vs race\_group



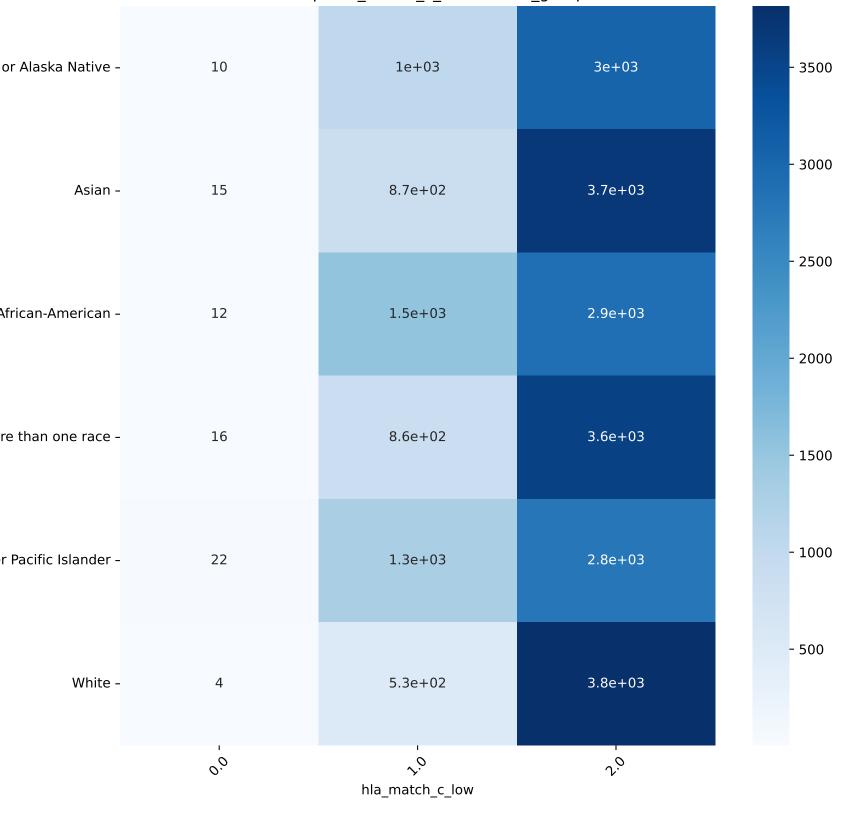
Heatmap: hla\_match\_dqb1\_high vs race\_group

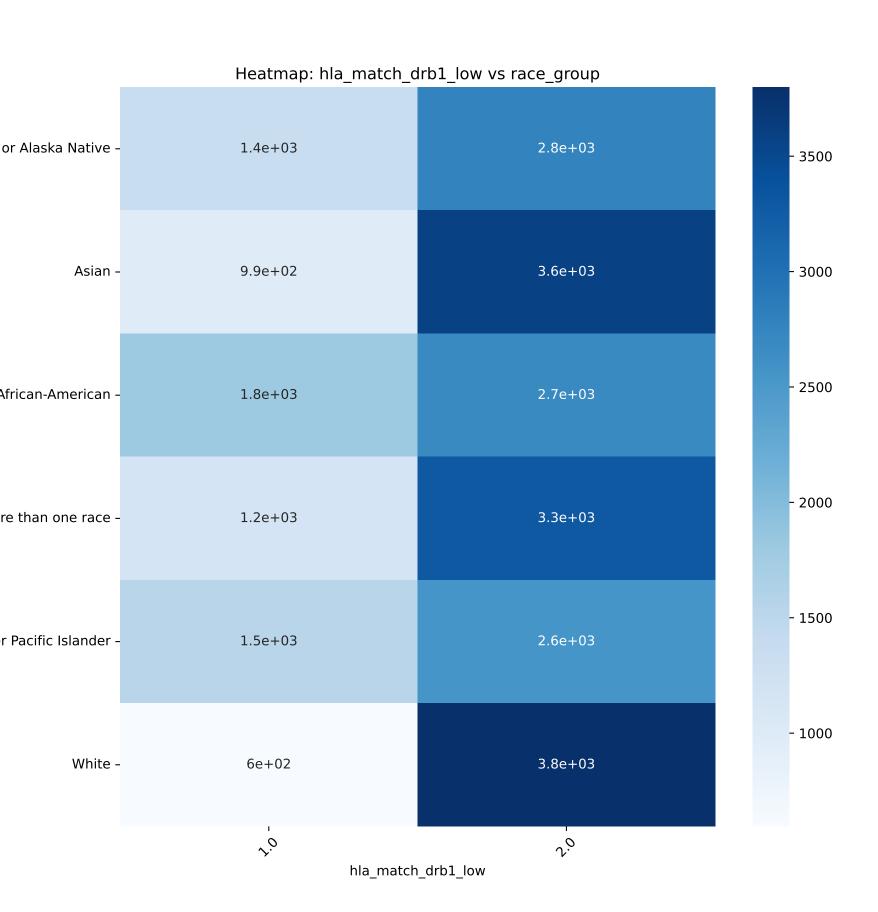


Heatmap: hla\_nmdp\_6 vs race\_group

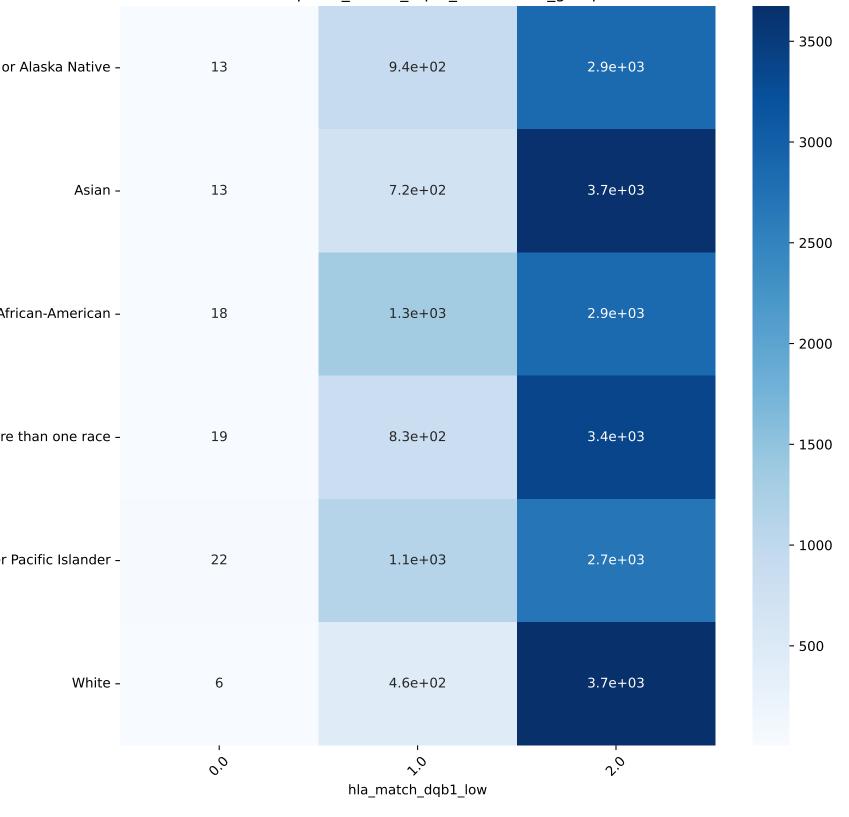


Heatmap: hla\_match\_c\_low vs race\_group

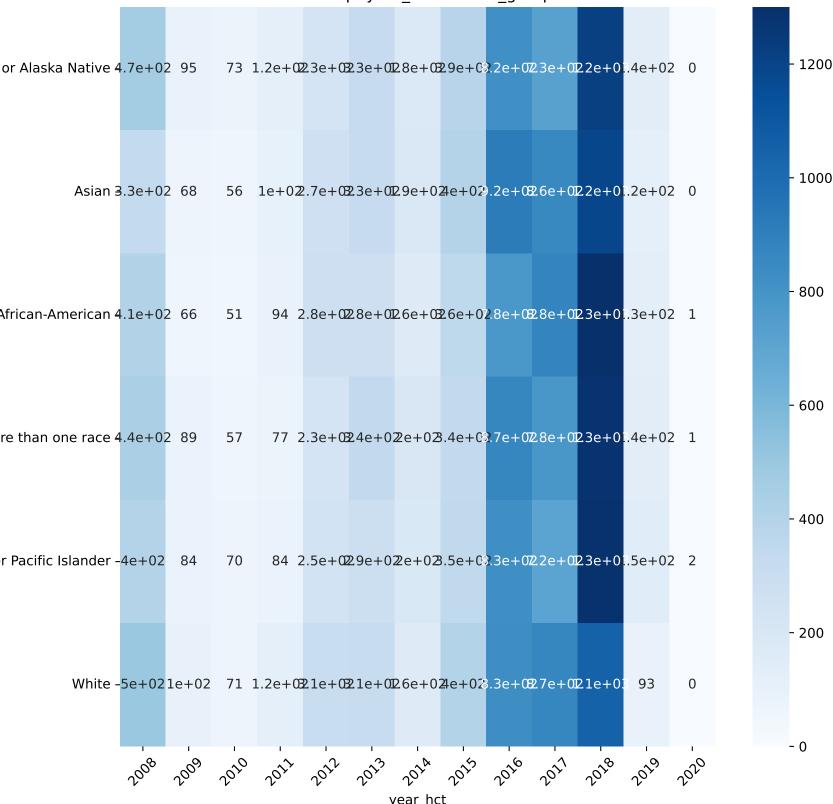




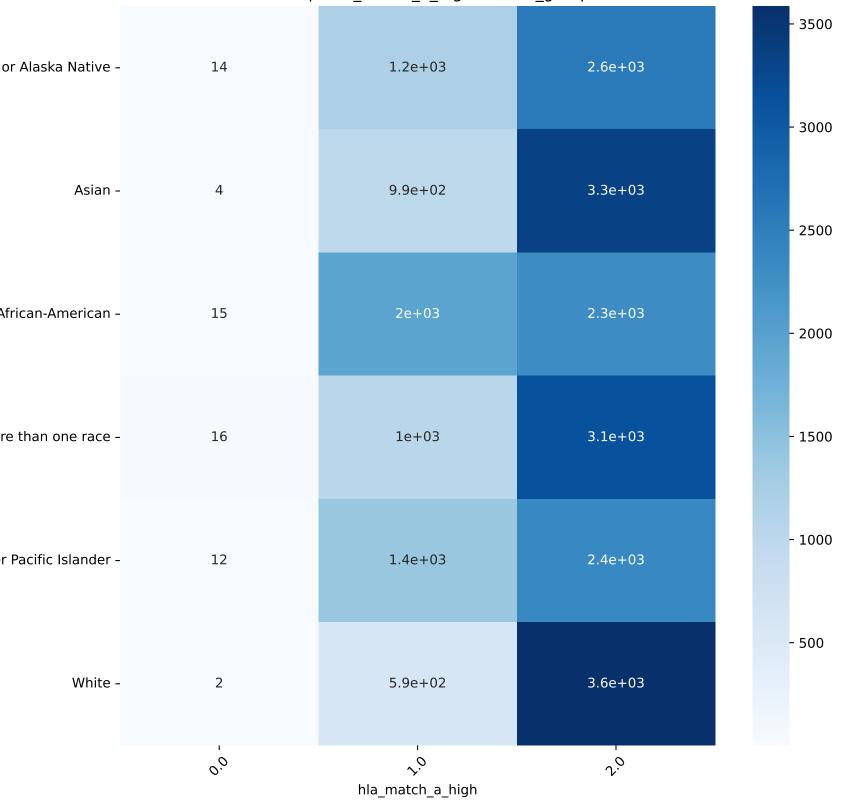
Heatmap: hla\_match\_dqb1\_low vs race\_group



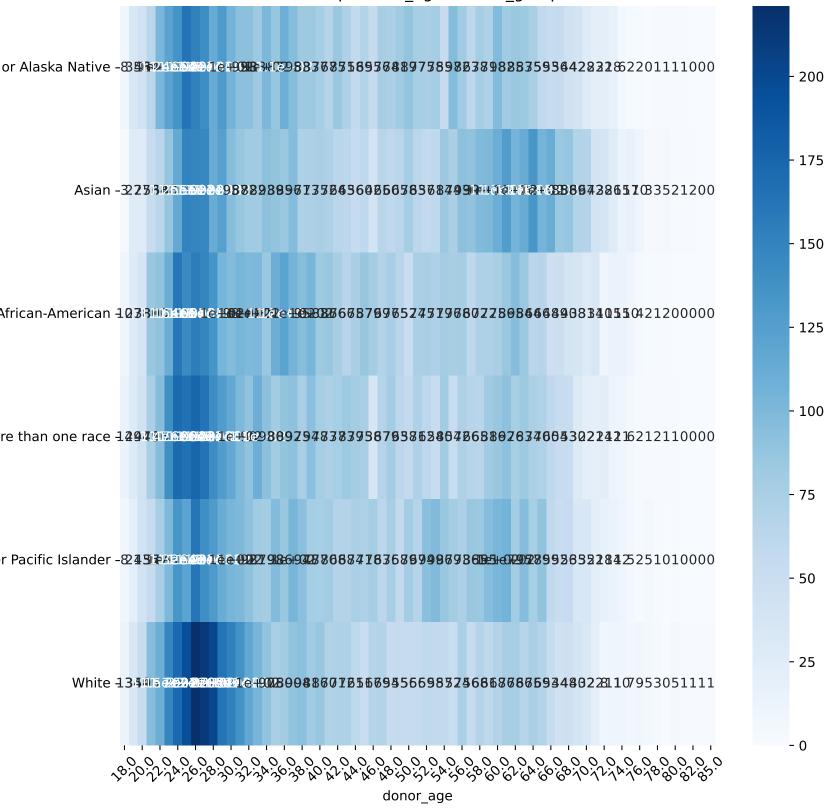
Heatmap: year\_hct vs race\_group



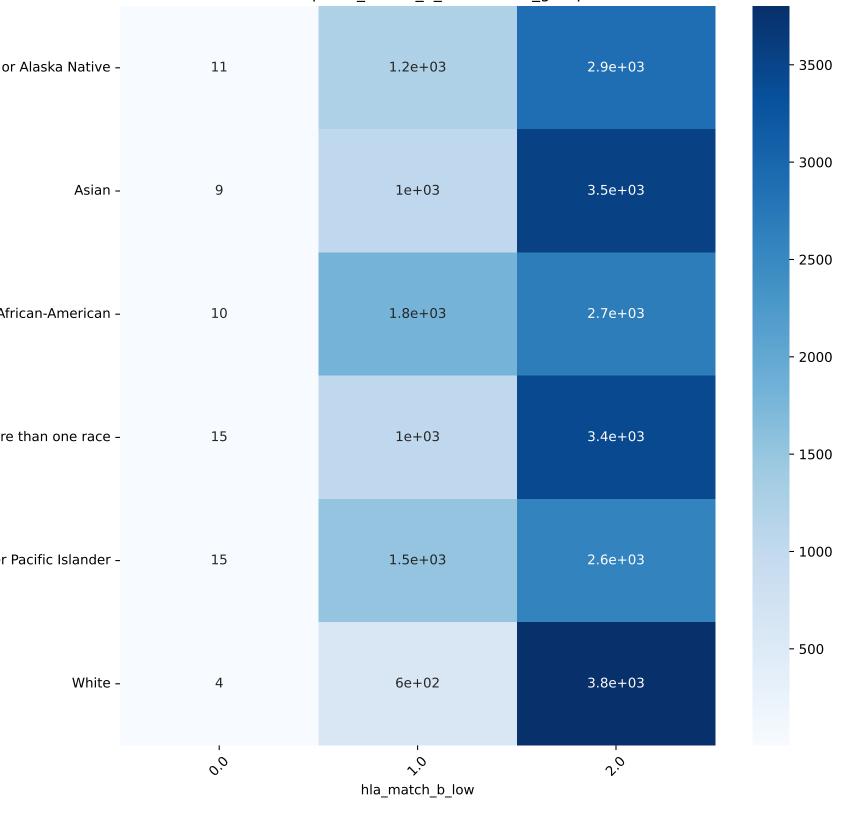
Heatmap: hla\_match\_a\_high vs race\_group



## Heatmap: donor\_age vs race\_group



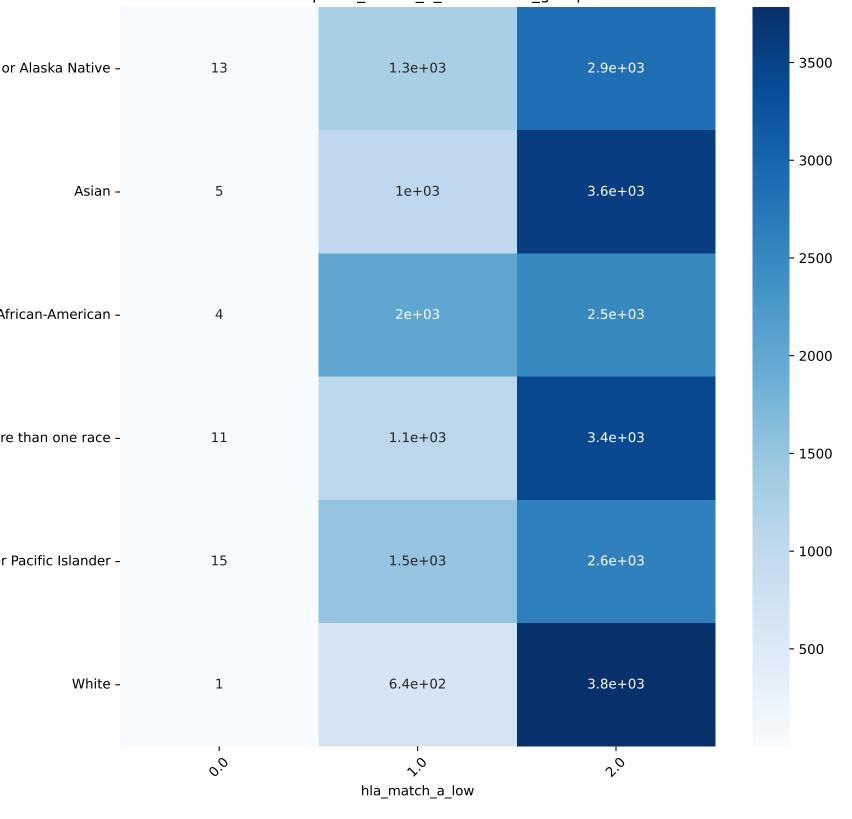
Heatmap: hla\_match\_b\_low vs race\_group



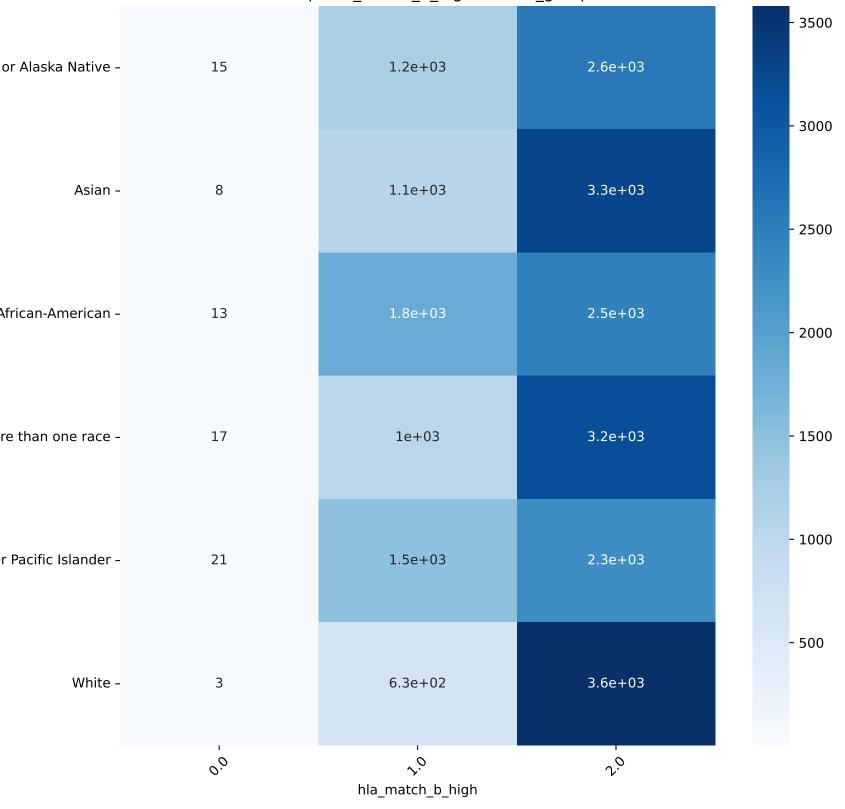
## Heatmap: age at hct vs race group

neatmap: age_at_nct vs race_group	
or Alaska Native <b>96859399205076665623382141</b> 03 <b>205328968-0339589639333333399955243</b> 0\$ <b>0</b> 4 <b>0-9052</b> 651201	- 250
Asian -:6 <b>590308253504636793269</b> 3838 <b>9845687099899260556039263522592777905661</b> 298226301	- 200
African-American1e <mark>-178285446666958843228798072255649247628928889543868482882888882684936</mark> 93330	- 150
re than one raceleuc <b>98373667429887825839221841873787826699835685548067859499782525467216-1867</b> 35655320	- 100
r Pacific Islander - 3 <b>702853333374560550</b> 59322228202 <b>938888765569885335668741883966695694</b> 3 <b>326-6022</b> 58411	- 50
White -2 <b>503682525343659635055825422566672769902275832566672769902275</b>	- 0
o·ʔ·Þ·o·o·o¸o¸o¸o¸o¸o¸o¸o¸o¸o¸o¸o¸o¸o¸o¸o¸o	

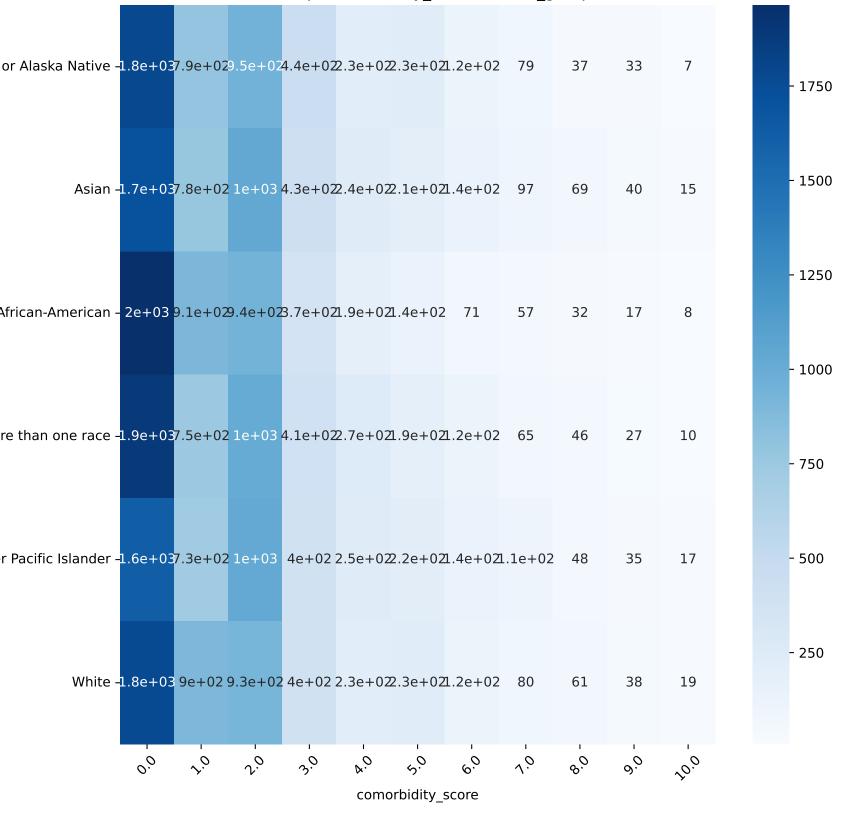
Heatmap: hla\_match\_a\_low vs race\_group



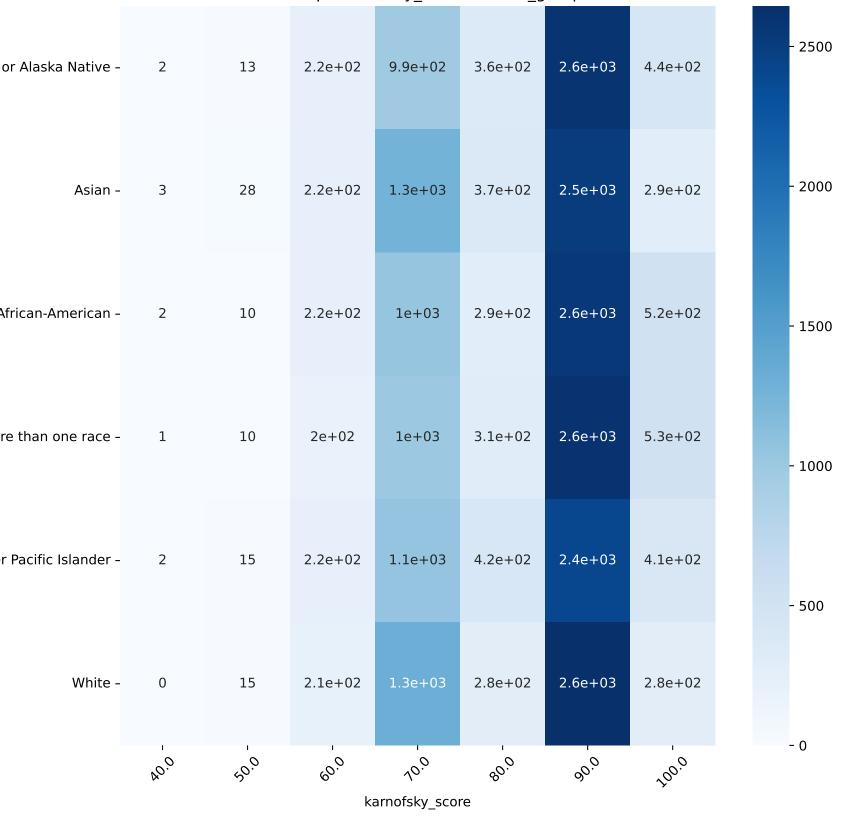
Heatmap: hla\_match\_b\_high vs race\_group



Heatmap: comorbidity\_score vs race\_group



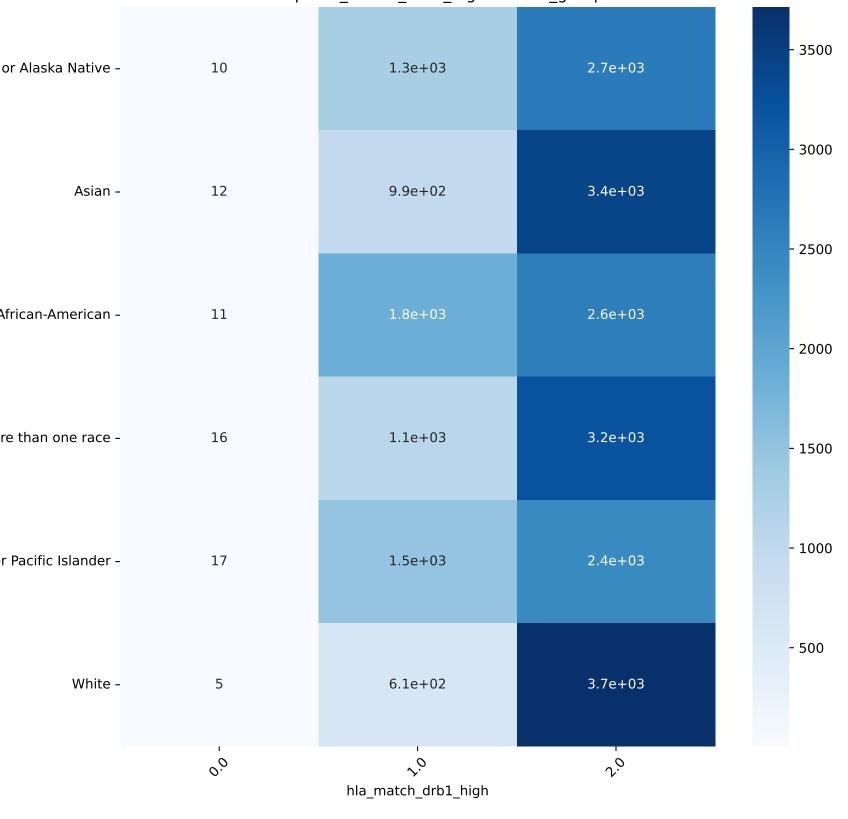
Heatmap: karnofsky\_score vs race\_group



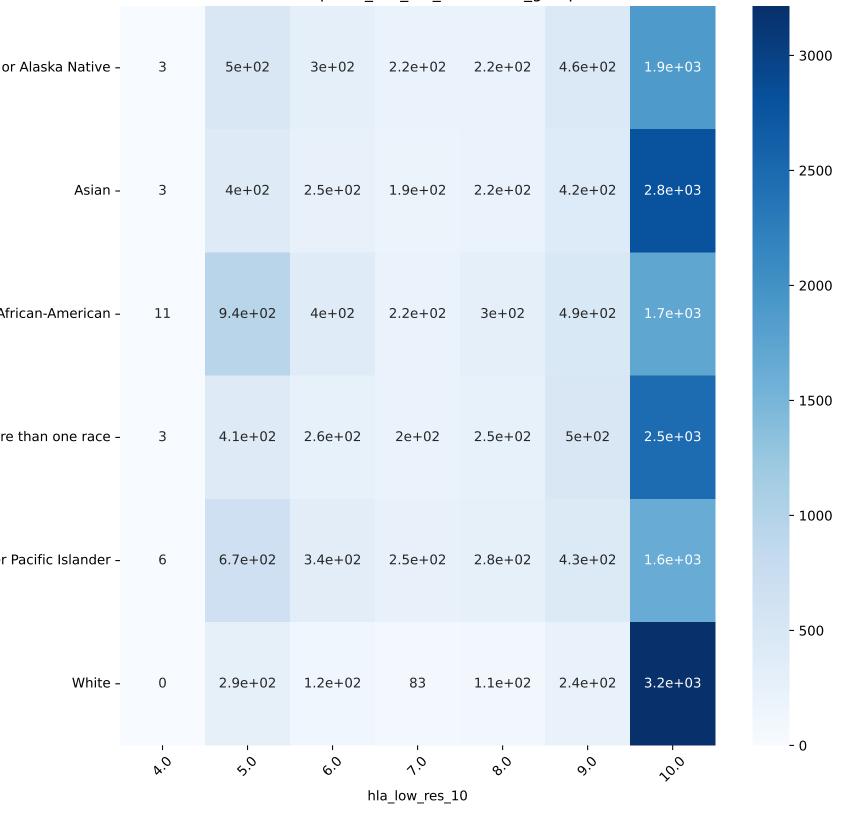
Heatmap: hla\_low\_res\_8 vs race\_group

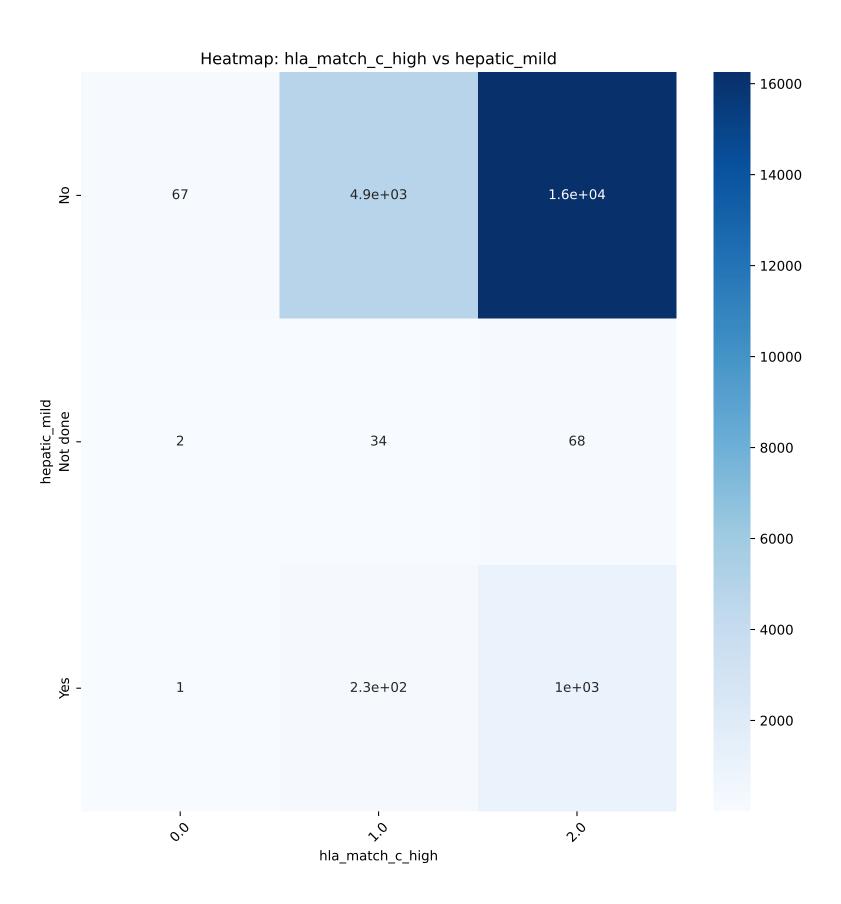
			_					
or Alaska Native -	- 0	1	6.9e+02	3.1e+02	2.5e+02	4.9e+02	2.1e+03	- 3000
Asian -	- 0	4	5.5e+02	2.5e+02	2.3e+02	4.2e+02	3e+03	- 2500
African-American -	- 1	5	1.2e+03	3.3e+02	3.2e+02	5.2e+02	1.9e+03	- 2000
re than one race -	- 0	4	5.6e+02	2.6e+02	2.7e+02	4.9e+02	2.7e+03	- 1500
r Pacific Islander -	- 0	8	8.9e+02	3.4e+02	3e+02	4.5e+02	1.9e+03	- 1000
White -	- 0	1	3.6e+02	1.2e+02	1.1e+02	2.4e+02	3.4e+03	- 500
	2.0	3.0	, o	్లు hla_low_res_8	°.	70	ф. <sup>0</sup>	- 0

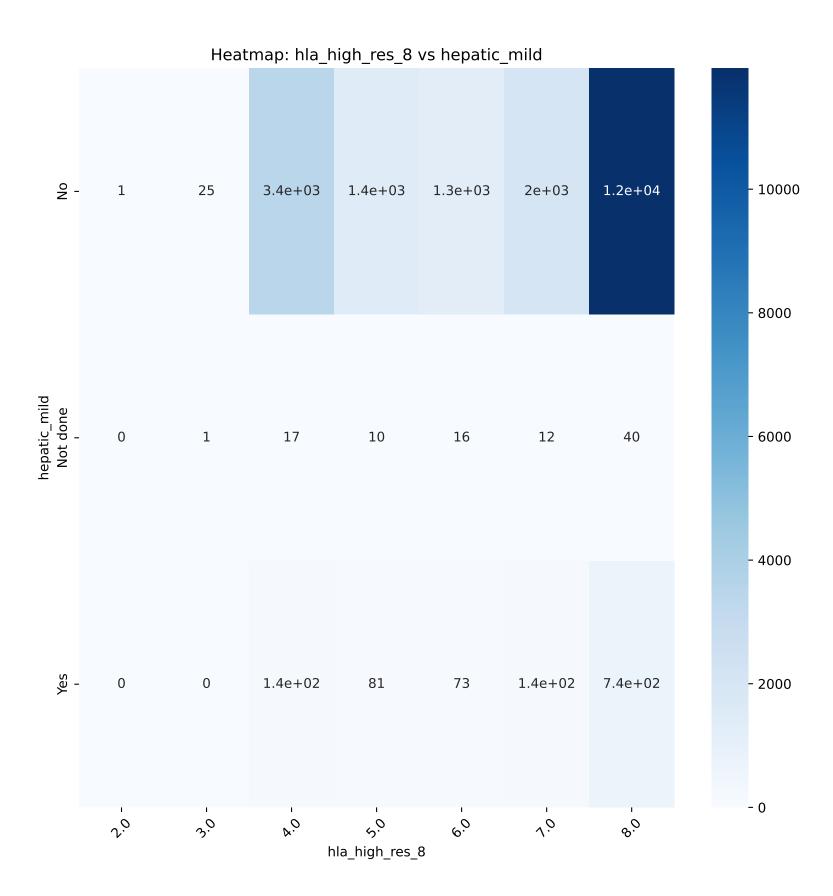
Heatmap: hla\_match\_drb1\_high vs race\_group

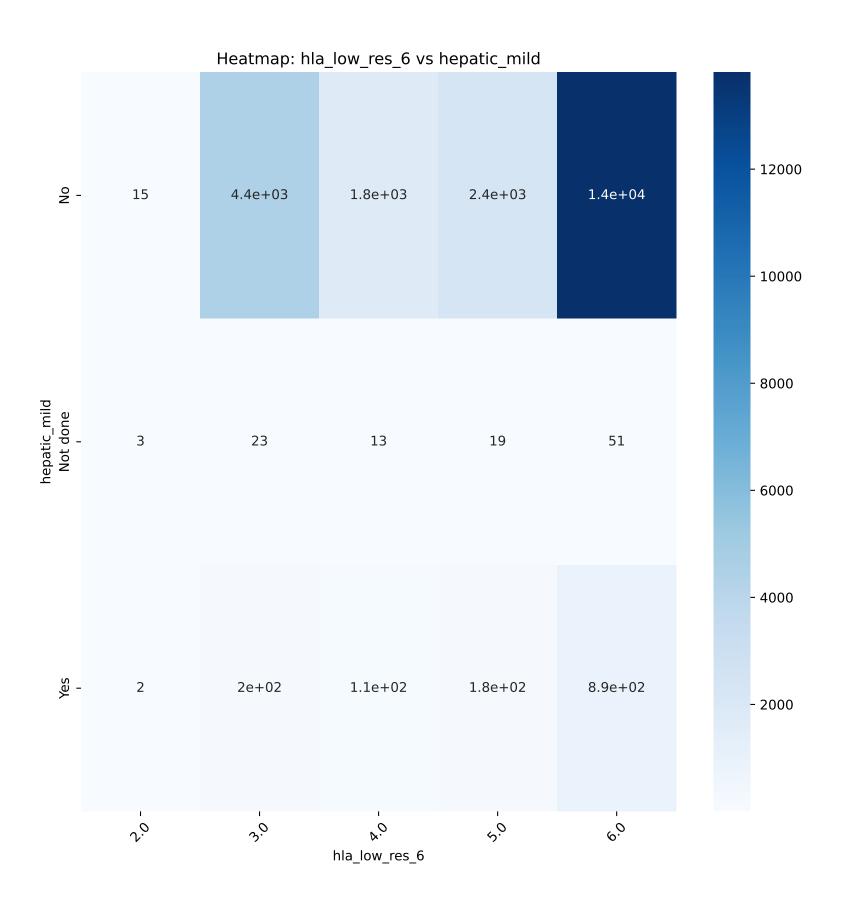


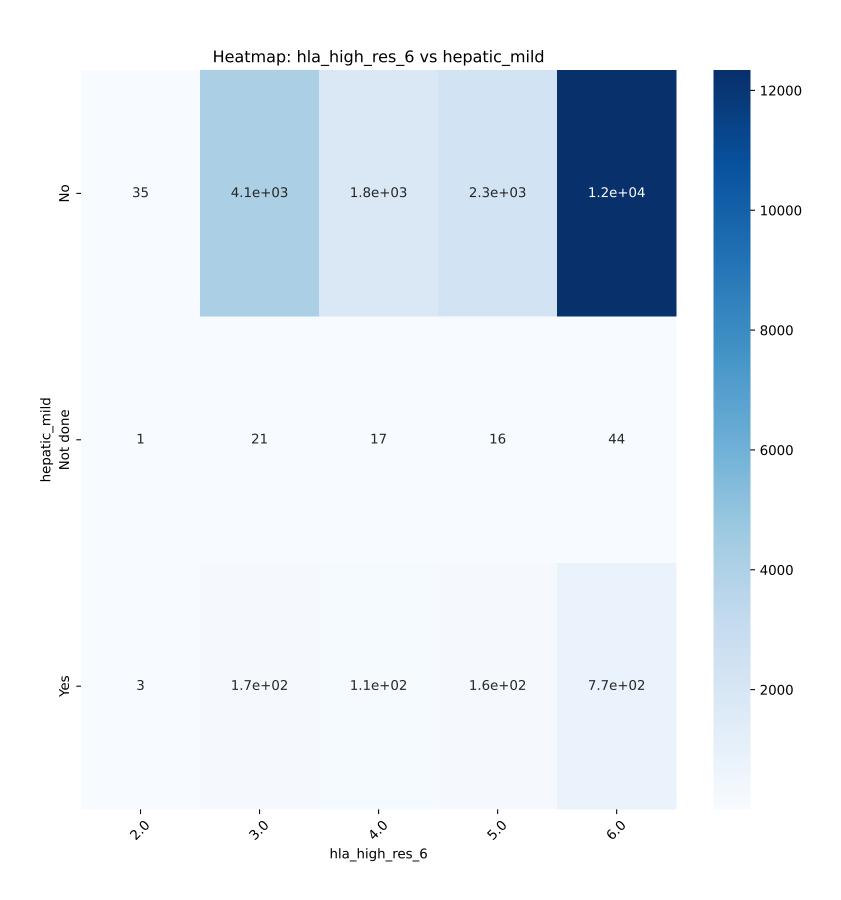
Heatmap: hla\_low\_res\_10 vs race\_group



