

LAMPIRAN

SURAT KEPUTUSAN
REKTOR INSTITUT INFORMATIKA DAN BISNIS (IIB) DARMAJAYA
NOMOR : SK.0423/DMJ/REK/BAAK/IX-2021
TENTANG
LULUSAN PROGRAM PASCASARJANA (S2)
FAKULTAS ILMU KOMPUTER
PROGRAM STUDI MAGISTER TEKNIK INFORMATIKA (MTI)
IIB DARMAJAYA

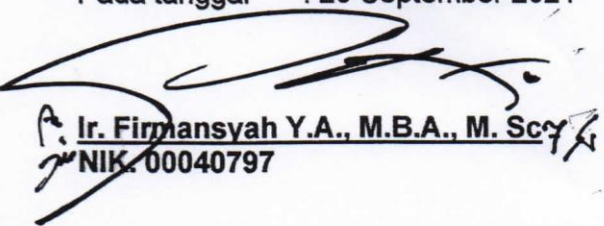
REKTOR IIB DARMAJAYA

- Menimbang** : 1. Bahwa mahasiswa yang telah menyelesaikan seluruh matakuliah sesuai dengan jurusannya, maka perlu di tetapkan sebagai lulusan IIB Darmajaya.
2. Usulan Wakil Rektor Bidang Akademik dan Riset mengenai nama-nama mahasiswa yang telah menyelesaikan studi pada Program Pasca Sarjana (S2) Fakultas Ilmu Komputer Program Studi Magister Teknologi Informasi (MTI) di IIB Darmajaya.
3. Bahwa untuk itu perlu ditetapkan dengan Surat Keputusan.
- Mengingat** : 1. Undang-Undang Nomor : 20 Tahun 2003 Tentang Pendidikan Nasional.
2. Peraturan Pemerintah Nomor : 4 Tahun 2014 Tentang Penyelenggaraan Pendidikan Tinggi Dan Pengelolaan Perguruan Tinggi
3. Surat Keputusan Mendiknas Nomor : 165/D/0/2008 tentang Perubahan Status STMIK-STIE Darmajaya menjadi IIB Darmajaya
4. Surat Ketua Yayasan Alfian Husin Nomor : IM.003/YP-AH/X-2008
5. Surat Keputusan Rektor No.0079/DMJ/REK/KUSDM/II-2016 tentang Perubahan Struktur Organisasi
6. Akte Notaris Cahaya Chairani Djausal Zubaidi, S.H.
7. STATUTA IIB Darmajaya

MEMUTUSKAN

- Menetapkan Pertama** : Nama-nama yang terlampir dalam Surat Keputusan ini adalah mahasiswa Pasca Sarjana (S2) Program Studi Magister Teknik Informatika (MTI) IIB Darmajaya yang telah menyelesaikan seluruh studinya.
- Kedua** : Berhubungan dengan butir pertama di atas, yang bersangkutan dinyatakan lulus dan berhak menerima Ijazah dan Transkrip Nilai sesuai dengan program pendidikan yang dimilikinya.
- Ketiga** : Keputusan ini mulai berlaku sejak tanggal ditetapkan, dengan ketentuan bahwa segala sesuatunya akan berubah dan diperbaiki sebagaimana mestinya, apabila dikemudian hari terdapat kekeliruan dalam penetapan ini.

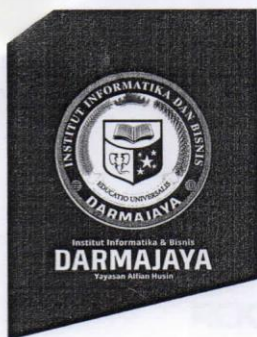
Ditetapkan di : Bandar Lampung
Pada tanggal : 20 September 2021


Ir. Firmansyah Y.A., M.B.A., M. Sc.
NIK. 00040797

Tembusan :

1. Dirjen DIKTI di Jakarta
2. Kepala Lembaga Layanan Pendidikan Tinggi Wilayah II Palembang
3. Ketua Yayasan Alfian Husin
4. Yang Bersangkutan
5. Arsip





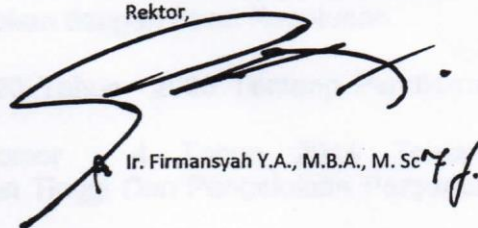
ampiran : Surat Keputusan Rektor IIB Darmajaya
Nomor : 0423/DMJ/REK/BAAK/IX-2021
Tanggal : 20 September 2020
Perihal : Yudisium Lulusan Pascasarjana (S2) Fakultas Ilmu Komputer

DAFTAR MAHASISWA PESERTA YUDISIUM

No	NPM	Nama Mahasiswa	Program Studi	Jenjang	Jenis Kelamin	Tahun Masuk (DD-MM-YYYY)	Tahun Kelulusan (DD-MM-YYYY)	SKS Yang Telah ditempuh	IPK
1	1721210009	Joni Jonson	Magister Teknik Informatika	S-2	Lk	23-03-2018	20-09-2021	36	3.54
2	1821210002	Agung Pradana	Magister Teknik Informatika	S-2	Lk	31-03-2019	20-09-2021	39	3.77
3	1821210019	Priyono	Magister Teknik Informatika	S-2	Lk	31-03-2019	20-09-2021	39	3.81

Bandar Lampung, 20 September 2021

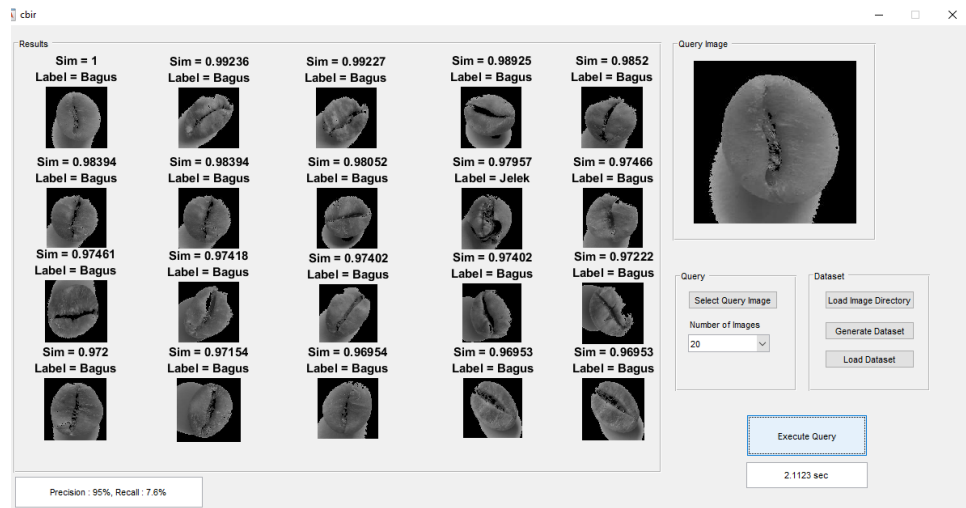
Rektor,


Ir. Firmansyah Y.A., M.B.A., M.Sc.

