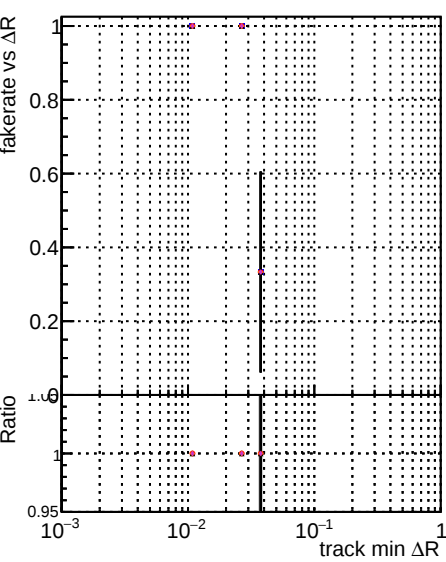


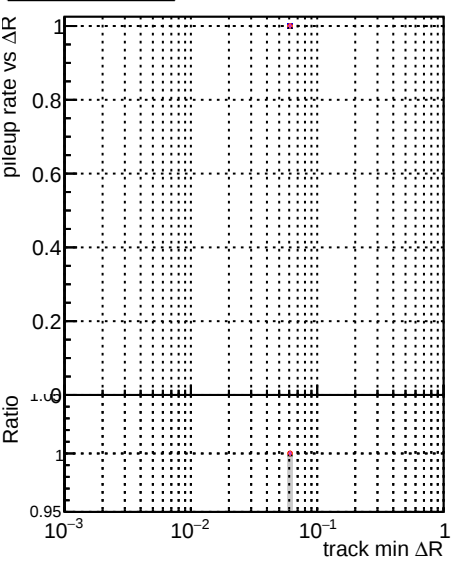
Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



Legend for Fake rate vs dr, Duplicates Rate vs dr, and Pileup rate vs dr plots:

Model	Batch	Color	Shape
Global	NOeval	Blue	Circle
Global	batch32	Red	Circle
Global	batch64	Green	Circle
Global	batch128	Orange	Circle
Global	batch256	Purple	Circle
Global	batch512	Yellow	Circle
Global	batch1024	Light Blue	Circle
Global	batch2048	Light Green	Circle
Global	batch4096	Light Orange	Circle
Global	batch8192	Light Purple	Circle
Global	batch16384	Light Yellow	Circle
Global	batch32768	Light Blue	Circle
Global	batch65536	Light Green	Circle
Global	batch131072	Light Orange	Circle
Global	batch262144	Light Purple	Circle
Global	batch524288	Light Yellow	Circle
Global	batch1048576	Light Blue	Circle
Global	batch2097152	Light Green	Circle
Global	batch4194304	Light Orange	Circle
Global	batch8388608	Light Purple	Circle
Global	batch16777216	Light Yellow	Circle
Global	batch33554432	Light Blue	Circle
Global	batch67108864	Light Green	Circle
Global	batch134217728	Light Orange	Circle
Global	batch268435456	Light Purple	Circle
Global	batch536870912	Light Yellow	Circle
Global	batch1073741824	Light Blue	Circle
Global	batch2147483648	Light Green	Circle
Global	batch4294967296	Light Orange	Circle
Global	batch8589934592	Light Purple	Circle
Global	batch17179869184	Light Yellow	Circle
Global	batch34359738368	Light Blue	Circle
Global	batch68719476736	Light Green	Circle
Global	batch137438953472	Light Orange	Circle
Global	batch274877906944	Light Purple	Circle
Global	batch549755813888	Light Yellow	Circle
Global	batch1099511627776	Light Blue	Circle
Global	batch2199023255552	Light Green	Circle
Global	batch4398046511104	Light Orange	Circle
Global	batch8796093022208	Light Purple	Circle
Global	batch17592186044416	Light Yellow	Circle
Global	batch35184372088832	Light Blue	Circle
Global	batch70368744177664	Light Green	Circle
Global	batch140737488355328	Light Orange	Circle
Global	batch281474976710656	Light Purple	Circle
Global	batch562949953421312	Light Yellow	Circle
Global	batch1125899906842624	Light Blue	Circle
Global	batch2251799813685248	Light Green	Circle
Global	batch4503599627370496	Light Orange	Circle
Global	batch9007199254740992	Light Purple	Circle
Global	batch18014398509481984	Light Yellow	Circle
Global	batch36028797018963968	Light Blue	Circle
Global	batch72057594037927936	Light Green	Circle
Global	batch144115188075855872	Light Orange	Circle
Global	batch288230376151711744	Light Purple	Circle
Global	batch576460752303423488	Light Yellow	Circle
Global	batch1152921504606846976	Light Blue	Circle
Global	batch2305843009213693952	Light Green	Circle
Global	batch4611686018427387904	Light Orange	Circle
Global	batch9223372036854775808	Light Purple	Circle
Global	batch18446744073709551616	Light Yellow	Circle
Global	batch36893488147419103232	Light Blue	Circle
Global	batch73786976294838206464	Light Green	Circle
Global	batch147573952589676412928	Light Orange	Circle
Global	batch295147905179352825856	Light Purple	Circle
Global	batch590295810358705651712	Light Yellow	Circle
Global	batch1180591620717411303424	Light Blue	Circle
Global	batch2361183241434822606848	Light Green	Circle
Global	batch4722366482869645213696	Light Orange	Circle
Global	batch9444732965739290427392	Light Purple	Circle
Global	batch18889465931478580854784	Light Yellow	Circle
Global	batch37778931862957161709568	Light Blue	Circle
Global	batch75557863725914323419136	Light Green	Circle
Global	batch151115727451828646838272	Light Orange	Circle
Global	batch302231454903657293676544	Light Purple	Circle
Global	batch604462909807314587353088	Light Yellow	Circle
Global	batch1208925819614629174706176	Light Blue	Circle
Global	batch2417851639229258349412352	Light Green	Circle
Global	batch4835703278458516698824704	Light Orange	Circle
Global	batch9671406556917033397649408	Light Purple	Circle
Global	batch19342813113834066795298816	Light Yellow	Circle
Global	batch38685626227668133590597632	Light Blue	Circle
Global	batch77371252455336267181195264	Light Green	Circle
Global	batch154742504910672534362390528	Light Orange	Circle
Global	batch309485009821345068724781056	Light Purple	Circle
Global	batch618970019642690137449562112	Light Yellow	Circle