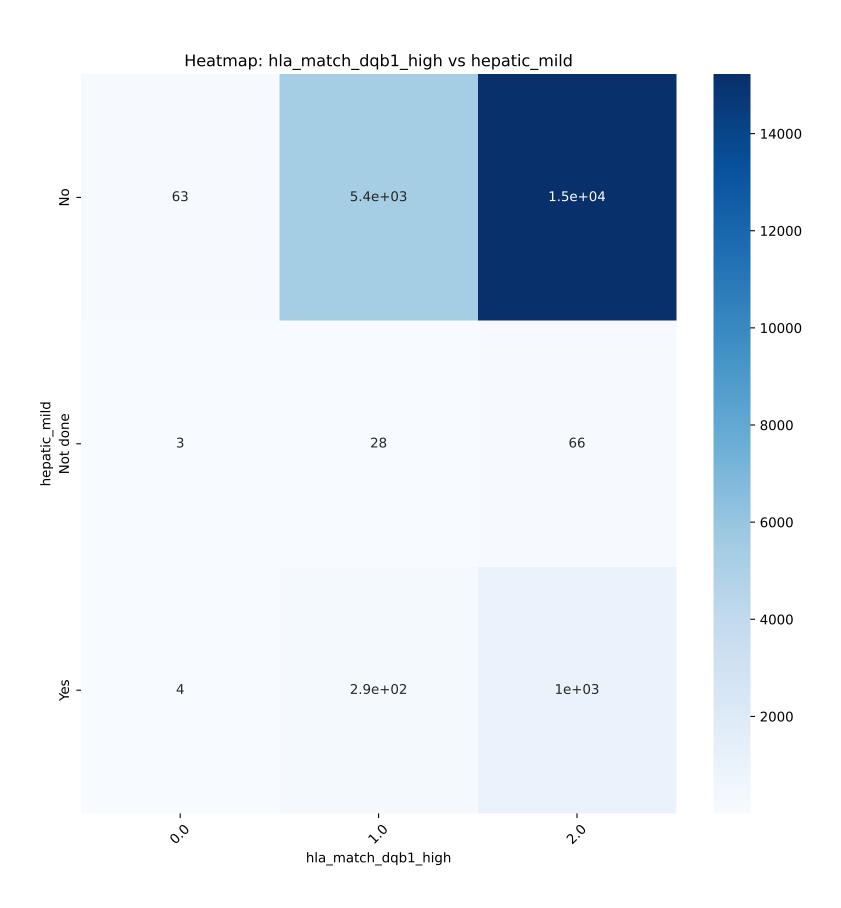


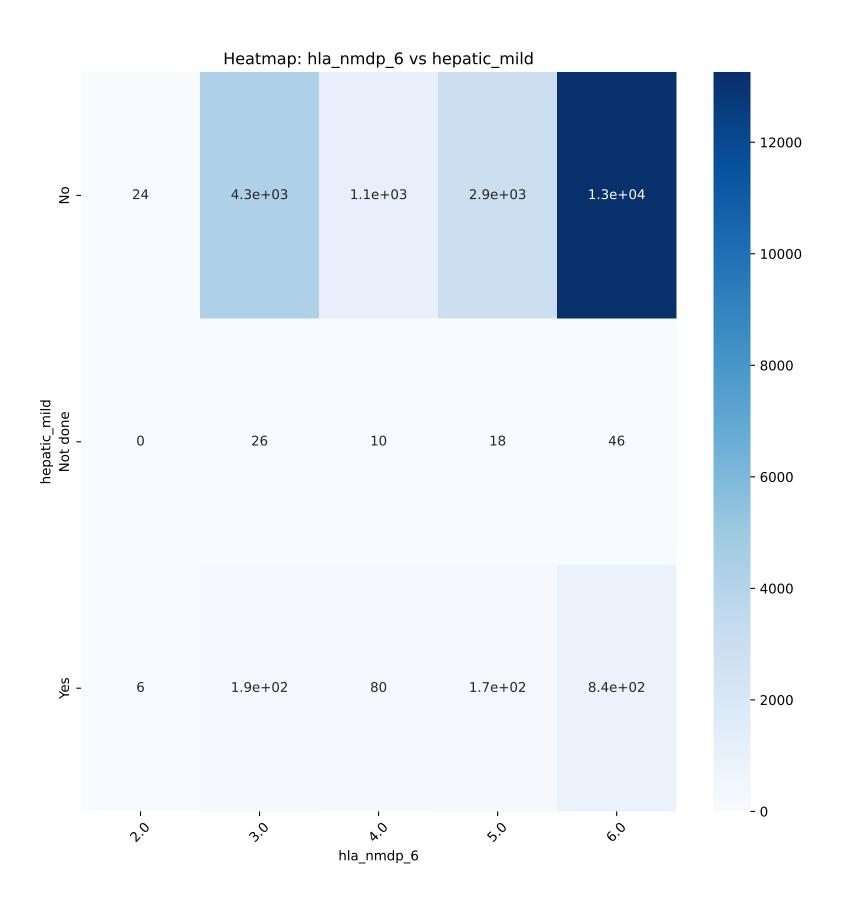


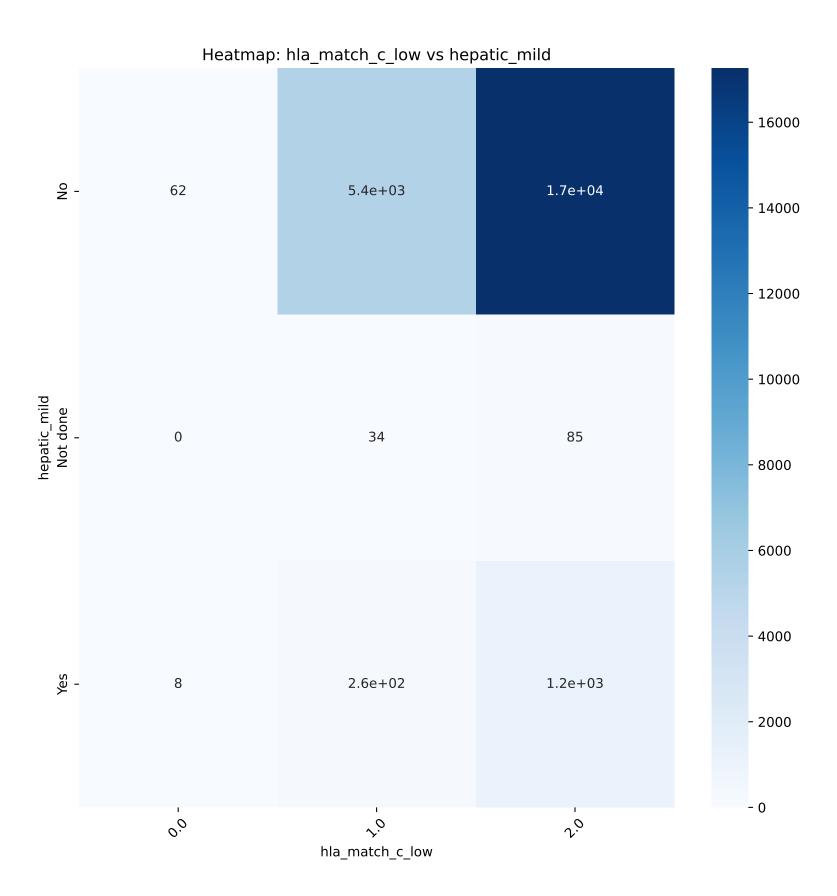


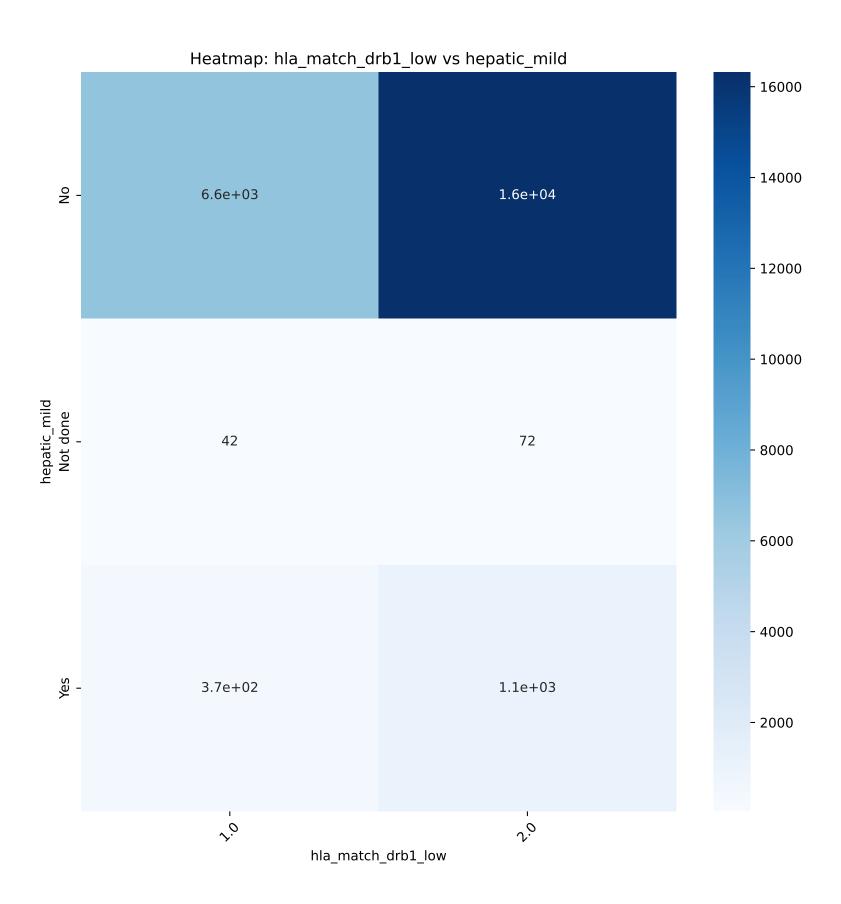


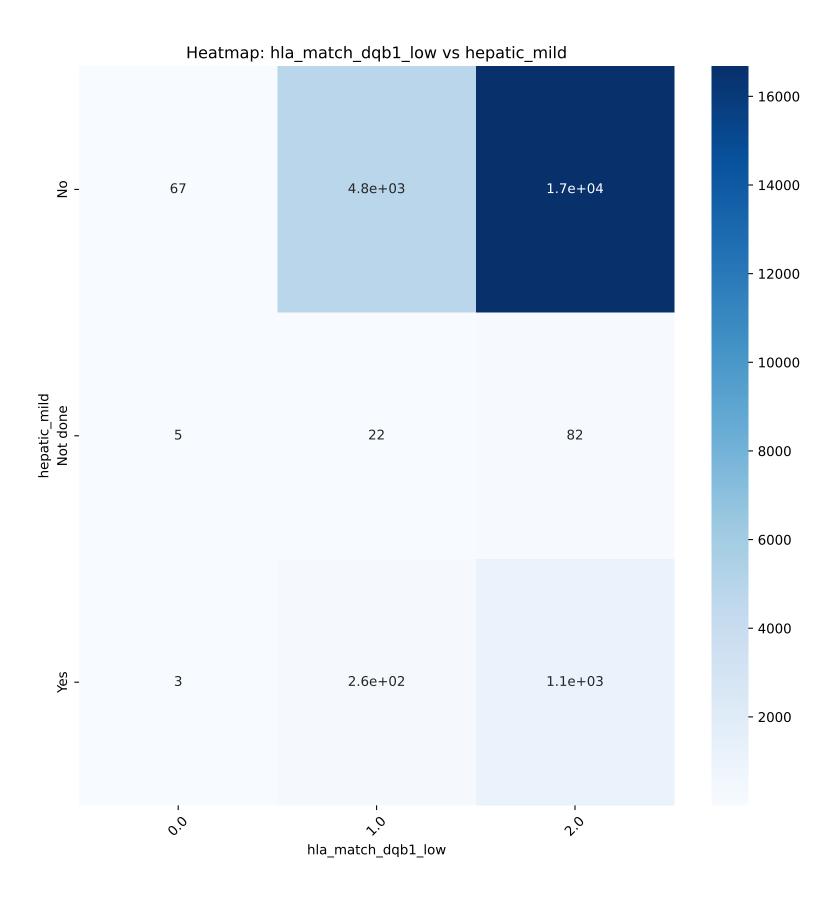
Heatmap: hla\_high\_res\_10 vs hepatic\_mild - 10000 ဍိ -1 19 2.9e+03 1.2e+03 1e+03 1.1e+03 2e+03 1.1e+04 8000 hepatic\_mild Not done ' 6000 1 10 9 9 17 6 0 34 - 4000 - 2000 Yes -1.1e+02 56 1.6e+02 6.6e+02 1 66 67 - 0 8.0 °. \$. -10 hla\_high\_res\_10