Pengujian Sistem CBIR

A. Pengujian CBIR Data Uji Biji Kopi Prediksi Bagus

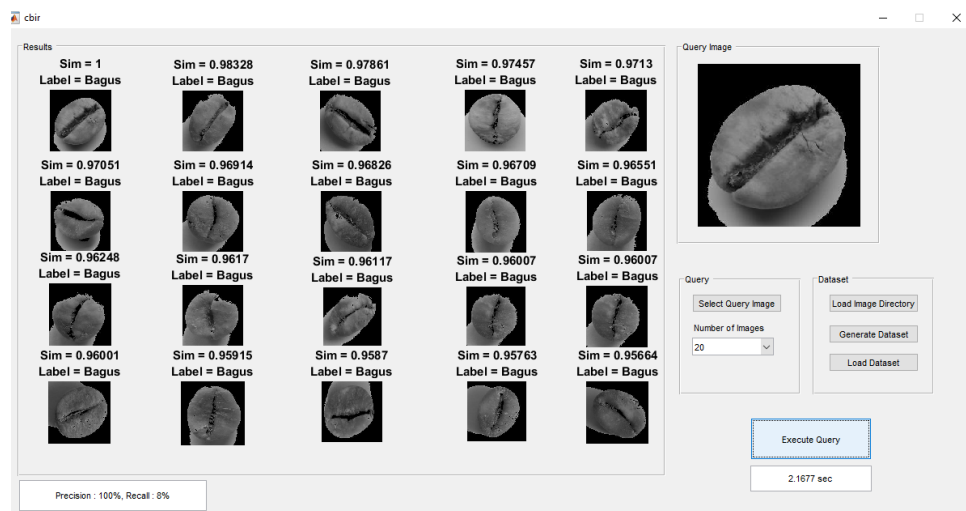
1. Pengujian Query 1



Precision = 95%

Recall = 7,6%

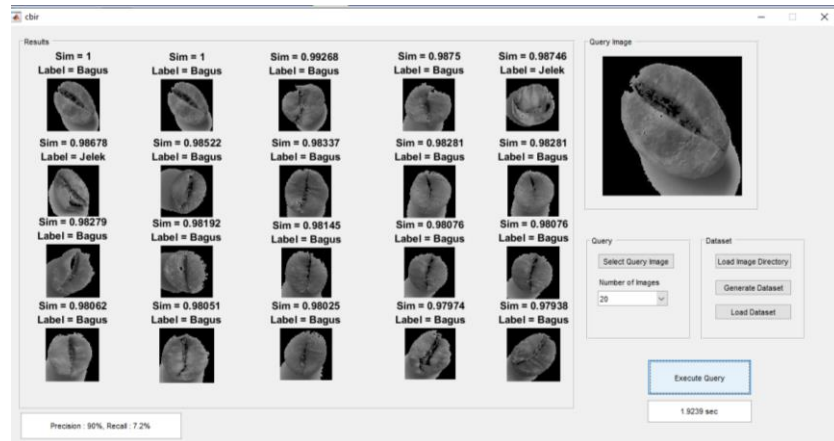
2. Pengujian Query 2



Precision = 100%

Recall = 8%

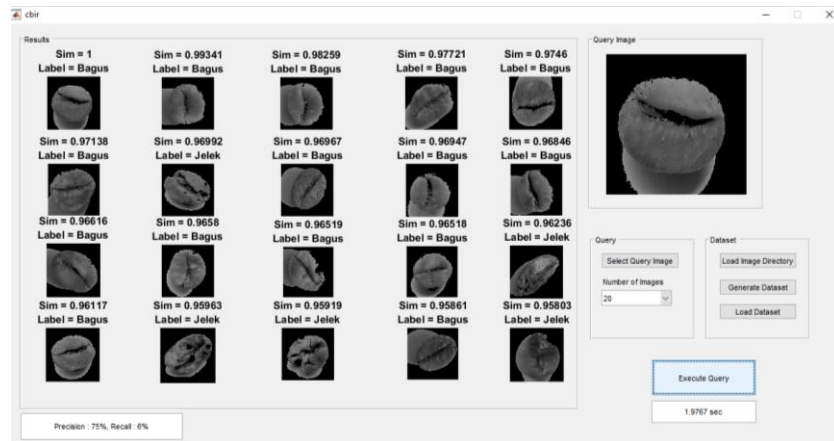
3. Pengujian Query 3



Precision = 90%

Recall = 7,2%

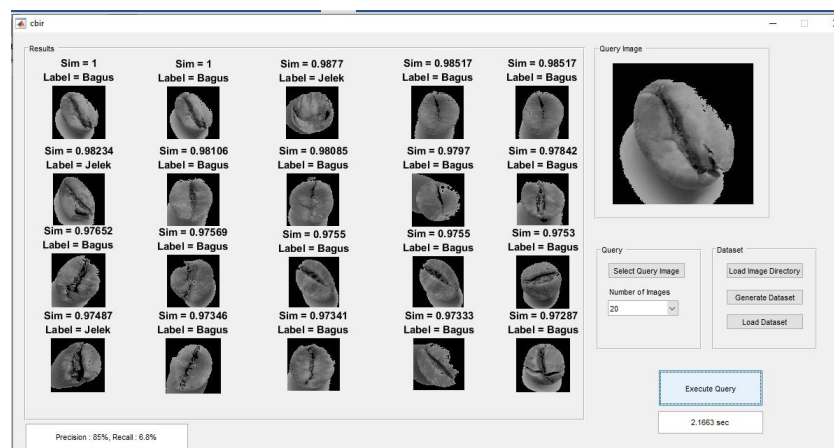
4. Pengujian Query 4



Precision = 75%

Recall = 6%

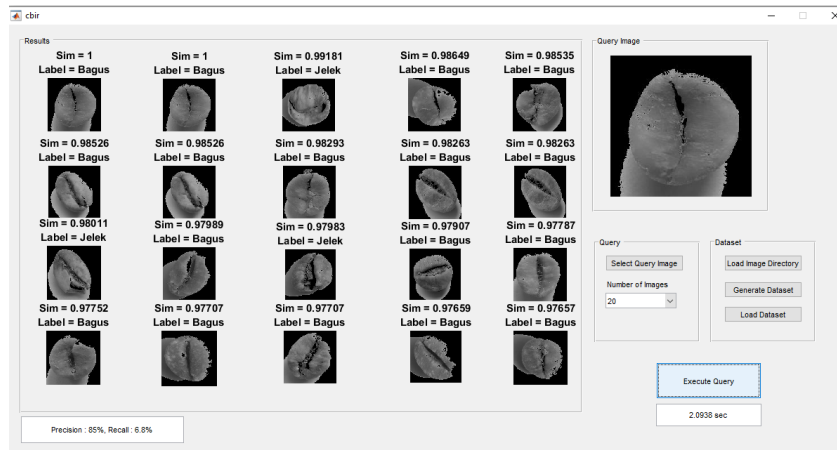
5. Pengujian Query 5



Precision = 85%

Recall = 6,8%

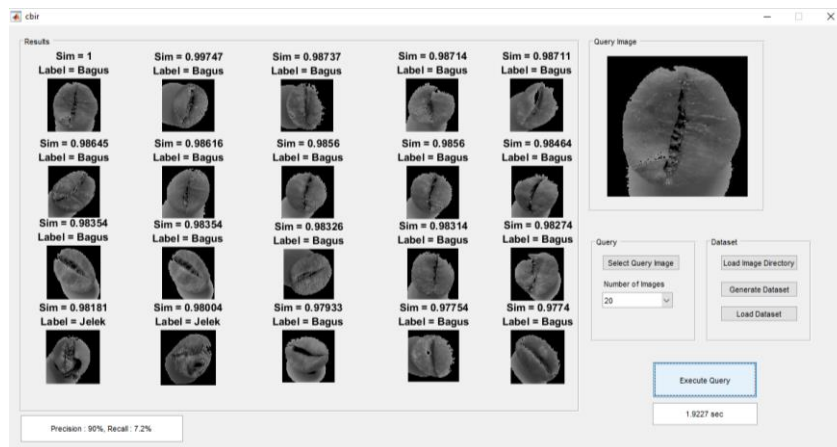
6. Pengujian Query 6



Precision = 85%

Recall = 6,8%

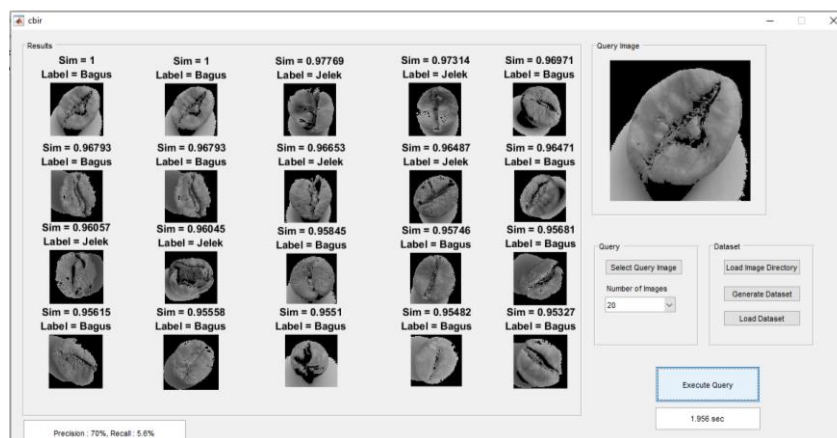
7. Pengujian Query 7



Precision = 90%

Recall = 7,2%

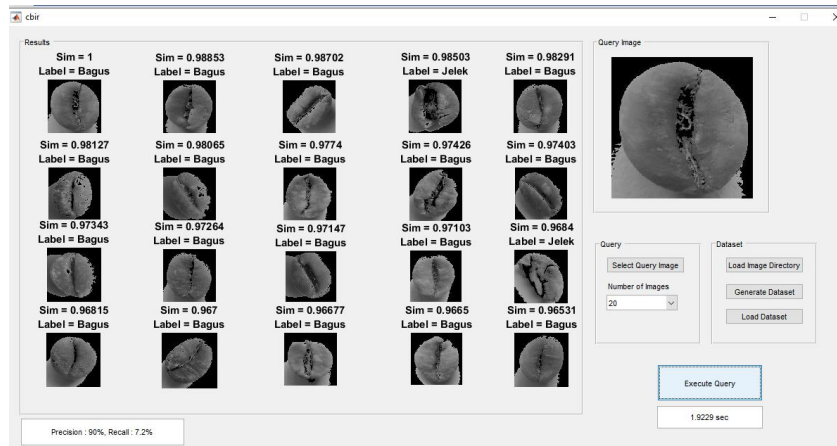
8. Pengujian Query 8



Precision = 70%

Recall = 5,6%

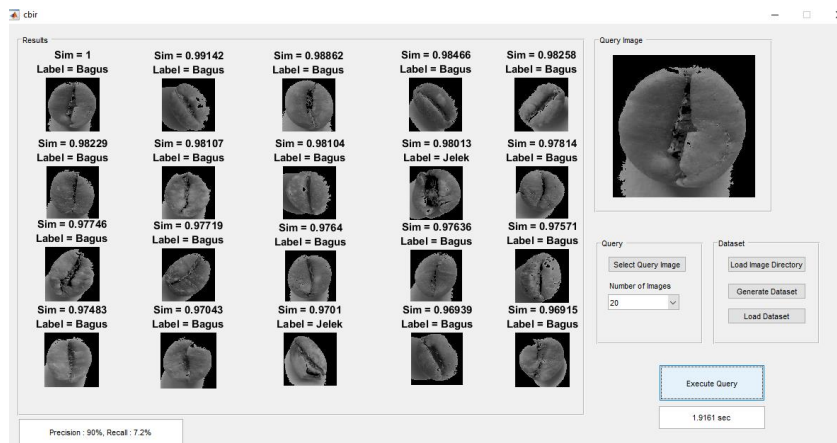
9. Pengujian Query 9



Precision = 90%

Recall = 7,2%

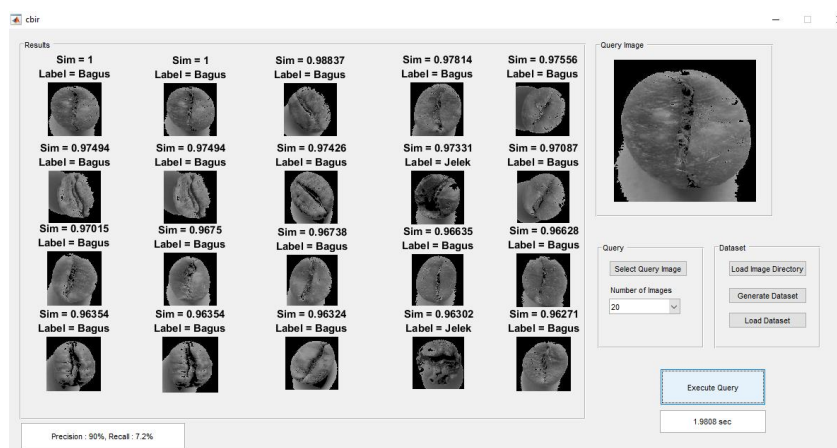
10. Pengujian Query 10



Precision = 90%

Recall = 7,2%

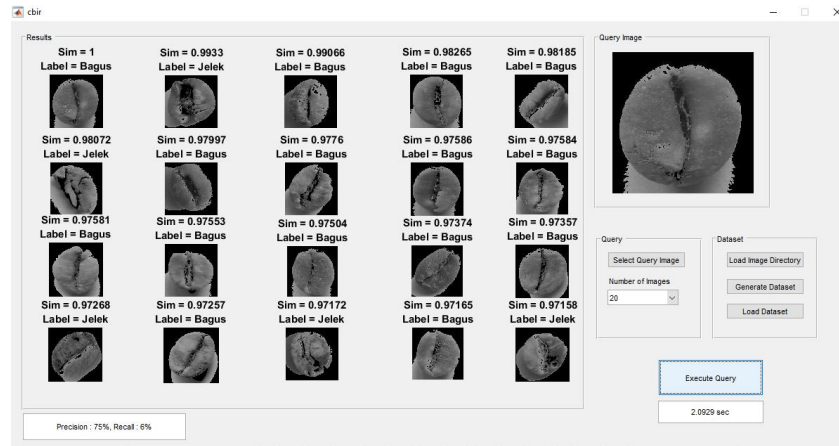
11. Pengujian Query 11



Precision = 90%

Recall = 7,2%

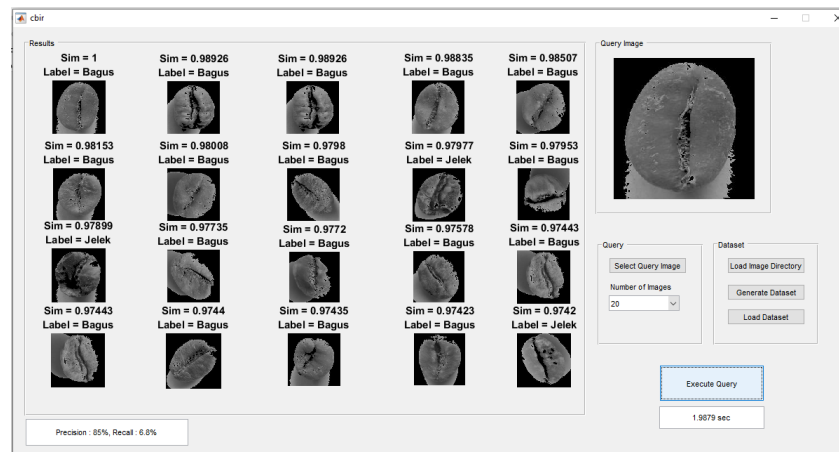
12. Pengujian Query 12



Precision = 75%

Recall = 6%

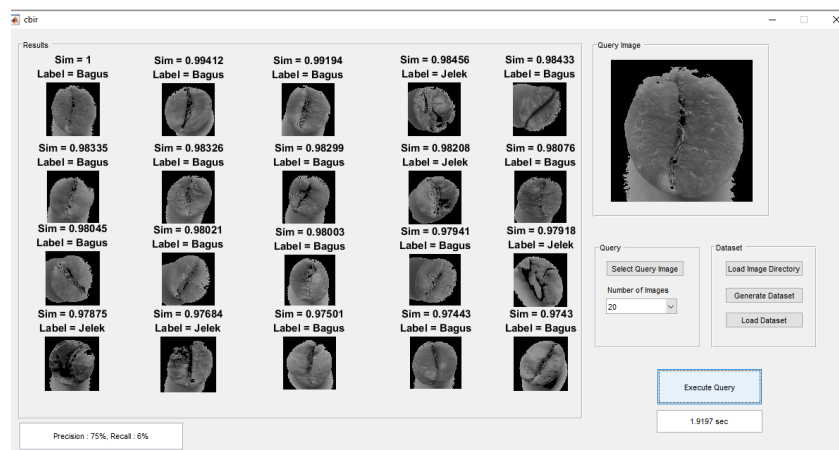
13. Pengujian Query 13



Precision = 85%

Recall = 6,8%

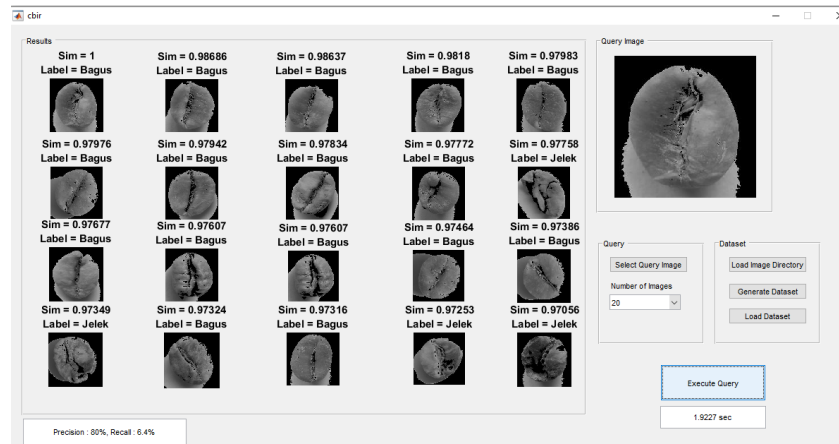
14. Pengujian Query 14



Precision = 75%

Recall = 6%

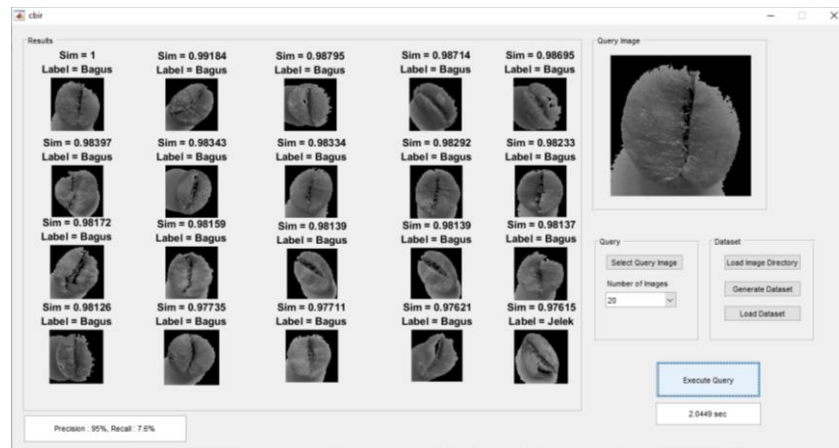
15. Pengujian Query 15



Precision = 80%

Recall = 6,4%

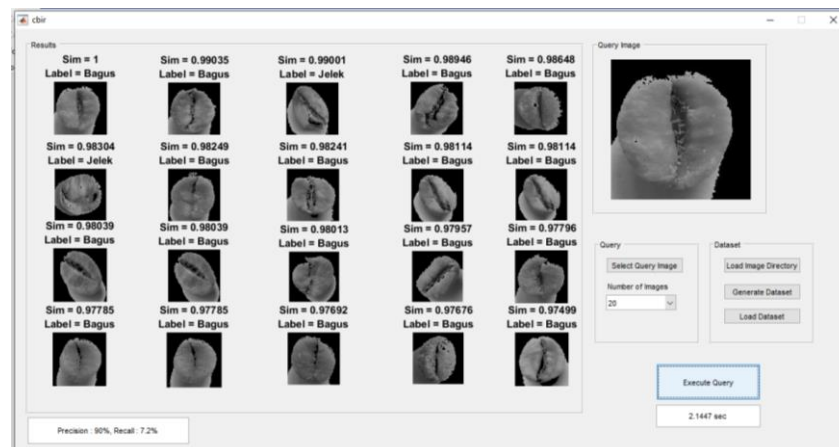
16. Pengujian Query 16



Precision = 95%

Recall = 7,6%

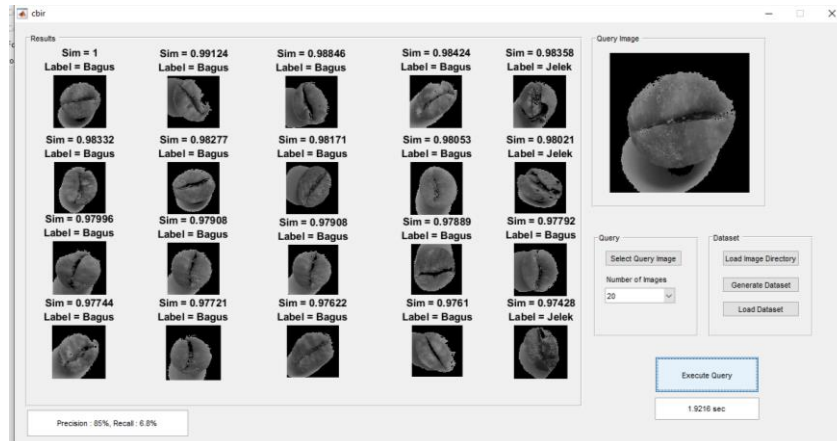
17. Pengujian Query 17



Precision = 90%

Recall = 7,2%

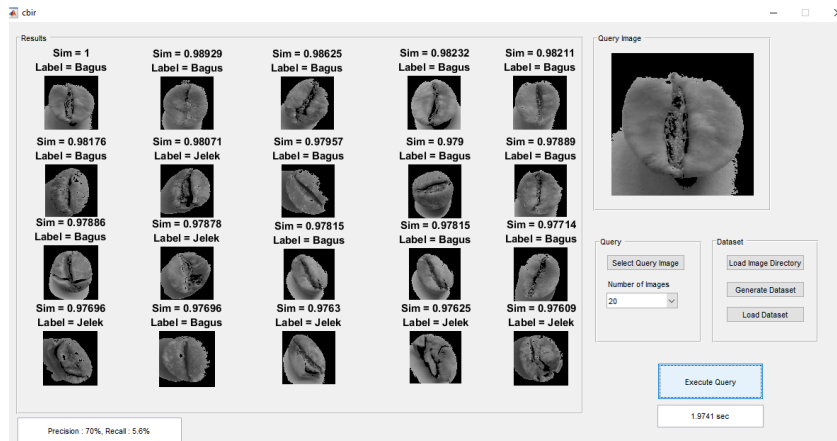
18. Pengujian Query 18



Precision = 85%

Recall = 6,8%

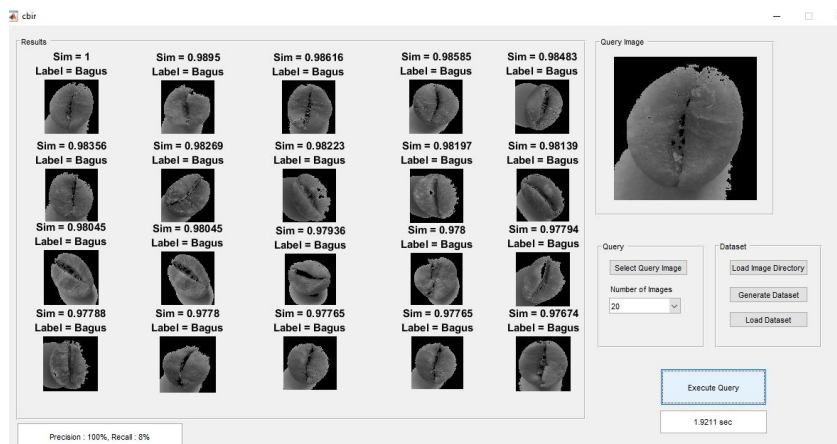
19. Pengujian Query 19



Precision = 70%

Recall = 5,6%

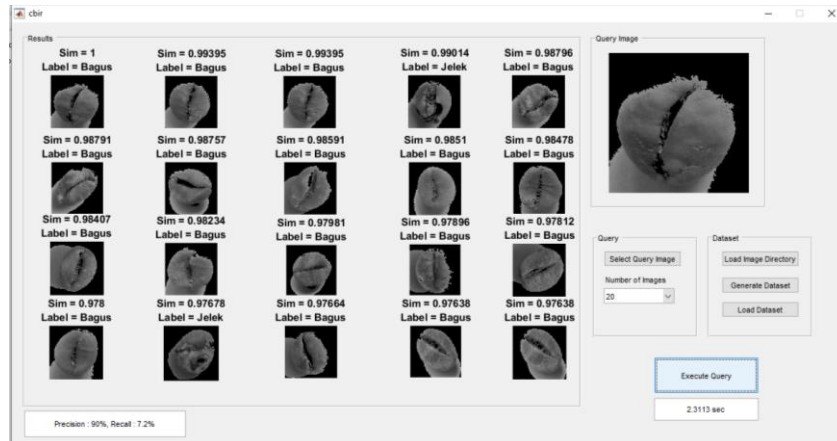
20. Pengujian Query 20



Precision = 100%

Recall = 8%

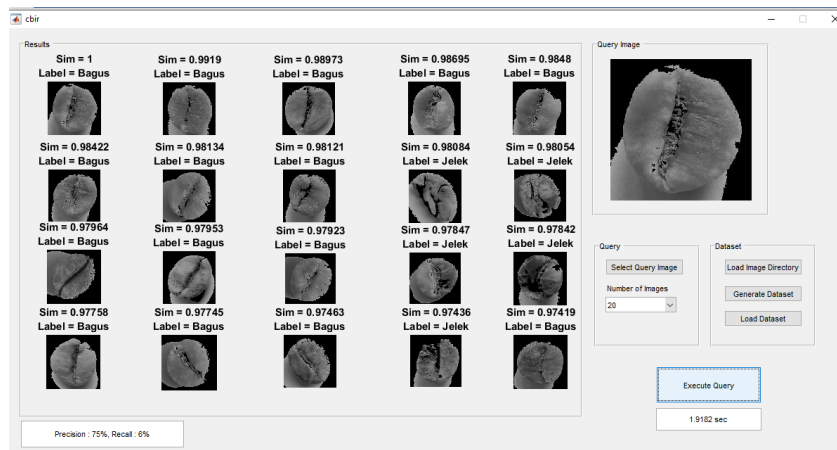
21. Pengujian Query 21



Precision = 90%

Recall = 7,2%

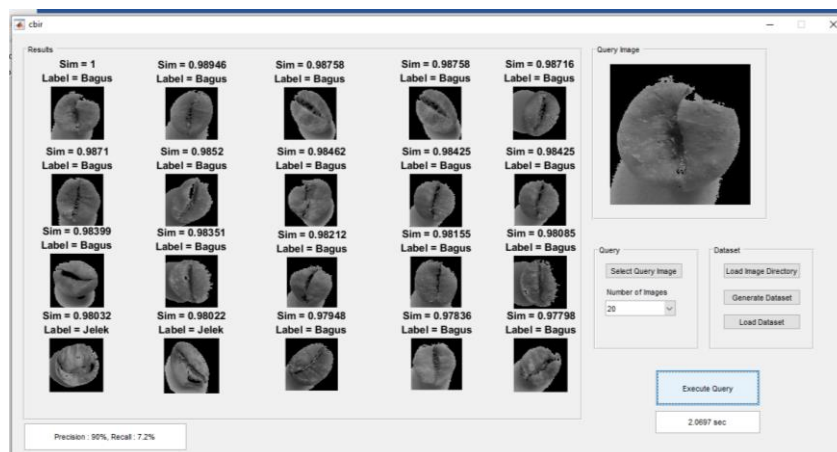
22. Pengujian Query 22



Precision = 75%

Recall = 6%

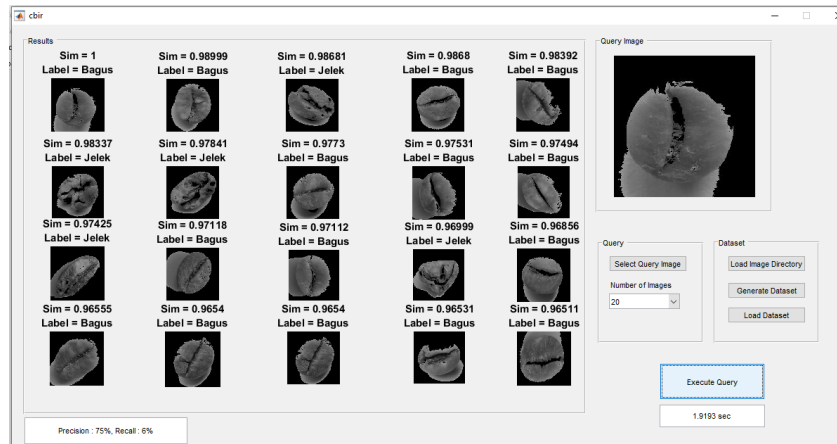
23. Pengujian Query 23



Precision = 90%

Recall = 7,2%

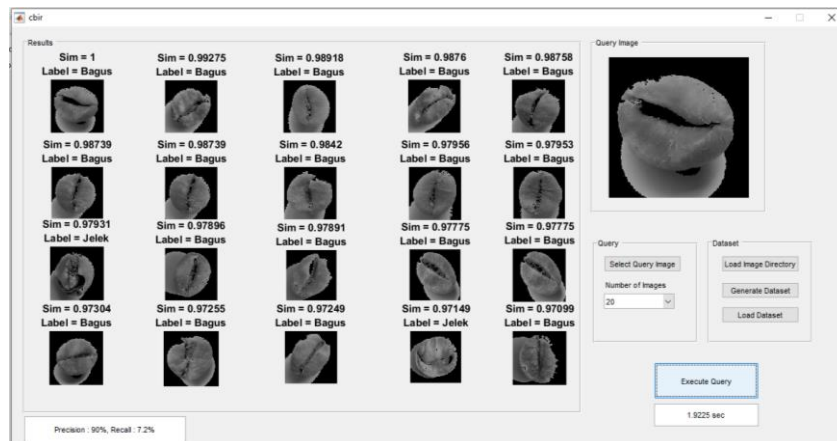
24. Pengujian Query 24