Global	batch1237940039285380274899124224	Light Blue	Circle
Global	batch2475880078570760549798248448	Light Green	Circle
Global	batch4951760157141521099596496896	Light Orange	Circle
Global	batch9903520314283042199192993792	Light Purple	Circle
Global	batch19807040628566084398385987584	Light Yellow	Circle
Global	batch39614081257132168796771975168	Light Blue	Circle
Global	batch79228162514264337593543950336	Light Green	Circle
Global	batch158456325028528675187087900672	Light Orange	Circle
Global	batch316912650057057350374175801344	Light Purple	Circle
Global	batch633825300114114700748351602688	Light Yellow	Circle
Global	batch1267650600228229401496703205376	Light Blue	Circle
Global	batch2535301200456458802993406410752	Light Green	Circle
Global	batch5070602400912917605986812821504	Light Orange	Circle
Global	batch10141204801825835211973625643008	Light Purple	Circle
Global	batch20282409603651670423947251286016	Light Yellow	Circle
Global	batch40564819207303340847894502572032	Light Blue	Circle
Global	batch81129638414606681695789005144064	Light Green	Circle
Global	batch162259276829213363391578010288128	Light Orange	Circle
Global	batch324518553658426726783156020576256	Light Purple	Circle
Global	batch649037107316853453566312041152512	Light Yellow	Circle
Global	batch1298074214633706907132624082305024	Light Blue	Circle
Global	batch2596148429267413814265248164610048	Light Green	Circle
Global	batch5192296858534827628530496329220096	Light Orange	Circle
Global	batch10384593717069655257060992658440192	Light Purple	Circle
Global	batch20769187434139310514121985316880384	Light Yellow	Circle
Global	batch41538374868278621028243970633760768	Light Blue	Circle
Global	batch83076749736557242056487941267521536	Light Green	Circle
Global	batch166153499473114484112975882535043072	Light Orange	Circle
Global	batch332306998946228968225951765070086144	Light Purple	Circle
Global	batch664613997892457936451903530140172288	Light Yellow	Circle
Global	batch1329227995784915872903807060280344576	Light Blue	Circle
Global	batch2658455991569831745807614120560689152	Light Green	Circle
Global	batch5316911983139663491615228241121378304	Light Orange	Circle
Global	batch10633823966279326983230456482242756608	Light Purple	Circle
Global	batch21267647932558653966460912964485513216	Light Yellow	Circle
Global	batch42535295865117307932921825928971026432	Light Blue	Circle
Global	batch85070591730234615865843651857942052864	Light Green	Circle
Global	batch170141183460469231731687303715884105728	Light Orange	Circle
Global	batch340282366920938463463374607431768211456	Light Purple	Circle
Global	batch680564733841876926926749214863536422912	Light Yellow	Circle
Global	batch1361129467683753853853498429727072845824	Light Blue	Circle
Global	batch2722258935367507707706996859454145691648	Light Green	Circle
Global	batch5444517870735015415413993718908291383296	Light Orange	Circle
Global	batch10889035741470030830827987437816582766592	Light Purple	Circle
Global	batch21778071482940061661655974875633165533184	Light Yellow	Circle
Global	batch43556142965880123323311949751266331066368	Light Blue	Circle
Global	batch87112285931760246646623899502532662132736	Light Green	Circle
Global	batch174224571863520493293247799005065324265472	Light Orange	Circle
Global	batch348449143727040986586495598010130648530944	Light Purple	Circle
Global	batch696898287454081973172991196020261297061888	Light Yellow	Circle
Global	batch1393796574908163946345982392040522594123776	Light Blue	Circle
Global	batch2787593149816327892691964784081045188247552	Light Green	Circle
Global	batch5575186299632655785383929568162090376495104	Light Orange	Circle
Global	batch11150372599265311570767859136324180752990208	Light Purple	Circle
Global	batch22300745198530623141535718272648361505980416	Light Yellow	Circle
Global	batch44601490397061246283071436545296723011960832	Light Blue	Circle
Global	batch89202980794122492566142873090593446023921664	Light Green	Circle
Global	batch178405961588244985132285746181186892047843328	Light Orange	Circle
Global	batch356811923176489970264571492362373784095686656	Light Purple	Circle
Global	batch713623846352979940529142984724747568191373312	Light Yellow	Circle
Global	batch1427247692705959881058285969449495136382746624	Light Blue	Circle