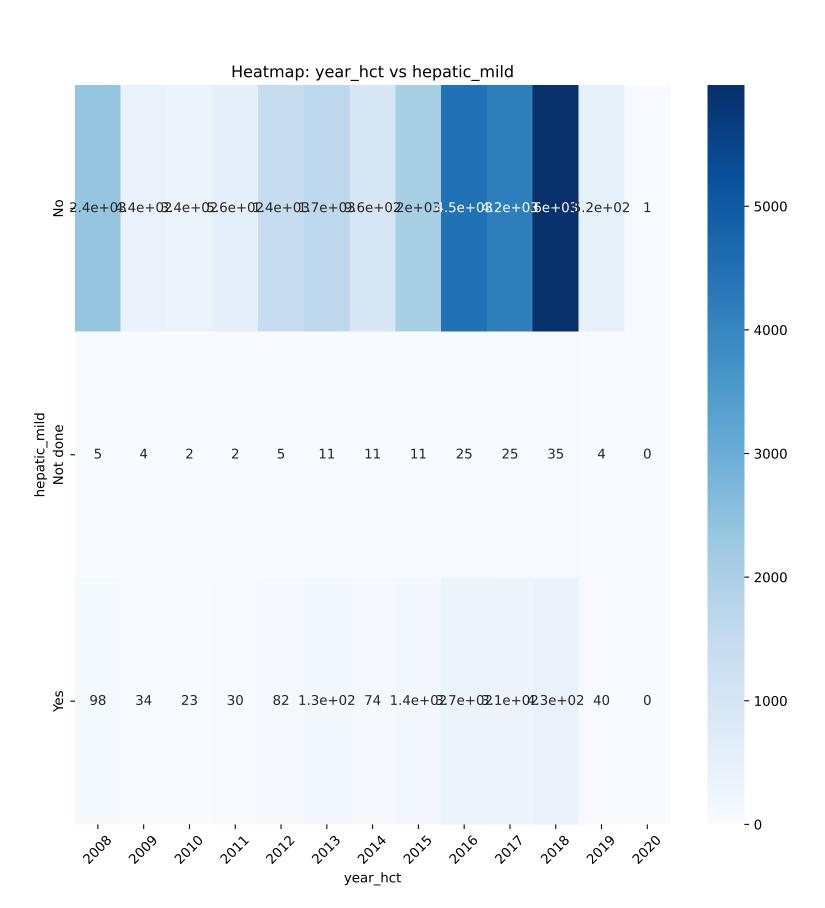


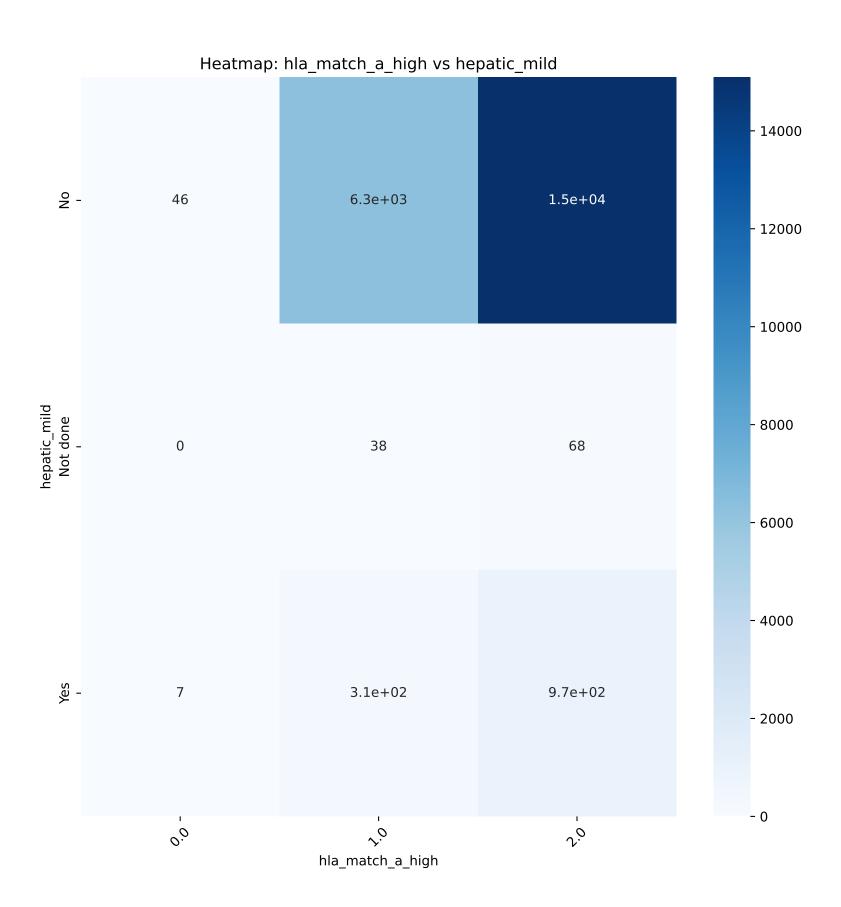




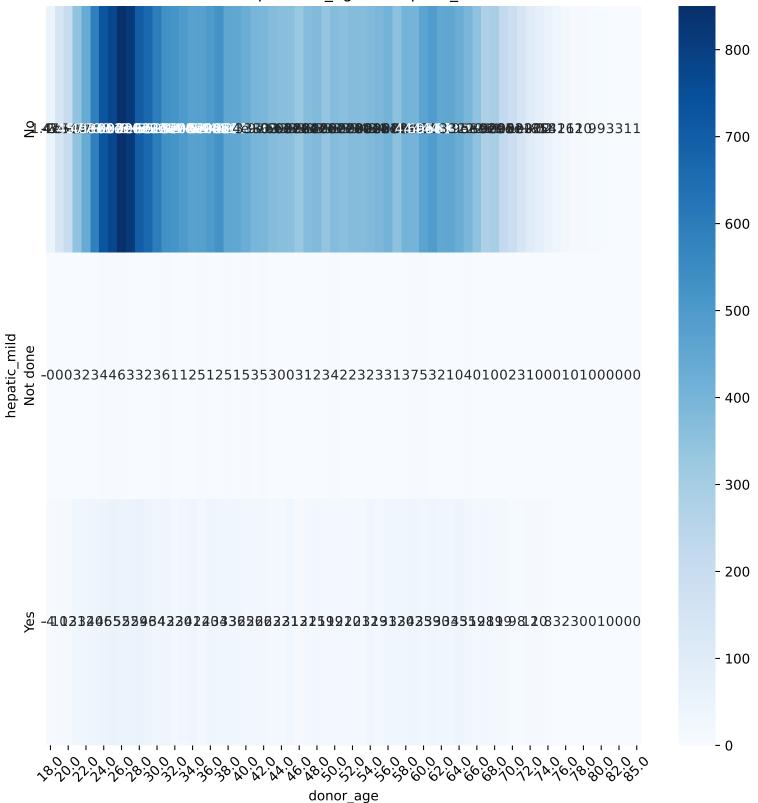


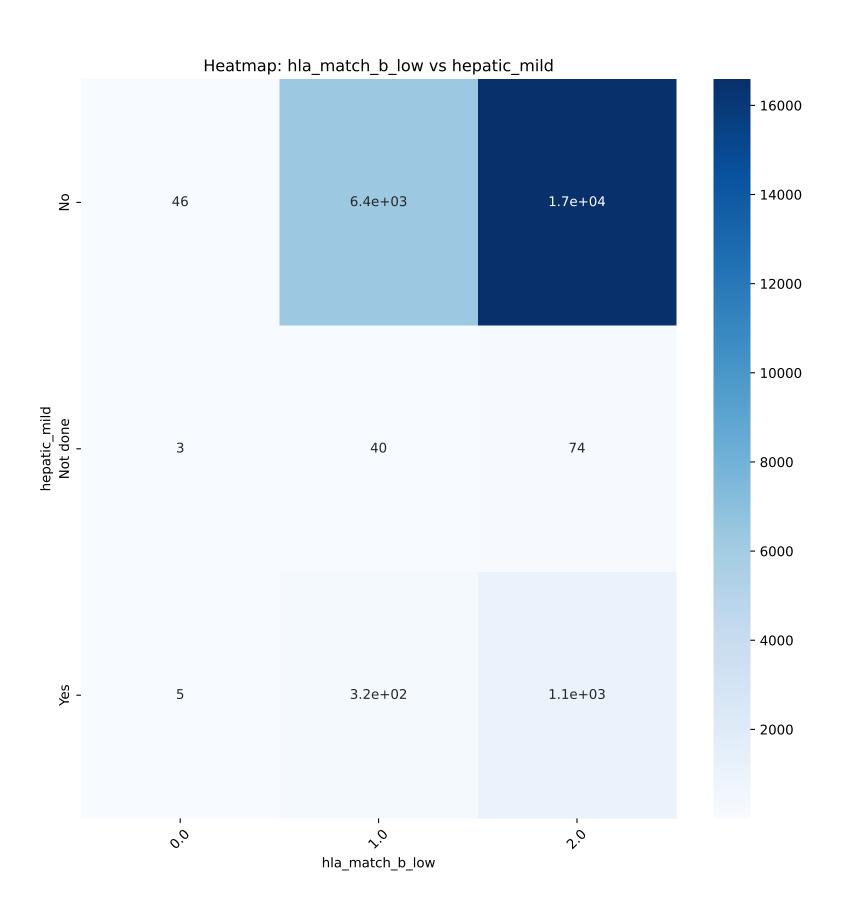


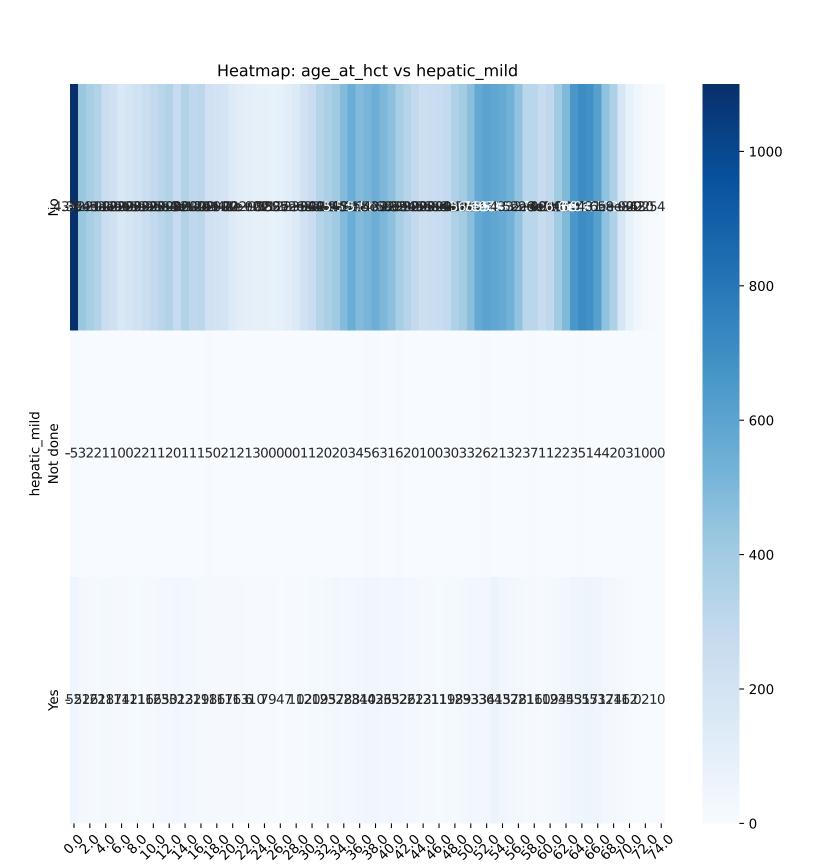


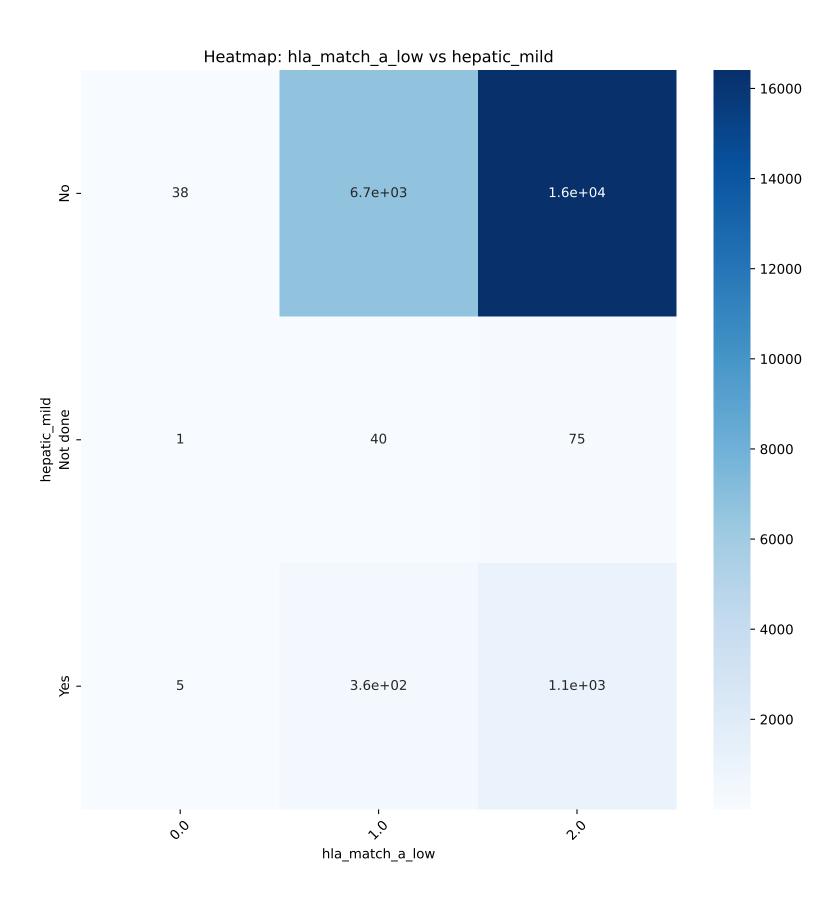


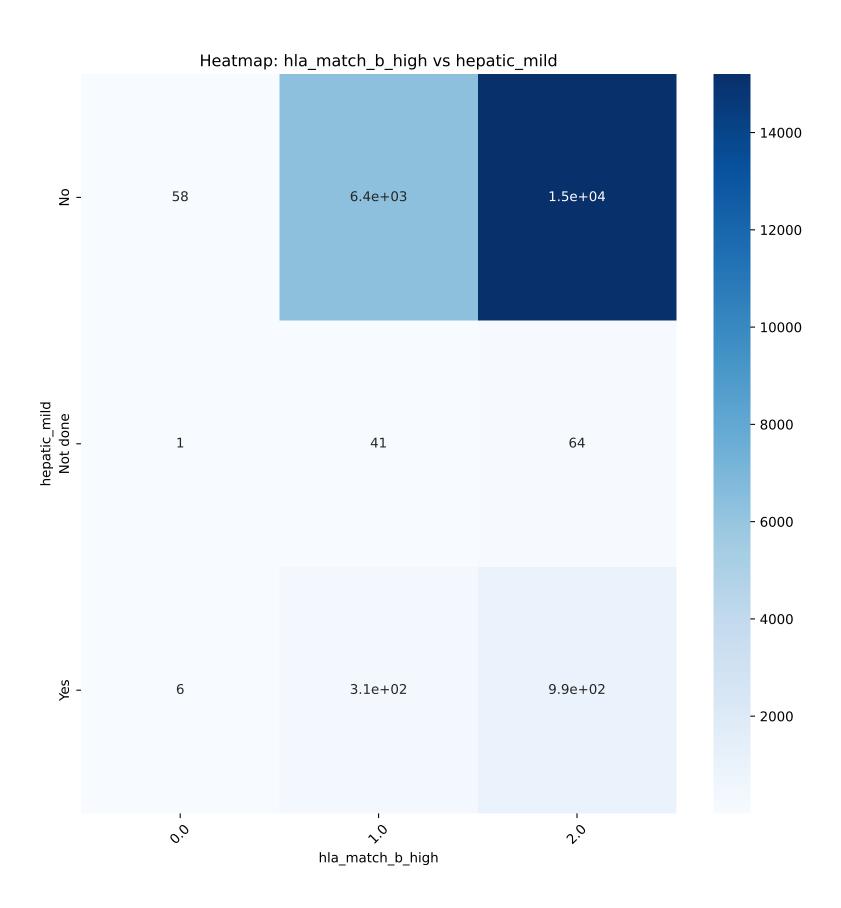
## Heatmap: donor\_age vs hepatic\_mild

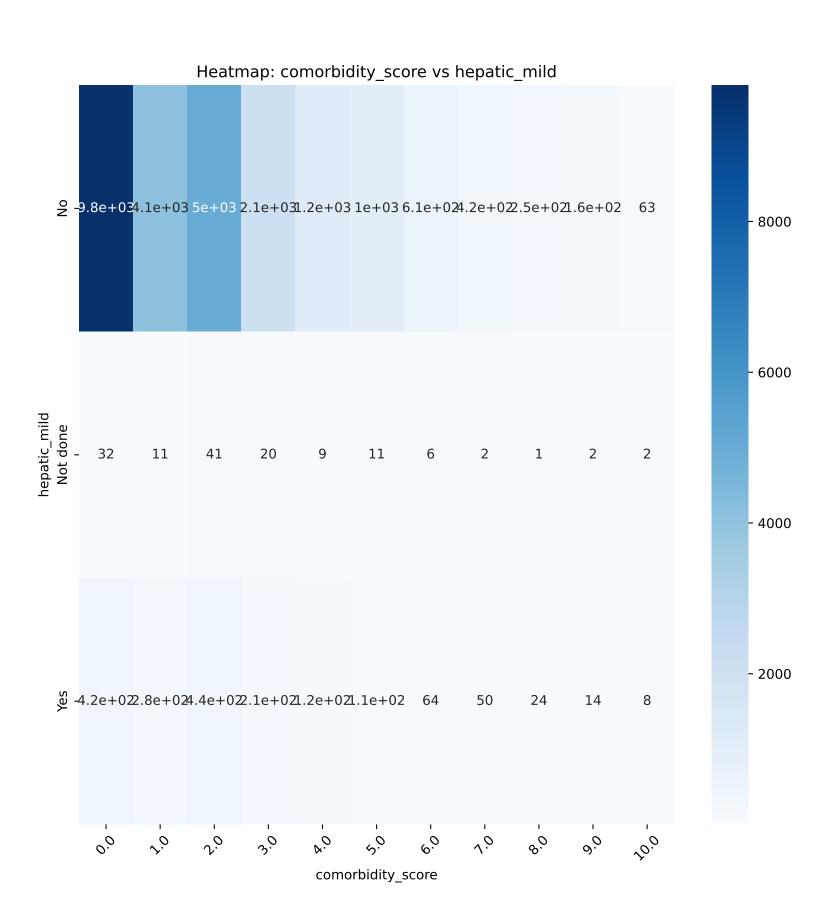


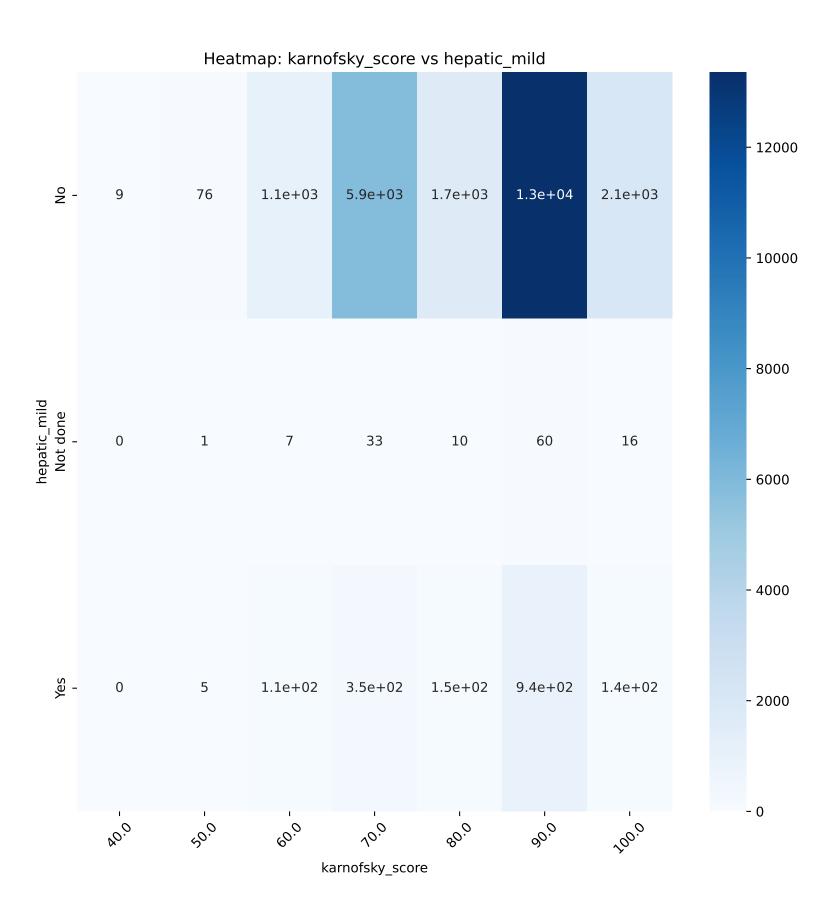






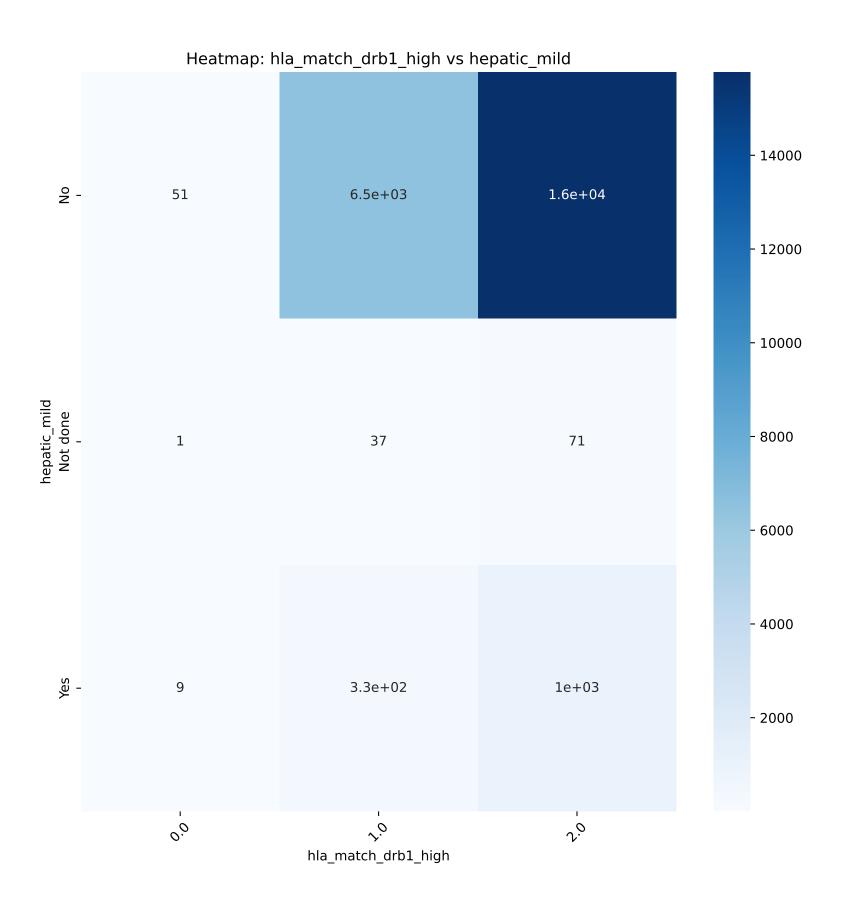


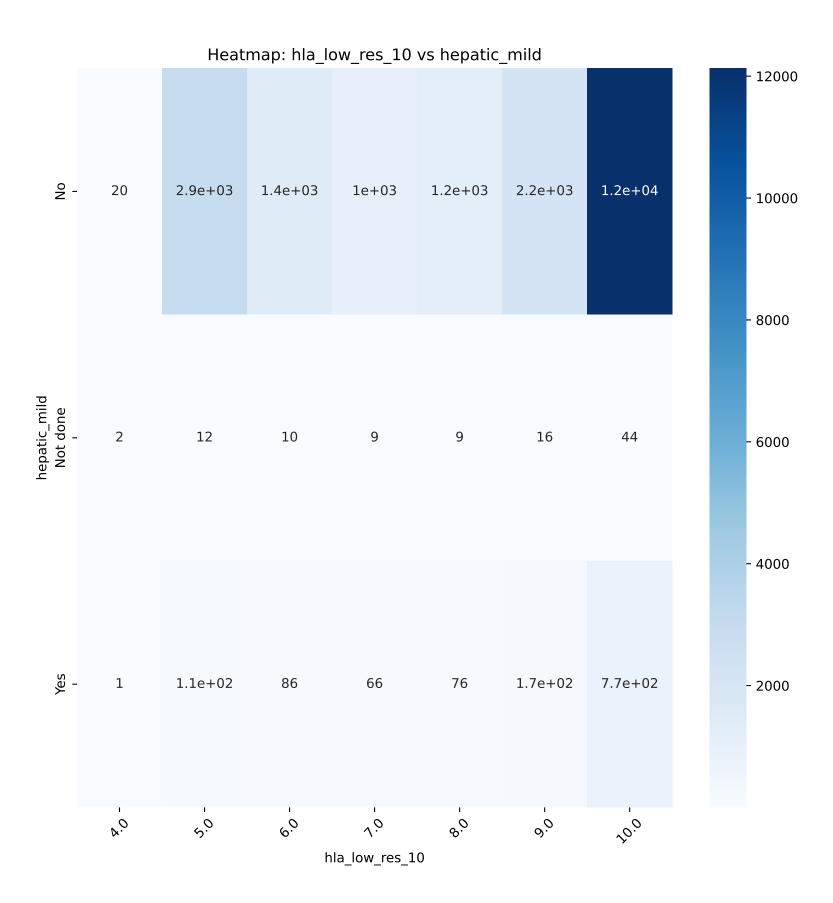


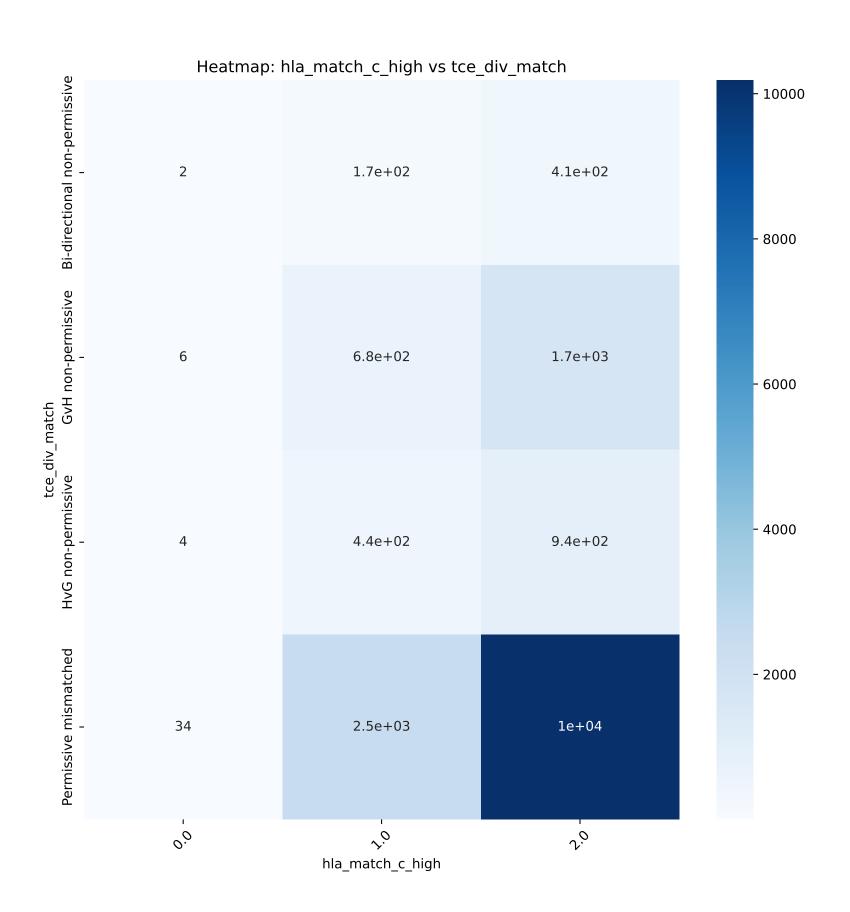


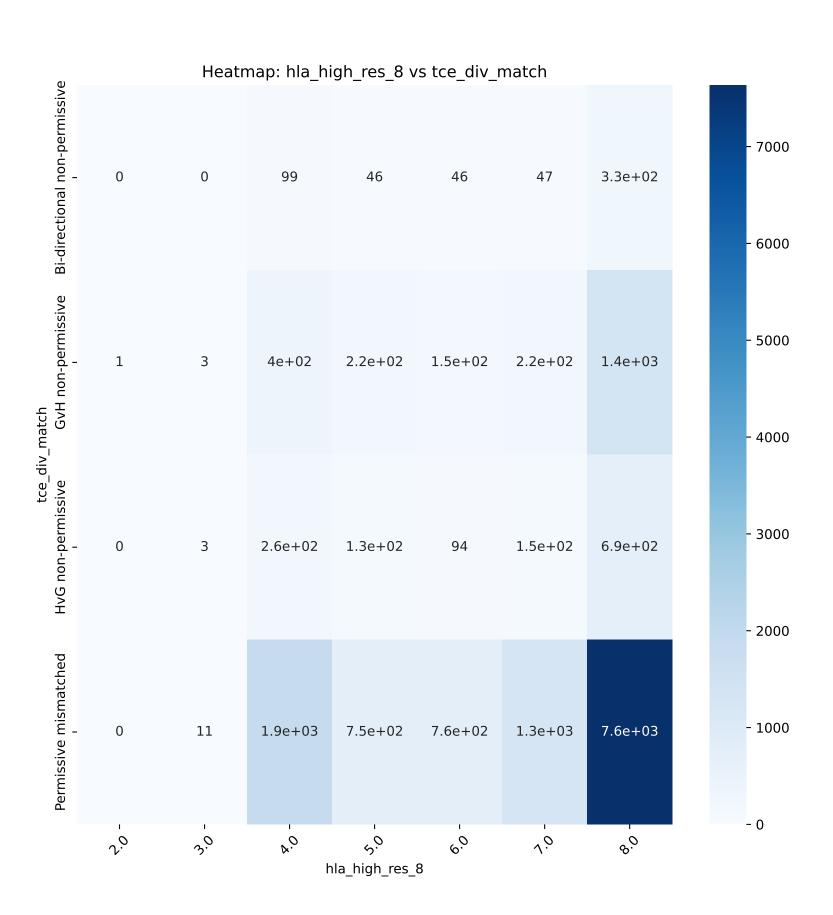
Heatmap: hla\_low\_res\_8 vs hepatic\_mild - 12000 ဍိ -3.8e+03 1 18 1.4e+03 1.3e+03 2.2e+03 1.3e+04 - 10000 8000 hepatic\_mild Not done ' 0 2 21 50 7 13 16 6000 - 4000 Yes -2 1.6e+02 87 80 1.8e+02 8.5e+02 - 2000 - 0 10 Þ. 0 60