Precision = 75%

Recall = 6%

25. Pengujian Query 25

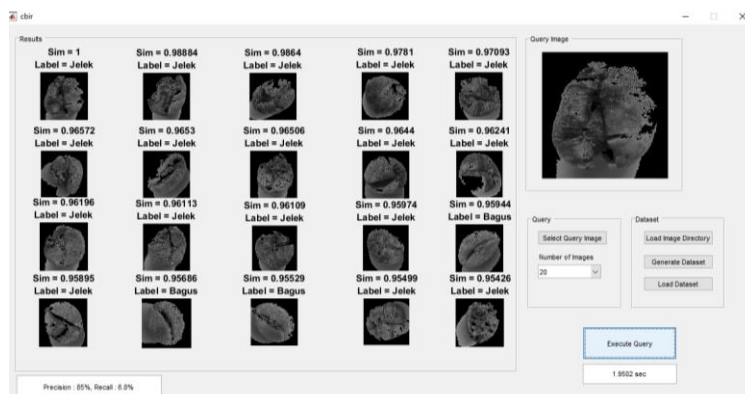


Precision = 90%

Recall = 7,2%

B. Pengujian CBIR Data Uji Biji Kopi Kualitas Buruk

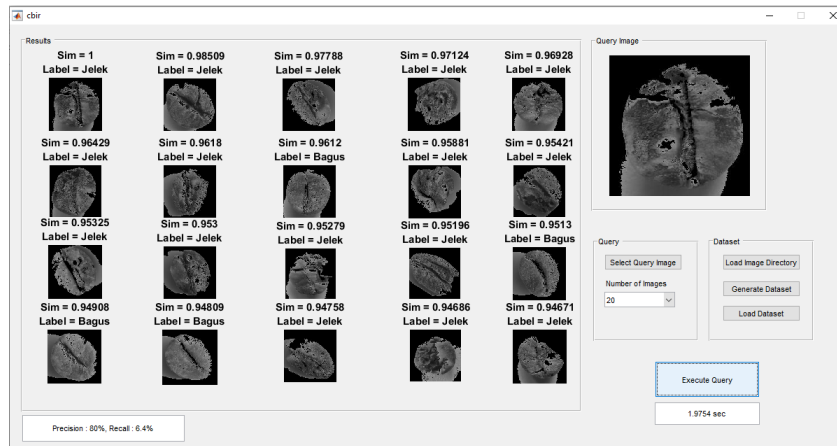
26. Pengujian Query 26



Precision = 85%

Recall = 6,8%

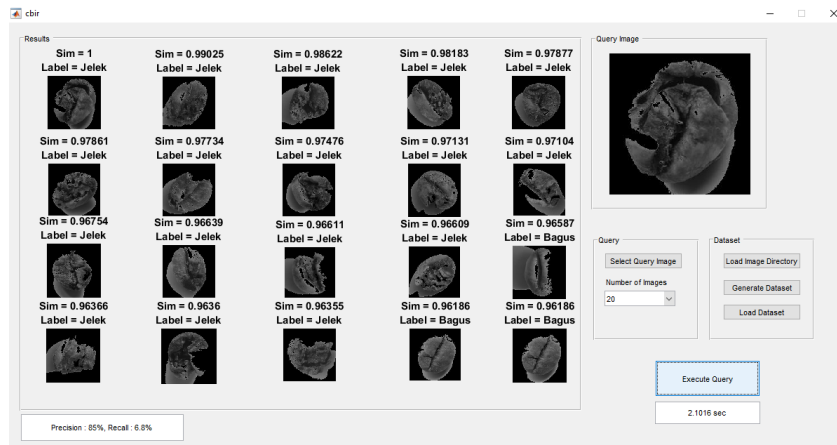
27. Pengujian Query 27



Precision = 80%

Recall = 6,4%

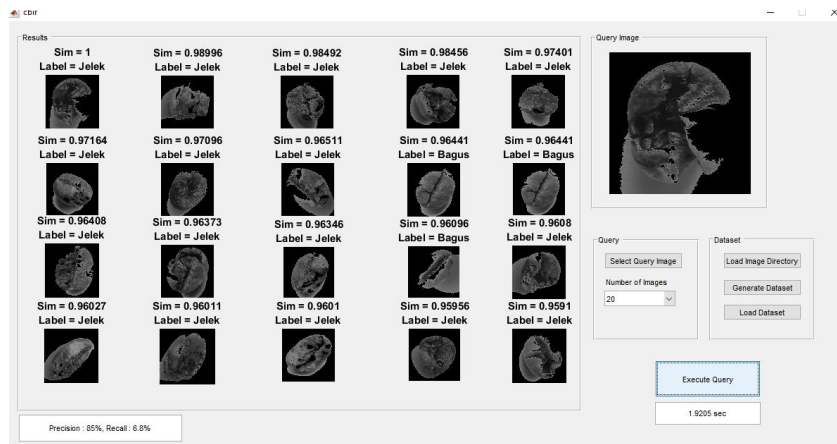
28. Pengujian Query 28



Precision = 85%

Recall = 6,8%

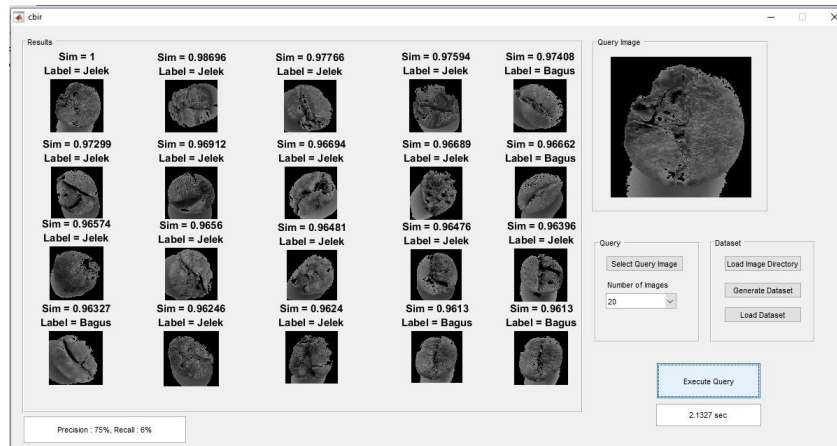
29. Pengujian Query 29



Precision = 85%

Recall = 6,8%

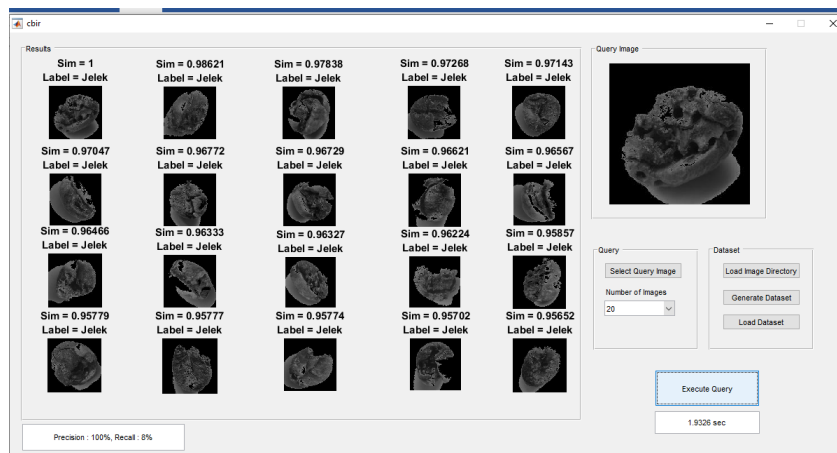
30. Pengujian Query 30



Precision = 75%

Recall = 6%

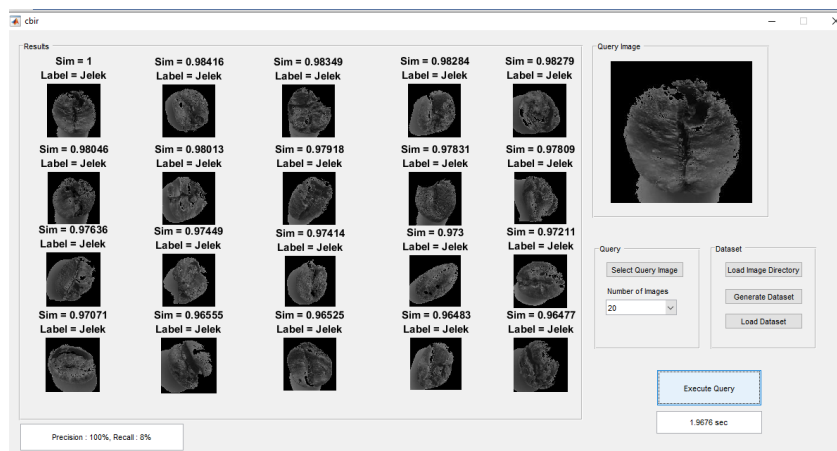
31. Pengujian Query 31



Precision = 100%

Recall = 8%

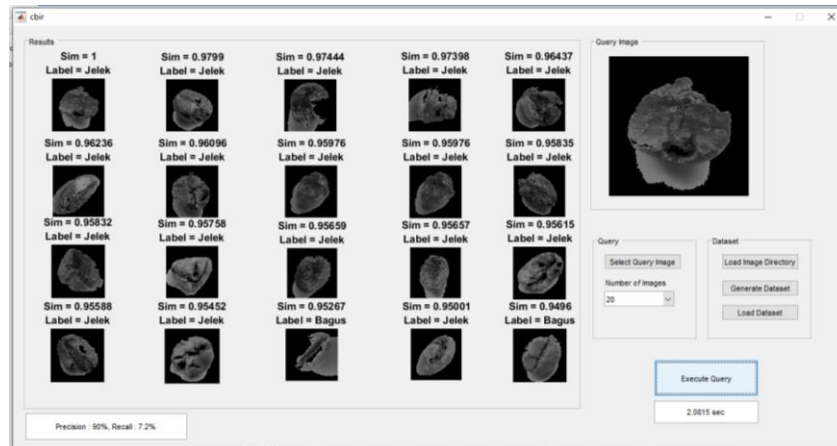
32. Pengujian Query 32



Precision = 100%

Recall = 8%

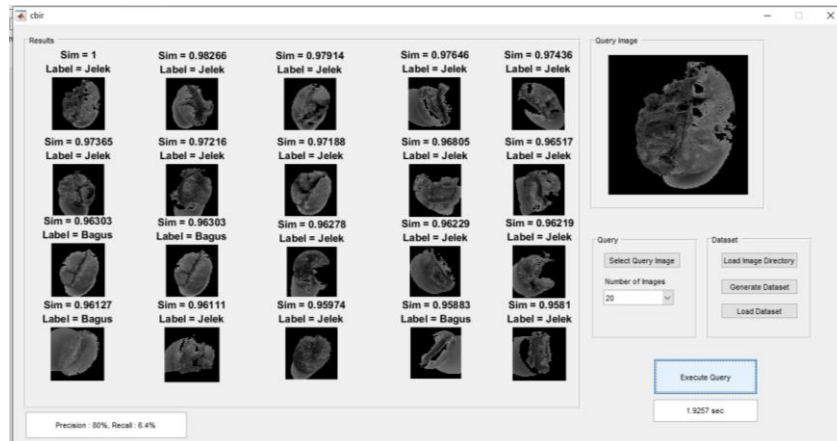
33. Pengujian Query 33



Precision = 90%

Recall = 7,2%

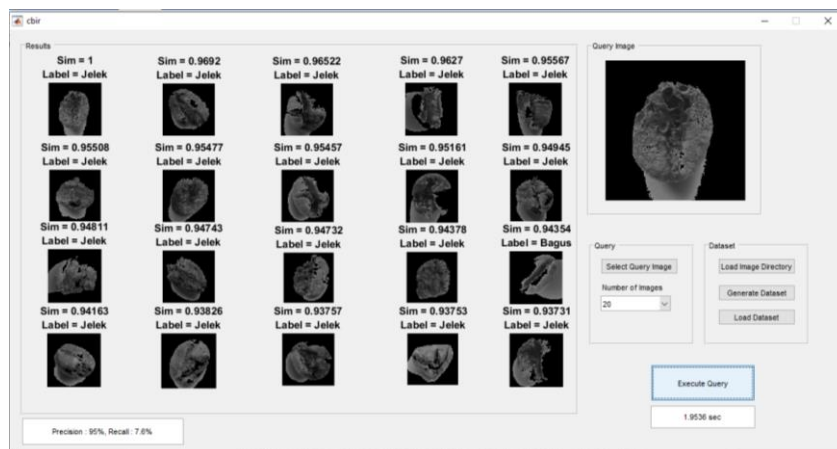
34. Pengujian Query 34



Precision = 80%

Recall = 6,4%

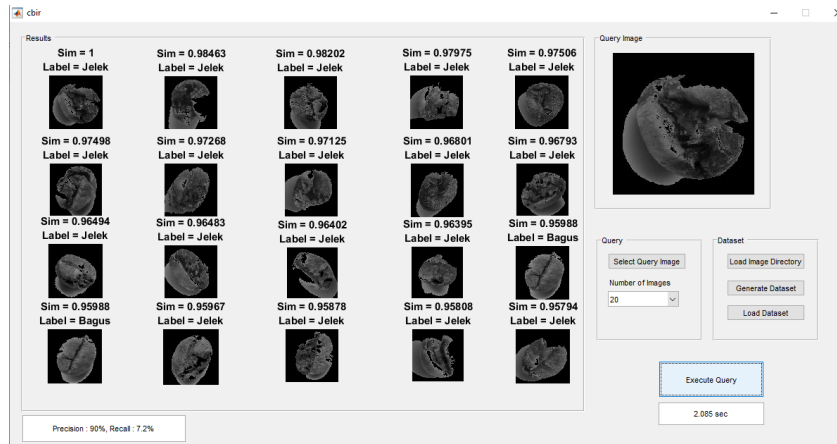
35. Pengujian Query 35



Precision = 95%

Recall = 7,6%

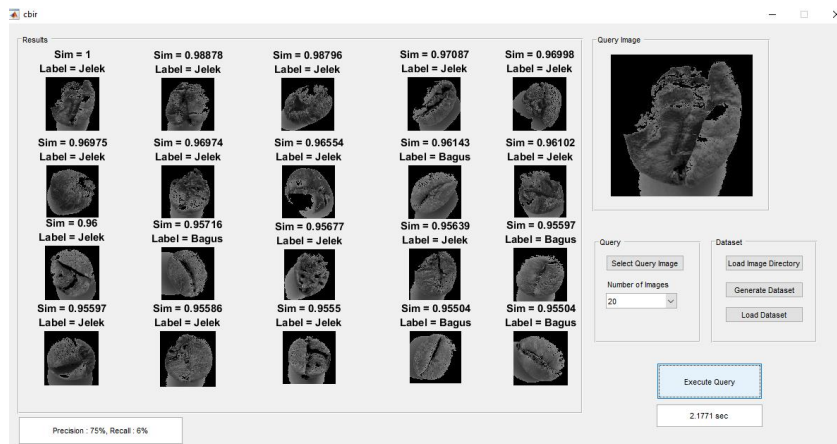
36. Pengujian Query 36



Precision = 90%

Recall = 72%

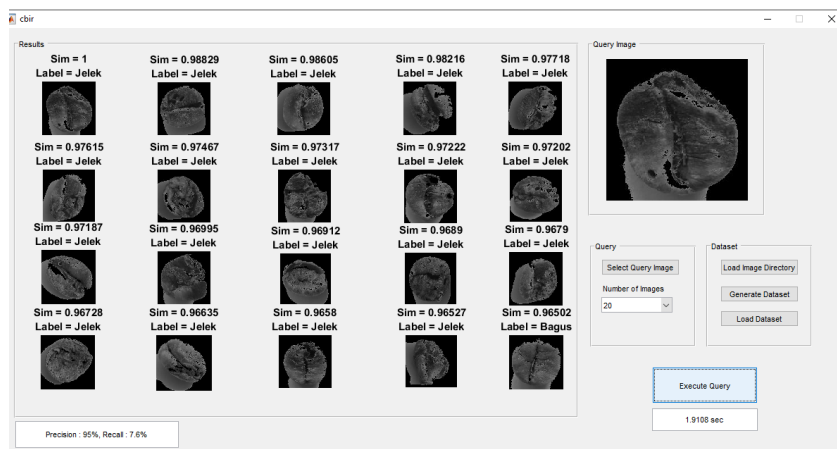
37. Pengujian Query 37



Precision = 75%

Recall = 6%

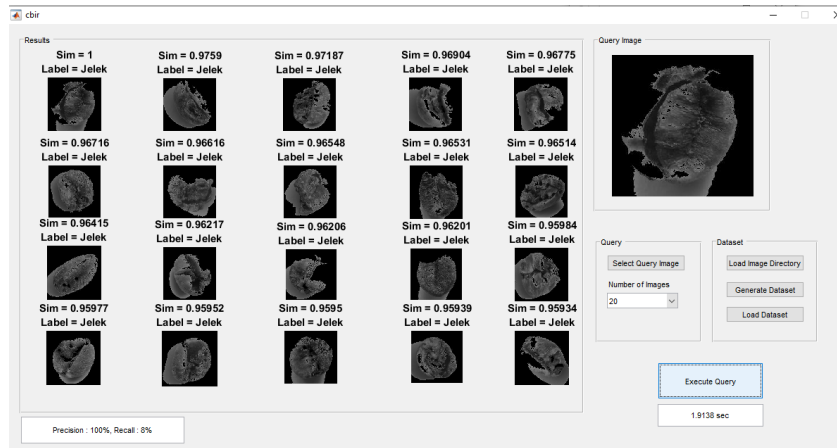
38. Pengujian Query 38



Precision = 95%

Recall = 7,6%

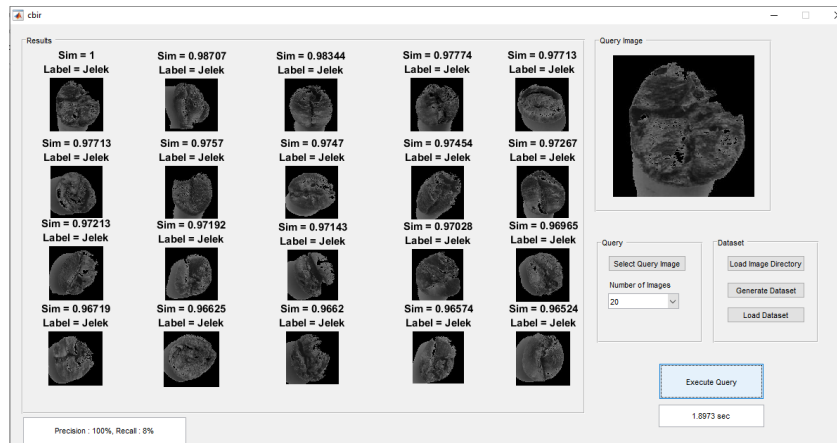
39. Pengujian Query 39



Precision = 100%

Recall = 8%

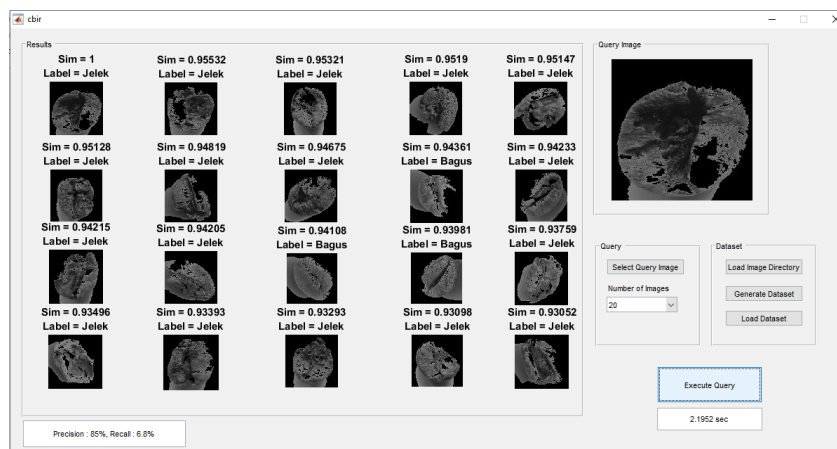
40. Pengujian Query 40



Precision = 100%

Recall = 8%

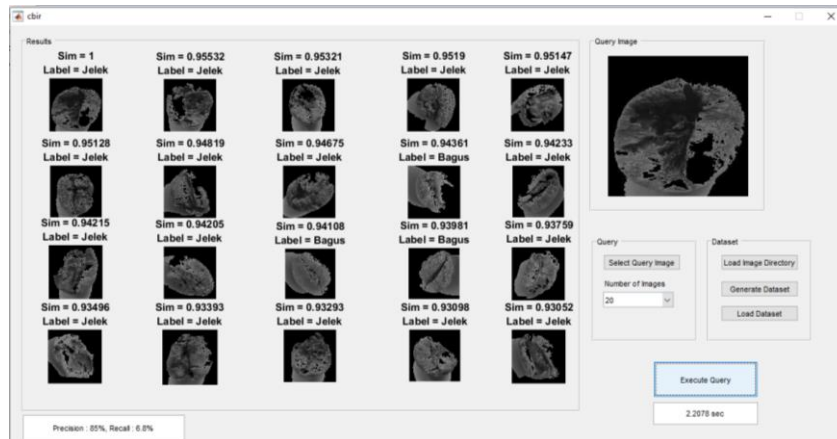
41. Pengujian Query 41



Precision = 85%

Recall = 6,8%

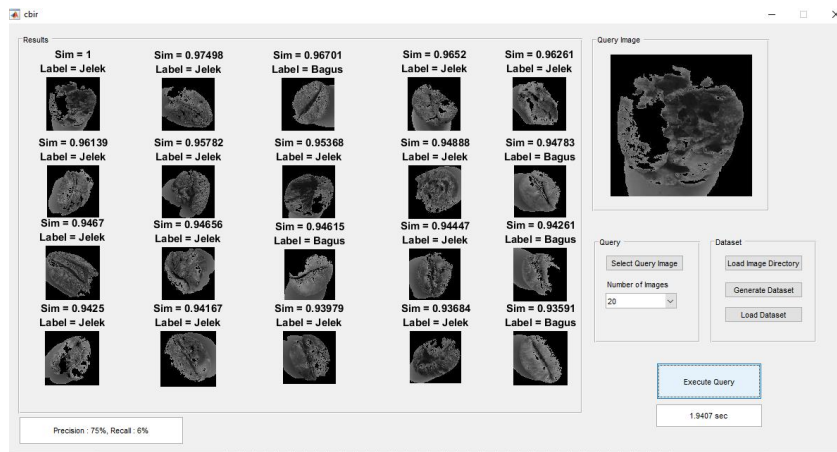
42. Pengujian Query 42



Precision = 85%

Recall = 6,8%

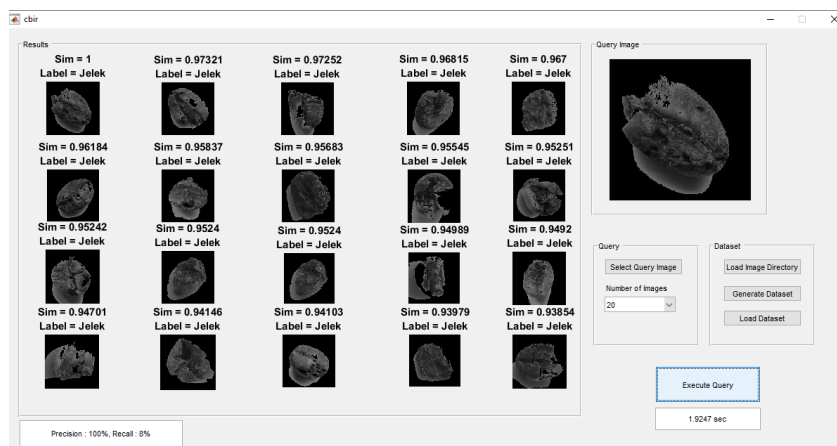
43. Pengujian Query 43



Precision = 75%

Recall = 6%

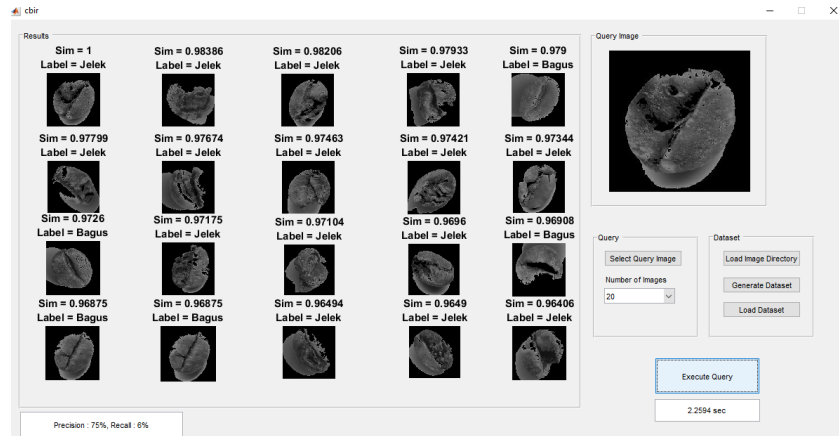
44. Pengujian Query 44



Precision = 100%

Recall = 8%

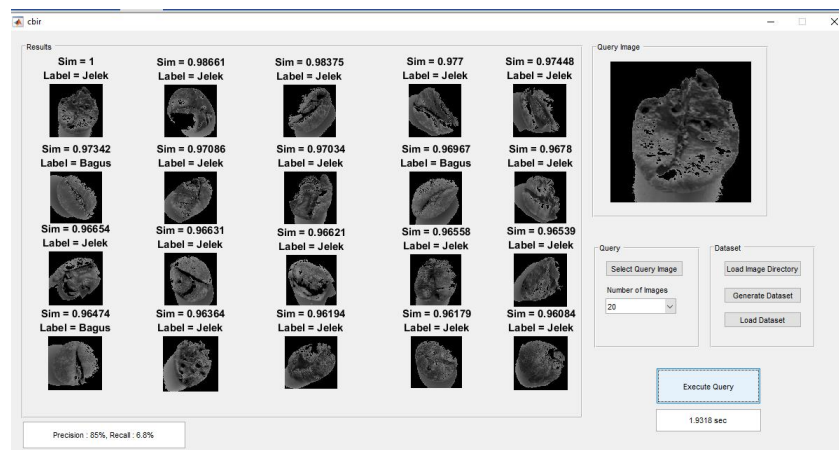
45. Pengujian Query 45



Precision = 75%

Recall = 6%

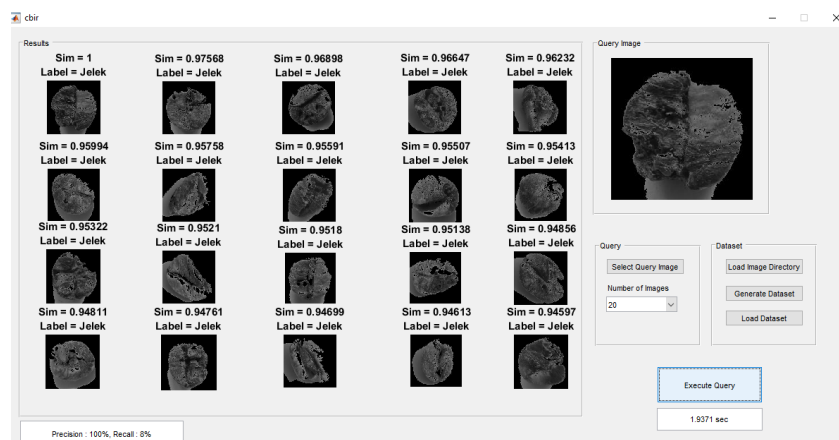
46. Pengujian Query 46



Precision = 85%

Recall = 6,8%

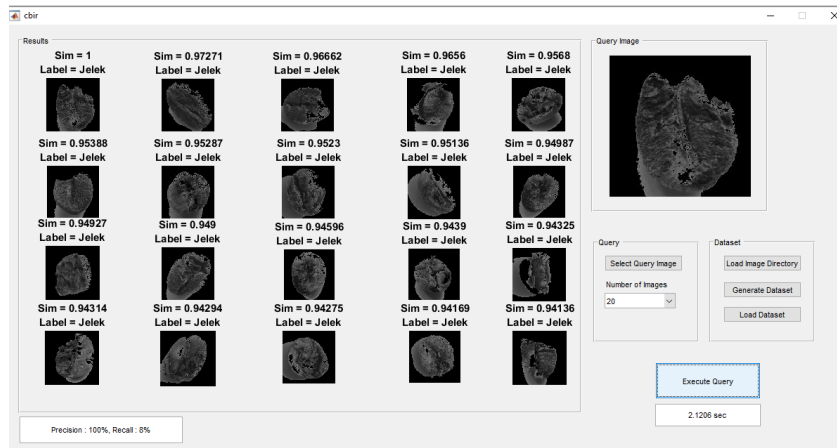
47. Pengujian Query 47



Precision =100%

Recall = 8%

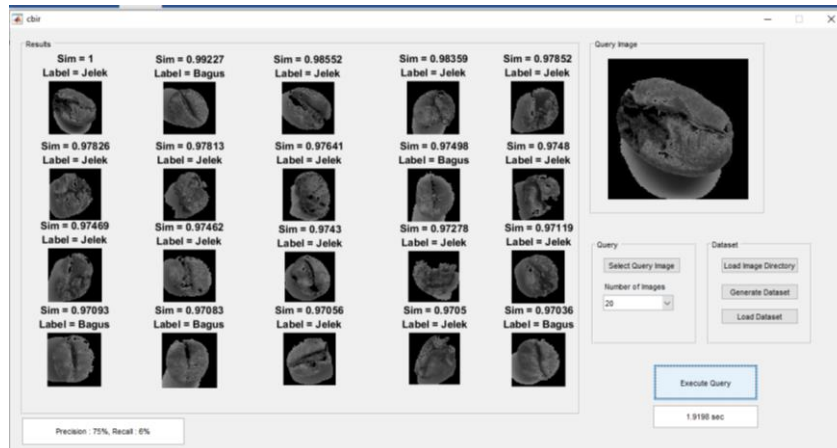