Global	batch2854495385411919762116571938898990272765493248	Light Green	Circle
Global	batch5708990770823839524233143877797980545530986496	Light Orange	Circle
Global	batch11417981541647679048466287755595961091061972992	Light Purple	Circle
Global	batch22835963083295358096932575511191922182123945984	Light Yellow	Circle
Global	batch45671926166590716193865151022383844364247891968	Light Blue	Circle
Global	batch91343852333181432387730302044767688728495783936	Light Green	Circle
Global	batch182687704666362864775460604089535377456991567872	Light Orange	Circle
Global	batch365375409332725729550921208179070754913983135744	Light Purple	Circle
Global	batch730750818665451459101842416358141509827966271488	Light Yellow	Circle
Global	batch1461501637330902918203684832716283019655932542976	Light Blue	Circle
Global	batch2923003274661805836407369665432566039311865085952	Light Green	Circle
Global	batch5846006549323611672814739330865132078623730171904	Light Orange	Circle
Global	batch11692013098647223345629478661730264157247460343808	Light Purple	Circle
Global	batch23384026197294446691258957323460528314494920687616	Light Yellow	Circle
Global	batch46768052394588893382517914646921056628989841375232	Light Blue	Circle
Global	batch93536104789177786765035829293842113257979682750464	Light Green	Circle
Global	batch187072209578355573530071658587684226515959365500928	Light Orange	Circle
Global	batch374144419156711147060143317175368453031918731001856	Light Purple	Circle
Global	batch748288838313422294120286634350736906063837462003712	Light Yellow	Circle
Global	batch1496577676626844588240573268701473812127674924007424	Light Blue	Circle
Global	batch2993155353253689176481146537402947624255349848014848	Light Green	Circle
Global	batch5986310706507378352962293074805895248510699696029696	Light Orange	Circle
Global	batch11972621413014756705924586149611790497021399392059392	Light Purple	Circle
Global	batch23945242826029513411849172299223580994042798784118784	Light Yellow	Circle
Global	batch47890485652059026823698344598447161988085597568237568	Light Blue	Circle
Global	batch95780971304118053647396689196894323976171195136475136	Light Green	Circle
Global	batch191561942608236107294793378393788647952342390272950272	Light Orange	Circle
Global	batch383123885216472214589586756787577295904684780545900544	Light Purple	Circle
Global	batch766247770432944429179173513575154591809369561091801088	Light Yellow	Circle
Global	batch1532495540865888858358347027150309183618739122183602176	Light Blue	Circle
Global	batch3064991081731777716716694054300618367237478244367204352	Light Green	Circle
Global	batch6129982163463555433433388108601236734474956488734408704	Light Orange	Circle
Global	batch12259964326927110866866776217202473468949912977468817408	Light Purple	Circle
Global	batch24519928653854221733733552434404946937899825954937634816	Light Yellow	Circle
Global	batch49039857307708443467467104868809893875799651909875269632	Light Blue	Circle
Global	batch98079714615416886934934209737619787751599303819750539264	Light Green	Circle
Global	batch196159429228833773869868419475239575503198607639501078528	Light Orange	Circle
Global	batch392318858457667547739736838950479151006397215279002157056	Light Purple	Circle
Global	batch784637716915335095479473677900958302012794430558004314112	Light Yellow	Circle
Global	batch1569275433830670190958947355801916604025588861116008628224	Light Blue	Circle
Global	batch3138550867661340381917894711603833208051177722232017256448	Light Green	Circle
Global	batch6277101735322680763835789423207666416102355444464034512896	Light Orange	Circle
Global	batch12554203470645361527671578846415332832204710888928069025792	Light Purple	Circle
Global	batch25108406941290723055343157692830665664409421777856138051584	Light Yellow	Circle
Global	batch50216813882581446110686315385661331328818843555712276103168	Light Blue	Circle
Global	batch100433627765162892221372630771322662657637687111424552206336	Light Green	Circle
Global	batch200867255530325784442745261542645325315275374222849104412672	Light Orange	Circle
Global	batch401734511060651568885490523085290650630550748445698208825344	Light Purple	Circle
Global	batch803469022121303137770981046170581301261101496891396417650688	Light Yellow	Circle
Global	batch16069380442426062755		