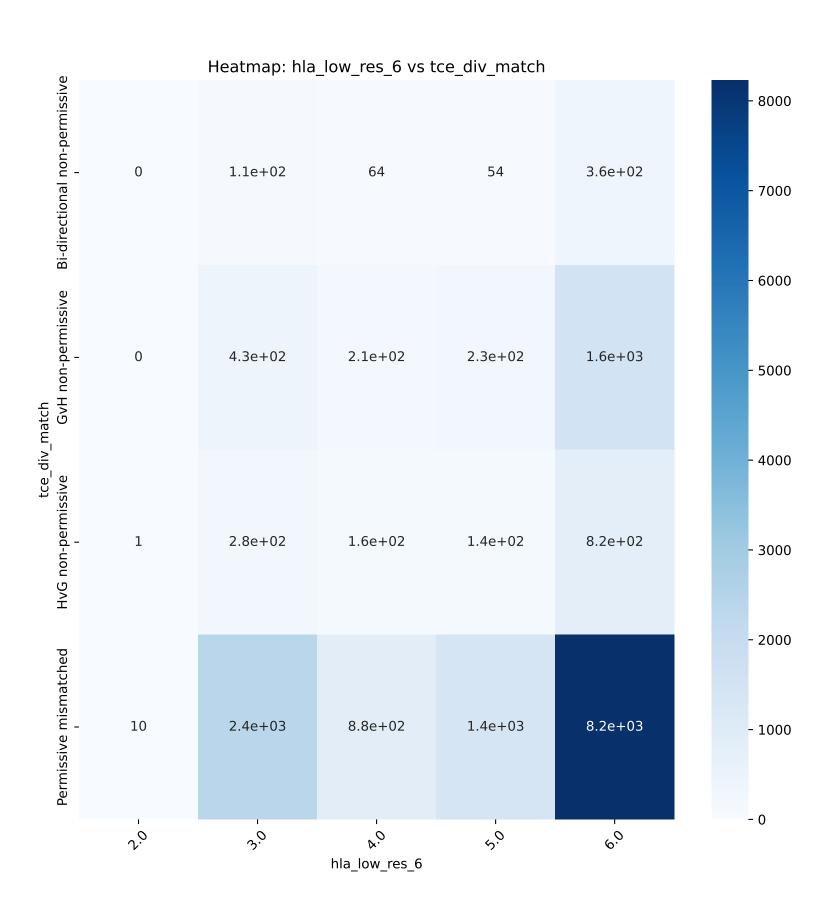
hla\_low\_res\_8

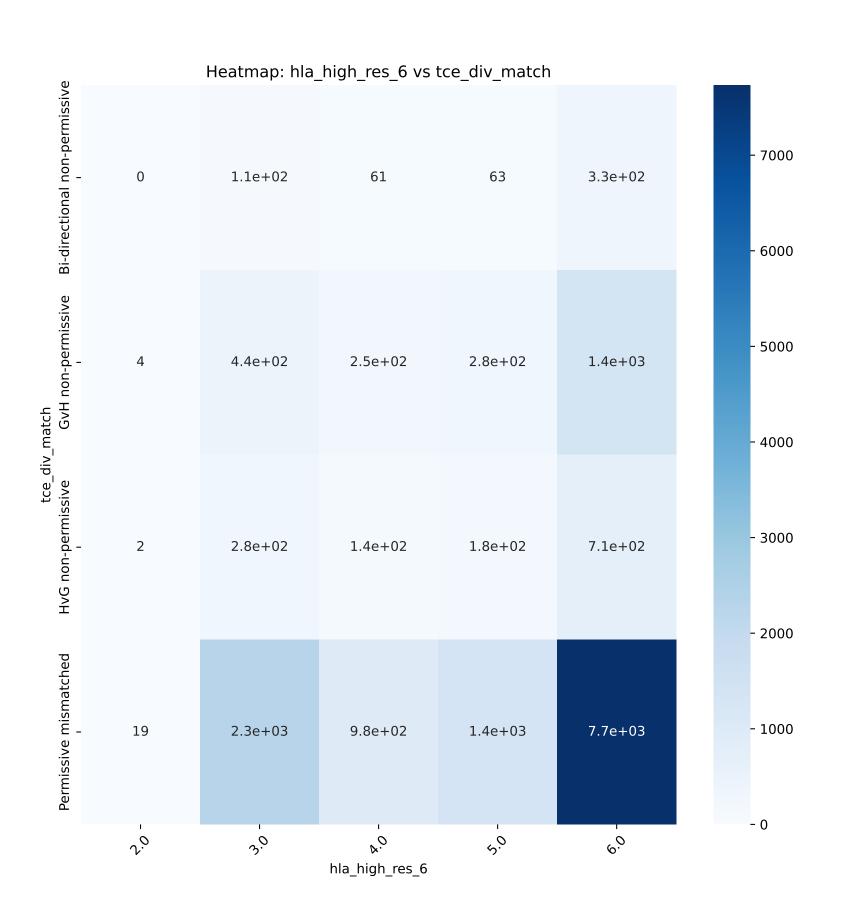


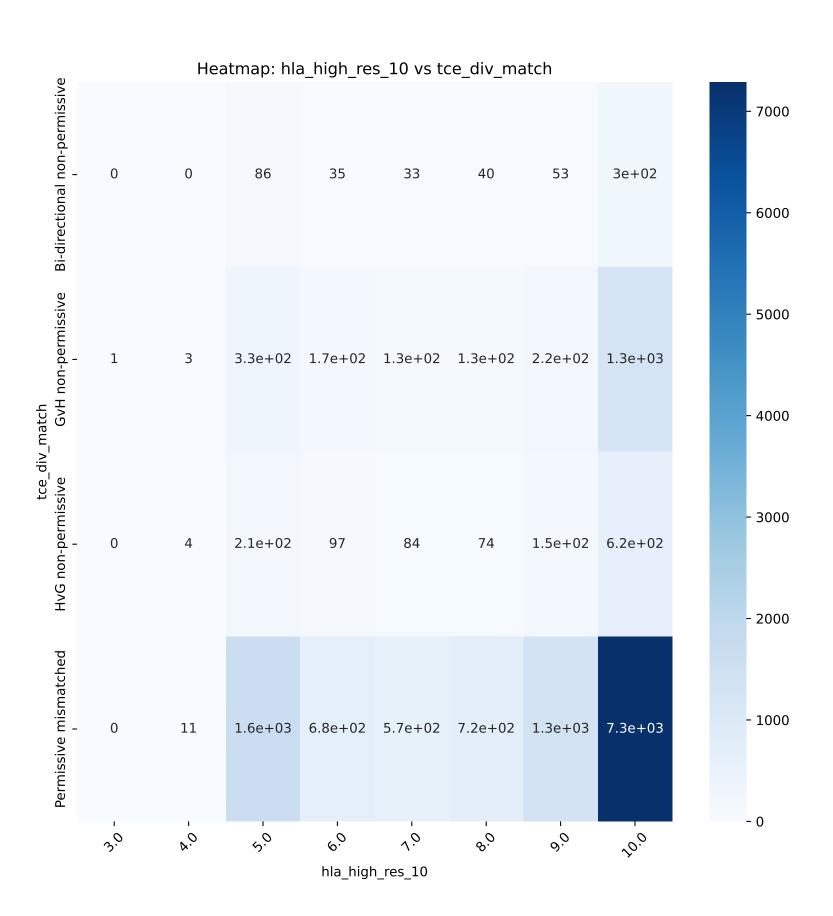


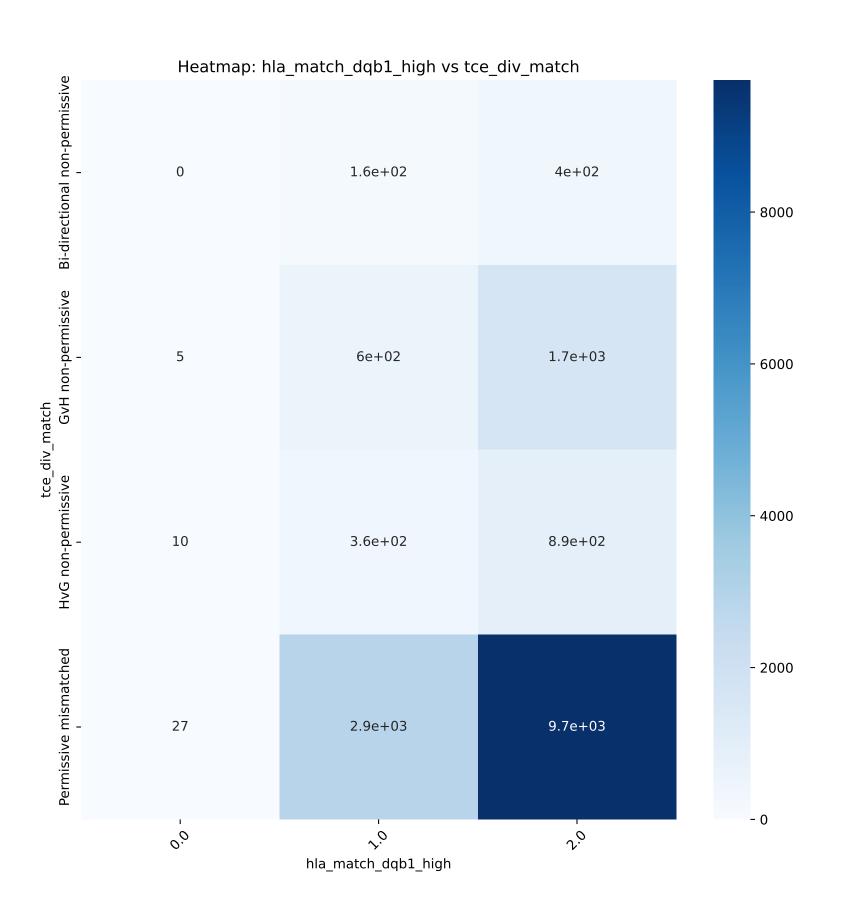


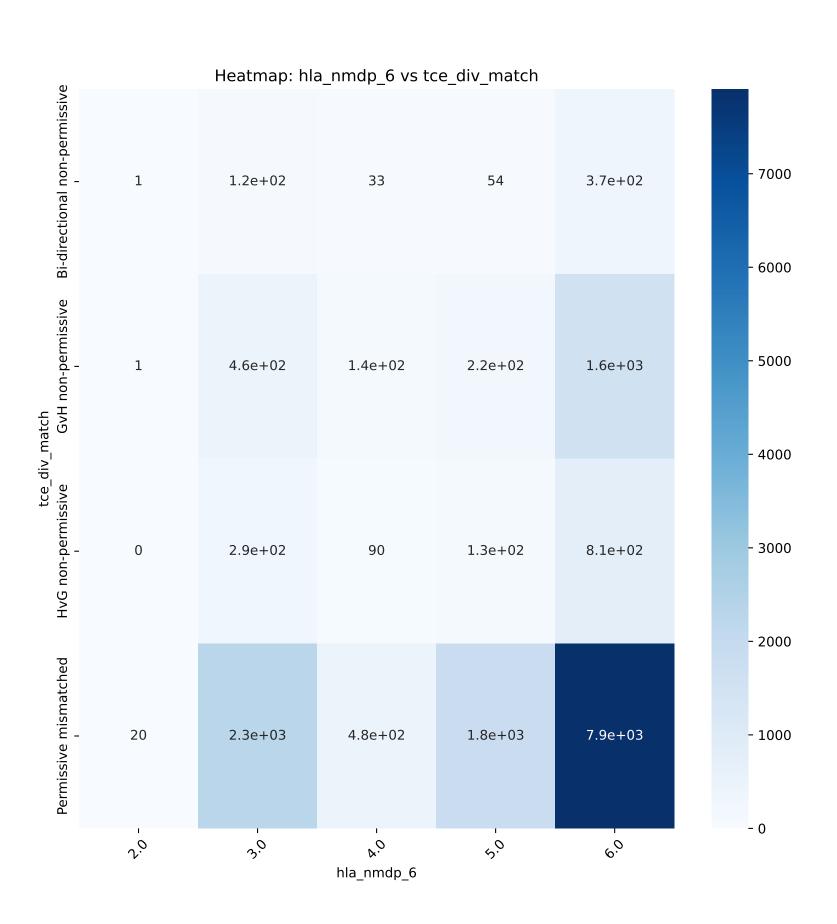


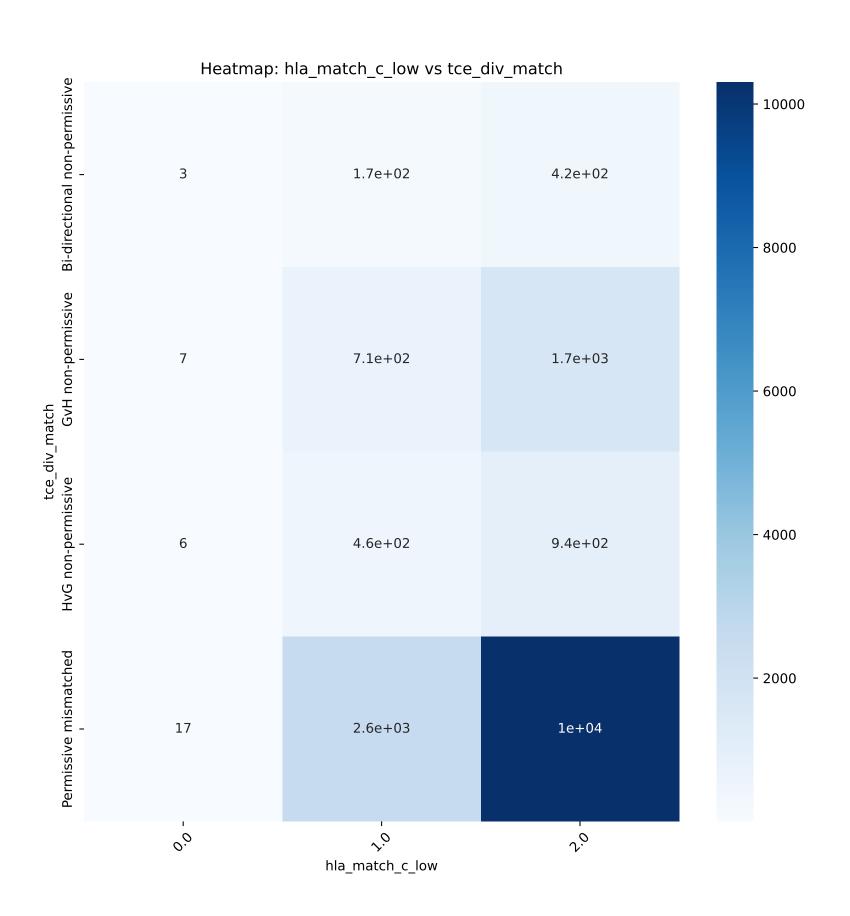


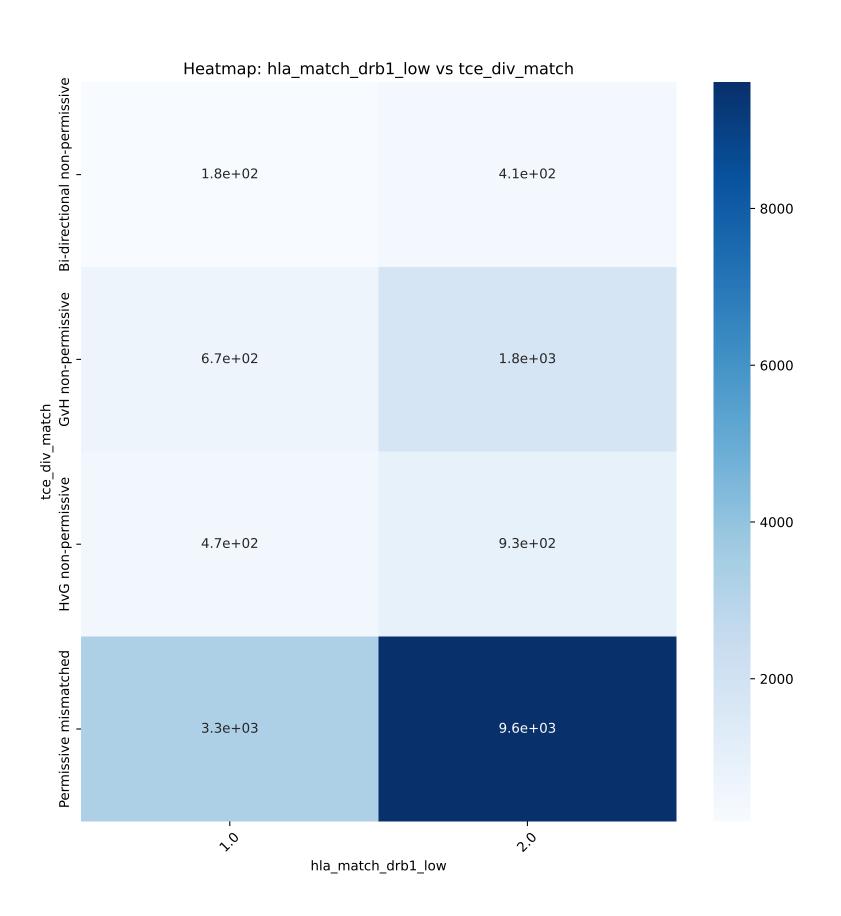


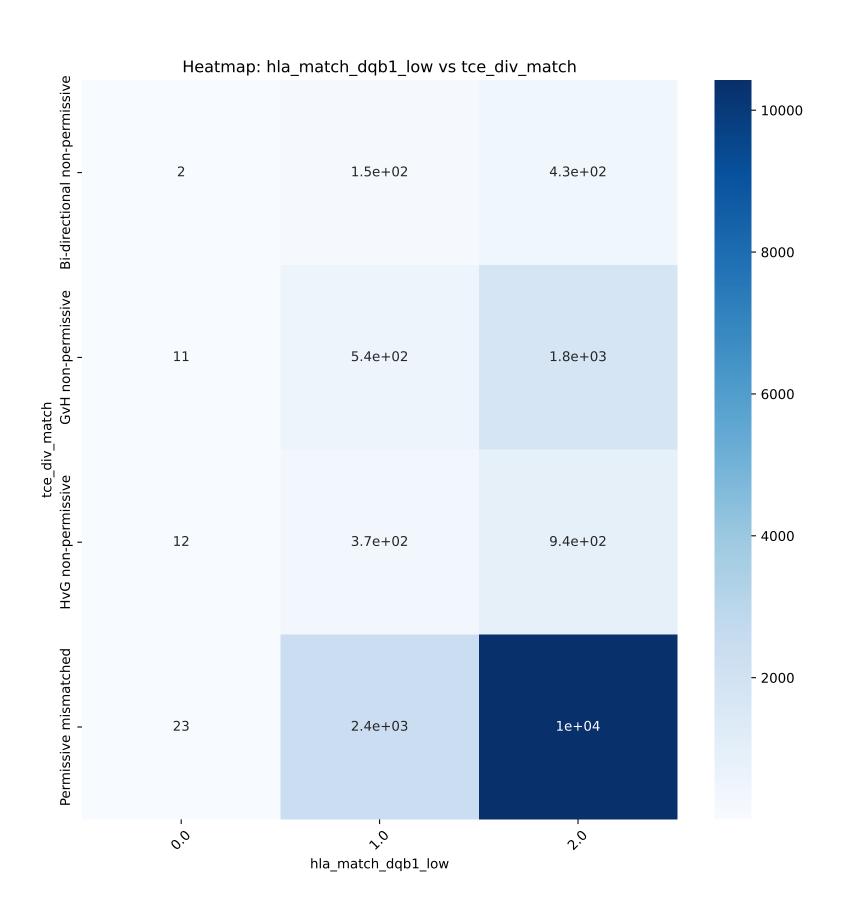


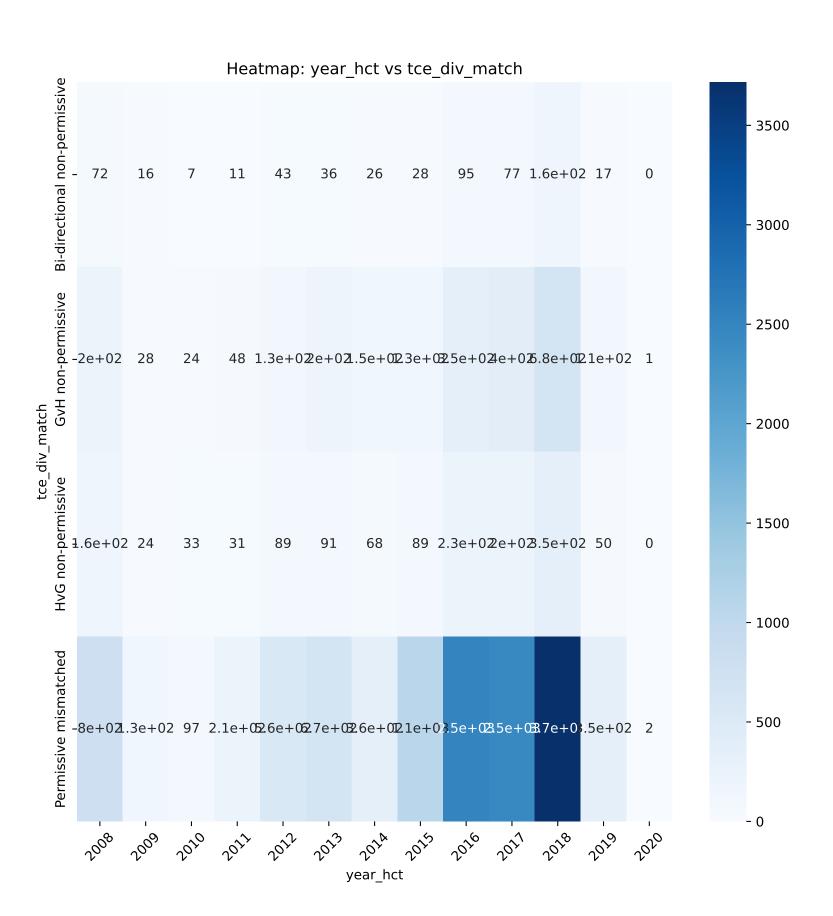


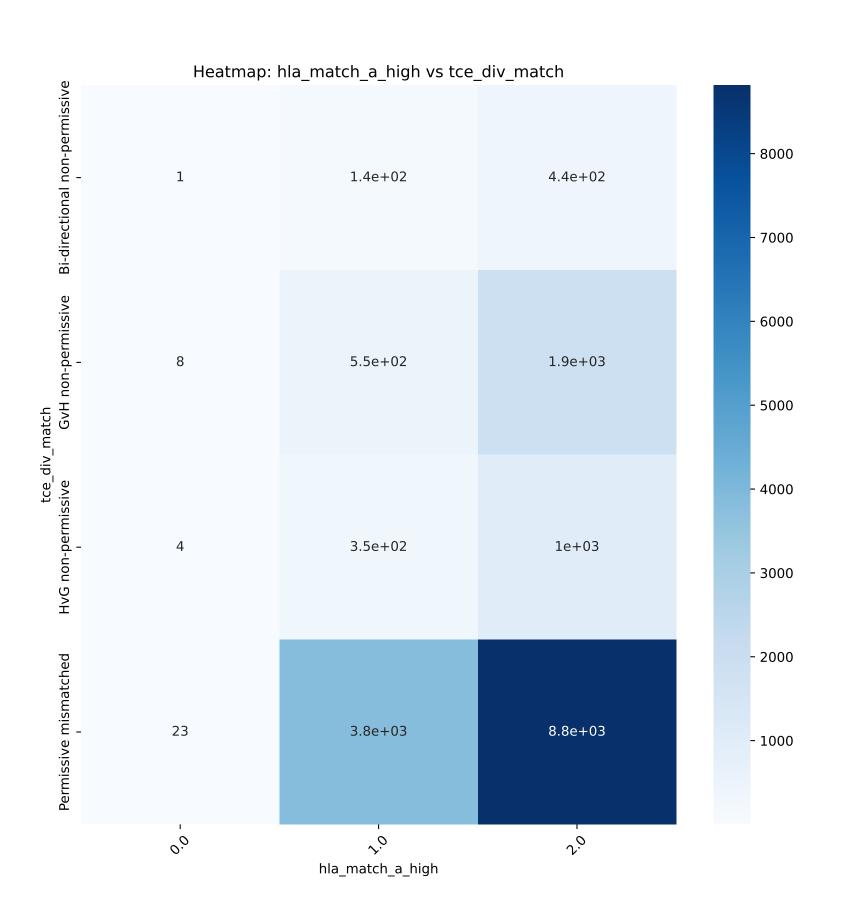


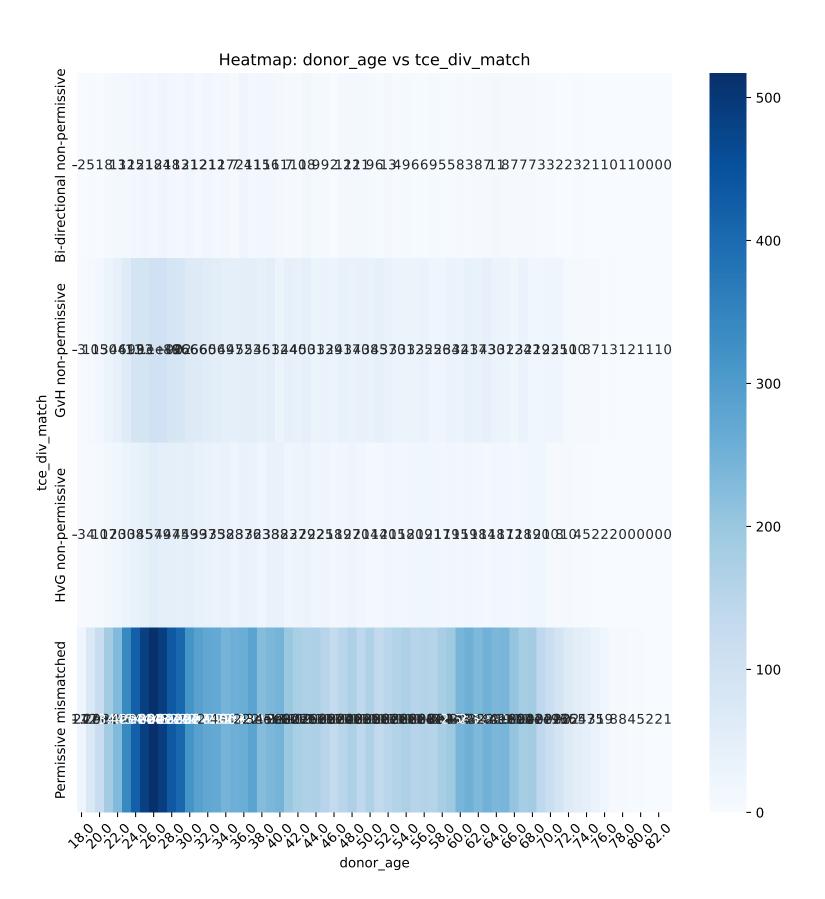


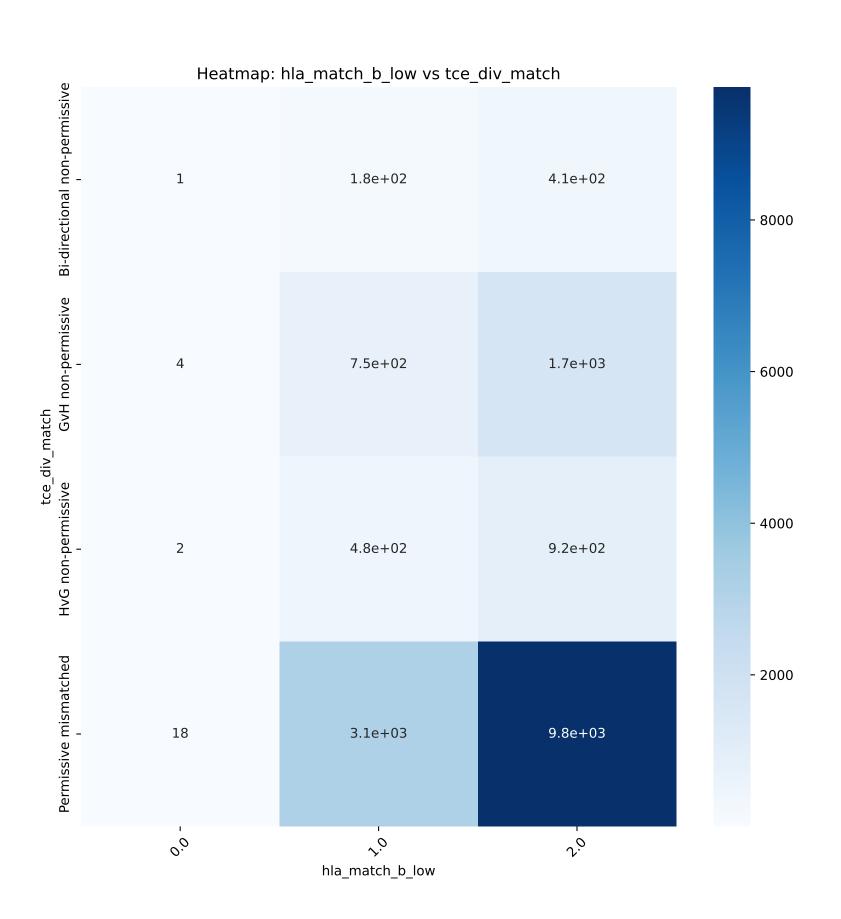


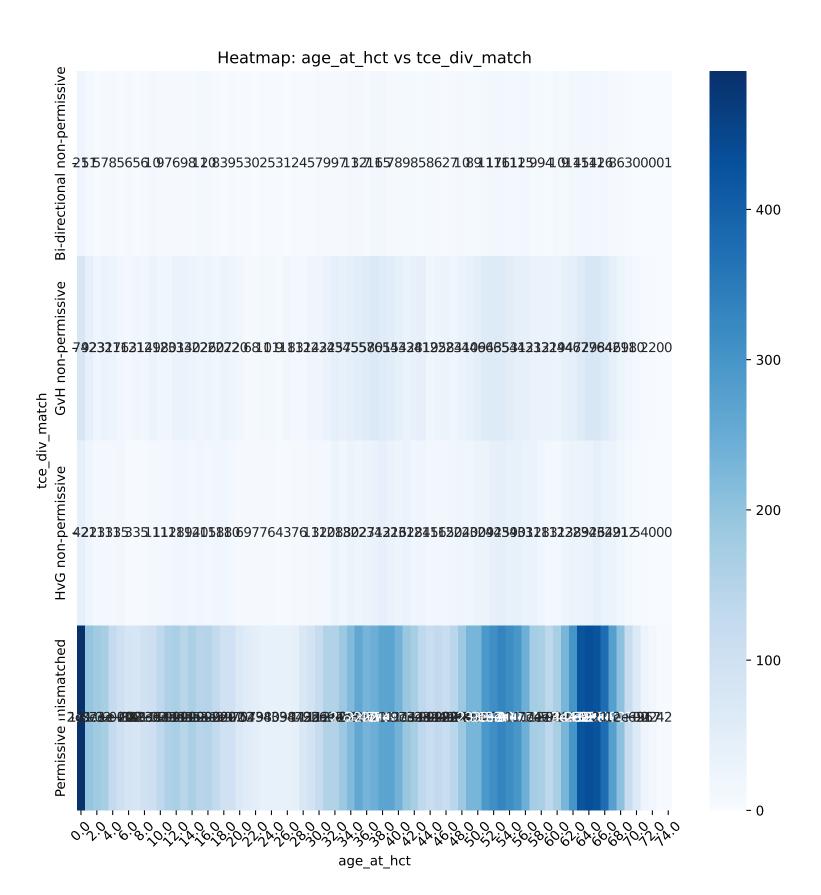


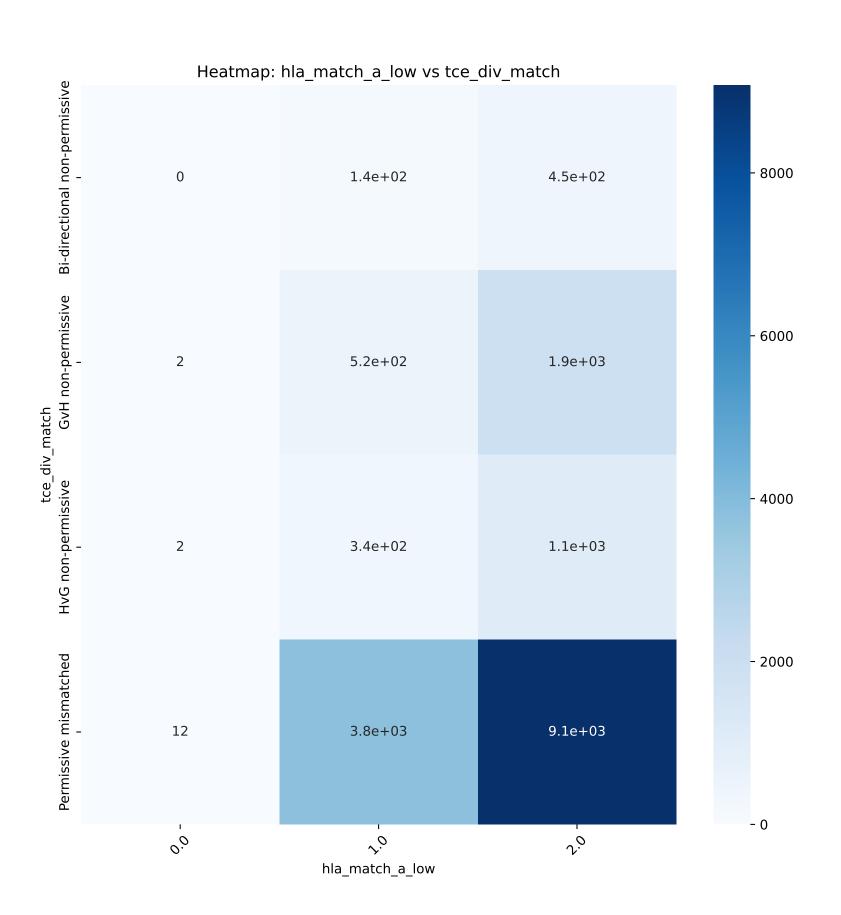


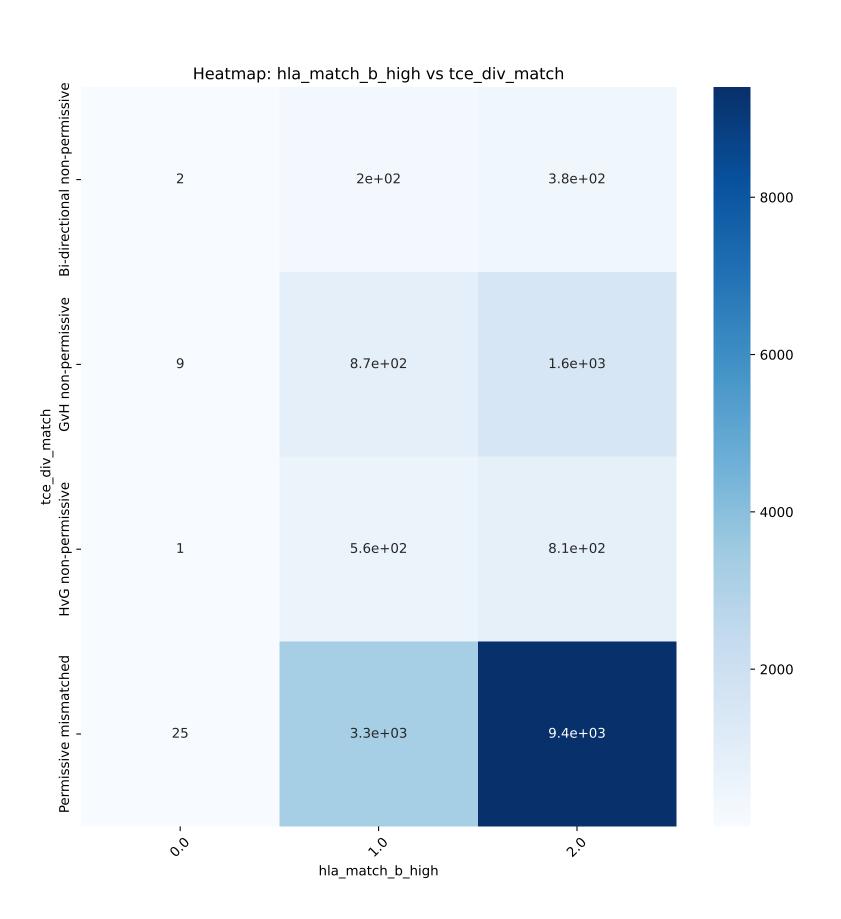


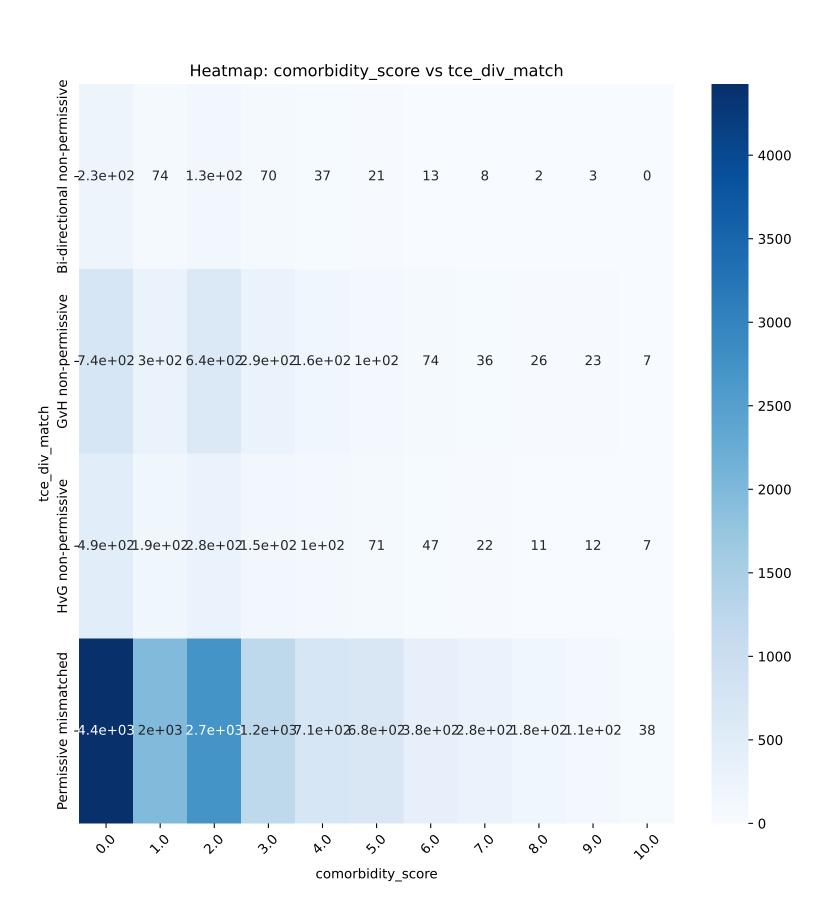


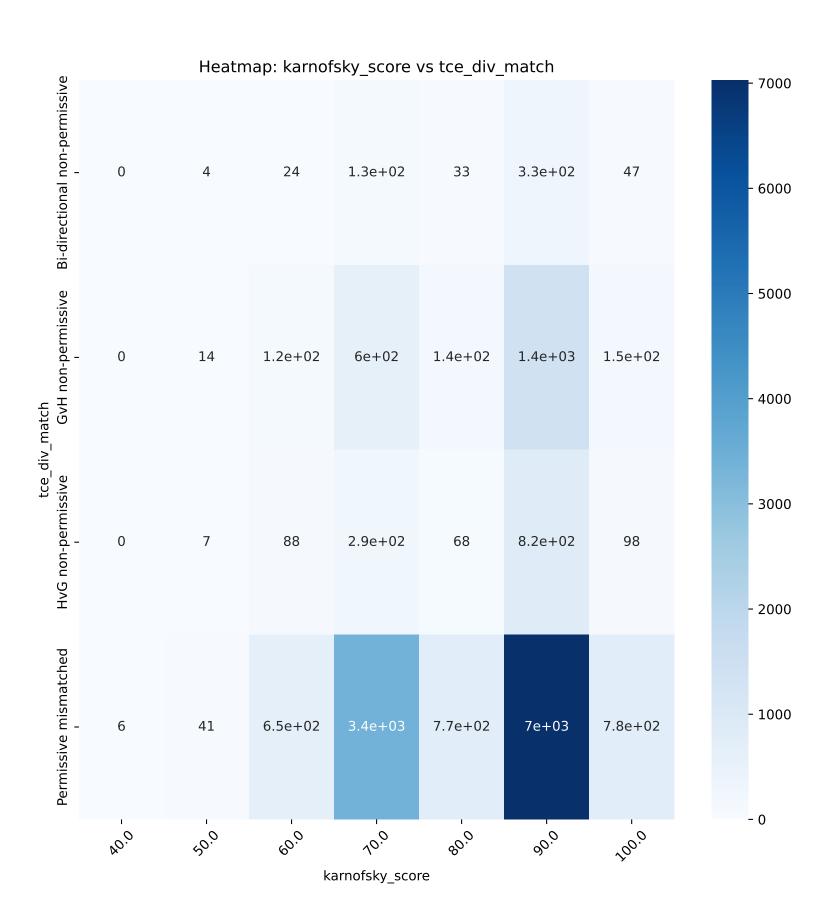


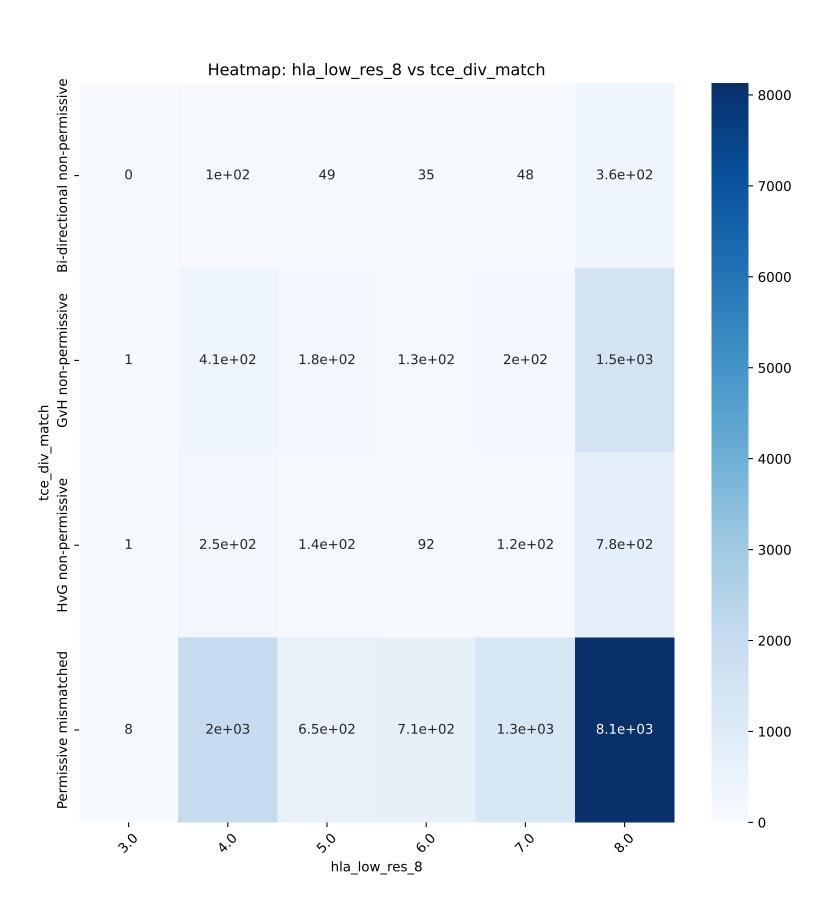


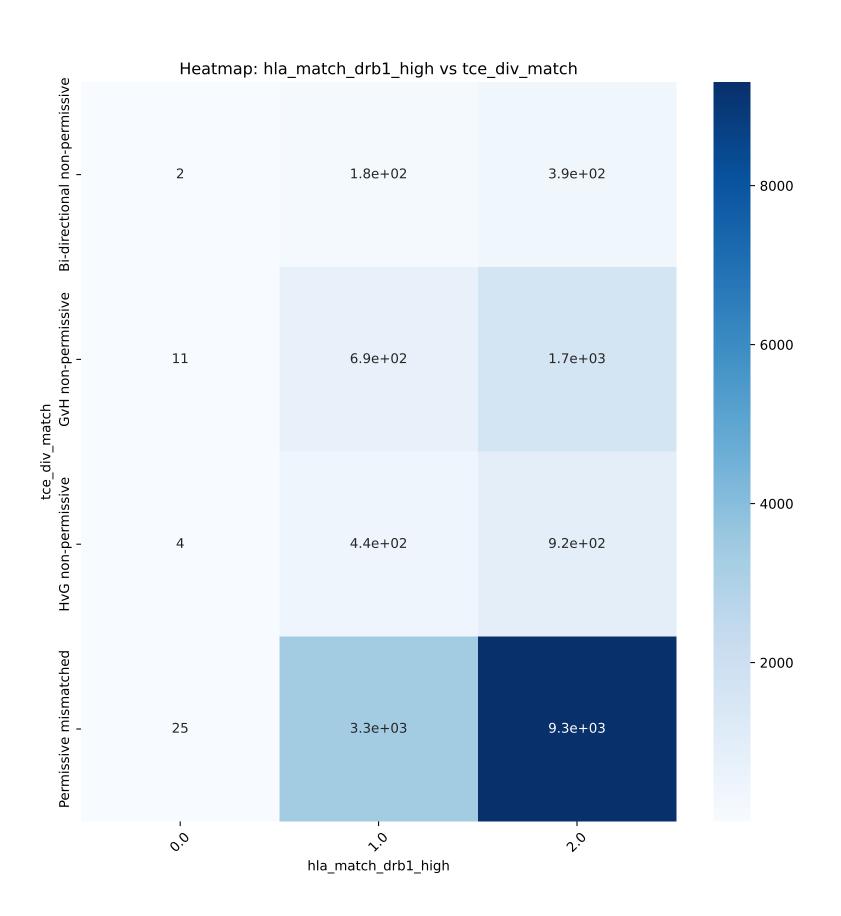


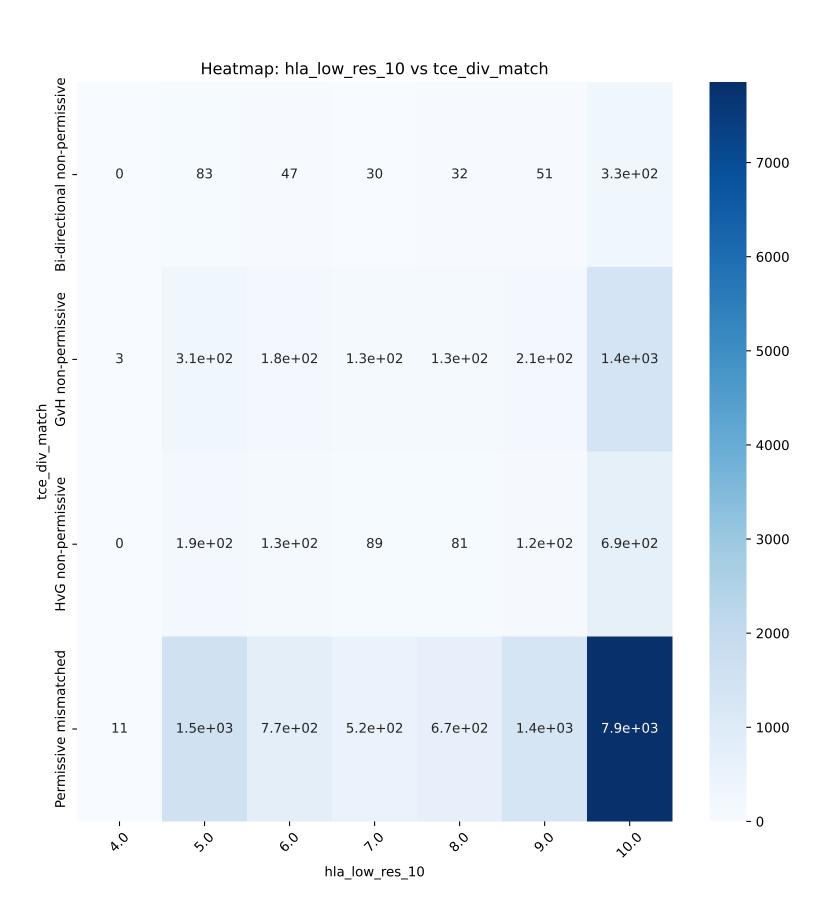


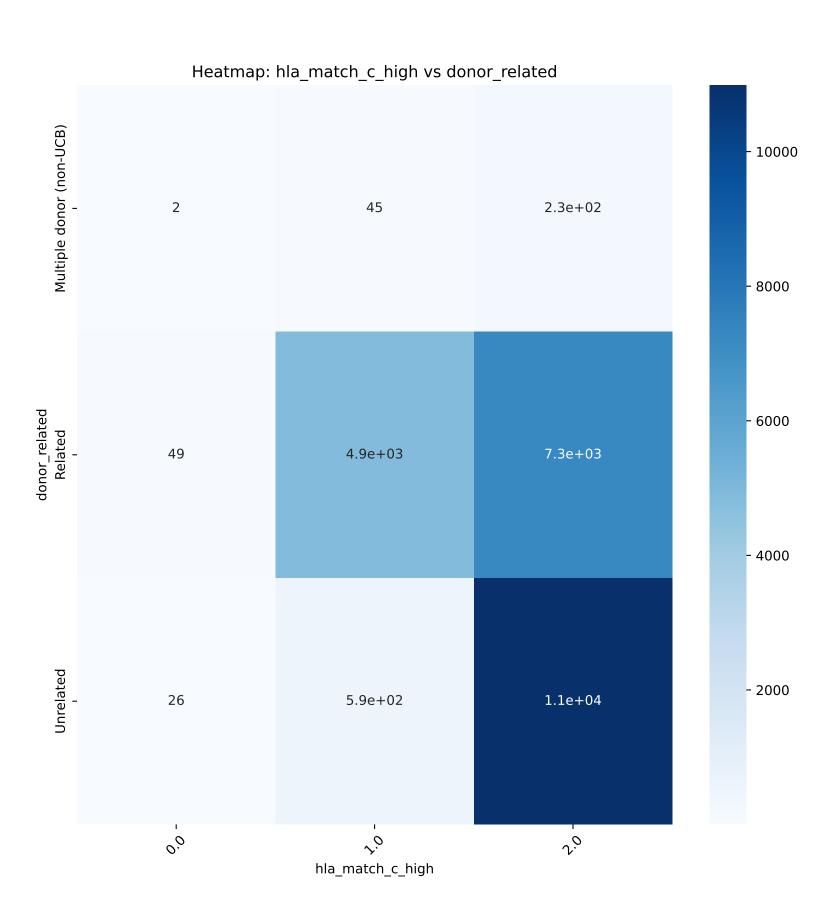




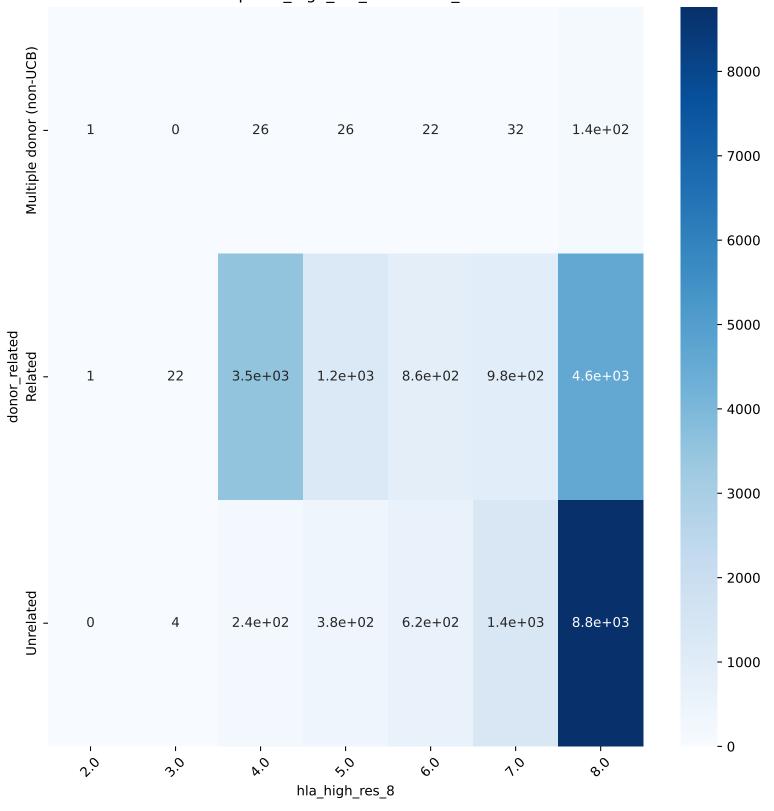


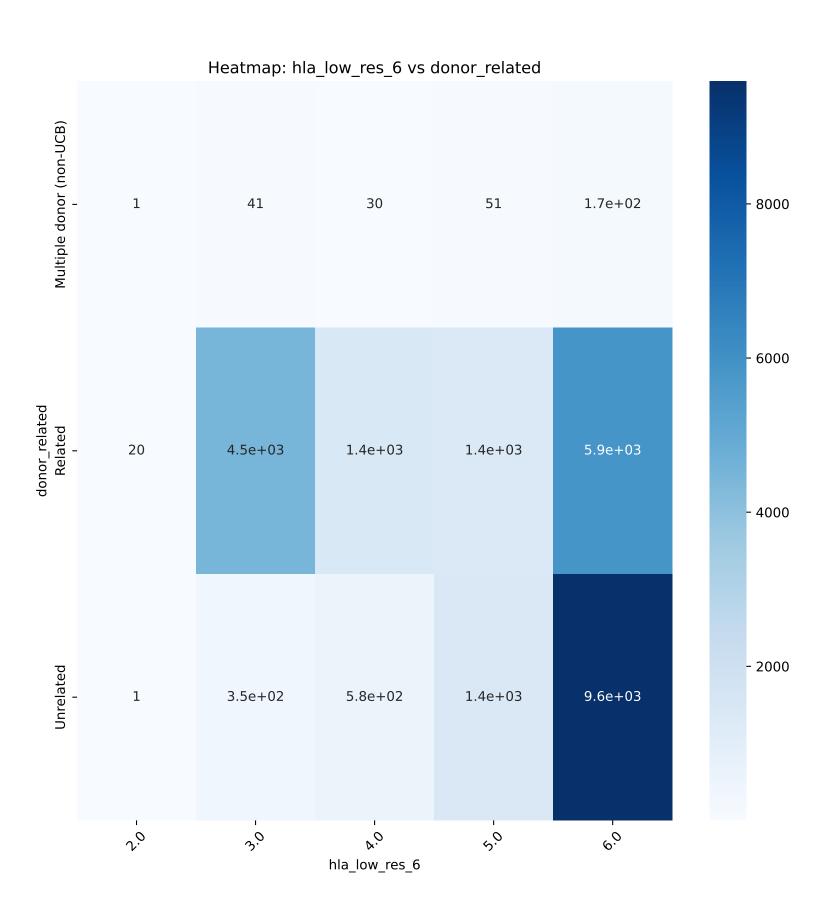




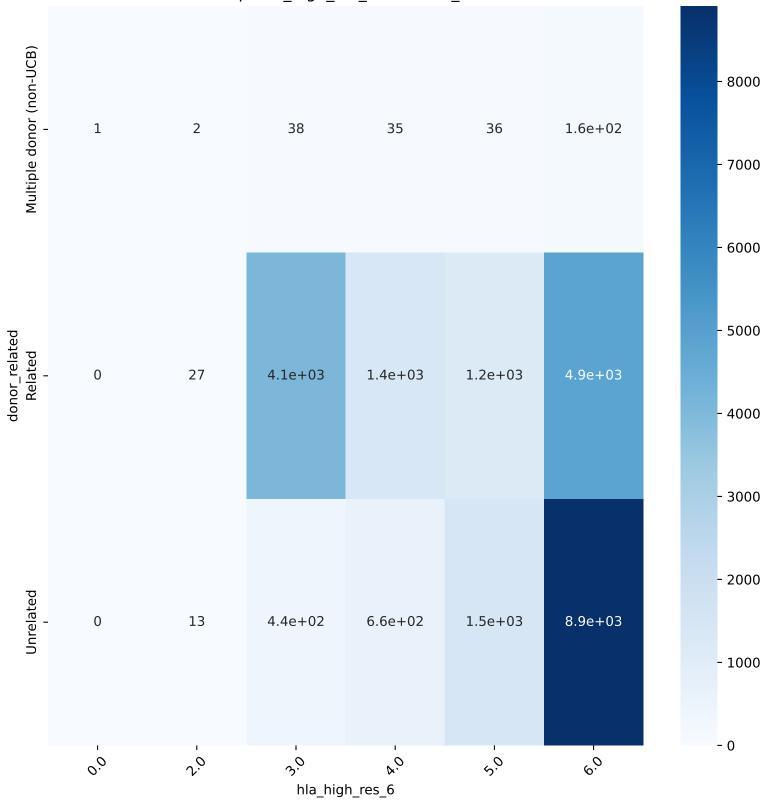


Heatmap: hla\_high\_res\_8 vs donor\_related

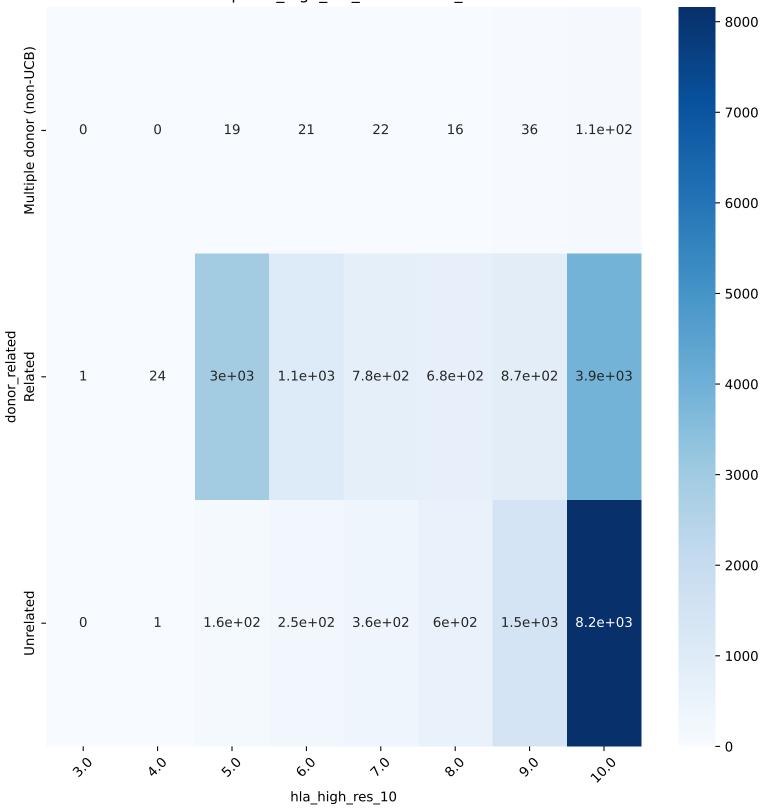


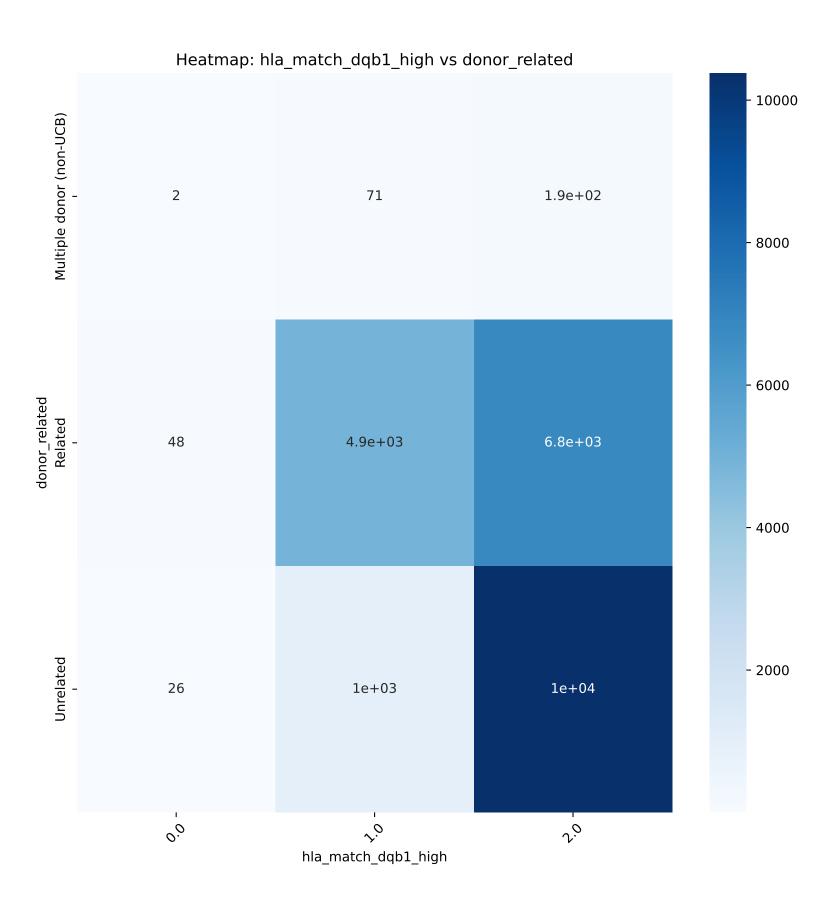


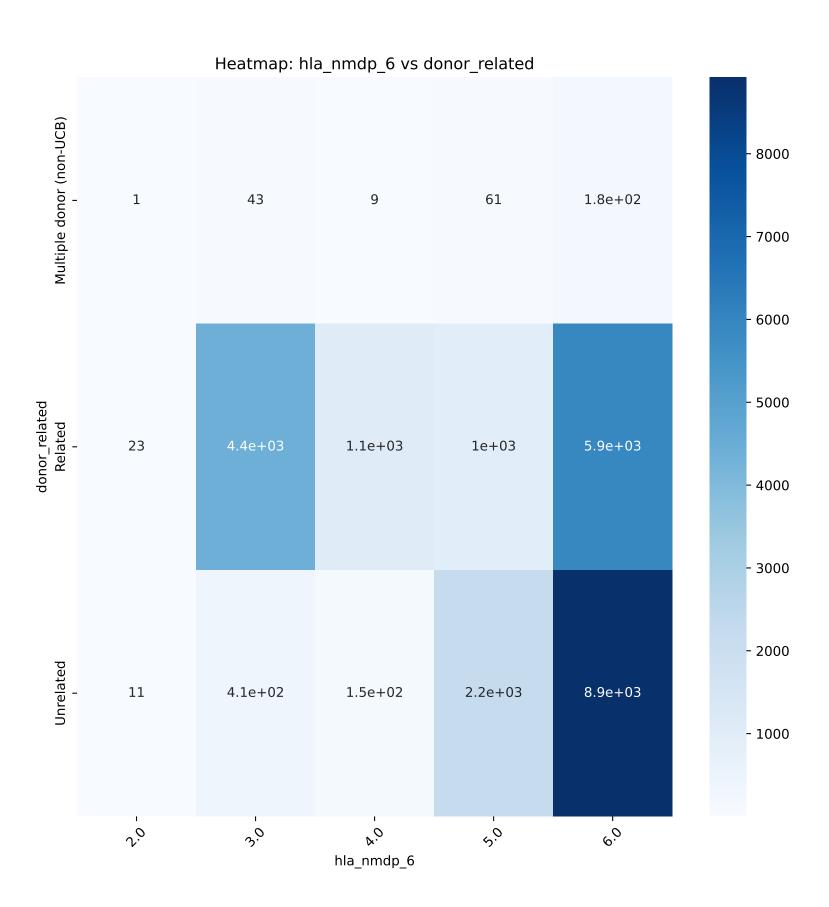
Heatmap: hla\_high\_res\_6 vs donor\_related

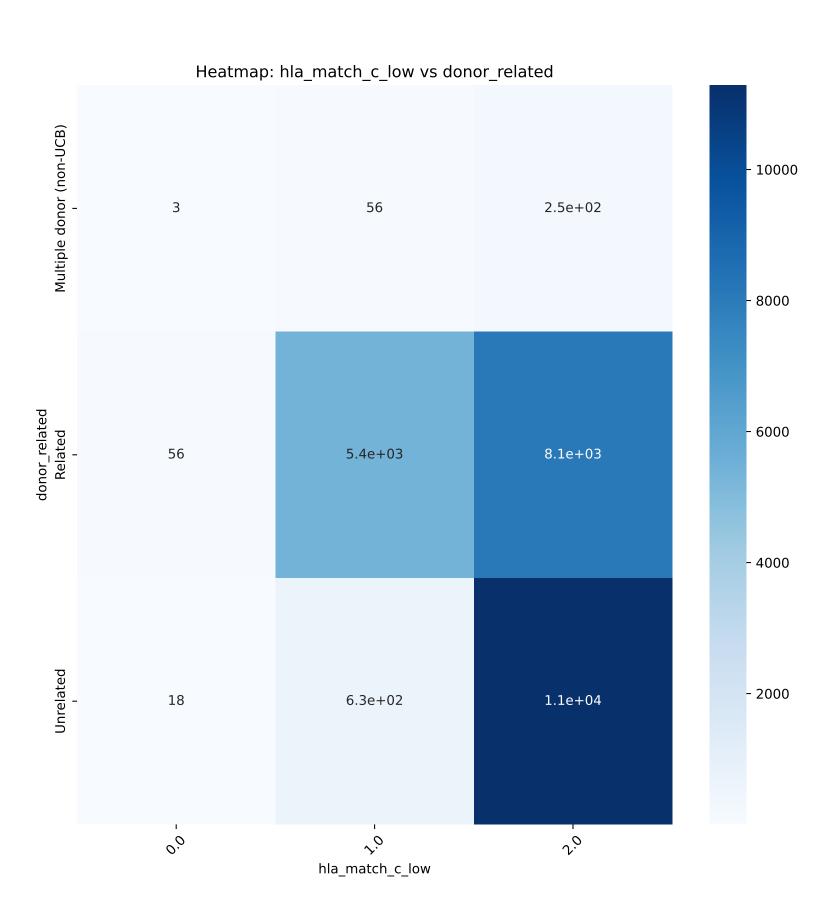


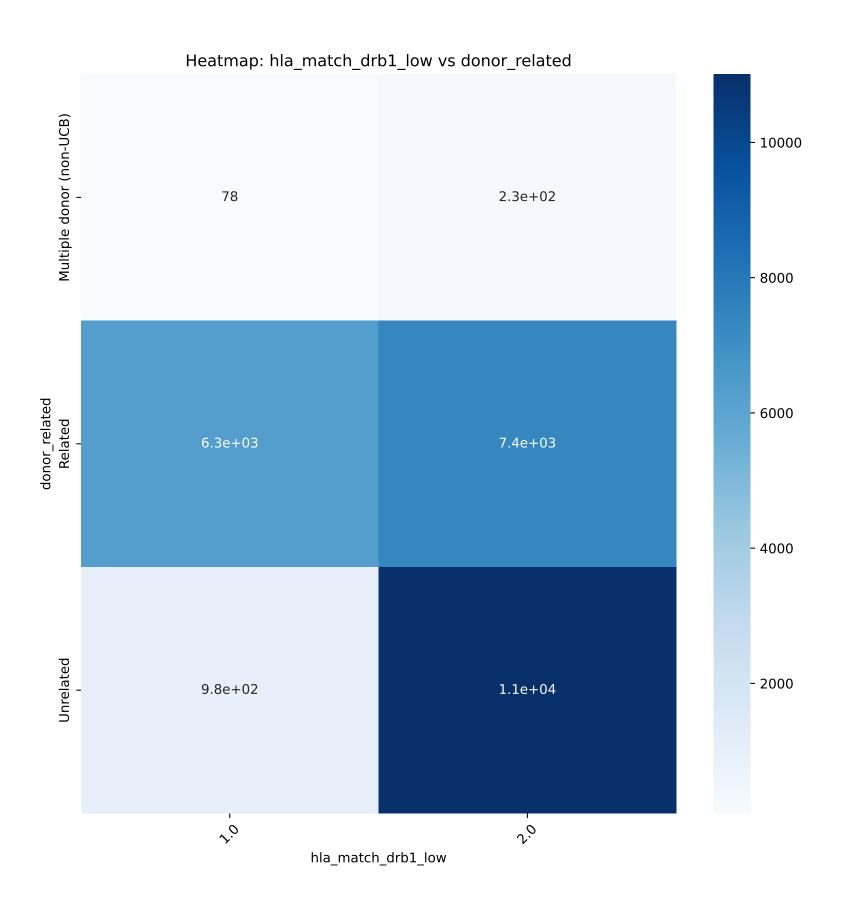
Heatmap: hla\_high\_res\_10 vs donor\_related