48. Pengujian Query 48



Precision = 100%

Recall = 8%

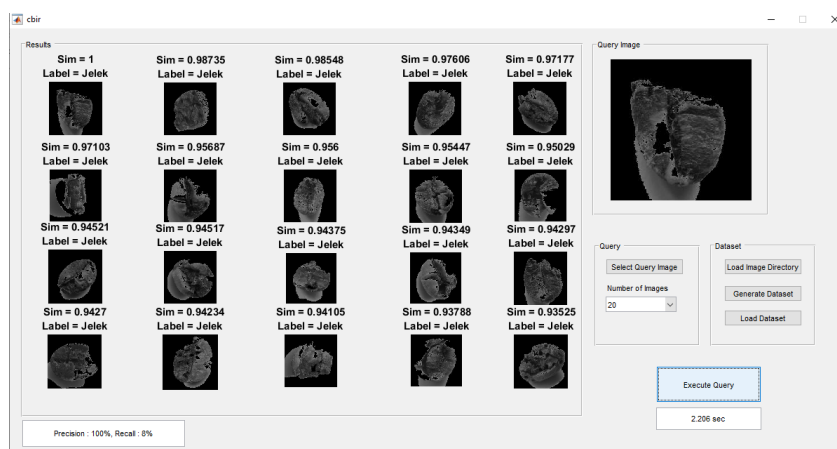
49. Pengujian Query 49



Precision = 75%

Recall = 6%

50. Pengujian Query 50



Precision = 100%

Recall = 8%

**Dataset Ekstraksi
Fitur Tekstur**

A. Fitur Tekstur Biji Bagus

No	Contrast	Correlation	Homogeneity	Energy
1	0.238193867840841	0.948898294917015	0.956929435546738	0.270480271928325
2	0.217481314817503	0.957480765495817	0.950328589323828	0.232994686826924
3	0.268309140175158	0.937946319131311	0.938264983898109	0.254617564322135
4	0.195096369413397	0.939450916908827	0.959286914458369	0.313276460888220
5	0.292949597587136	0.951870184571318	0.950602701108507	0.258239516289287
6	0.304597974226222	0.927976452861891	0.935408622710387	0.264968333231971
7	0.283819938388091	0.937440579333343	0.949239150443810	0.266031171501502
8	0.543672924630248	0.841282389698679	0.878809693929668	0.207129338976580
9	0.253230899501621	0.923077811114384	0.941684916641129	0.254699693944486
10	0.410911162723182	0.938148135009177	0.931233558214499	0.197732291596566
11	0.281798793567846	0.923338154851407	0.938927478589055	0.208100838655312
12	0.271444202512863	0.921614043018954	0.941600964769385	0.217879807851008
13	0.427677843905744	0.903460326885641	0.903385890626956	0.195069024068671
14	0.355174642344478	0.909684023093429	0.923249946775052	0.193318969228219
15	0.300096014580410	0.921763473104454	0.931866968274705	0.217356915751607
16	0.247211819164207	0.938306676443898	0.948927926700107	0.312099433862320
17	0.366359945807326	0.913689734827892	0.925349201625780	0.231716007338982
18	0.330108965984420	0.915100840488667	0.932108512228297	0.223147510631307
19	0.345352784632506	0.933850073868901	0.933927156474435	0.220086866616759
20	0.339781680940630	0.953653353496092	0.940328433604374	0.321421024582954
21	0.268827115691682	0.918940761976123	0.938715884152406	0.240096423363665
22	0.289122530281770	0.910268007702548	0.932479693069466	0.270201103752418
23	0.327530055966839	0.861728336514500	0.913803026026462	0.220094140495799
24	0.241159658715182	0.941475060437671	0.951133838970339	0.312983034828427
25	0.283923985097015	0.942386778328430	0.947931609974033	0.238255652224796
26	0.236991484008322	0.935766178724667	0.951884962070504	0.292068488645606
27	0.326500217738424	0.894682185455701	0.923802211523470	0.230565637335310

