

Appendix\_J\_breakdown\_function\_scores – TKI

RULE/EVAL ->		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15_evaluation	DATABASE					curated_database_event_evaluation	HYPOTHESIS_000_0005
DRUG	target_inhibit	cardiotoxicity_assay	cardiotox_pathway_CTD	cardiotox_pathway_PharmGKB	cardiotox_disease	literature (pubmed)	clinical_trial	predicted_side_effect	side_effect	herg_inhibition	apoptosis	literature_mesh	cardiotox_phen	gene_disease_asso_cation	dd	Overall Cardiotox rule score (p0_proposition_evaluation)	cardiotox_effect	cardiotox_target	clinical_observation	neg_OffTarget_evid_score	pos_OffTarget_evid_score	Overall Database rule score (p0_proposition_evaluation)	Overall hyque score (ht_evaluation)
Dasatinib	1	0	0	0	1	1	0	1	1	0	0	1	0	1	1.00	0.53	1	1	0	0	0	0.4	0.47
Erlotinib	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0.33	0.29	0	0	0	0	0	0	0.14
Gefitinib	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0.33	0.29	0	0	0	0	0	0	0.14
Imatinib	1	0	1	0	1	1	0	1	1	0	0	1	0	1	0.67	0.58	1	1	1	0	1	0.8	0.69
Lapatinib	0	0	0	0	1	1	0	1	0	0	0	1	0	1	0.67	0.38	0	0	-1	0	0	-0.2	0.09
Nilotinib	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0.67	0.31	1	1	0	0	0	0.4	0.36
Sorafenib	1	0	1	0	1	1	0	1	1	0	0	1	0	1	0.33	0.56	1	1	0	0	0	0.4	0.48
Sunitinib	1	0	1	0	1	0	0	1	1	0	0	0	0	1	0.66	0.44	1	1	1	-1	1	0.6	0.52
TOTAL out of 8		4	0	3	0	8	4	0	8	7	0	0	4	0									
with a hit																(OVERALL SCORE)							
																(DDI)							
																AVERAGE	0.58						
																MEDIAN	0.66						

Appendix\_J\_breakdown\_function\_scores – Non-TKI cardiotoxic

RULE/EVAL ->		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	DATABASE					Overall Database	
DRUG	target_inhibit	cardiotoxicity_assay	cardiotox_pathway_CTD	cardiotox_pathway_PharmGKB	cardiotox_disease	literature (pubmed)	clinical_trial	predicted_side_effect	side_effect	hepg_inhibition	apoptosis	literature_mesh	cardiotox_phen	gene_disease_association	ddl	Overall Cardiotox rule score (p0_proposition_evaluation)	cardiotox_effect	cardiotox_target	clinical_observation	hepg_OffTarget_evidence	pos_OffTarget_evidence	Overall Database rule score (p0_proposition_evaluation)	Overall hyque score (h1_evaluation)
Doxorubicin	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0.33	0.36	0	0	0	0	0	0	0.18
Epirubicin	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0.33	0.22	0	0	0	0	0	0	0.11
Ergolamine	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0.00	0.20	0	0	0	0	0	0	0.10
Fluorouracil	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0.33	0.29	0	0	0	0	0	0	0.14
Idarubicin	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0.33	0.16	0	0	0	0	0	0	0.08
Mitoxantrone	0	1	0	0	1	0	0	1	1	1	0	0	0	1	0.33	0.42	0	0	0	0	0	0	0.21
Paclitaxel	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0.00	0.20	0	0	0	0	0	0	0.10
Phentermine	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0.33	0.22	0	0	0	0	0	0	0.11
TOTAL OUT OF 9 with a hit	0	2	1	0	8	0	1	3	8	1	1	0	0	8									
														AVERAGE	0.26	0.26							
														MEDIAN	0.33	0.22							

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[illegible]