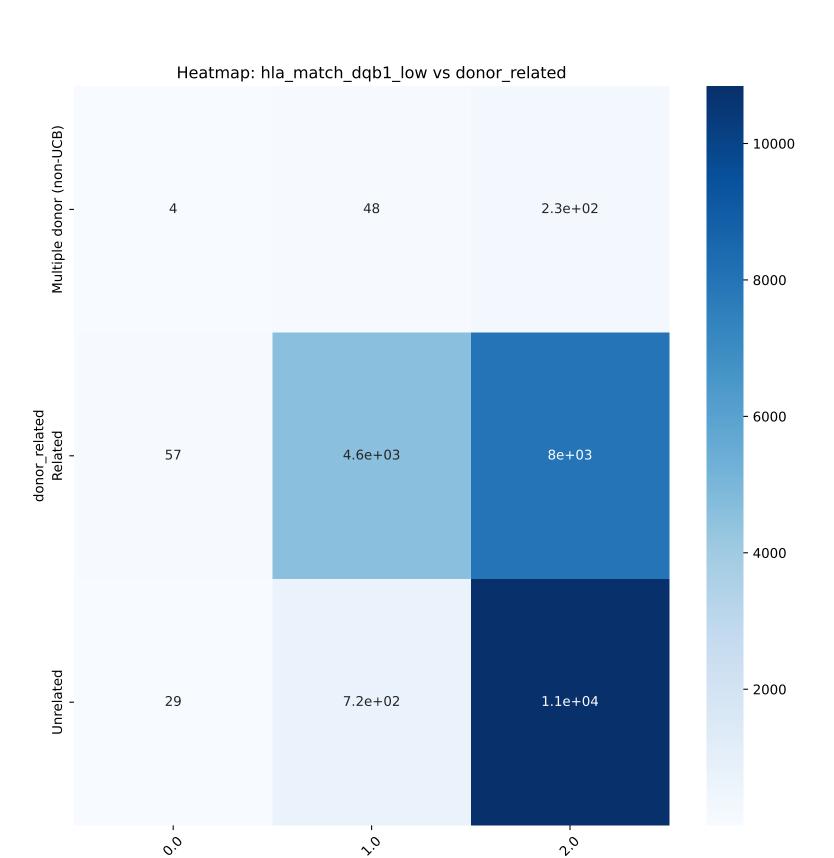






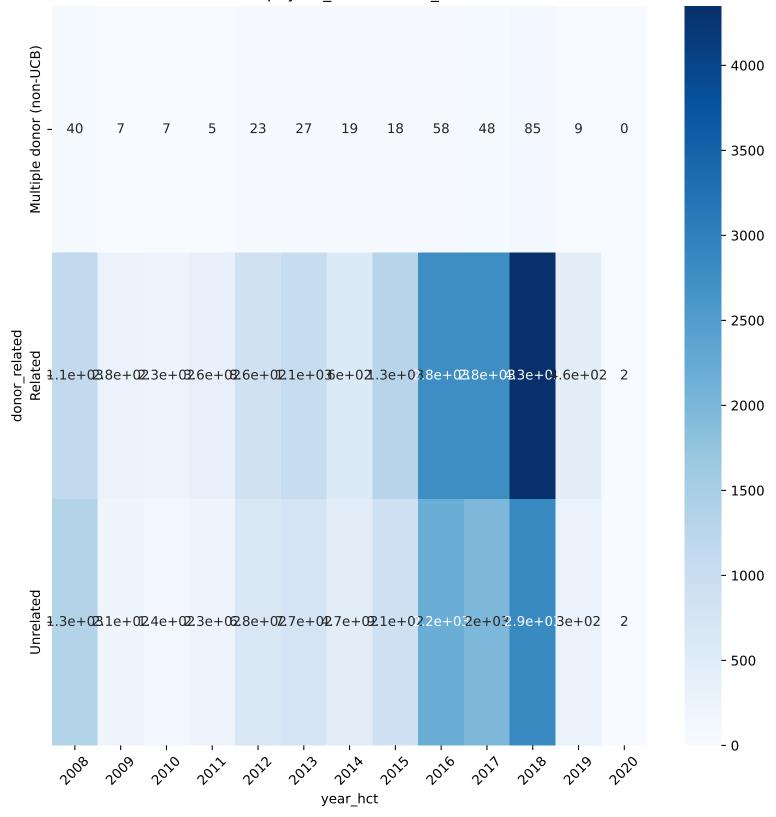


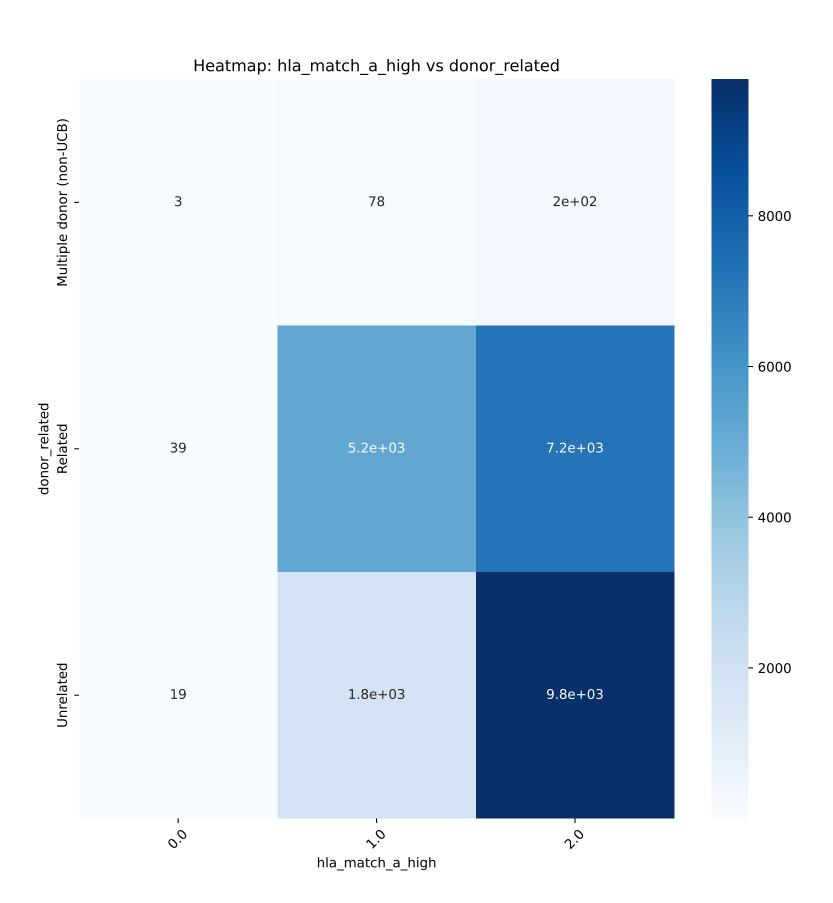




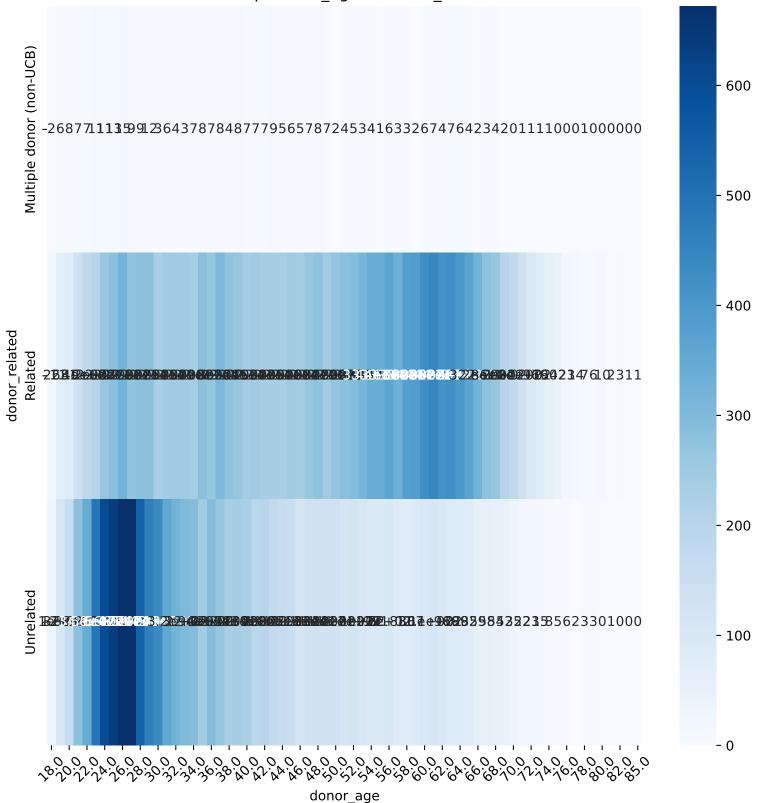
hla\_match\_dqb1\_low

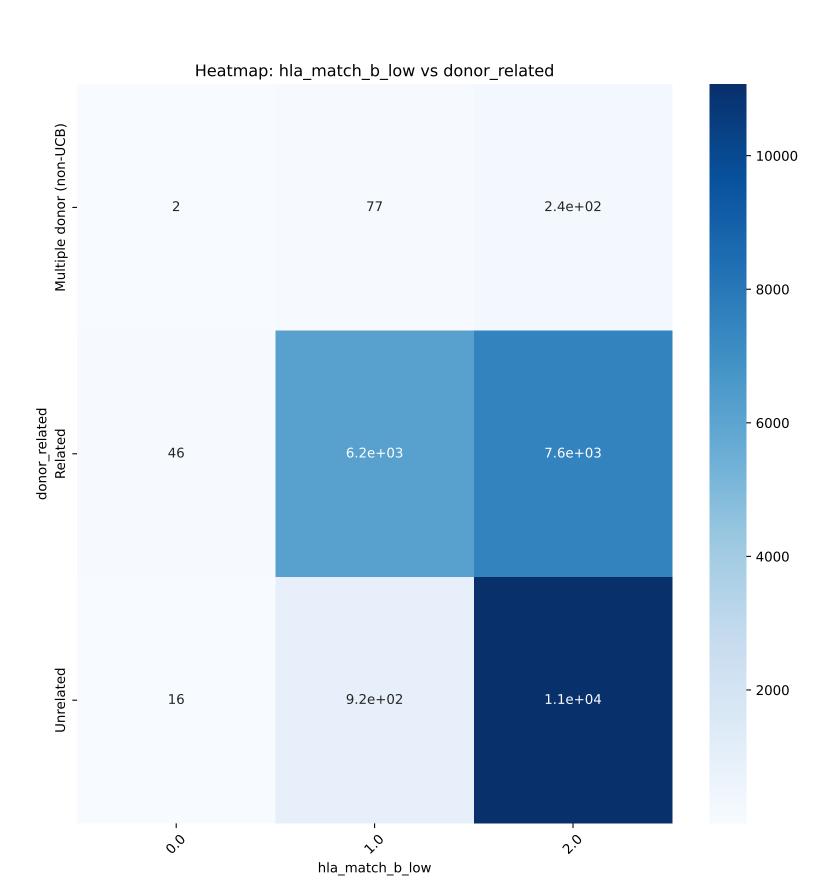
Heatmap: year\_hct vs donor\_related

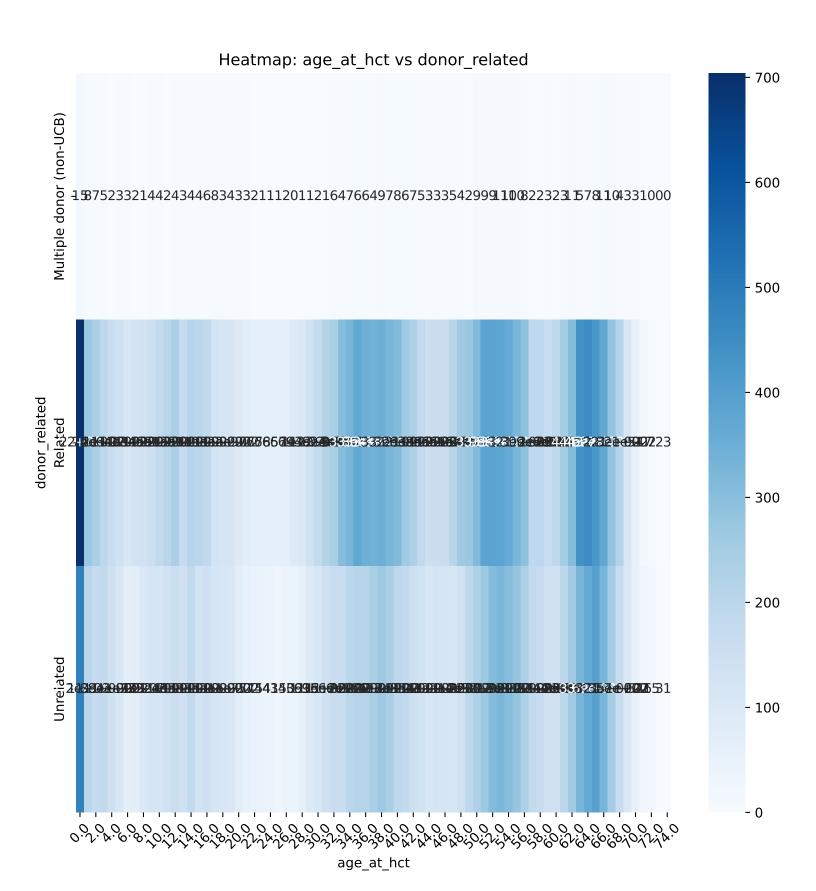


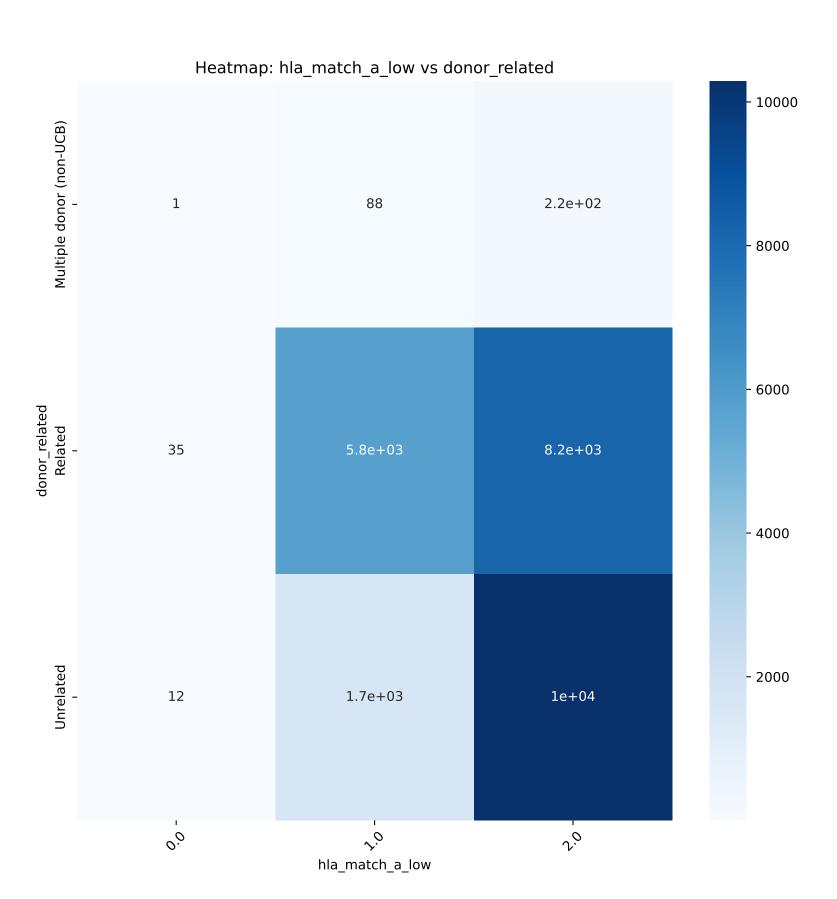


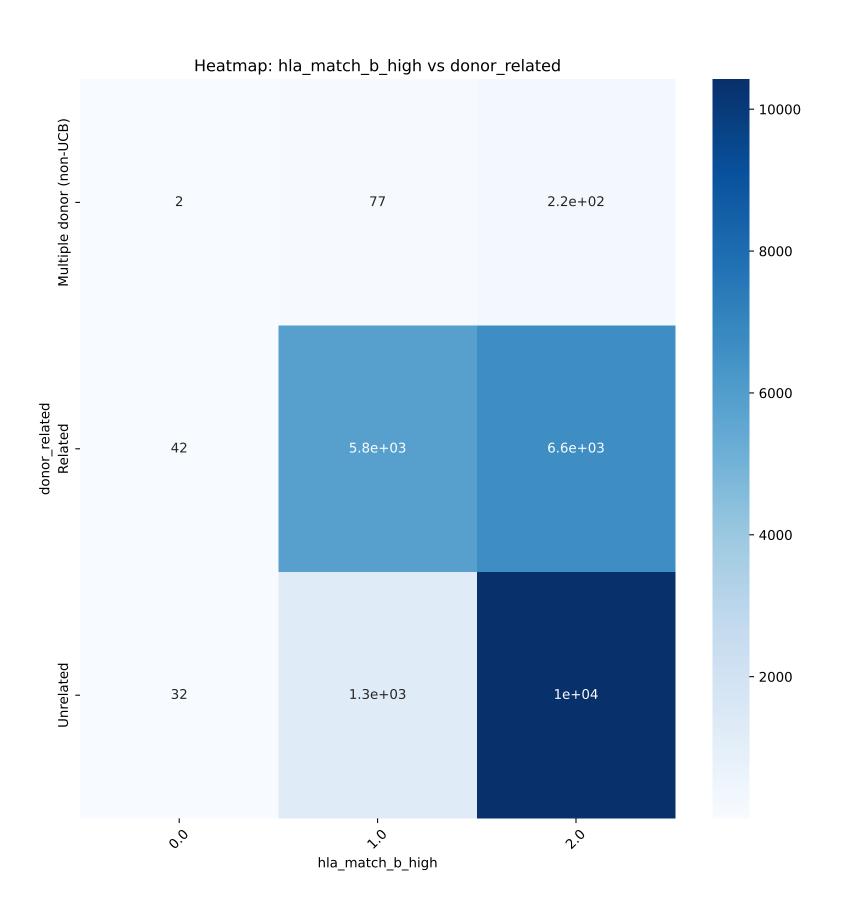
## Heatmap: donor\_age vs donor\_related



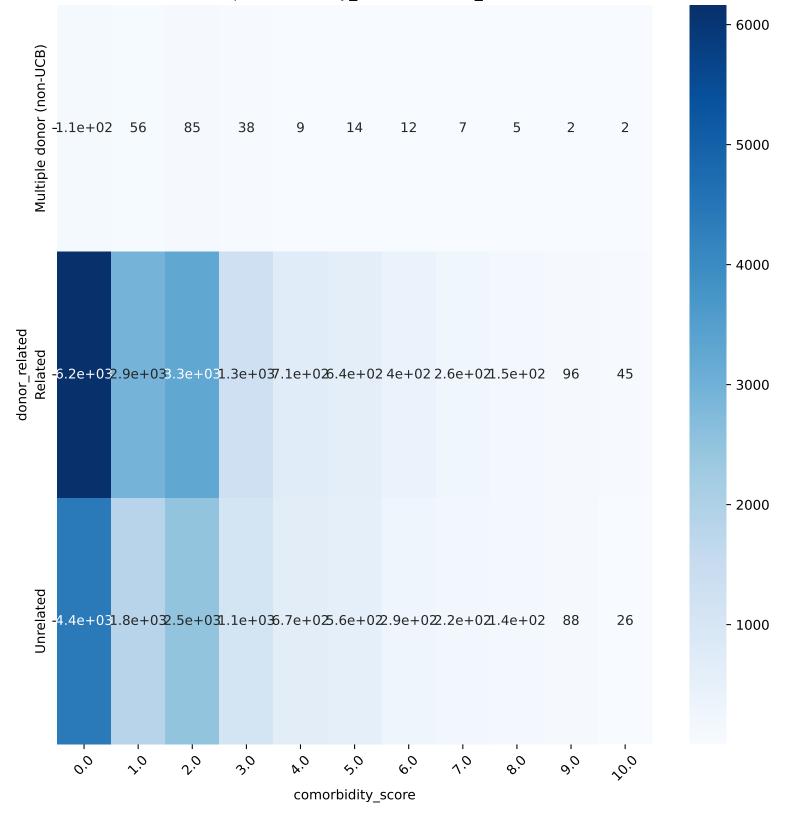




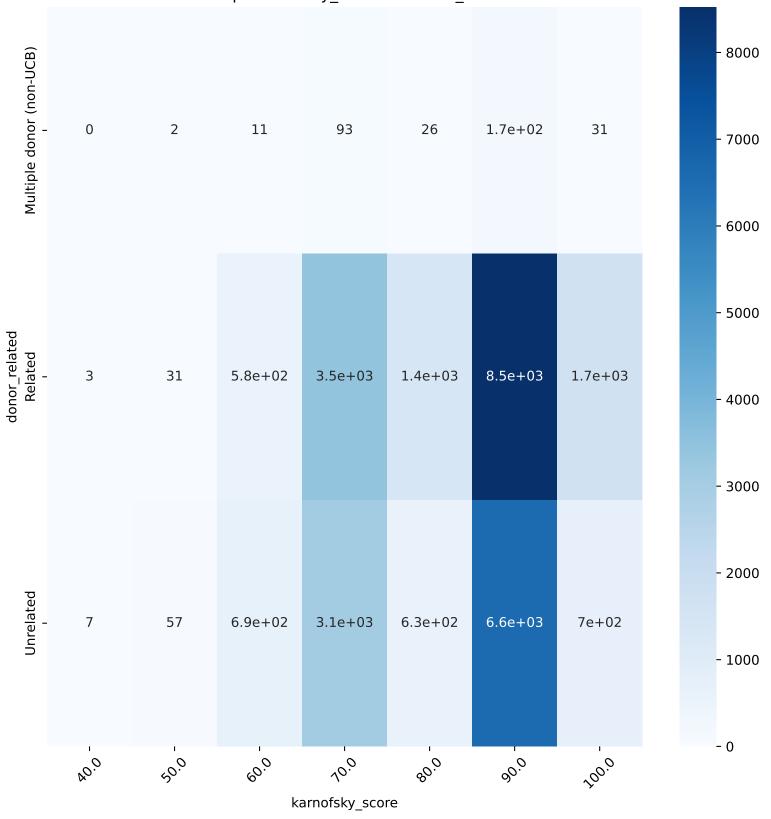




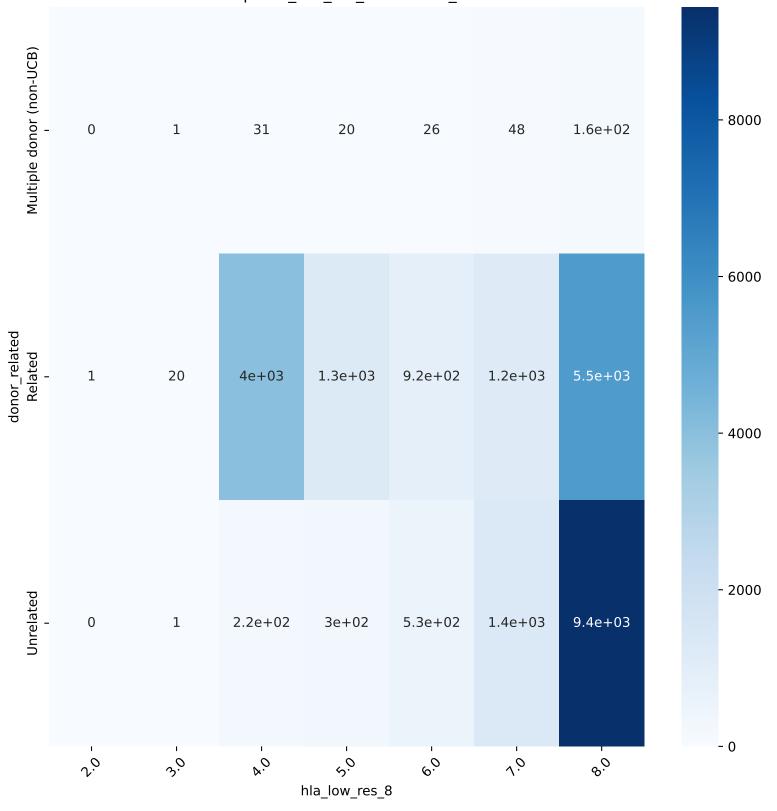
Heatmap: comorbidity\_score vs donor\_related

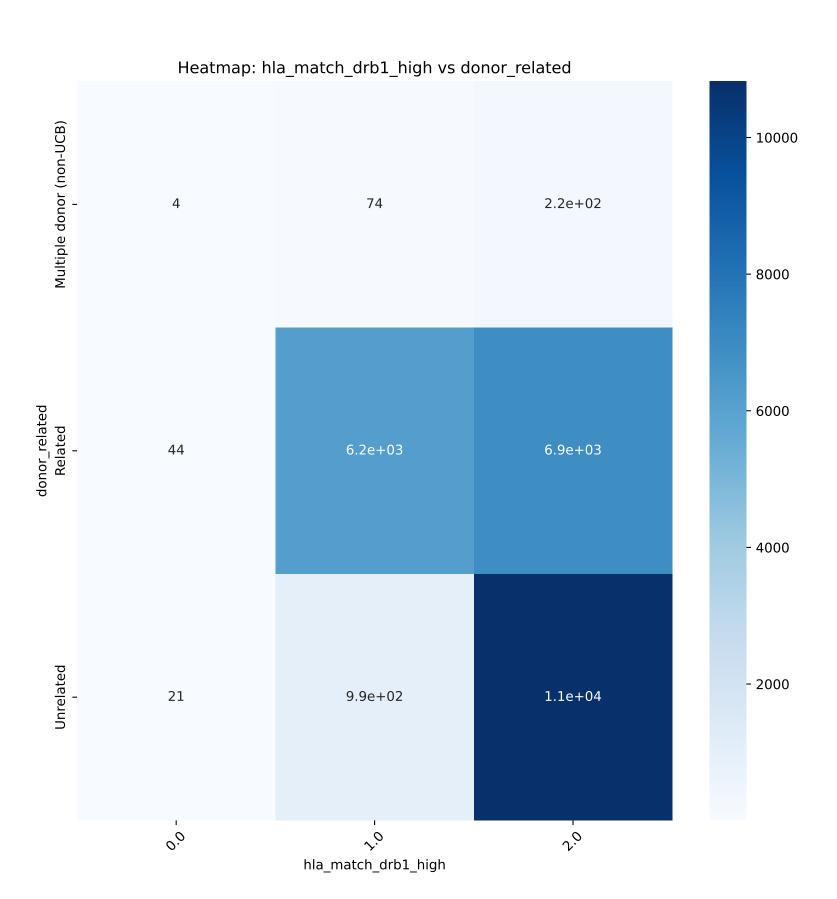


Heatmap: karnofsky\_score vs donor\_related

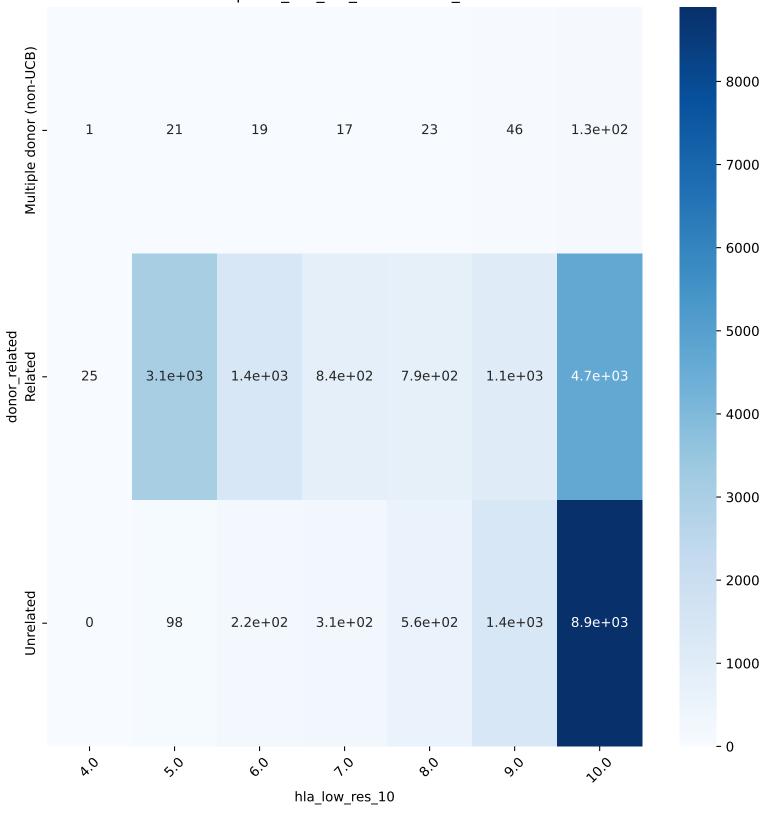


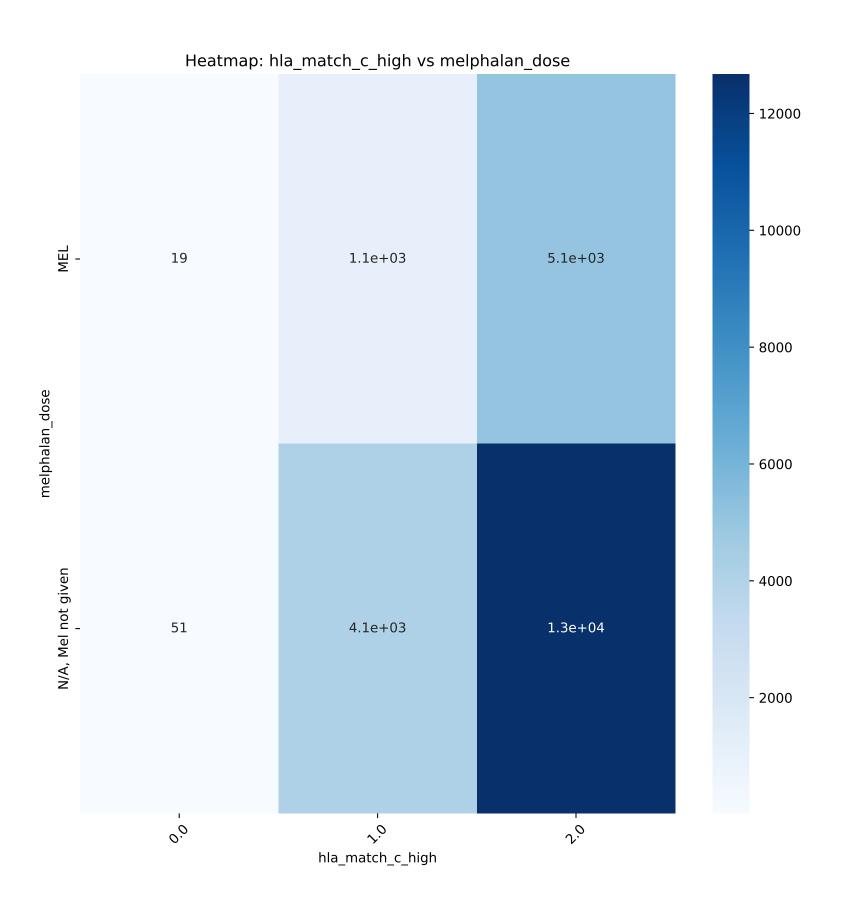
Heatmap: hla\_low\_res\_8 vs donor\_related

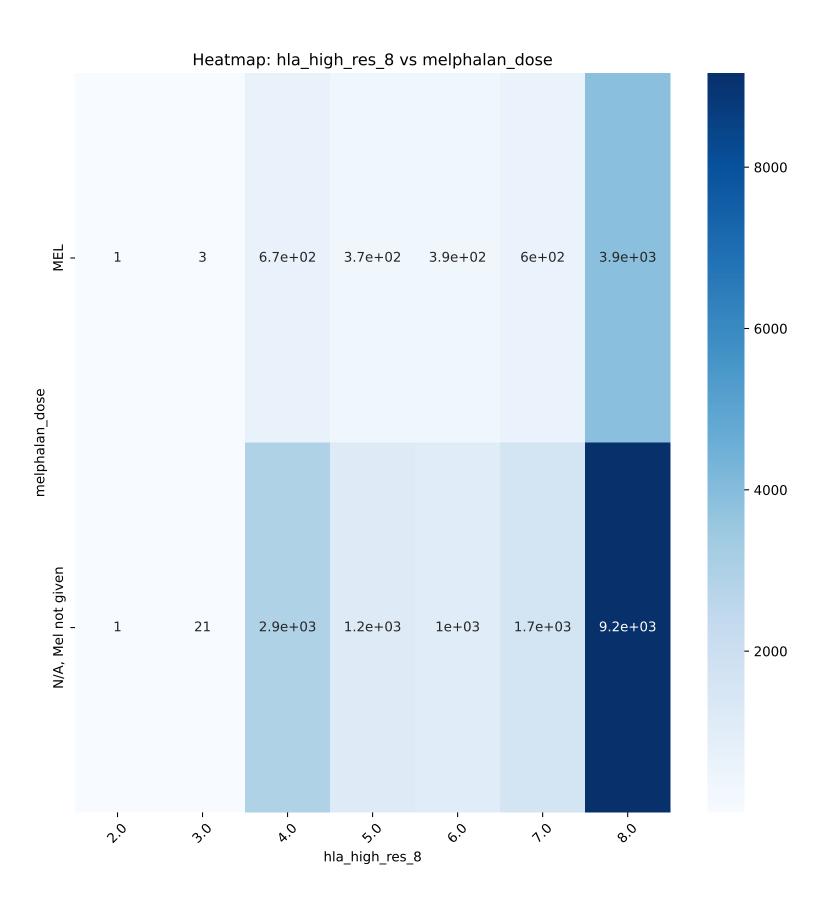


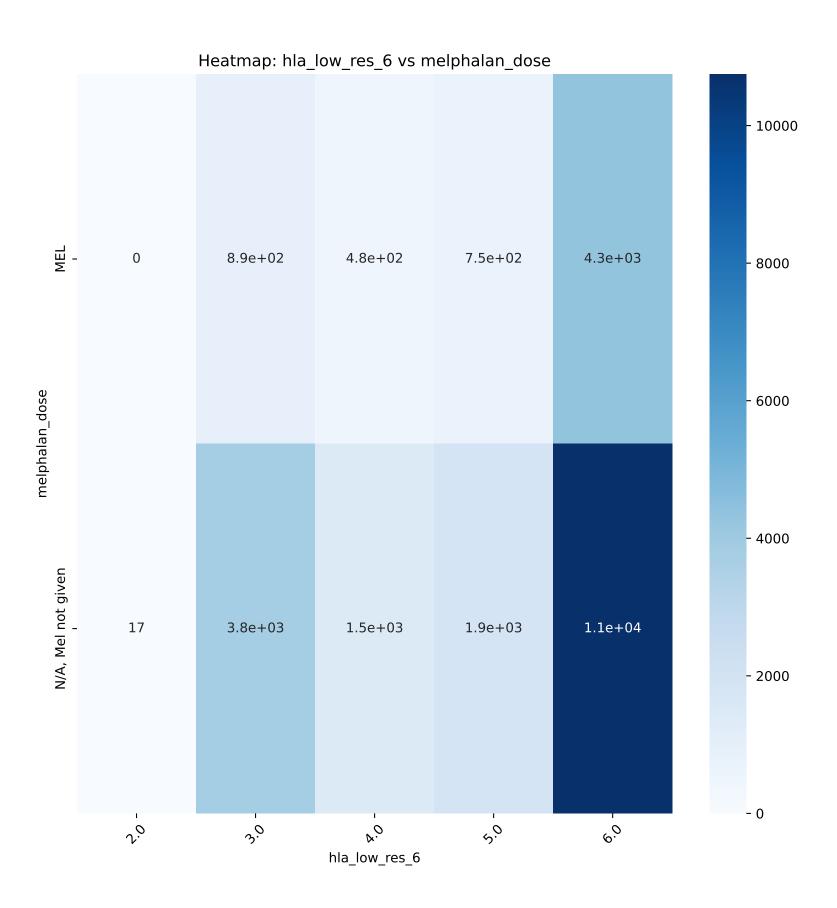


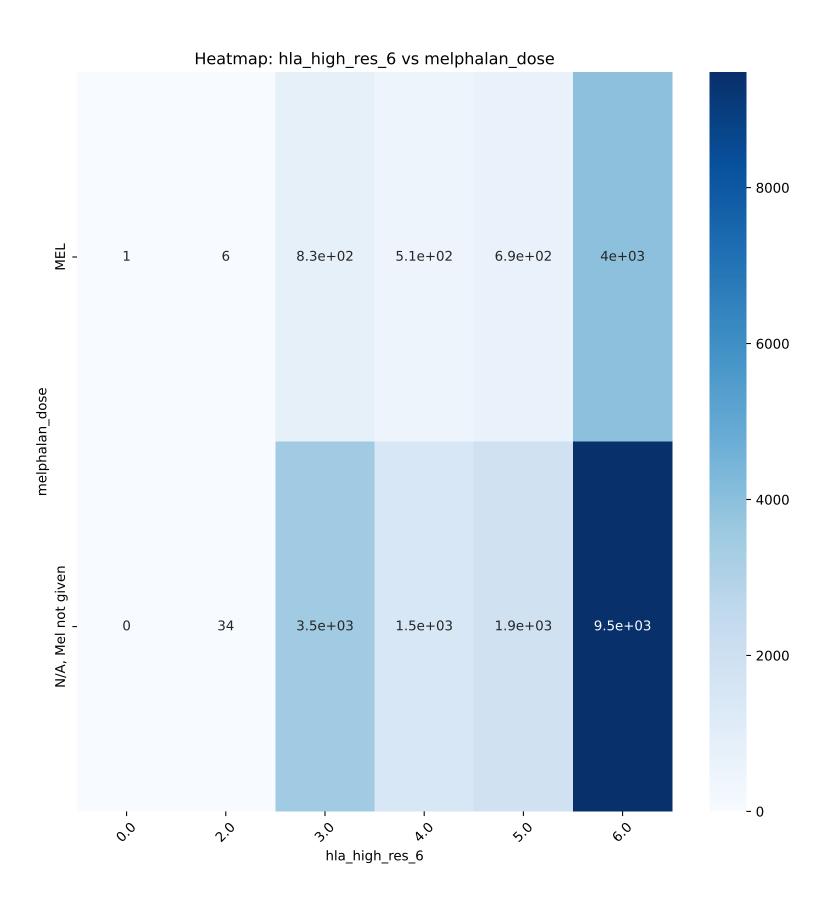
Heatmap: hla\_low\_res\_10 vs donor\_related