28	0.304424896372639	0.934239765302082	0.945475617866378	0.241468656616335
29	0.253472298833890	0.929154380308329	0.949603082745977	0.239678801614435
30	0.244004241867067	0.931299578389937	0.951692620011505	0.266851892410052
31	0.335483766390865	0.922150475887199	0.929628793544805	0.219602445227198
32	0.346825567329559	0.946667020178248	0.943426640468933	0.269945233000869
33	0.324051112078837	0.902324525587012	0.930613941441805	0.279961942784101
34	0.403467347300850	0.926925026476438	0.924227229361124	0.235222927308012
35	0.416511136917147	0.938003710267962	0.915449367905740	0.228135448670553
36	0.260033483330914	0.934456014181254	0.950963046294952	0.250367807796115
37	0.380623393171078	0.883498904516123	0.901805475180508	0.228901905918496
38	0.235966387638909	0.936512462604699	0.958386434358586	0.321519153330532
39	0.244745746036354	0.945439337454510	0.953344310575636	0.258861715702046
40	0.296495750068547	0.930271523264661	0.942771119283022	0.251173017974516
41	0.343202787051822	0.924374668081599	0.942286337048327	0.230482774198844
42	0.453766326349575	0.863097700299640	0.906760121610942	0.228462199042125
43	0.404823712520766	0.910746410322217	0.927122887802885	0.249124221035512
44	0.435930114030419	0.902836651847599	0.902160935307495	0.215763153783588
45	0.339310704666054	0.918436118454342	0.934272522755009	0.241382931466663
46	0.377862598990339	0.914479223121295	0.927532576049081	0.224395639559795
47	0.280778132610764	0.938021942009233	0.938319366085493	0.232789345533346
48	0.369648118578733	0.895682695408317	0.914115481393925	0.207268227149198
49	0.267914436863922	0.908718372912834	0.942249549200819	0.329471165523021
50	0.345752342704150	0.918813978283410	0.929283187099133	0.235511104512440
51	0.369683134142998	0.919223015009338	0.901715502438133	0.206828959148247
52	0.326014483637361	0.940096151144639	0.925869926944343	0.205598056124024
53	0.456447218593248	0.907188240770821	0.915113101939216	0.246132318524253
54	0.405127078595507	0.935418695748433	0.927695880442789	0.287278224919311
55	0.382978161642554	0.953667942665141	0.939531902096817	0.237205152893048
56	0.370304978951952	0.925420317216836	0.928233760515383	0.230736541982612
57	0.321393138820342	0.938618740387907	0.942575090532334	0.209158967010346
58	0.319738504217674	0.944408415620394	0.930821151847781	0.253689222257026
59	0.209088417928743	0.961731516822749	0.948883067016584	0.200209259080577