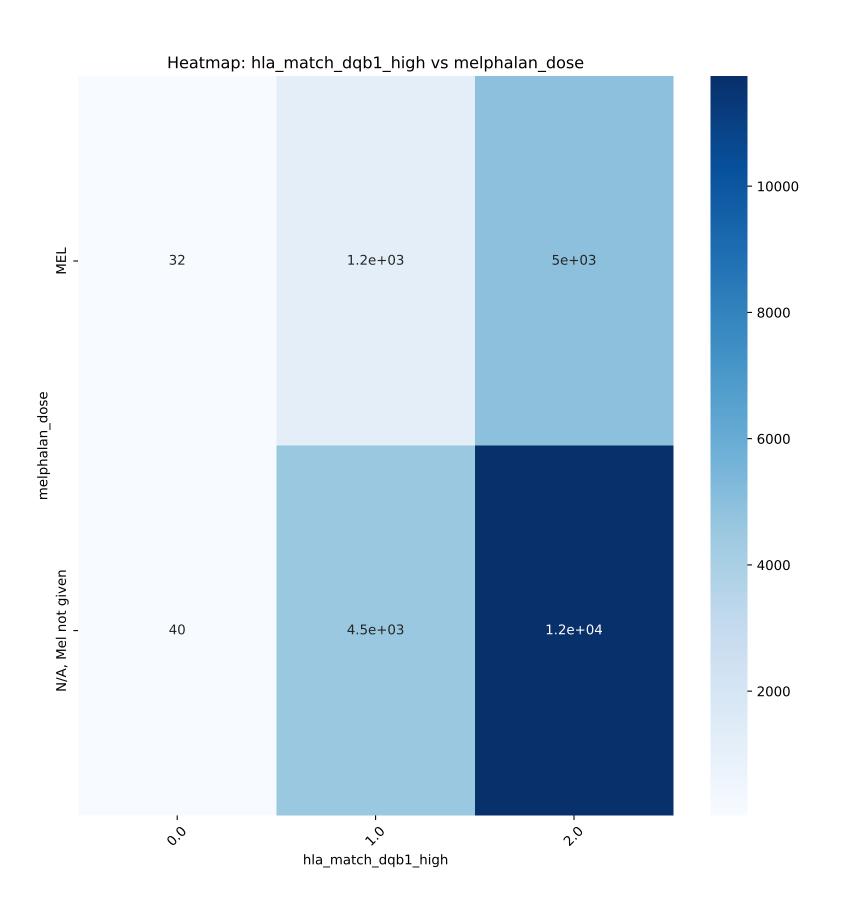


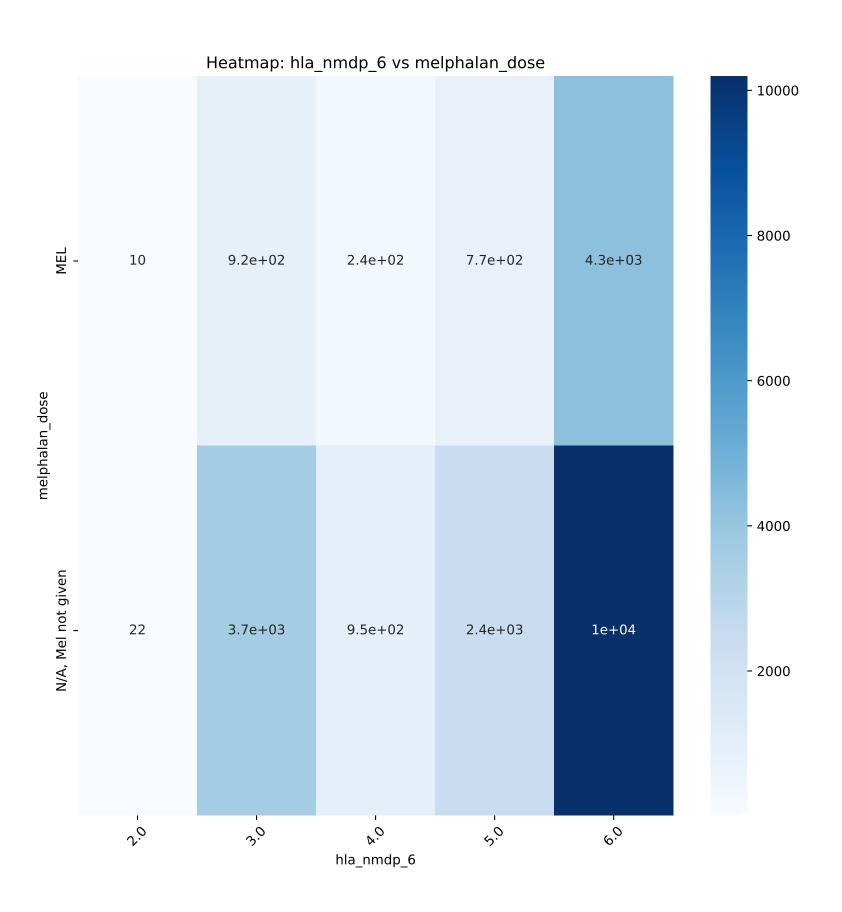


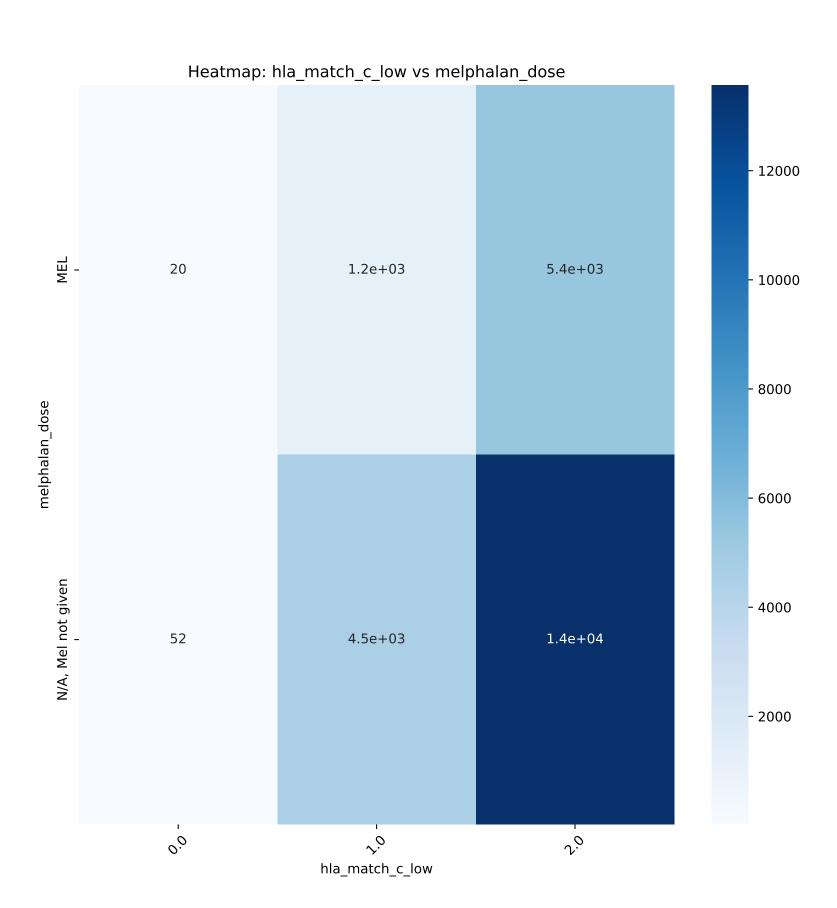


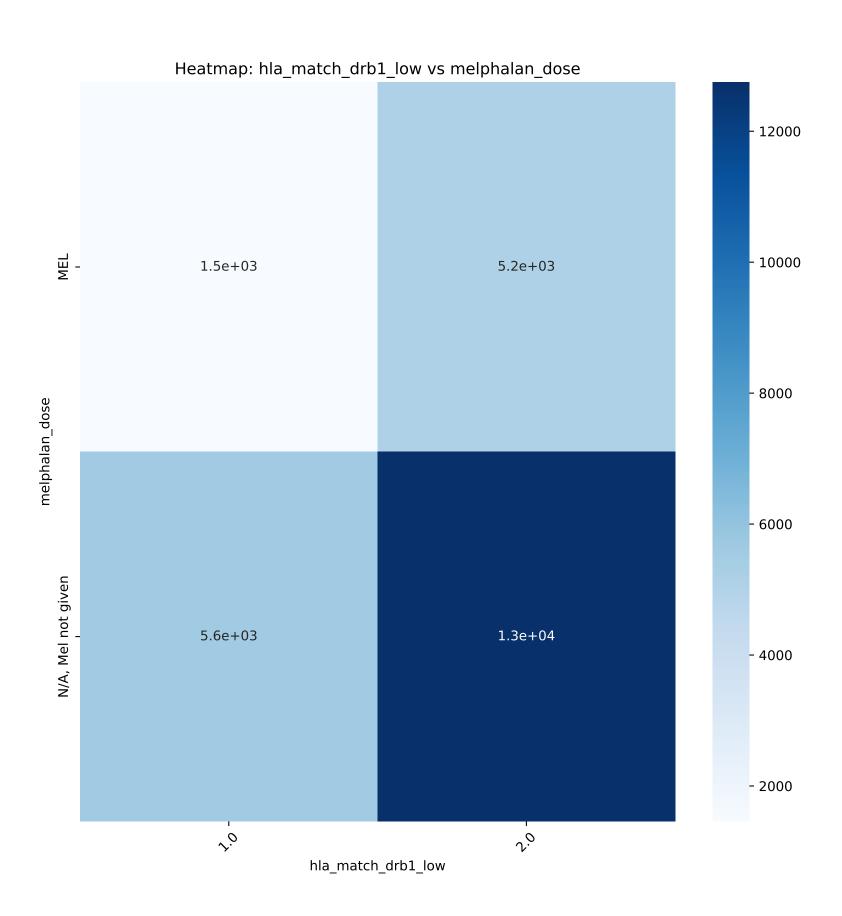
Heatmap: hla\_high\_res\_10 vs melphalan\_dose 8000 - 7000 MEL -0 5.5e+02 2.8e+02 3.1e+02 3.5e+02 6e+02 3.6e+03 6000 - 5000 melphalan\_dose - 4000 - 3000 N/A, Mel not given 8.2e+03 1 19 2.4e+03 1e+03 8e+02 9e+02 1.6e+03 - 2000 - 1000 - 0 10 °,0 *'*0 **b**.0 80 90 200

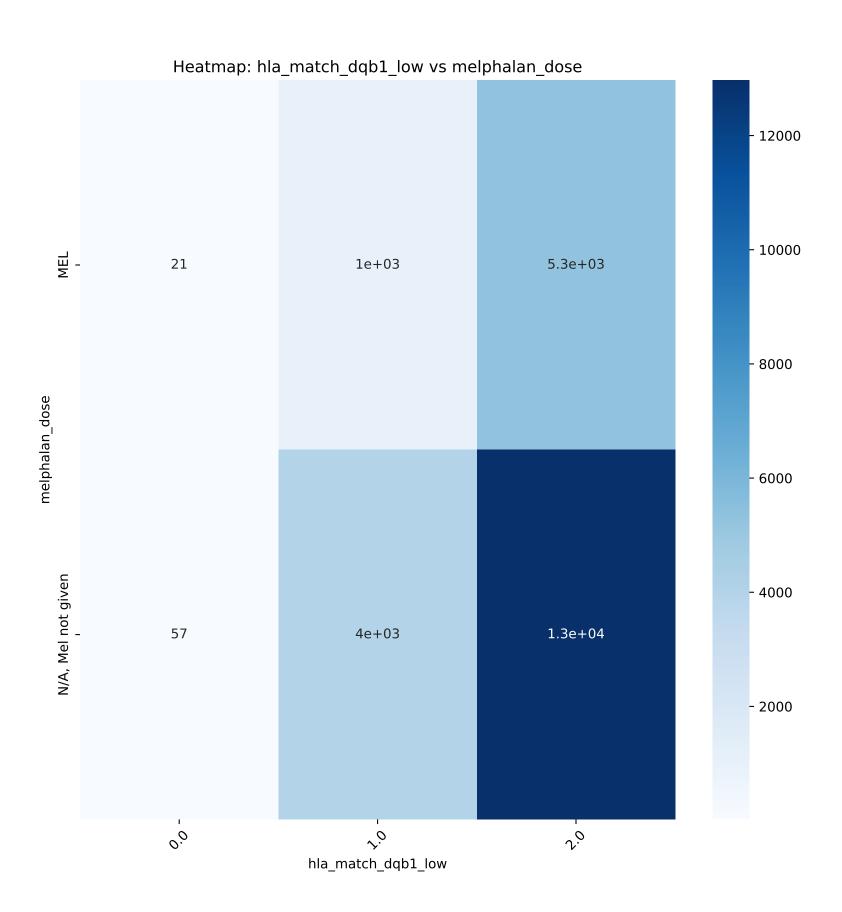
hla\_high\_res\_10

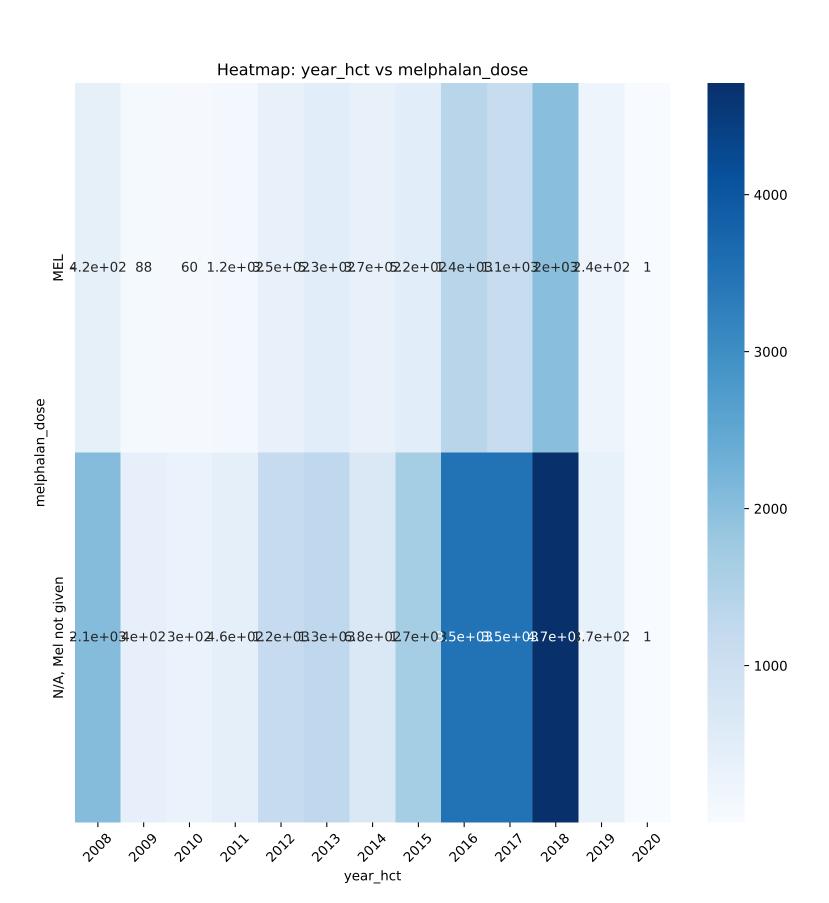


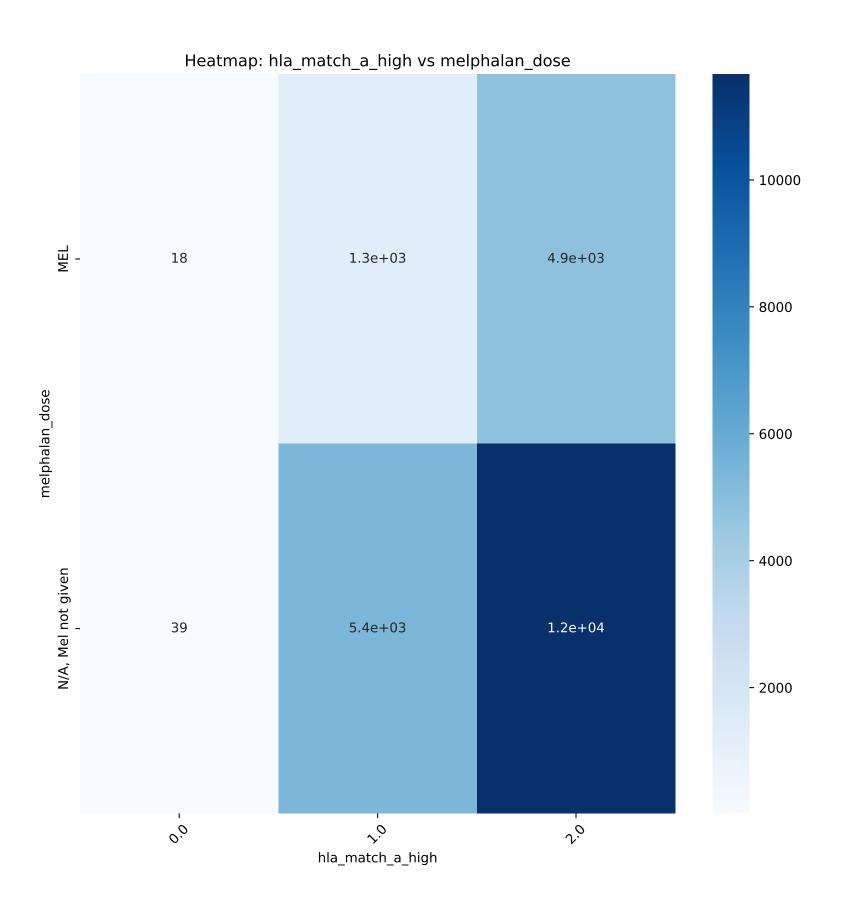




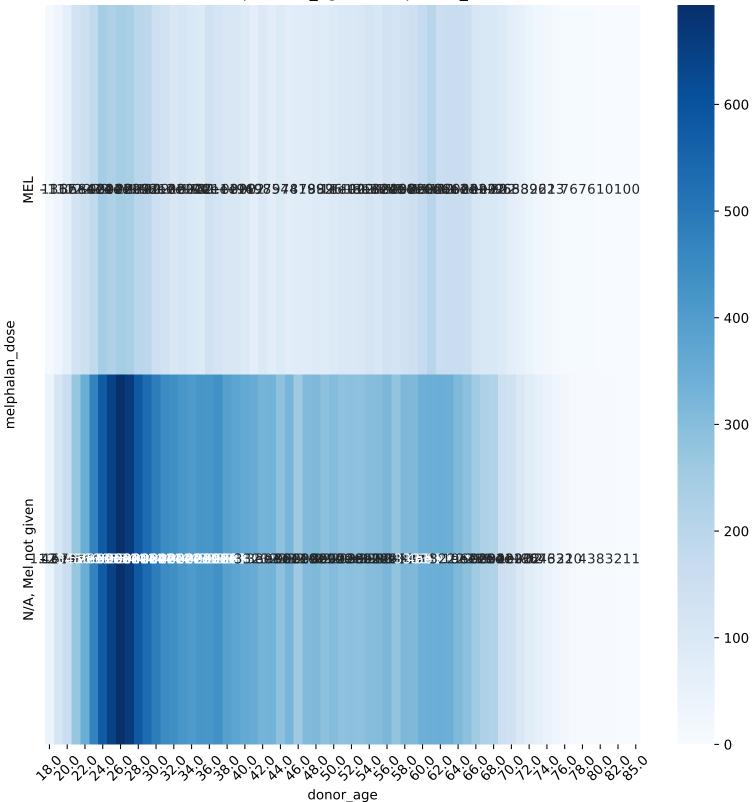


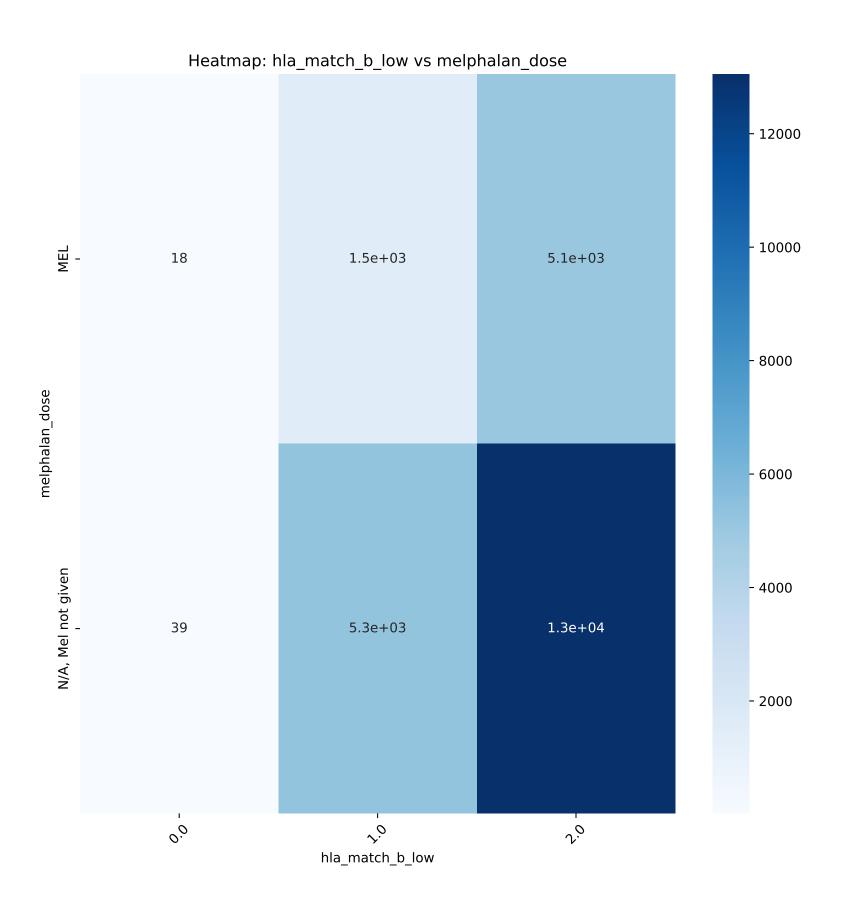




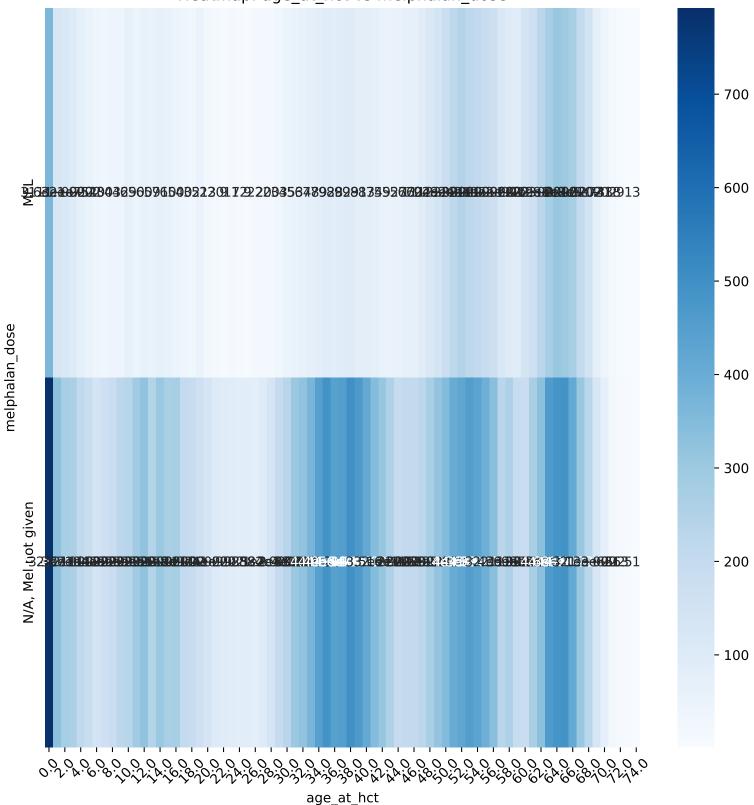


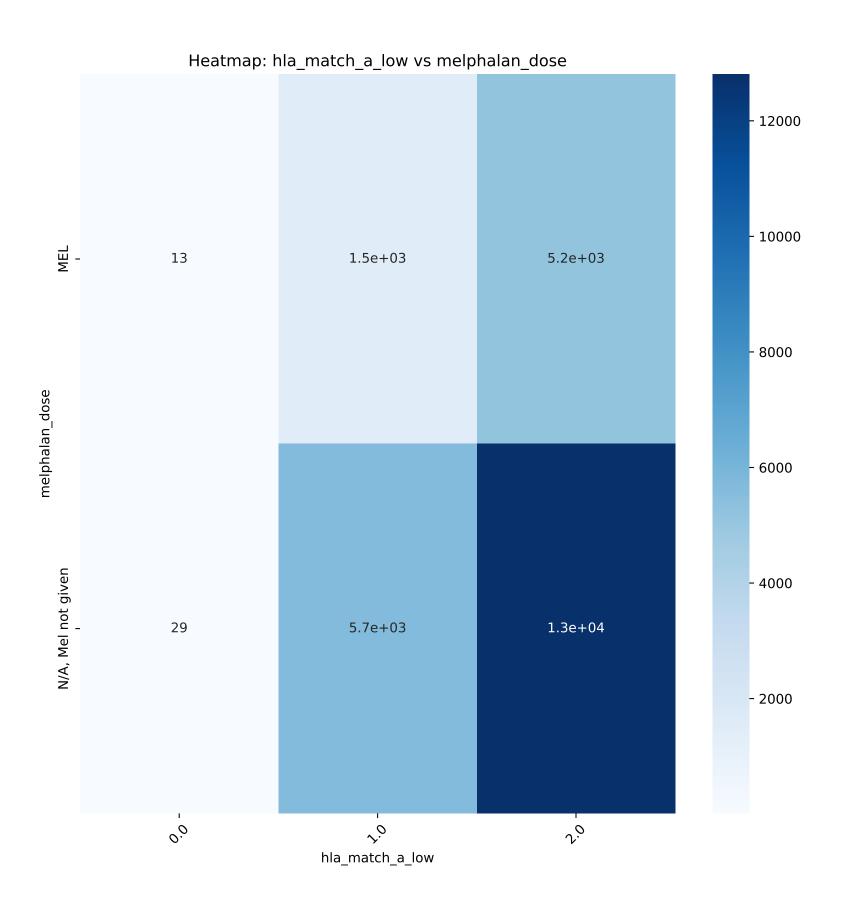


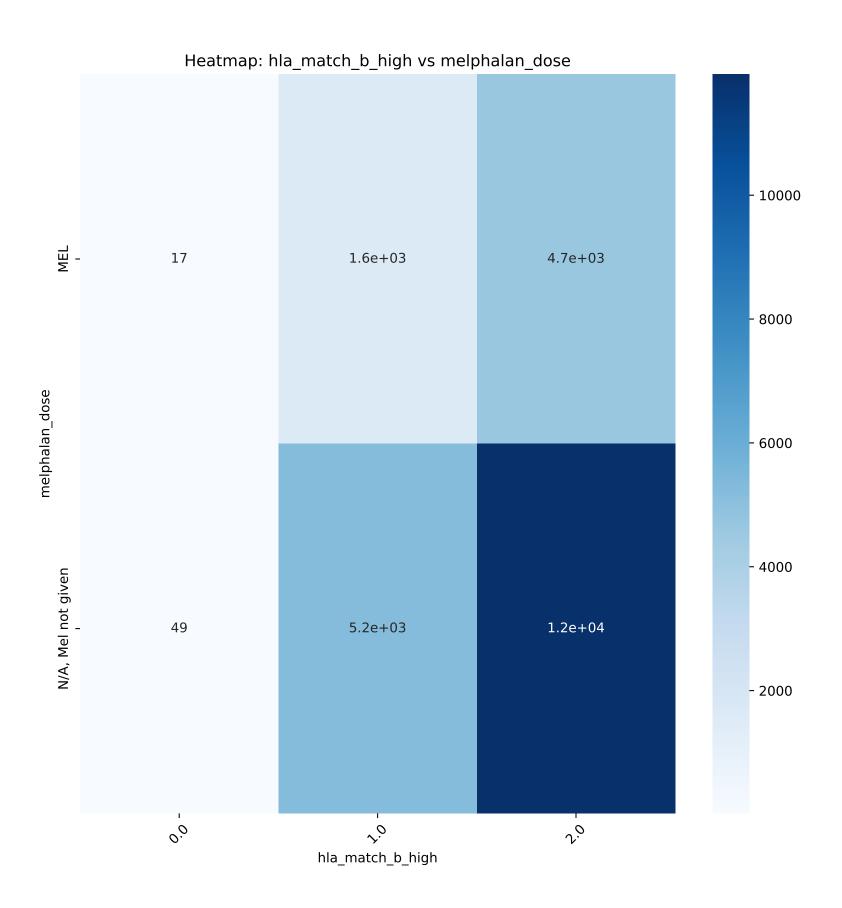


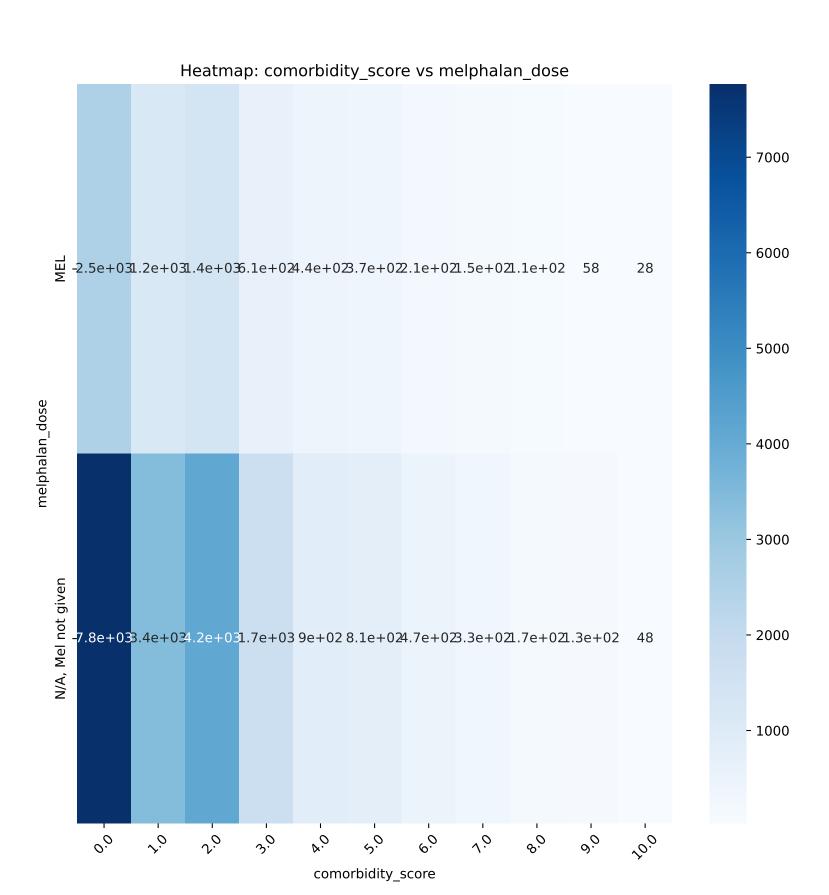


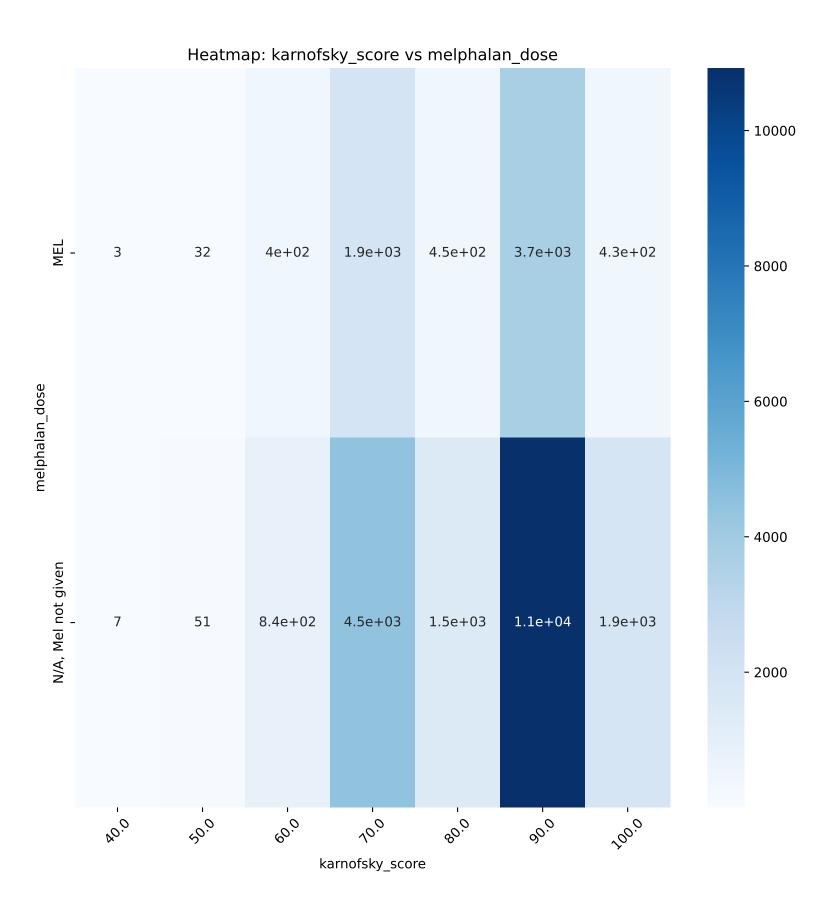
## Heatmap: age\_at\_hct vs melphalan\_dose





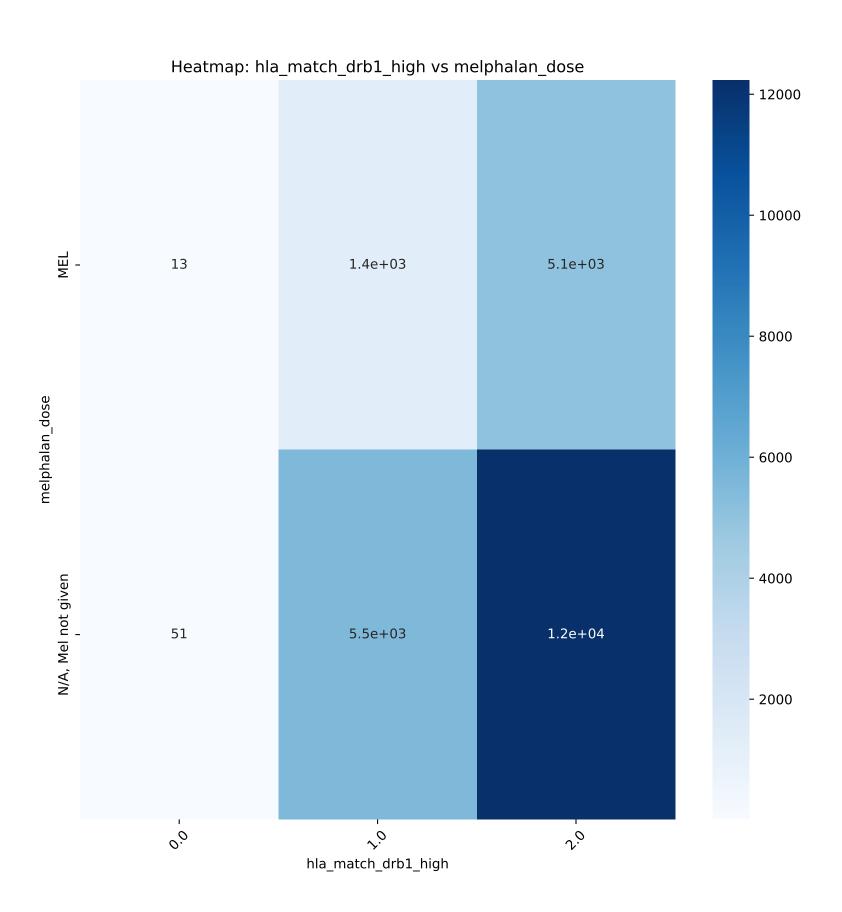


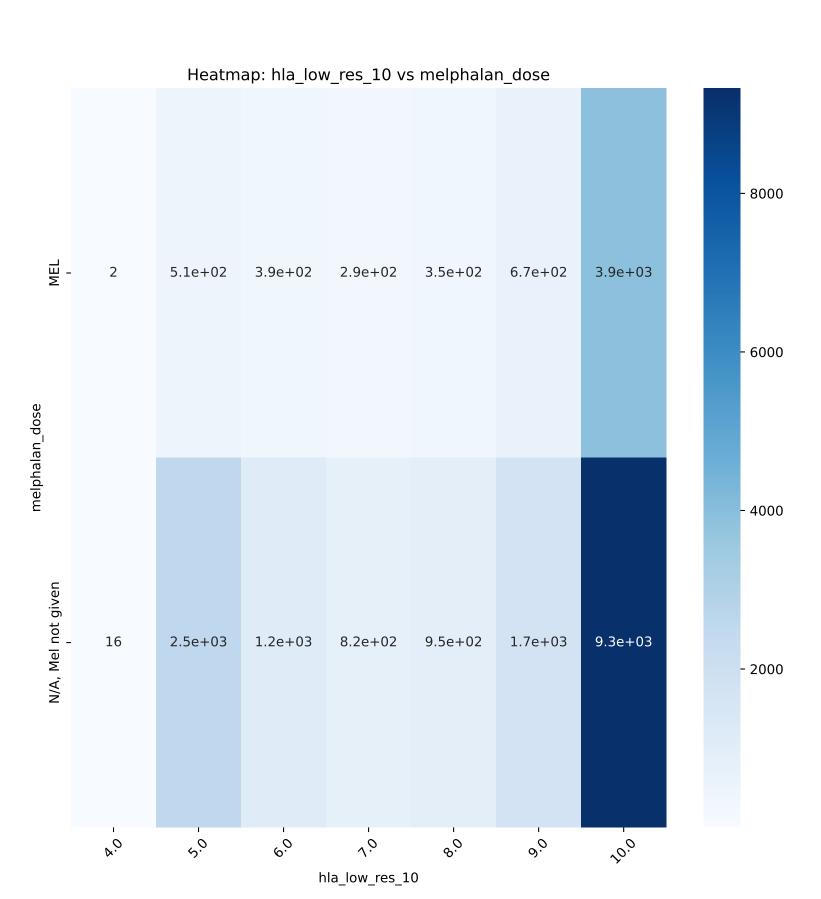


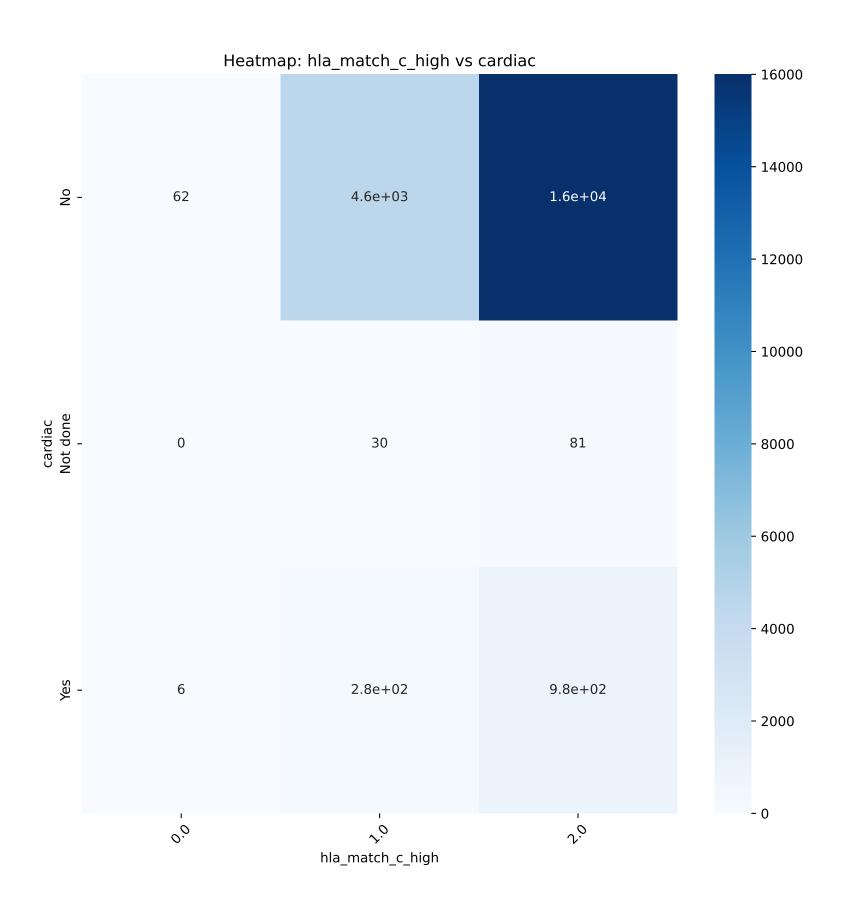


Heatmap: hla\_low\_res\_8 vs melphalan\_dose 10000 8000 MEL -0 7.4e+02 3.7e+02 3.9e+02 6.7e+02 4.2e+03 6000 melphalan\_dose - 4000 N/A, Mel not given 1 12 3.3e+03 1.1e+03 1e+04 1e+03 1.8e+03 - 2000 - 0 3.0 60 70 0,0 50 90