60	0.380476347155691	0.939221113097393	0.936238502259180	0.341860230205385
61	0.397740342897695	0.891497934121891	0.935790454455036	0.244695257169565
62	0.348380413219142	0.903577592684438	0.938286364467240	0.250245363691676
63	0.330377139078402	0.916903063091096	0.929918154814707	0.229747028094435
64	0.313319446460541	0.950663160703909	0.945091664880981	0.229546885849661
65	0.389998112933662	0.906010825222067	0.927042657645307	0.265646196927074
66	0.380476347155691	0.939221113097393	0.936238502259180	0.341860230205385
67	0.377892727536653	0.926606408667336	0.926526145546039	0.271904710780025
68	0.311331994645248	0.938236759661846	0.947049177739837	0.307465823309350
69	0.274113482040612	0.930682632745729	0.938611203851551	0.256190062089236
70	0.380623393171078	0.883498904516123	0.901805475180508	0.228901905918496
71	0.289146965371526	0.933173916332609	0.947960868641904	0.214459857556904
72	0.356046966984403	0.912770896949461	0.918081116971232	0.252087599470735
73	0.207058595829100	0.927900875948555	0.955120406928920	0.287206578339249
74	0.359259028080192	0.909265384700627	0.930213153551287	0.204638893290587
75	0.206742794471057	0.944162258032435	0.951984378208953	0.210002312652220
76	0.260496782309963	0.909969511752044	0.941574172997210	0.229352968482348
77	0.380623393171078	0.883498904516123	0.901805475180508	0.228901905918496
78	0.237150110482089	0.945152598117679	0.950271763627469	0.263744938757187
79	0.295078547120208	0.901736360864147	0.928655197765627	0.242785351673706
80	0.250397187142143	0.934086066975331	0.948088864426918	0.268172827379792
81	0.370786374413316	0.900326433563802	0.922438278952490	0.258491663229013
82	0.314595732326898	0.901541853920056	0.928031742229964	0.252521204996190
83	0.341450218544862	0.854244454508645	0.912073385375505	0.219186403433083
84	0.288242060611926	0.932016719733464	0.940581367773638	0.238965794109219
85	0.246116852953985	0.930354280709314	0.939820771170357	0.225930326766052
86	0.260908678892276	0.915539538507363	0.933628987435687	0.243261271516291
87	0.209485508298253	0.949051009677971	0.954742751192185	0.251676370534864
88	0.250397187142143	0.934086066975331	0.948088864426918	0.268172827379792
89	0.245204335413945	0.944721945224216	0.953209090713591	0.275152216574747
90	0.344593958161965	0.894686719246867	0.914227376977791	0.249351252842287
91	0.320799729036629	0.936907362142550	0.940741002833288	0.264351982009773

92	0.361659521620619	0.887053126483216	0.939710748482551	0.252323640383674
93	0.301187529233400	0.897948106687265	0.934551977387461	0.224743756156170
94	0.540970548862115	0.865616333155592	0.903792147707295	0.227126485030897
95	0.740312172384316	0.811083734867332	0.892729872905276	0.240523787106733
96	0.291980661602232	0.894409343142370	0.932419695381257	0.242458877315693
97	0.188769648876631	0.939572519400986	0.965004950457788	0.3103141639᳚᳚᳚᳚
98	0.459194738794536	0.842377303644196	0.901587755573835	0.2221731436᳚᳚᳚᳚
99	0.344593958161965	0.894686719246867	0.914227376977791	0.249351252842287
100	0.541860534507508	0.865550734799504	0.901320705848831	0.193495872424001
101	0.512054466863438	0.919646470249225	0.920303930044139	0.224417666349335
102	0.241844260576442	0.896477942821675	0.941592896619947	0.239912039914617
103	0.461084030902727	0.922214975647569	0.931390971420584	0.207569600909612
104	0.261325930226932	0.925111909582712	0.949460361123208	0.267032567725884
105	0.417875953613651	0.868799334638985	0.916107617887883	0.228651548369787
106	0.268106885372817	0.893411678393418	0.940908040999339	0.264125885346196
107	0.276849695972646	0.926799812180785	0.949372092385607	0.239675574003543
108	0.336927694714601	0.905032731600181	0.930355216044902	0.264213909804304
109	0.343609135336527	0.880470024818937	0.925580838749913	0.244259154134374
110	0.262964113482041	0.912633841922757	0.946749277968635	0.261115109571095
111	0.406194674279447	0.888703511937718	0.924520761493094	0.236026712057309
112	0.371668989209851	0.893784382060521	0.936479177755197	0.266091122719387
113	0.229199932259157	0.923705030466887	0.957136161244711	0.292089995530173
114	0.208697988742117	0.933470110548572	0.958435039488610	0.294648944464274
115	0.338993822680279	0.915193280400316	0.938399805110670	0.244447103499178
116	0.380134868792439	0.919950657761384	0.927815357547997	0.205512896460389
117	0.353615296527475	0.911558829497468	0.935876631828519	0.225697581214880
118	0.419221189980807	0.865147448873763	0.923029996290382	0.240005390227296
119	0.389263915098144	0.878646350207093	0.924521716047591	0.249140753164113
120	0.382684085740553	0.893140932432742	0.936412910006828	0.253704716251859
121	0.381889808228900	0.886347188195461	0.936789838067128	0.293515306150604
122	0.396063773164949	0.881164432190155	0.920197105423031	0.228056908821401
123	0.354588442121901	0.894103076456548	0.936624979435816	0.240859299272295

124	0.301574555249109	0.929166160442534	0.940433781713198	0.219939504251202
125	0.764077385848615	0.843448292207445	0.889827867292463	0.231902140116330
126	0.470193706553120	0.896223412528620	0.920219792153890	0.263675386144583
127	0.292678392283995	0.893897775507705	0.937275723241023	0.256496902423997
128	0.477983387364720	0.872420195846063	0.927004695085563	0.262035441031473
129	0.267814196545217	0.917752909199132	0.947210574291812	0.225718769339247
130	0.344566845696037	0.905168163122643	0.937069079799788	0.262340572165294
131	0.417173932678505	0.855391741871076	0.930627009241787	0.295223104466986
132	0.394664086063128	0.924238775128525	0.931021295470657	0.243930200404388
133	0.500809325656038	0.879916784984083	0.923049994354930	0.242095626024915
134	0.323228464057031	0.904910176632429	0.939104323586179	0.260971575318458
135	0.458163900582249	0.871591333257295	0.908257818959909	0.244600751322469
136	0.425932017225529	0.886462373923816	0.928057836970371	0.227679708014231
137	0.265213157852293	0.934670753403688	0.954998230404886	0.306039052368863
138	0.327585409912743	0.911351584414323	0.929480843588544	0.291678661350119
139	0.309365026370542	0.924595050045330	0.940750164782289	0.264192213222200
140	0.240140207416009	0.931325865102429	0.951783395966732	0.302309606652225
141	0.175505669263399	0.904604597668894	0.950416306457423	0.257959616689154
142	0.334530281769649	0.905578175963616	0.924662855169003	0.237354745471687
143	0.598880163223174	0.852797250660161	0.925236860158170	0.339971628959795
144	0.332172013354623	0.973623979339038	0.959112422764303	0.248072010571334
145	0.411279818067451	0.899098619553396	0.930408239114423	0.262116995585948
146	0.321404380574507	0.977280398828848	0.964658827161774	0.323669585559788
147	0.266597119401300	0.912843902795413	0.952697947882561	0.289245748061917
148	0.452225980226125	0.889085215125099	0.918391880507304	0.268645594507680
149	0.488410799825809	0.879819998005945	0.918857320312038	0.261741874939860
150	0.513226206028935	0.935524926031899	0.925647502075619	0.395739784848921
151	0.316094562990920	0.890047221429227	0.955773062531250	0.486598742255572
152	0.486858082934146	0.867834040474508	0.929898719375494	0.322464223568001
153	0.606374493959775	0.877020597903305	0.912910851169067	0.211828845552049
154	0.392312382058354	0.915907774570577	0.925728426423230	0.238406297229234
155	0.366491992064644	0.928288211530880	0.949391255248571	0.255331136567459

156	0.763632328510830	0.843595639682951	0.889305155369998	0.187846192797009
157	0.427353284624442	0.949887726933508	0.941899205523567	0.264573536776658
158	0.726204222512540	0.864928078052367	0.914404343555135	0.282367694552072
159	0.352336639731617	0.918335140489520	0.926194224094696	0.269407110339253
160	0.420569603716069	0.935295594445653	0.947306815059051	0.272788712335085
161	0.390927646328285	0.892914758739162	0.924985263947356	0.222210537491722
162	0.561333768810181	0.888010950560345	0.922262795761359	0.242730091871802
163	0.731689730810793	0.854796119467314	0.907751599782185	0.246693580440465
164	0.346885017983581	0.901126829872819	0.938459663285001	0.270049282006630
165	0.647287043757359	0.885064357382589	0.912843385475350	0.235144595784473
166	0.484952710440154	0.929890464431202	0.923672891796676	0.261484026966836
167	0.277894969435977	0.915305544436300	0.956519358558733	0.349974908128862
168	0.633123014144933	0.879178948416943	0.906345710553056	0.233165309650674
169	0.671678650344349	0.868935411834730	0.903671678721004	0.206873960755863
170	0.614203270914985	0.905078202874115	0.911471129497911	0.203266111330402
171	0.719749633070435	0.842570694382519	0.908429914302457	0.220113123473455
172	0.618934355897486	0.890573168461710	0.917603102100504	0.241065893230307
173	0.485977758423251	0.850153437680732	0.893038967113434	0.260773551088900
174	0.414954274931049	0.886491459774850	0.935824804976264	0.323364064328373
175	0.565709375655231	0.856638293683957	0.898559703069305	0.241929141036201
176	0.263380090643699	0.894281183786427	0.954521833787627	0.293043374333218
177	0.508543878324543	0.916574557756092	0.922915405780706	0.214115318348302
178	121.340.655.795.874	0.871774165673788	0.908450858089079	0.282897882376562
179	0.942192674311705	0.913451563934531	0.931620978885901	0.294376359860571
180	0.529786777632619	0.909555793359400	0.932003612153721	0.245795089060508
181	0.288184126062483	0.891799113619311	0.944639537534341	0.304862248359396
182	0.0657439396138772	0.774121990108989	0.984345014865352	0.872123516179635
183	0.366547668585991	0.914080912122359	0.940107671573654	0.251018560957465
184	0.334532168835986	0.907875355756829	0.929456093181293	0.258536994486821
185	0.234950097579071	0.880410719182657	0.934802464745192	0.261351876904537
186	0.200108288575991	0.919350405460856	0.948228729644145	0.273337605304139
187	0.582580426122159	0.900466468379549	0.907562953362503	0.197009639952203

188	0.673697101659651	0.867359572293905	0.914113528353230	0.256351882694350
189	0.362797100046773	0.929269151986310	0.947620658384158	0.268079496142801
190	0.547504959597426	0.905968549196975	0.931743766037568	0.258600119032127
191	0.481468976306834	0.907859219789199	0.932867761272668	0.253590425549480
192	0.553538846147643	0.908007106540459	0.931156268600891	0.260831793731384
193	0.169517781971259	0.929662669869488	0.953499084154557	0.285845971536299
194	0.198884082514798	0.900040397826722	0.943647051122831	0.275877044779012
195	0.470564732826890	0.881992929743605	0.928979283398655	0.245146437495019
196	0.443055273302044	0.904710886331376	0.935940831599490	0.225289317551036
197	0.234587232463993	0.913207897476674	0.936222960919985	0.253724605140274
198	0.297233318817438	0.931841272880796	0.955097371547771	0.273214998068304
199	0.477578071321430	0.872864267405940	0.922565436847793	0.229808377957335
200	0.320300204835406	0.929071927806776	0.946271611748198	0.284139941813160
201	0.458378397122627	0.918331247584378	0.936495021662477	0.222148438986908
202	109.038.121.965.775	0.831096963620071	0.891513492677922	0.219137898265764
203	0.325346236351027	0.910200304024395	0.936916547313753	0.309547099332218
204	0.404699633876873	0.905885170574873	0.929385750229835	0.234702379568522
205	0.531148642763826	0.905233630740707	0.921943771145012	0.238338763239196
206	0.177508378897115	0.883756267019141	0.941957779175605	0.273232079894511
207	0.578676827793100	0.928027129564385	0.936593426392508	0.271647306537402
208	0.591049805648296	0.895914152994060	0.923860444570403	0.247701870703716
209	153.624.327.026.983	0.754020735370280	0.822673767819413	0.161962201953655
210	0.707778535830067	0.889031384967841	0.902111243981472	0.234685668839318
211	104.169.869.840.809	0.887947714545427	0.910452063138767	0.231327007912998
212	107.442.060.611.926	0.835906782728253	0.868731151609690	0.189761602603489
213	0.586977290688860	0.910813436045545	0.922225291565958	0.227691395165614
214	0.426488653408816	0.920055511221407	0.928086624946910	0.262044363329615
215	0.491563007048273	0.904505674640642	0.927234126177688	0.222721487358049
216	0.529341010628861	0.915375307893373	0.937371448732394	0.298649291543771
217	0.479473653650747	0.895213828113715	0.923344071332183	0.224725014883931
218	0.476824067353752	0.908272265951433	0.906898689345256	0.211007853153261
219	0.885188496959726	0.867332192771910	0.908112389085890	0.209151092225866

220	0.609482443831551	0.872517049717261	0.914258705773563	0.207208146039316
221	0.393575410074031	0.920143437244738	0.941451380891706	0.251120369542175
222	0.672105417654554	0.910845685821597	0.915386378215098	0.274130071350112
223	0.424311011112724	0.939682762203817	0.944774053029867	0.245851001018287
224	0.570390493701715	0.905240361232804	0.905339820671095	0.242799141141426
225	0.210583345429912	0.934850196275860	0.953420565259700	0.283039131197223
226	0.380134868792439	0.919950657761384	0.927815357547997	0.205512896460389
227	0.383721939968710	0.920143601855361	0.946677028596313	0.275063731893556
228	0.457147142788020	0.876086340435206	0.913716429842529	0.246417852551769
229	0.487581055144272	0.904438191323361	0.912985493782358	0.234100777208647
230	0.221469976290705	0.915738510737145	0.942985178196051	0.234812454124794
231	0.299356945855712	0.886887571319421	0.922335581952979	0.282268874355267
232	0.241904840244512	0.880244112048429	0.926604537561222	0.228245327263269
233	0.221616135223625	0.919428014980646	0.943039807422461	0.294399603031865
234	0.255765487653425	0.923816518711161	0.940310217845949	0.256127919192211
235	0.352082724472186	0.903945917869077	0.935409117863691	0.219085501425345
236	0.263882840599345	0.906492187133187	0.940841475675124	0.283088184990800
237	0.705704569281141	0.817637865409794	0.873731346806234	0.202581352669101
238	0.302486976016516	0.916670558416254	0.947463525857110	0.276576491458956
239	0.545084337349398	0.890453912327587	0.920332191953893	0.263880090930594
240	0.421527007628909	0.922032099328711	0.944922945098428	0.290517785674921
241	0.268309140175158	0.937946319131311	0.938264983898109	0.254617564322135
242	0.292949597587136	0.951870184571318	0.950602701108507	0.258239516289287
243	0.283819938388091	0.937440579333343	0.949239150443810	0.266031171501502
244	0.410911162723182	0.938148135009177	0.931233558214499	0.197732291596566
245	0.355174642344478	0.909684023093429	0.923249946775052	0.193318969228219
246	0.346825567329559	0.946667020178248	0.943426640468933	0.269945233000869
247	0.267914436863922	0.908718372912834	0.942249549200819	0.329471165523021
248	0.370304978951952	0.925420317216836	0.928233760515383	0.230736541982612
249	0.323173352042709	0.935107299055922	0.950007485631952	0.298300630760176
250	0.273889743713811	0.930568273830987	0.950501919592695	0.345844579275506