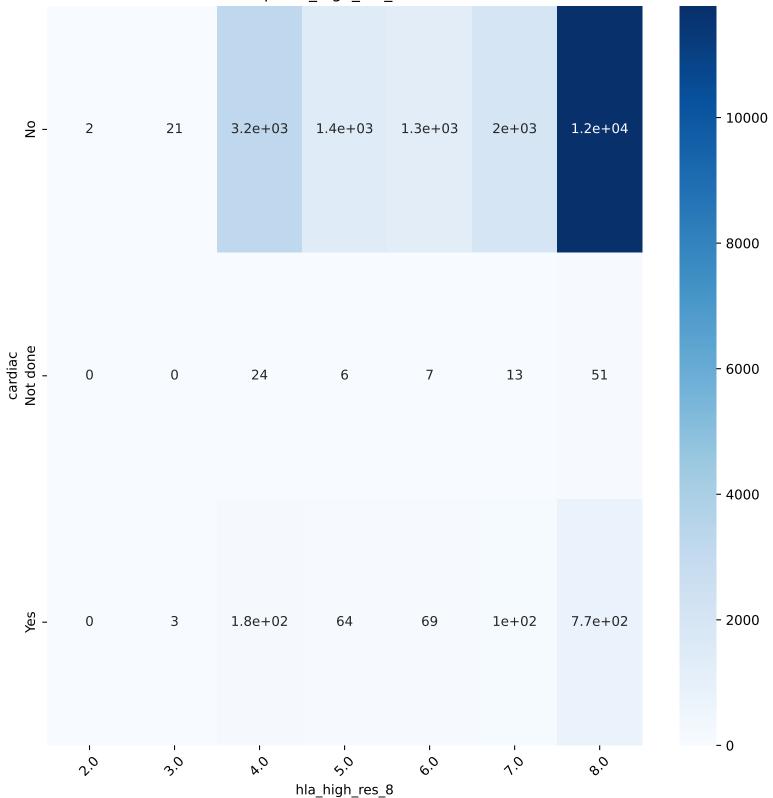
hla\_low\_res\_8





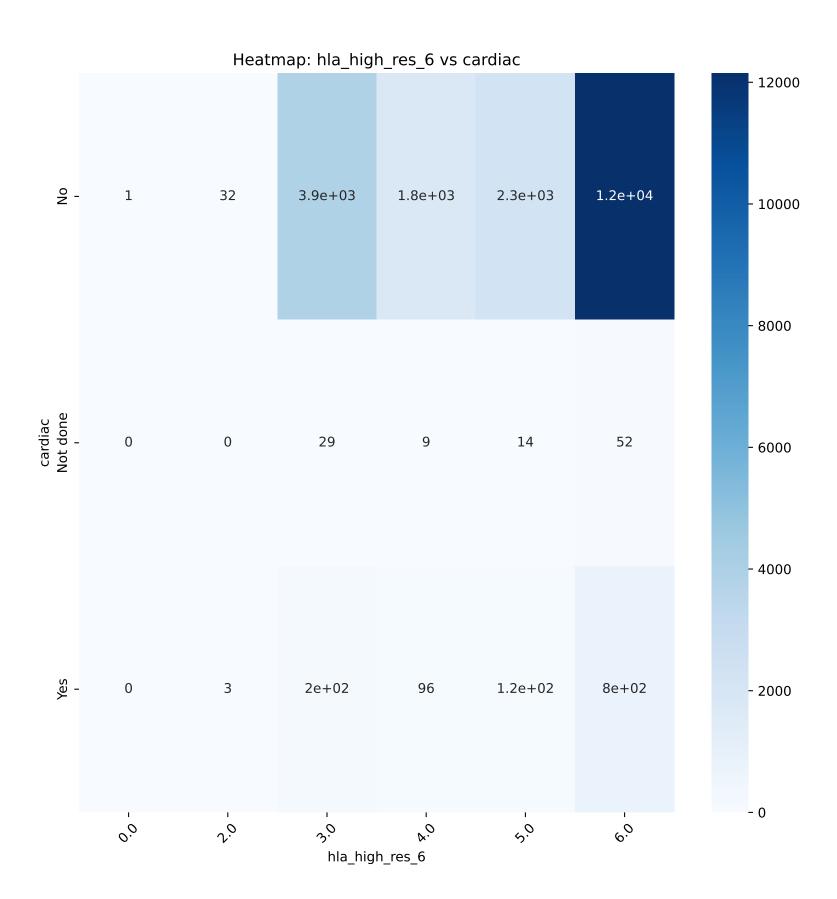


Heatmap: hla\_high\_res\_8 vs cardiac

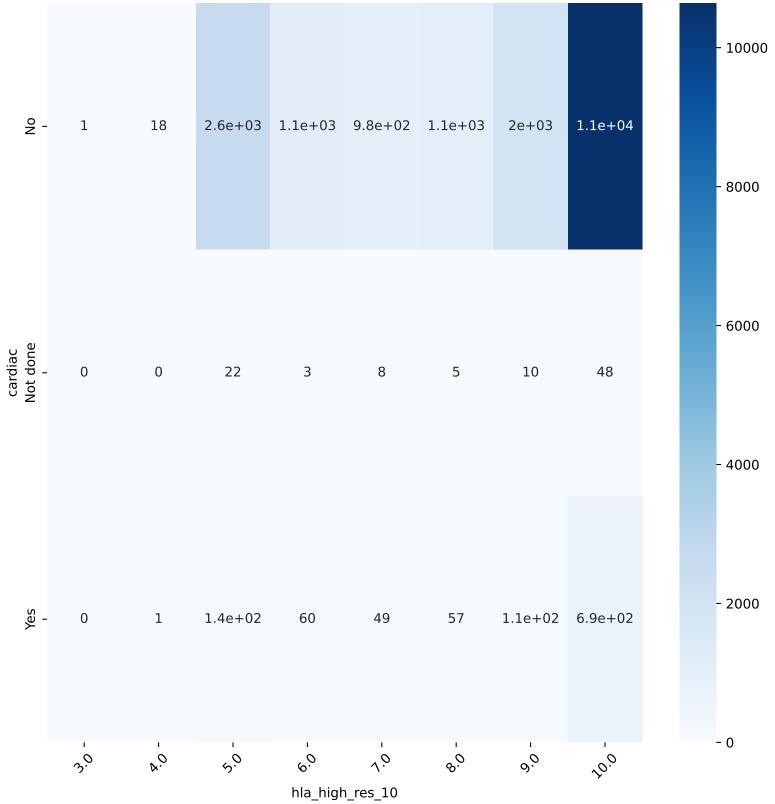


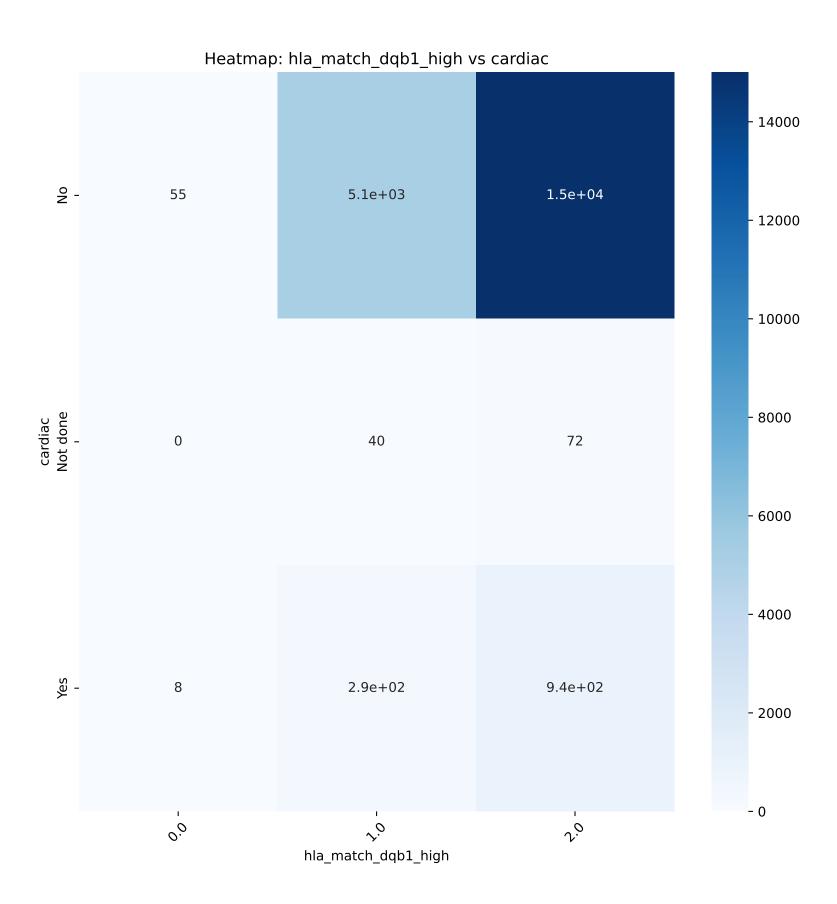
Heatmap: hla\_low\_res\_6 vs cardiac - 12000 ₽ -17 4.2e+03 1.7e+03 2.4e+03 1.4e+04 - 10000 8000 cardiac Not done 29 63 1 13 13 - 6000 - 4000 Yes -2 2.1e+02 97 1.3e+02 9e+02 - 2000 60

×.0 hla\_low\_res\_6



Heatmap: hla\_high\_res\_10 vs cardiac



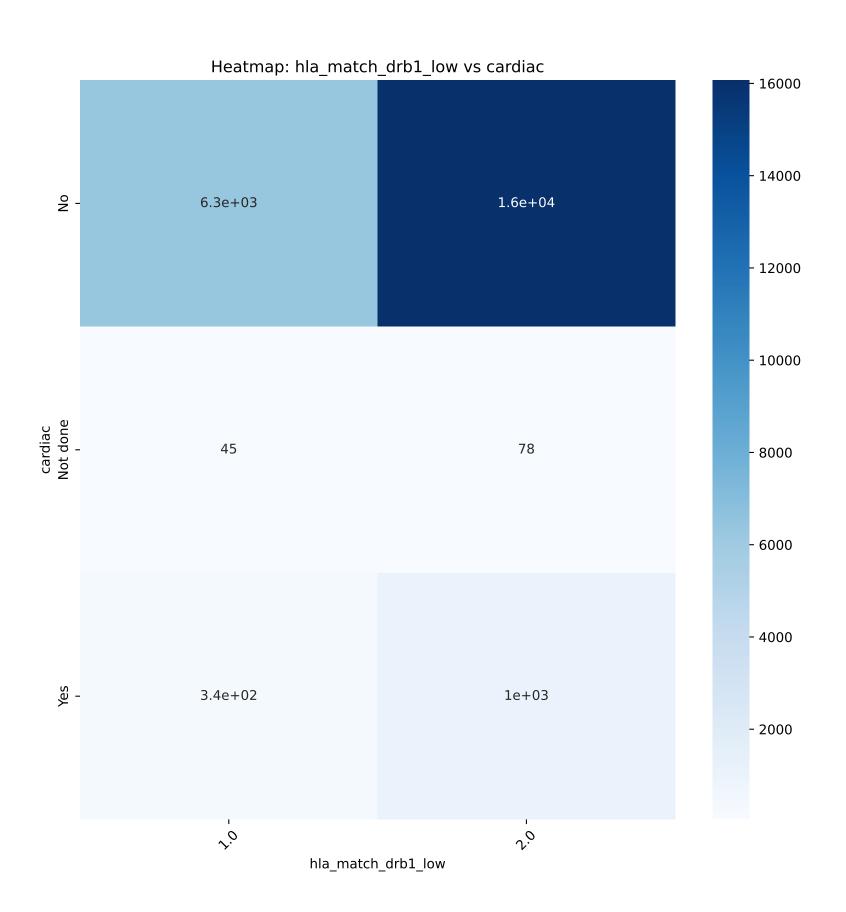


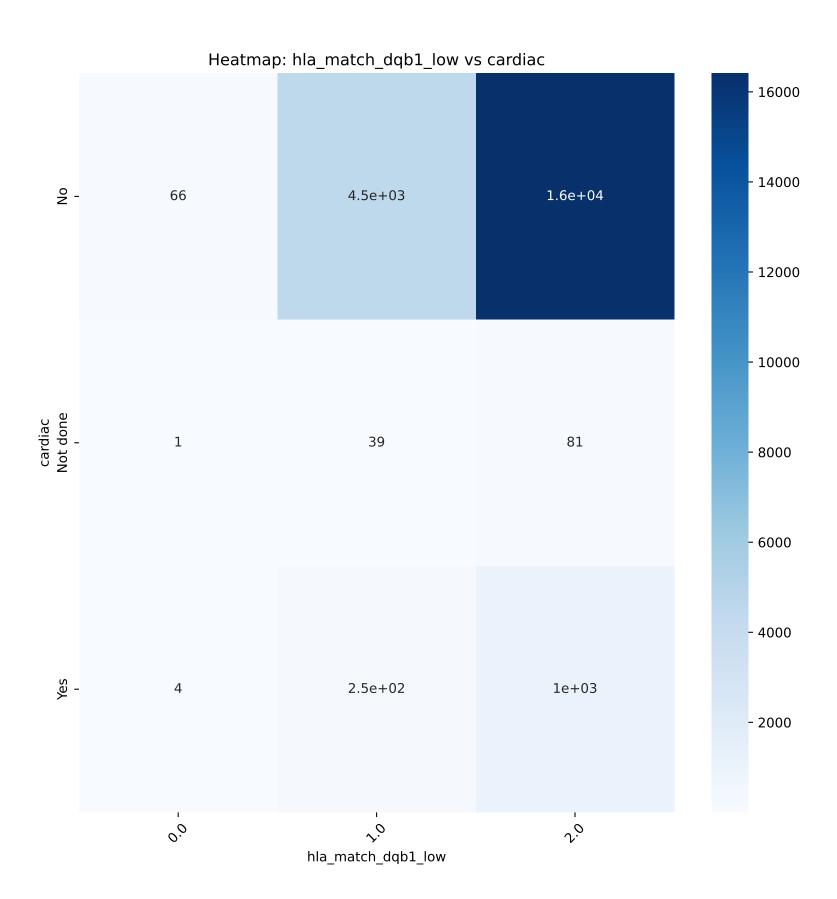
Heatmap: hla\_nmdp\_6 vs cardiac - 12000 % -28 4.1e+03 1.1e+03 2.9e+03 1.3e+04 10000 8000 cardiac Not done 27 1 8 15 56 6000 - 4000 Yes -3 2.1e+02 8.8e+02 59 1.2e+02 - 2000 Ø. 0 60

hla\_nmdp\_6

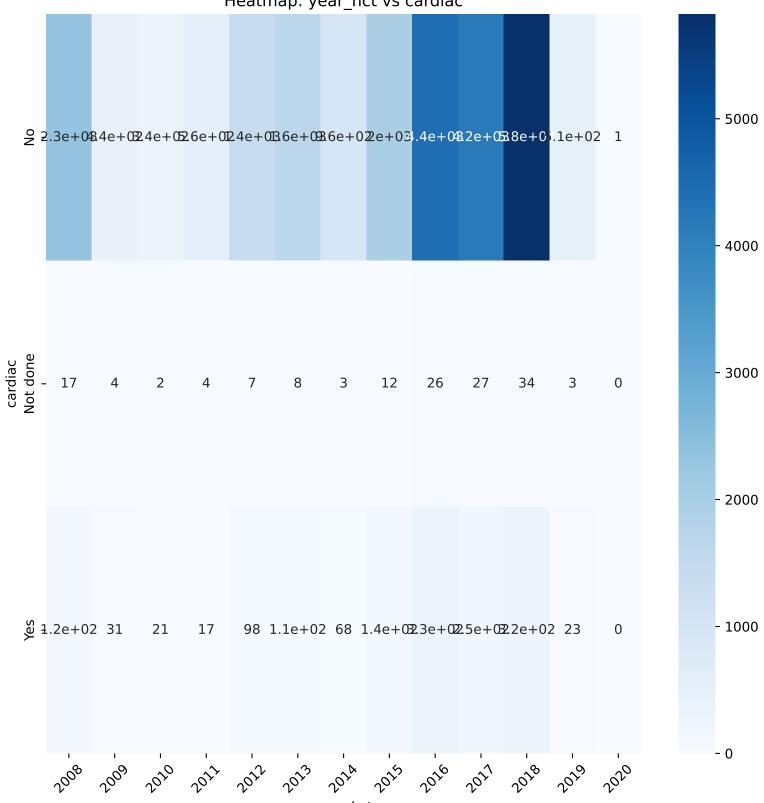
Heatmap: hla\_match\_c\_low vs cardiac - 16000 ջ -1.7e+04 50 5.1e+03 - 14000 - 12000 - 10000 cardiac Not done 1 35 91 - 8000 - 6000 - 4000 Yes -10 3e+02 1.1e+03 - 2000 ₹. | |

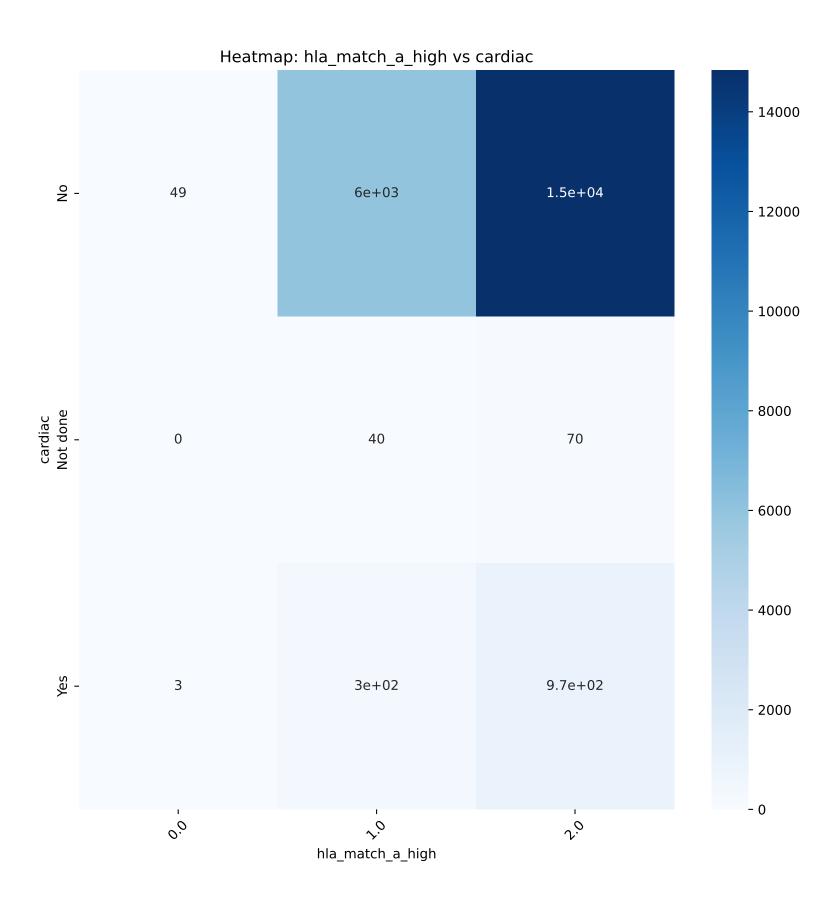
hla\_match\_c\_low

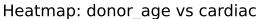


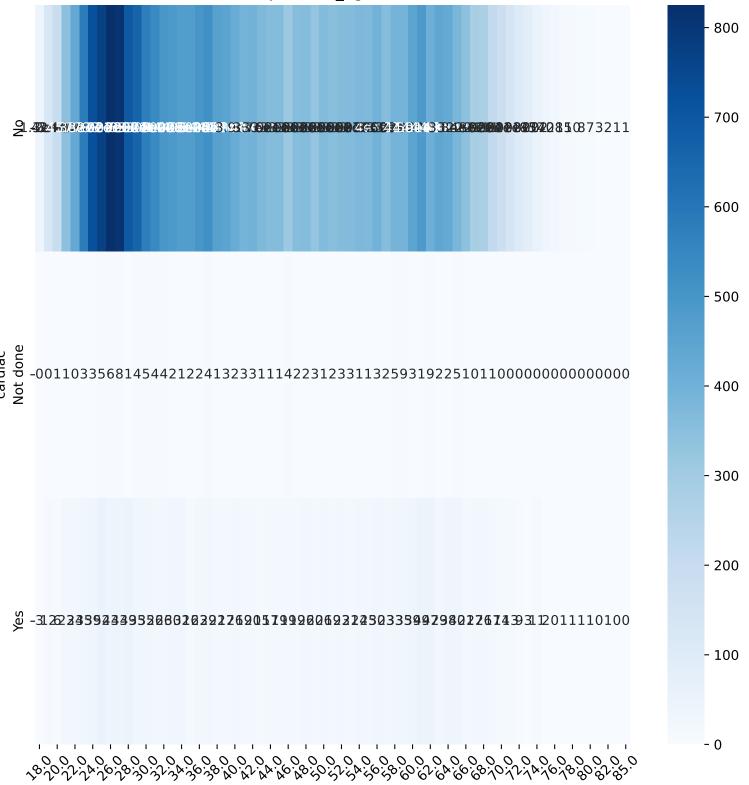






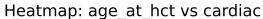


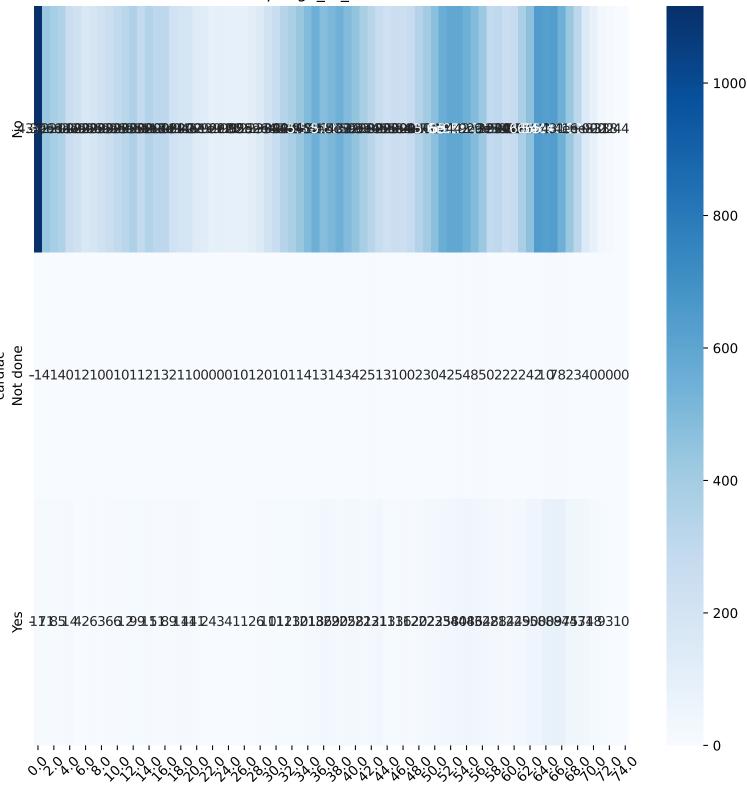


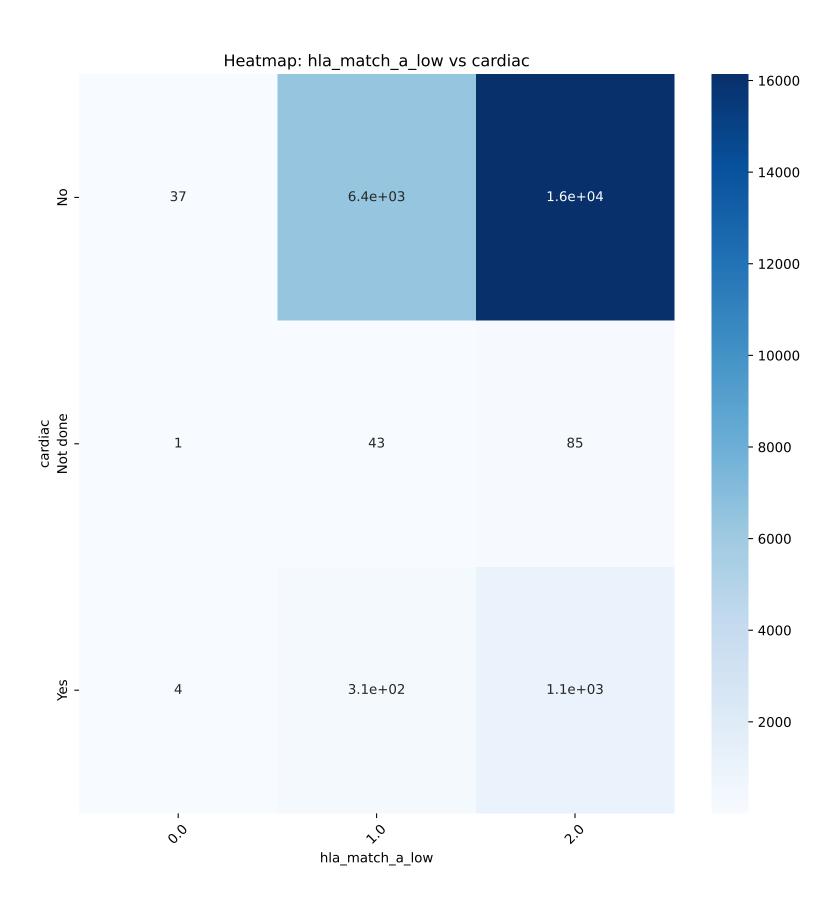


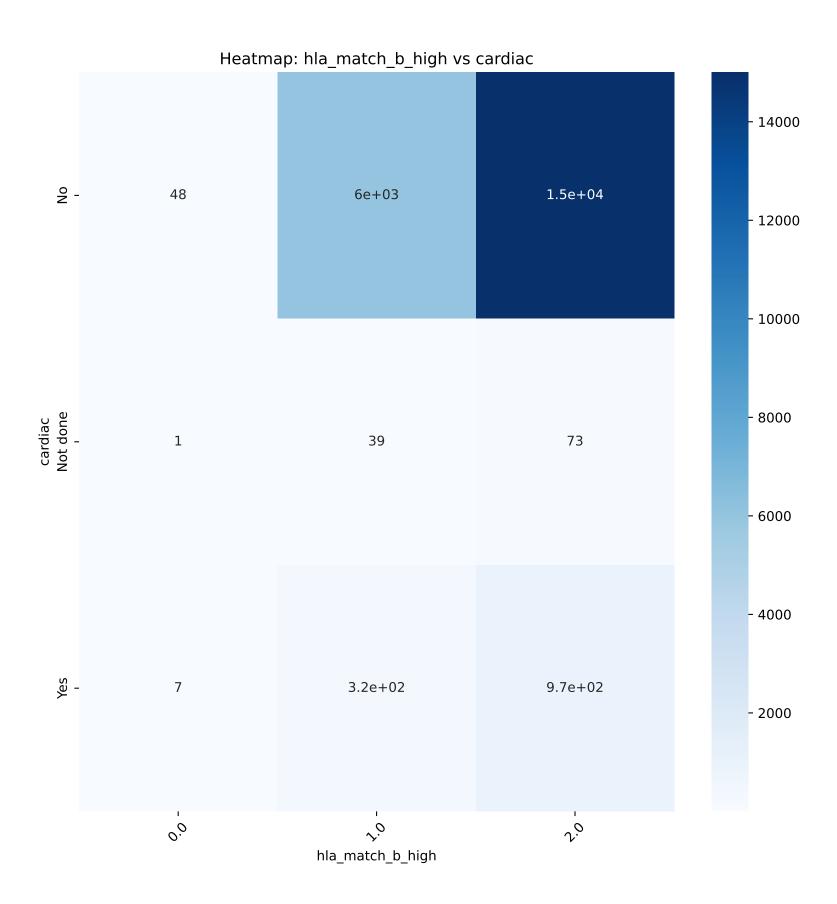
donor\_age

Heatmap: hla\_match\_b\_low vs cardiac 16000 - 14000 ₽ -50 6e+03 1.6e+04 - 12000 - 10000 cardiac Not done 3 43 79 - 8000 - 6000 - 4000 Yes -2 3.4e+02 1e+03 - 2000 *>*.0 hla\_match\_b\_low

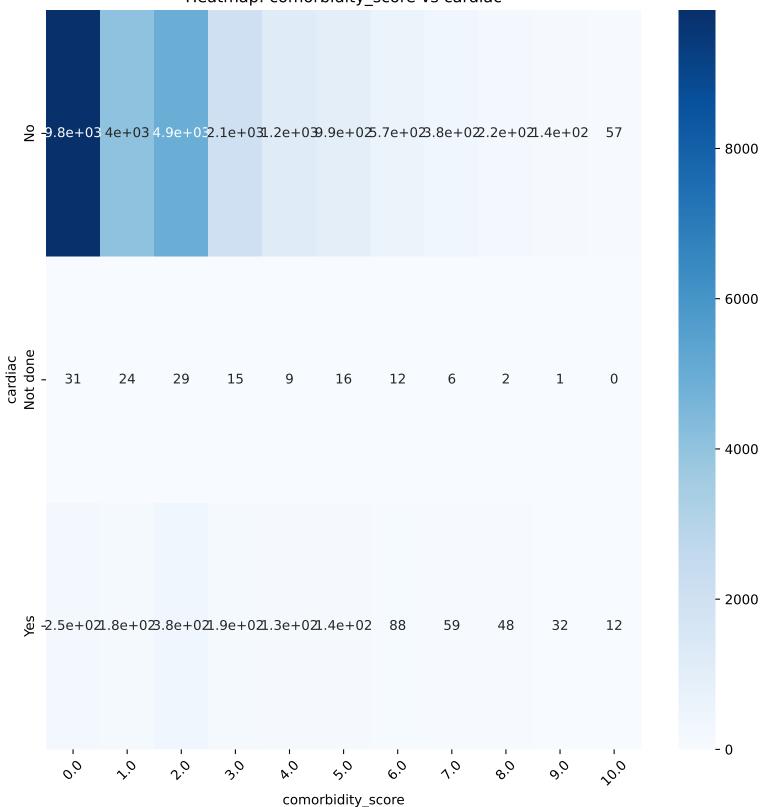






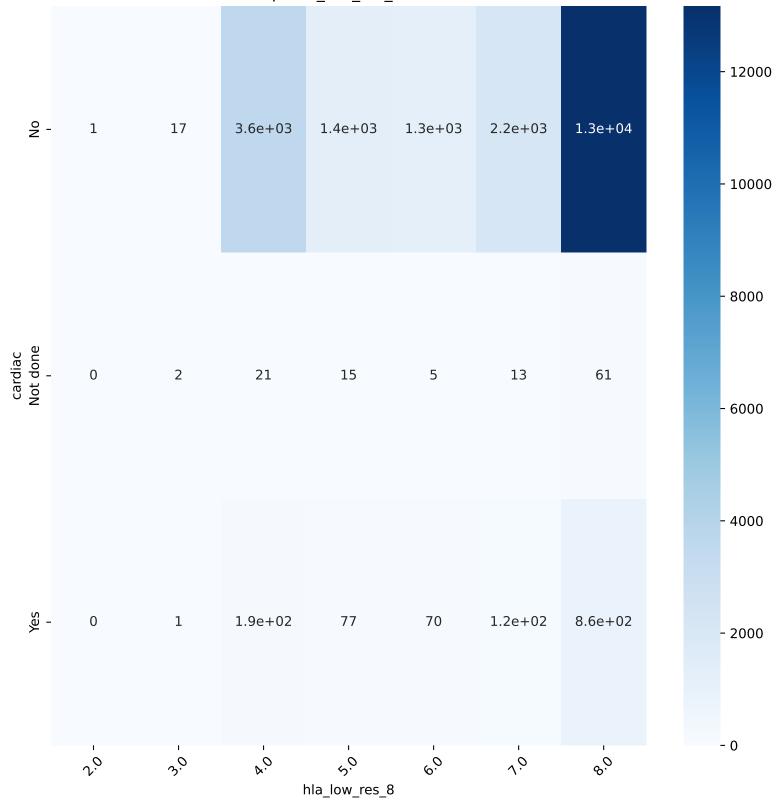


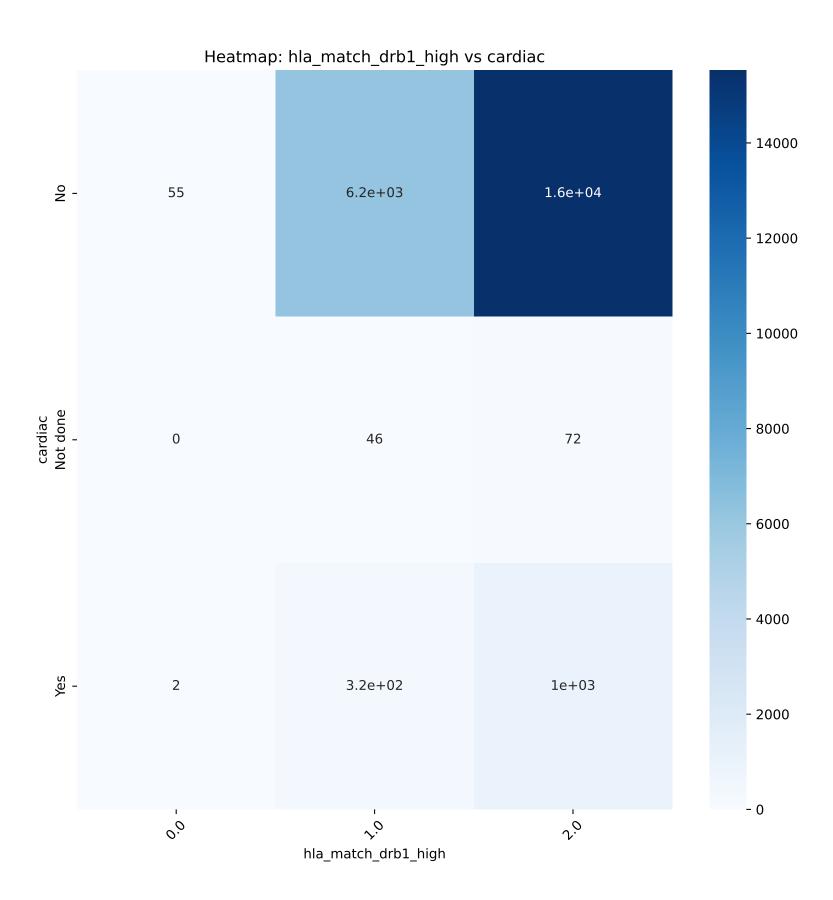




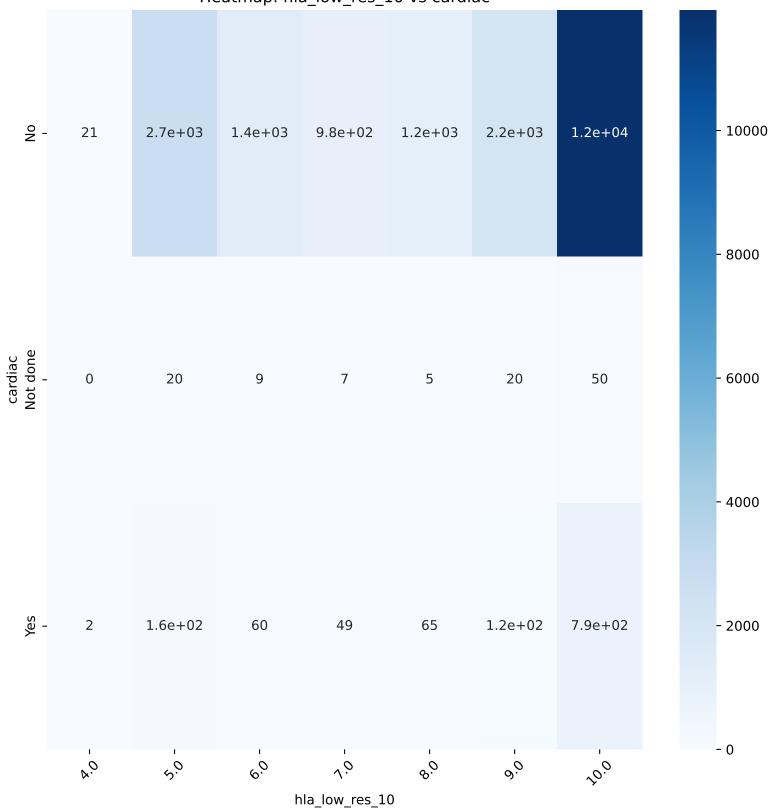
Heatmap: karnofsky\_score vs cardiac - 12000 ဍိ -1.1e+03 9 77 5.6e+03 1.7e+03 1.3e+04 2.1e+03 - 10000 8000 cardiac Not done 0 0 8 39 7 73 11 6000 - 4000 Yes -6 0 98 4.4e+02 1.4e+02 7.2e+02 73 - 2000 - 0 100 karnofsky\_score

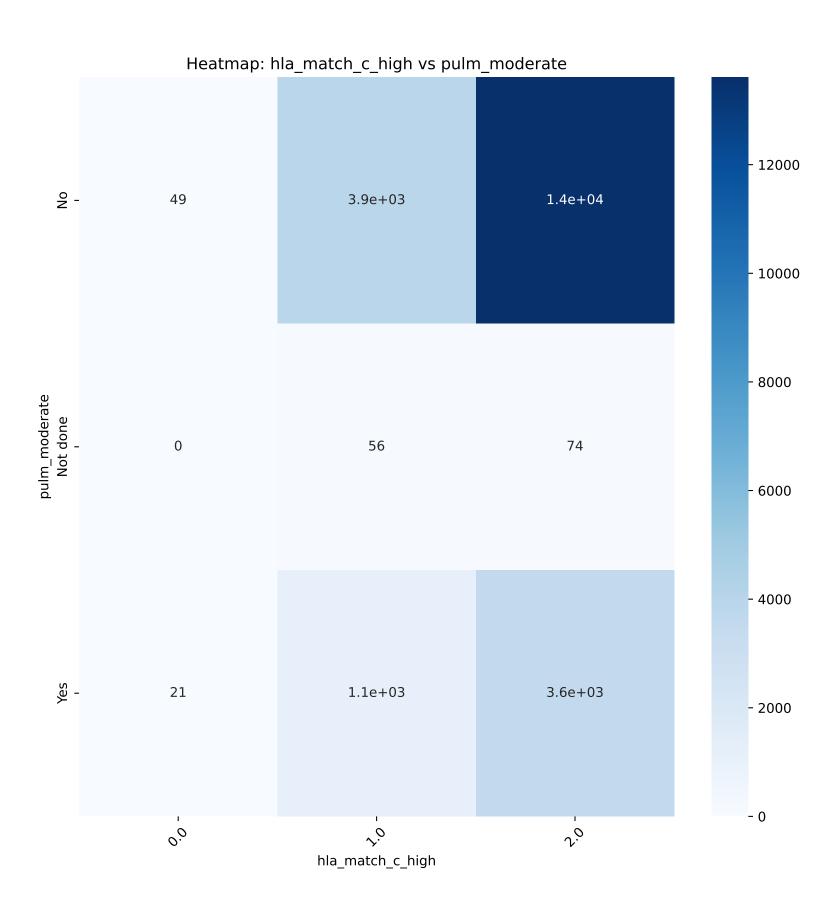
Heatmap: hla\_low\_res\_8 vs cardiac

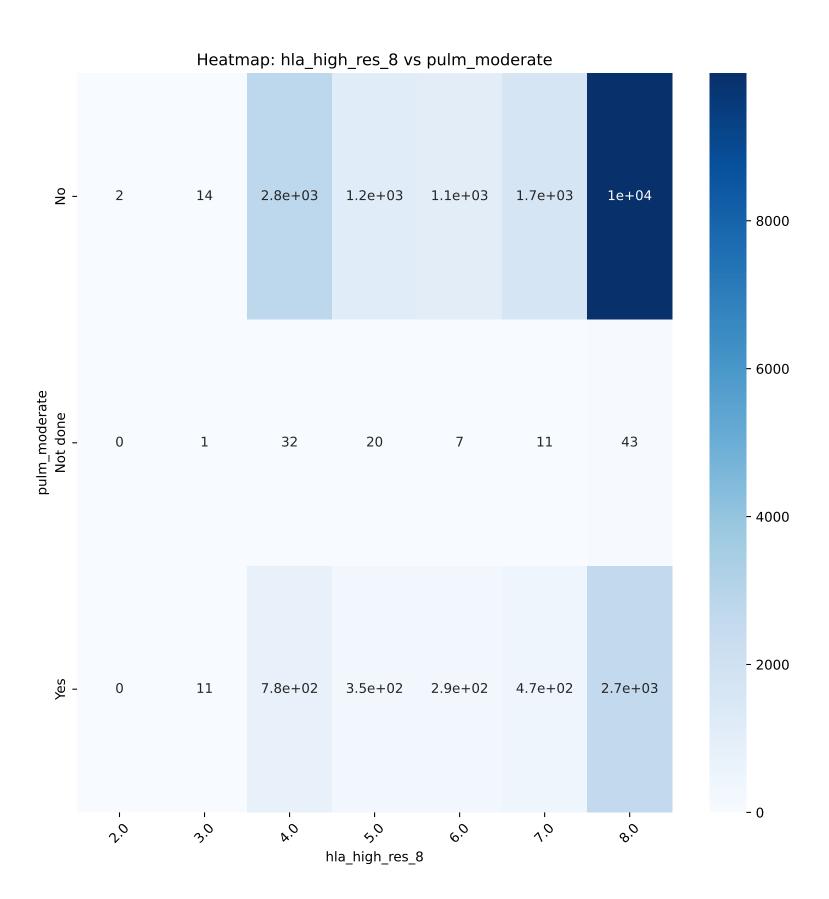


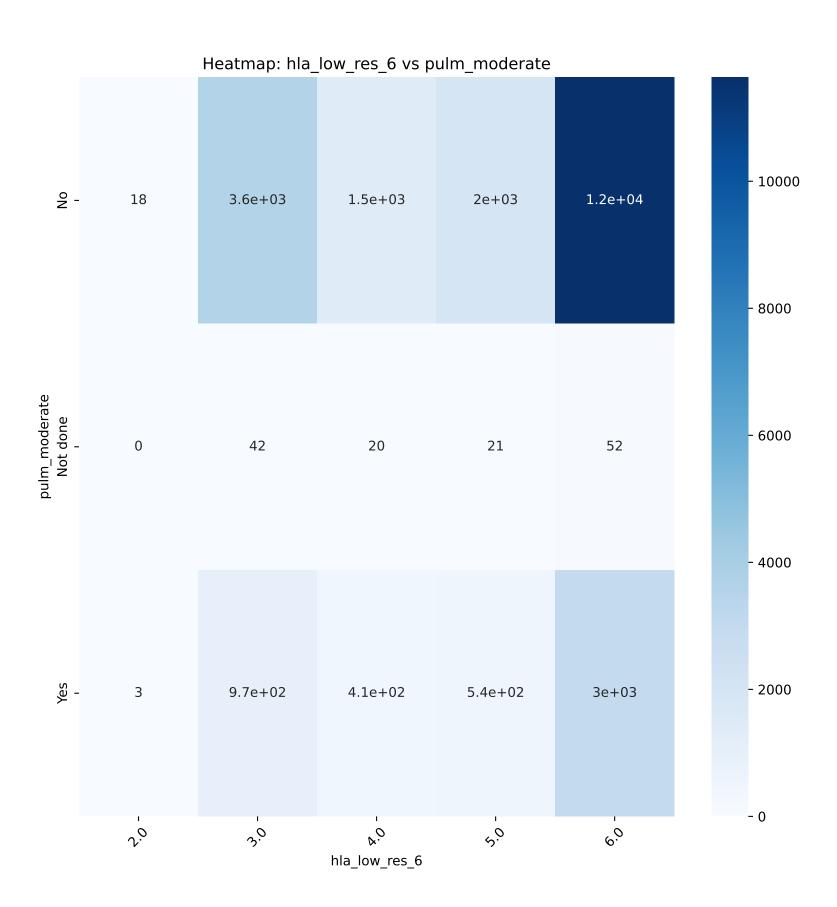


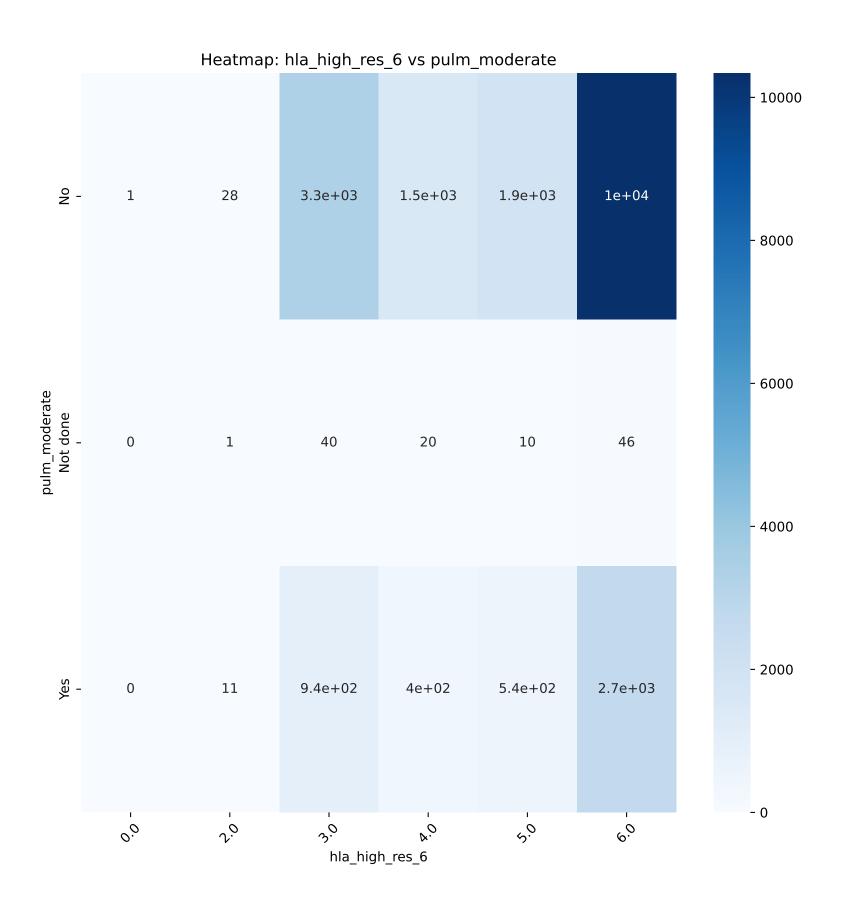
Heatmap: hla\_low\_res\_10 vs cardiac



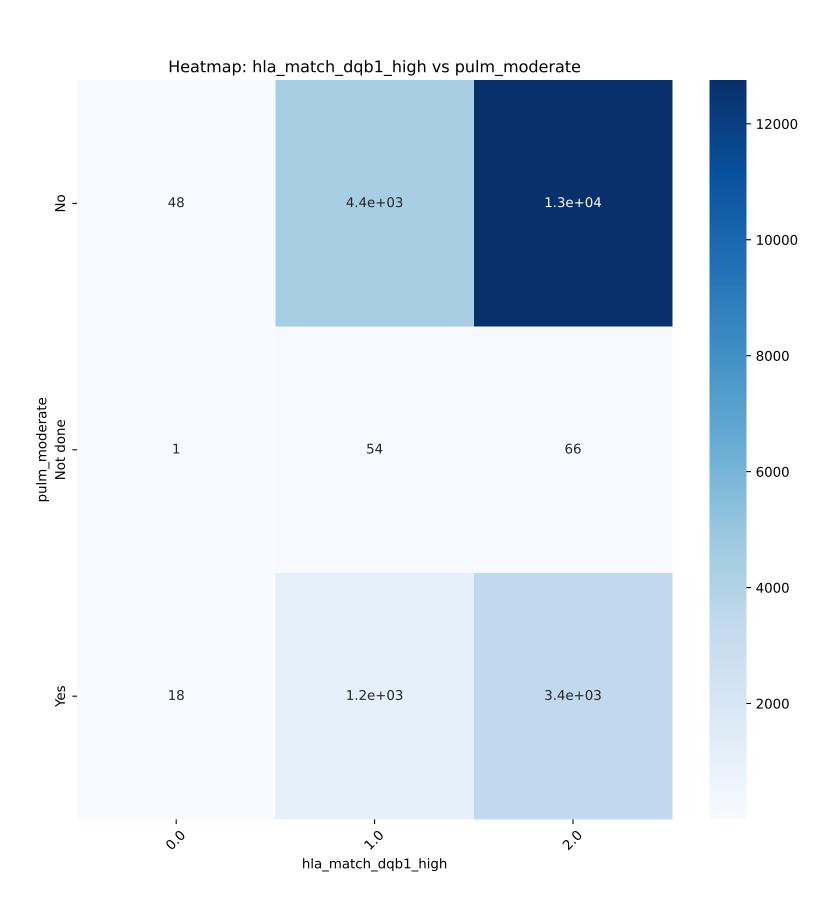


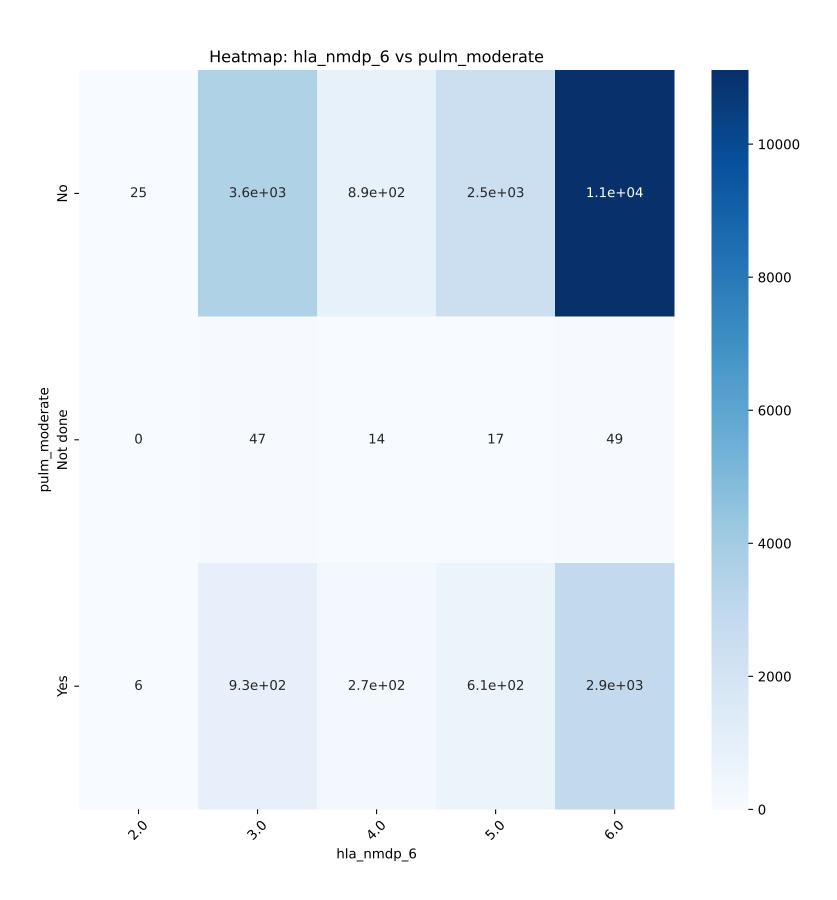


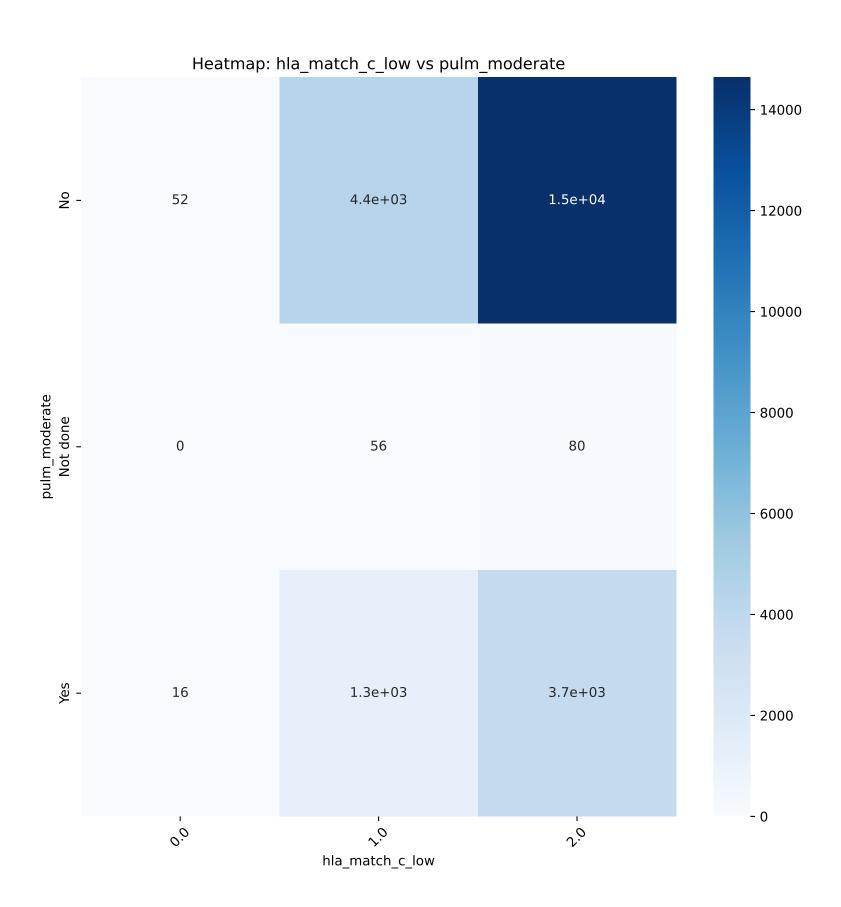


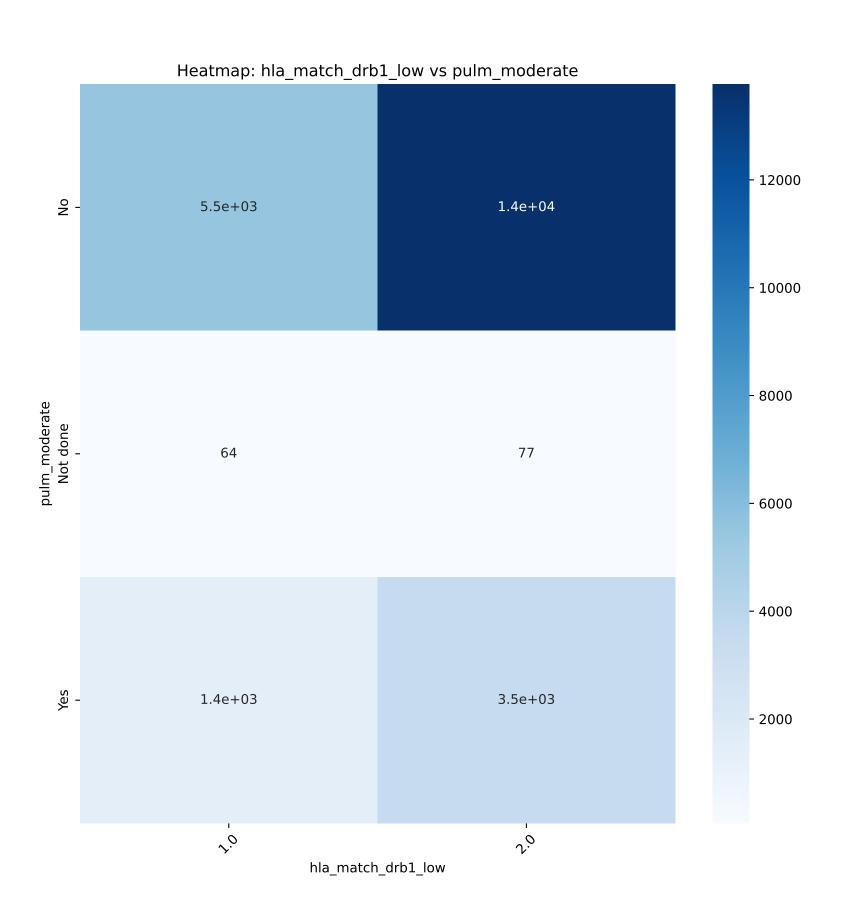


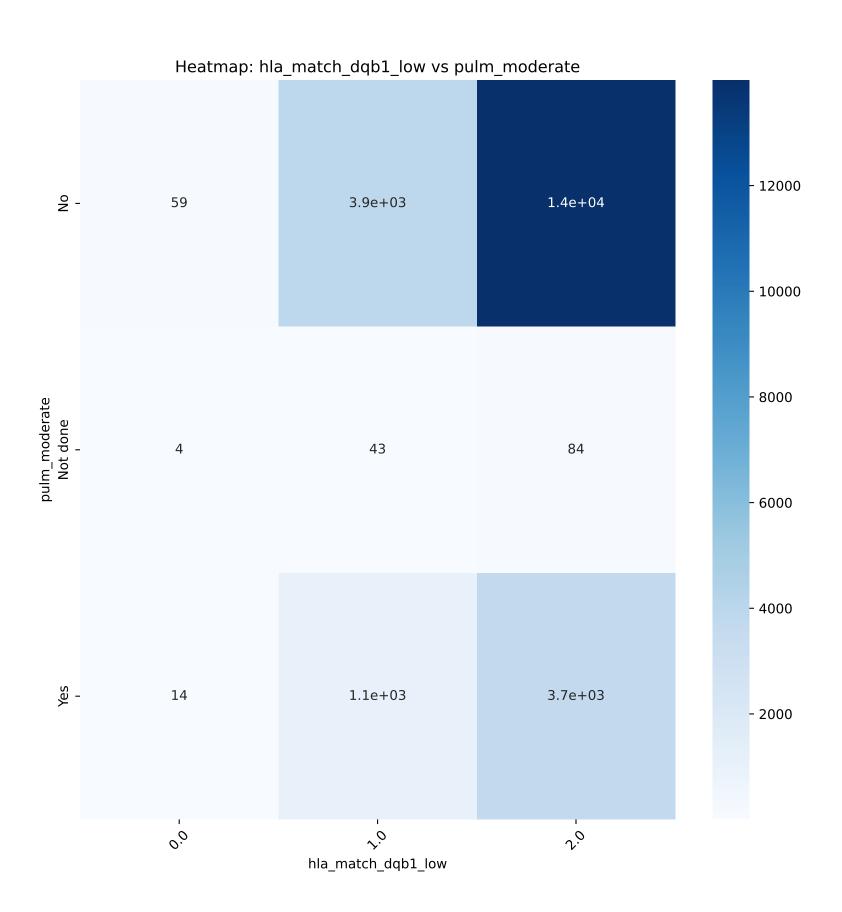
Heatmap: hla\_high\_res\_10 vs pulm\_moderate - 8000 ₽ -1 8 2.3e+03 9.6e+02 8.4e+02 9.3e+02 1.7e+03 9e+03 - 7000 6000 pulm\_moderate Not done - 5000 30 9 15 5 0 14 32 - 4000 - 3000 - 2000 Yes -13 6.5e+02 2.9e+02 2.4e+02 2.6e+02 4.8e+02 2.5e+03 - 1000 - 0 °. \$. 0 10 90 200 hla\_high\_res\_10

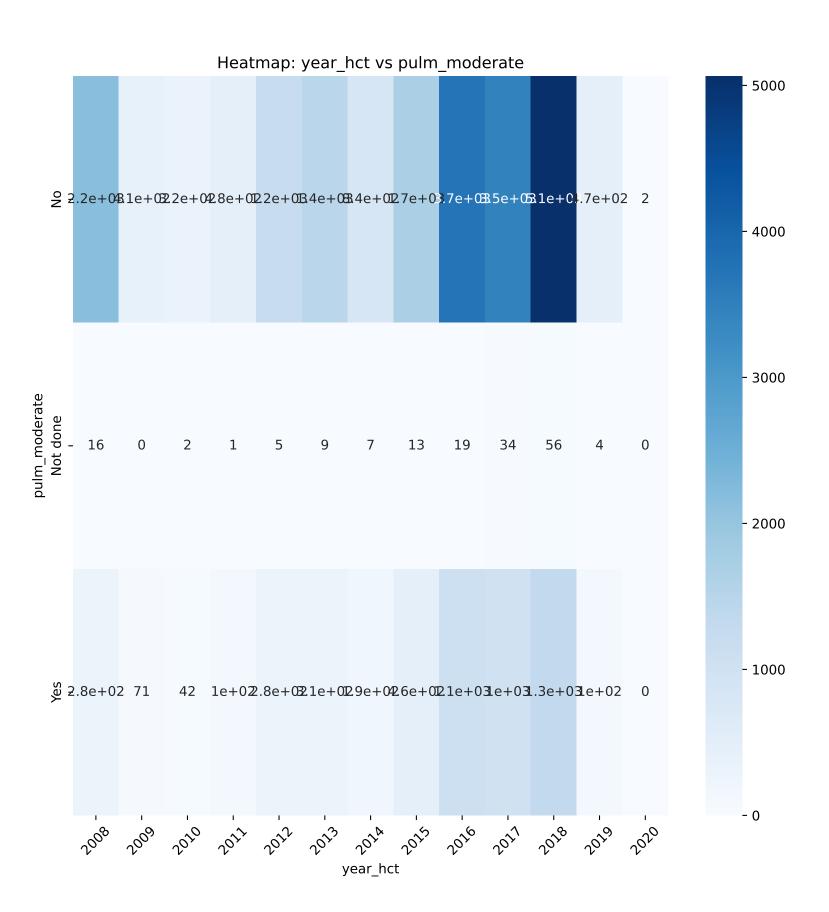


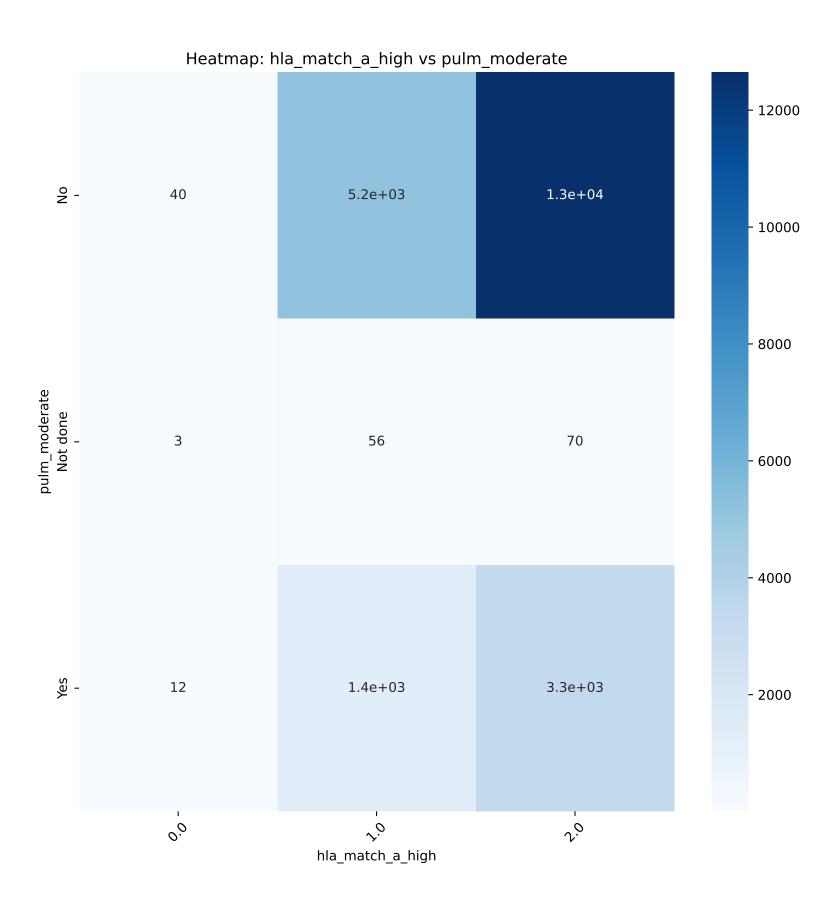




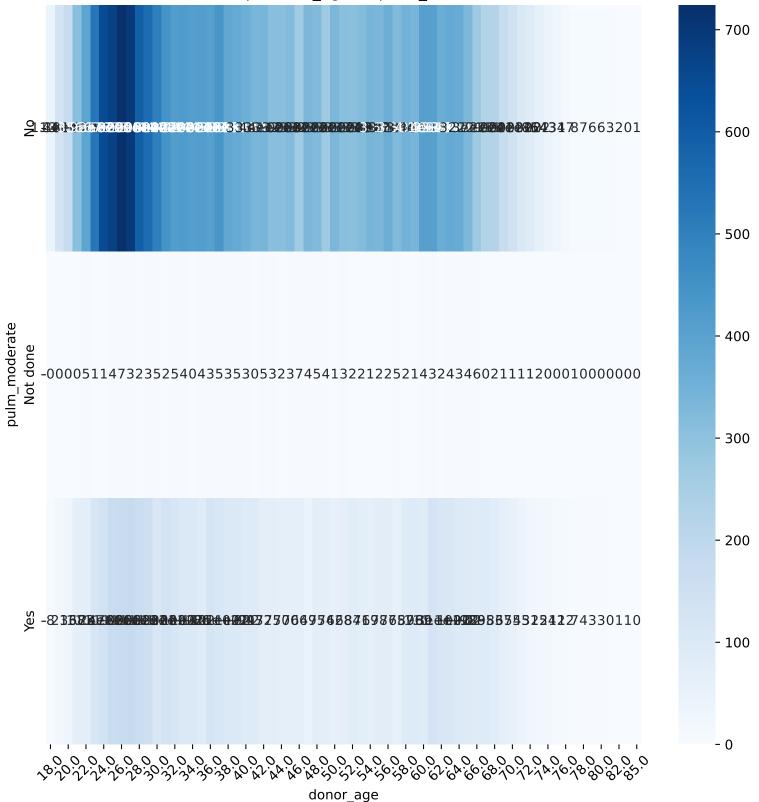


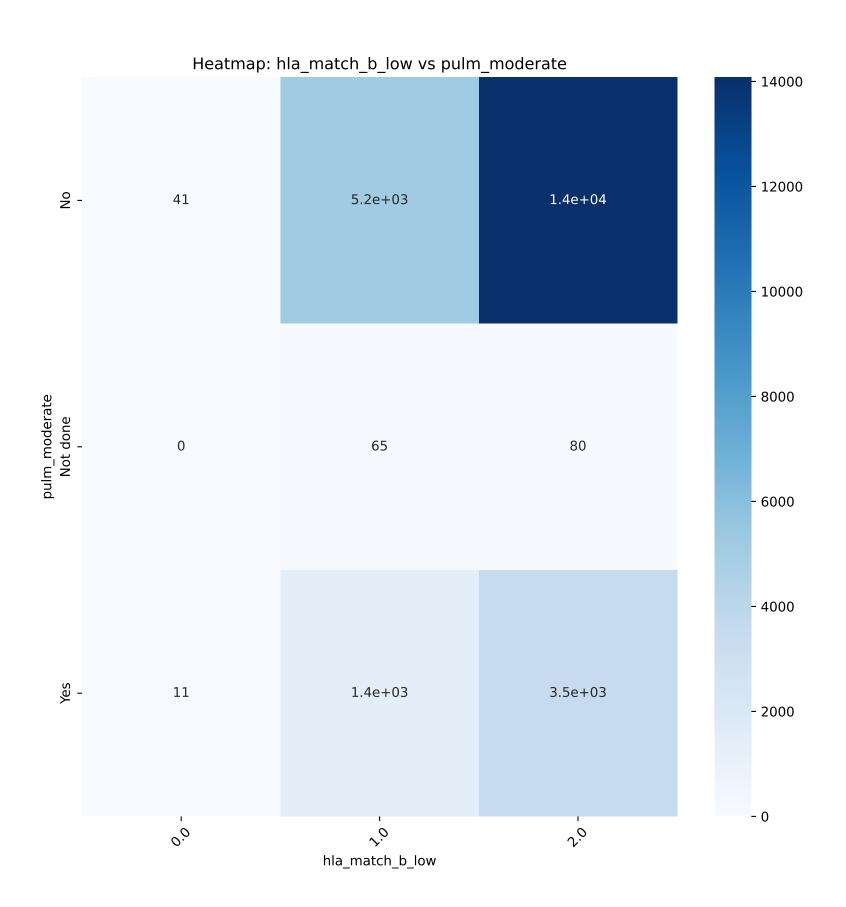


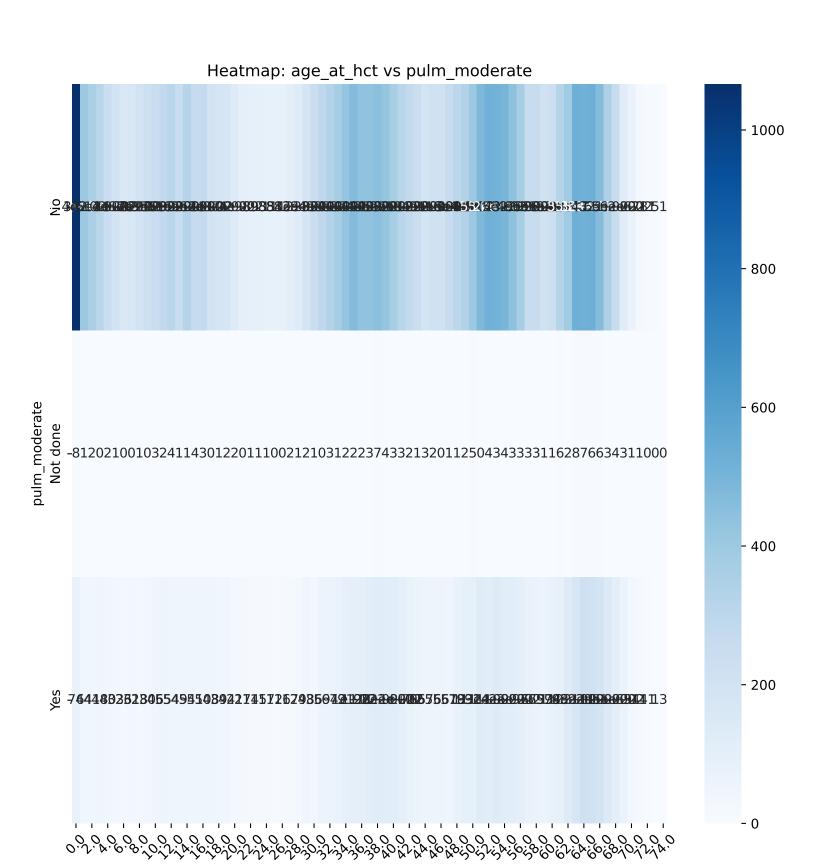


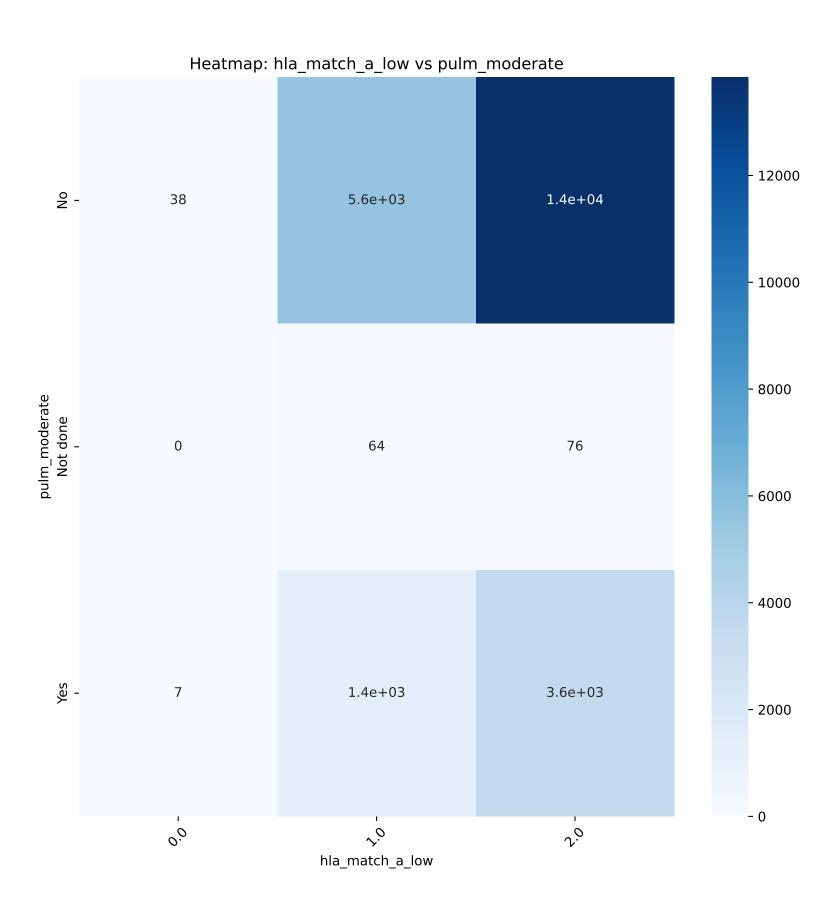


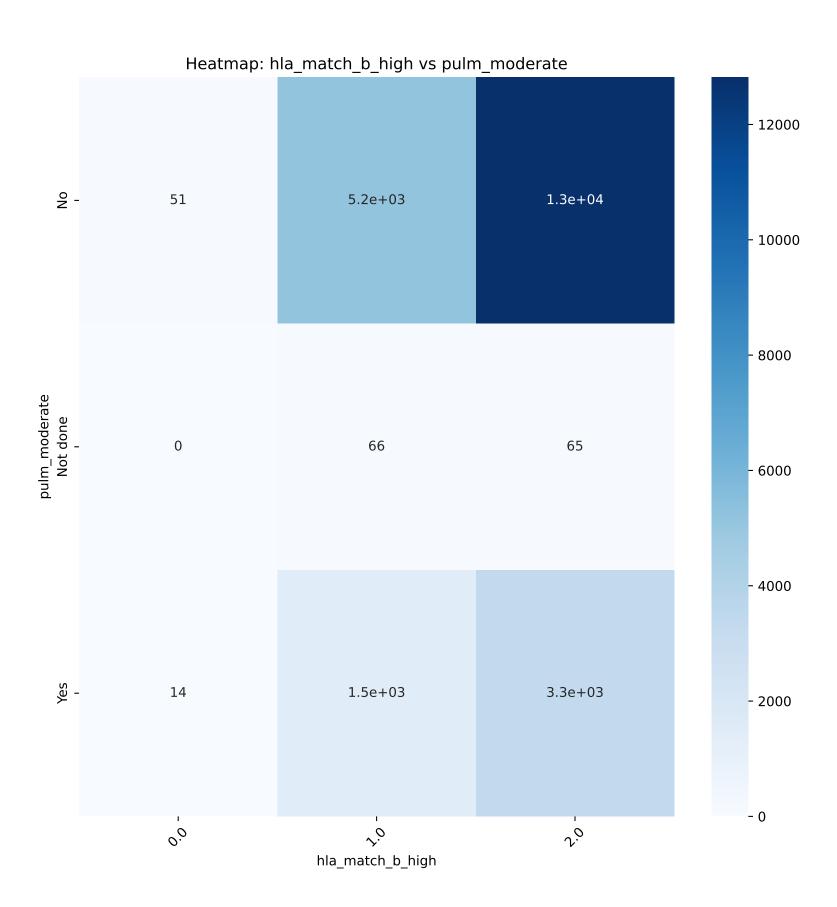


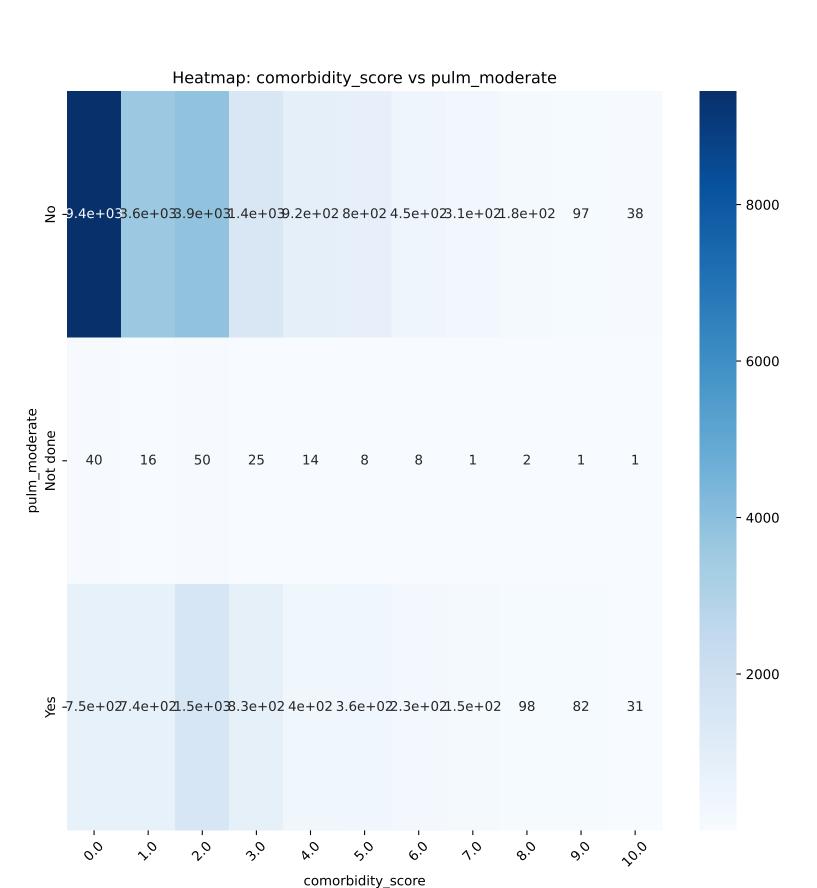


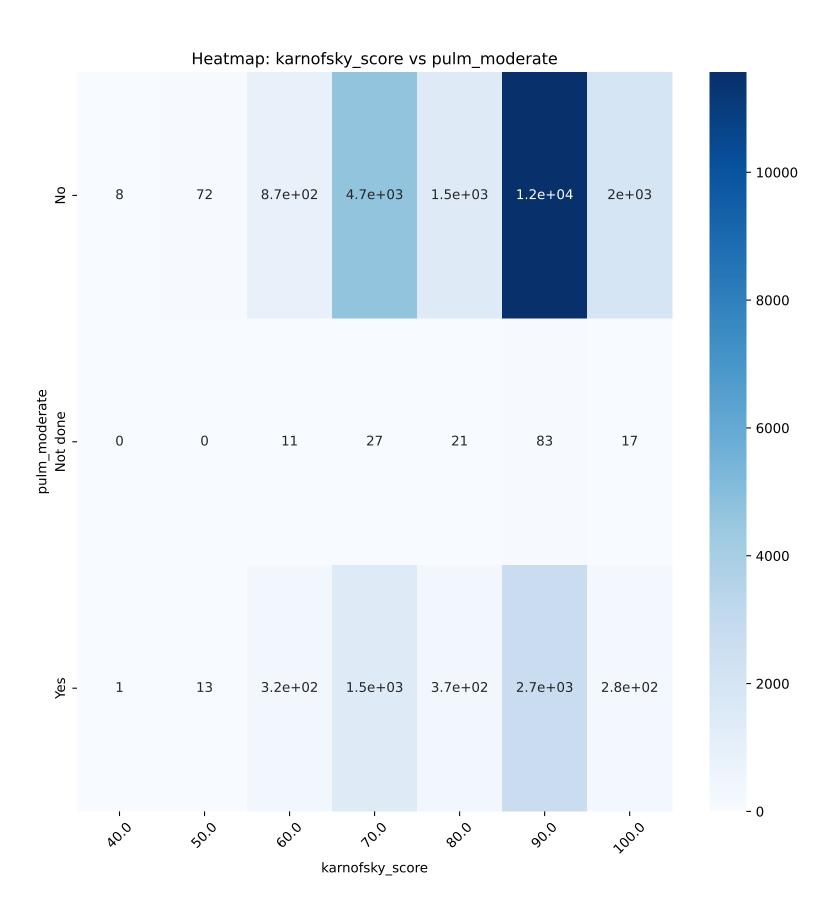












Heatmap: hla\_low\_res\_8 vs pulm\_moderate - 10000 ဍိ -3.1e+03 1 21 1.2e+03 1.1e+03 1.9e+03 1.1e+04 8000 pulm\_moderate Not done 6000 0 0 37 13 20 13 48 - 4000 - 2000 Yes -1 8.5e+02 3.4e+02 2.8e+02 2.9e+03 5e+02 - 0 Þ. 0 50 60 10 ®.0 hla\_low\_res\_8