B. Fitur Tekstur biji jelek

No	Contrast	Correlation	Homogeneity	Energy
251	0.424744729923711	0.919576169386756	0.923132852695924	0.216324658822047
252	0.512903453170110	0.884640816266390	0.907479772100450	0.207177744103830
253	0.423821389977581	0.826865573798338	0.901725089917905	0.251292900495662
254	0.243328526959243	0.929235256289043	0.943763711606802	0.334485704444966
255	0.280040128385026	0.917829173551946	0.934981752982479	0.304368138065255
256	0.504996225867325	0.834064196490483	0.887104730300049	0.208918951560637
257	0.244566765052177	0.868793343576991	0.931098350295425	0.314201606791308
258	0.238109869195658	0.924354951461224	0.935307135637597	0.333323089220478
259	0.247497169400494	0.880215647259018	0.937043358978081	0.360028935973334
260	0.410002983822842	0.852756923564139	0.893931752176040	0.221341024282050
261	0.338980645473460	0.949817251602375	0.944605693264548	0.276508372191841
262	0.228624764116708	0.912268913833136	0.938067853206669	0.362487867794837
263	0.257277624554443	0.844683141895318	0.927223023284571	0.319436592549174
264	0.323858373252044	0.842056029355551	0.915981486051300	0.285625375766111
265	0.430557716811019	0.924748664629649	0.916379900132179	0.223908059998969
266	0.347498508088579	0.902359325277547	0.917588067127950	0.222885438158843
267	0.278959387751810	0.896691517962663	0.932908140997726	0.257903607514778
268	0.230562894146869	0.896907449113701	0.940704626269469	0.384304962292883
269	0.413989790487250	0.912243680108758	0.901454735138681	0.219797550938928
270	0.290918920662570	0.876191987220112	0.924582677698747	0.346844349643779
271	0.279463298979049	0.889145476594715	0.929546705698295	0.412543768040232
272	0.535974693956549	0.858219075295378	0.910265363461880	0.226778514112966
273	0.237352816890050	0.870074297776807	0.932409559523234	0.346420719693397
274	0.573982274479444	0.858171762189942	0.897899758068418	0.214326339997905
275	0.430773632683344	0.832105295283349	0.906582747052467	0.258855720631803
276	0.610732955920066	0.817450283741239	0.869943066240867	0.175962803667381
277	0.431129933388171	0.912183292825234	0.931610368112342	0.281799262356436
278	0.300990354994274	0.844120471333705	0.914556717095961	0.249792687236141
279	0.298918598087128	0.845497323825337	0.921362412971834	0.331625805931567
280	0.324414364284447	0.833427178188557	0.907007768691903	0.269686589406417

281	0.349763842518669	0.963307865011052	0.926620293489890	0.194375106752925
282	0.422670811761101	0.953965131681495	0.947734126062483	0.301983484059399
283	0.395251092724311	0.902413177035696	0.916518490830793	0.246285964838525
284	0.459014693311398	0.905071857502287	0.911073149127395	0.203126579569429
285	0.458822518991629	0.823715304503259	0.898297248162664	0.314284983903228
286	0.504580974500411	0.810820288886458	0.863171815239539	0.192830787990369
287	0.495035031693037	0.829067405446748	0.906689381891690	0.283065862054046
288	0.228097708101482	0.845532029135324	0.933121334064504	0.404294658578394
289	0.294392154965243	0.893309672525058	0.921387664715085	0.315891733980050
290	0.411731601103208	0.856255882157585	0.913340476497691	0.271024823732791
291	0.333977984226061	0.917188417702855	0.923682494905996	0.249835252068012
292	0.367672860115159	0.800886534643990	0.897051303473600	0.271231245807186
293	0.498380493863002	0.854841716090795	0.899758694752235	0.258114895285259
294	0.432260737730037	0.919231119670714	0.931343771337021	0.246711655324981
295	0.286404009612748	0.805142263215505	0.915538144277243	0.340576153515015
296	0.304191609812745	0.884371221988515	0.914564379337968	0.280519229303276
297	0.263083143820261	0.835055314923856	0.929063103014468	0.403008207798804
298	0.406547604070902	0.831584908982512	0.897313990634560	0.307958697955053
299	0.215855744262189	0.851819317345325	0.935424259554953	0.453419325734595
300	0.434156497475847	0.867642393305782	0.902659698499487	0.306673919290886
301	0.602664908630506	0.760815499348649	0.883889302054268	0.314980622219871
302	0.809830131772068	0.794199299311148	0.872609631565082	0.279734659749168
303	0.408905614425574	0.917674534445740	0.917656789406623	0.294264071428247
304	0.382911453041080	0.819469660352570	0.889973586716343	0.257377344179161
305	0.323009064369930	0.857177078299717	0.906675119218507	0.227916713528615
306	0.450461460299027	0.884608183018182	0.903365983344355	0.188450496075108
307	0.311900501604813	0.861283473503625	0.938169794035580	0.401628895025256
308	0.594865082821245	0.744722012433497	0.871103825744746	0.280564186540450
309	0.312250431444654	0.821461135249159	0.915069701832766	0.289278155526209
310	0.353494879114853	0.806842156543367	0.907118412337435	0.302770196091035
311	0.347883905098305	0.834912081618054	0.914477740412789	0.345130921137461
312	0.280457976484250	0.896178948720051	0.920770959608178	0.333518157672009

313	0.347121288366317	0.919200705667841	0.918282588184062	0.276179351467506
314	0.259535330075321	0.868173439703318	0.928912208674054	0.353940094887719
315	0.481249270173062	0.908050822342480	0.915232277897208	0.279739219977825
316	0.303387090530798	0.827145329621360	0.908961365945711	0.289600505699810
317	0.364050563700586	0.846232654483203	0.908339144798740	0.239278302096663
318	0.213585200238706	0.901763751229084	0.943744979650866	0.277241252868527
319	0.485770358542604	0.854750008764456	0.886322117654016	0.194177439018562
320	0.448612683666393	0.825030240154459	0.887038214975027	0.218652656411317
321	0.428795519427106	0.876504611375465	0.905778534486003	0.240134465924877
322	0.332603587038919	0.853101353872731	0.924502244587453	0.255679872529280
323	0.456236351026596	0.905579695860436	0.905800092471627	0.284157857722163
324	0.352340123546394	0.859242178281758	0.929693751444869	0.393441115320201
325	0.241756294253318	0.926227187187562	0.943398719644307	0.275120919466294
326	0.312311027241496	0.808568861913191	0.916960874824600	0.248347334563409
327	0.318641876743923	0.936521833093279	0.936570633845383	0.216974476270040
328	0.484557813583652	0.914699670853821	0.910389865601246	0.203099365482886
329	0.258666360219996	0.848989568869564	0.926271569813390	0.375601101293469
330	0.330075353623329	0.819192364663461	0.916413223442633	0.295084243875168
331	0.276884501862873	0.774271865742234	0.927411330731225	0.343917241380876
332	0.432742068676312	0.822942035499918	0.897588020623323	0.262262346533367
333	0.373905791842067	0.876896176034849	0.929842230232846	0.355911083869216
334	0.403376655215238	0.824424215319905	0.910424088052343	0.241124139766466
335	0.499319236786503	0.826400358811141	0.898879008403090	0.205787751762633
336	0.169815438460670	0.881394682299525	0.955983993268926	0.491875049851935
337	0.182292704956372	0.823322321573530	0.941625766788708	0.378333939716894
338	0.364924033483331	0.881339116705767	0.932660631817766	0.347318089301765
339	0.333400541926743	0.881747261551483	0.920707275689102	0.256732006953435
340	0.156052257221658	0.845604994606813	0.955742663559190	0.432400779266929
341	0.526373445589587	0.817099674031516	0.893626467583856	0.236903630646653
342	0.0392649795971033	0.957489273932398	0.994132722513692	0.941484281071731
343	0.472257915194916	0.807389667883582	0.902142261683951	0.228107603263307
344	0.457508362768342	0.940596098674167	0.922071200387705	0.285759190479400

345	0.359307898259705	0.781740796057961	0.888361362182330	0.215071588759622
346	0.281187545362172	0.943587408669332	0.944664701644597	0.259423326636373
347	0.336047112143353	0.826248349992394	0.914676900910201	0.267724572848806
348	0.499022935113950	0.867329603708542	0.902866145438514	0.275367412485475
349	0.500179448718569	0.868645697829118	0.898752071203153	0.283901349642820
350	0.394652876566507	0.847370630096689	0.921765983613168	0.291062966954163
351	0.598981742229964	0.835041513269560	0.898985005618189	0.247087061029969
352	0.316482879308398	0.863561742883400	0.924348129331247	0.288022065411111
353	0.388391800132256	0.849433477365026	0.914452822535120	0.280655173684314
354	0.326238802599958	0.919198549075197	0.931462413509460	0.241158876127324
355	0.377947404074128	0.868658521999957	0.920097158110353	0.269618386204854
356	0.396110740149352	0.896931611089227	0.934776870803159	0.295578979322604
357	0.476332236576829	0.911188249352863	0.920519184444798	0.250754108958766
358	0.486254512024000	0.903298543396860	0.916163287496899	0.189270661463566
359	0.373556813599781	0.901797240866809	0.931561839593985	0.298054648025392
360	0.319403025757649	0.853357956737564	0.921729947366440	0.245602908816801
361	0.380987661489331	0.862389033150024	0.914314080955684	0.281780996549996
362	0.315743810583700	0.868835392825008	0.918787390525959	0.299279509159740
363	0.459198932275286	0.821610658695320	0.892674874329984	0.262055349735499
364	0.379234641376752	0.842209209201610	0.916260879125606	0.288040407764365
365	0.579740455799100	0.791340644168998	0.894077554125471	0.244849840096731
366	0.233590684021225	0.882711834827191	0.931246815105133	0.310799203133941
367	0.646767116659409	0.791218014895982	0.888125573512255	0.253554294110718
368	0.429456541023532	0.792639796539575	0.879275555232980	0.214239569997811
369	0.561607538588087	0.782064899051041	0.885664296005978	0.233180443522622
370	0.604403670908534	0.869498508323566	0.905350329564577	0.219771994378557
371	0.403774826212480	0.913144406928965	0.927409706295060	0.234491506463037
372	0.563098466153772	0.775328338403402	0.870623374354177	0.222060890142023
373	0.286374477831003	0.874902432197169	0.941678034225254	0.322805340205934
374	0.305872534313963	0.859249129219878	0.918156573818702	0.243805952917725
375	0.311093933968807	0.912972939558248	0.934114653795907	0.255900513113871
376	0.491717778745504	0.824805951530327	0.894503812304103	0.260300022720465

377	0.333695762971565	0.862847336544876	0.916527333698919	0.309402683957768
378	0.353390896921017	0.875725592247742	0.911865952162062	0.250892286344036
379	0.293062853824938	0.850148642322452	0.940677895249001	0.390262078099577
380	0.348044063805422	0.850739111215571	0.909195210829933	0.302872109852658
381	0.345362703827358	0.805240686371637	0.899148177448751	0.239043981469564
382	0.404231964000581	0.831166586624133	0.910549236840266	0.318878526597840
383	0.399092450121772	0.857891249110514	0.903938231372612	0.201419376361767
384	0.419935372010129	0.868491078729411	0.898184804546163	0.187311999797451
385	0.527978774535895	0.921808024488835	0.909548260166311	0.268722404840561
386	0.296897808099869	0.845651228270933	0.921122051794863	0.277082566108456
387	0.387328043096079	0.880581793626079	0.909017086014742	0.230409549537727
388	0.383298656473283	0.904417773074135	0.918108796901125	0.283741053450358
389	0.388194771052080	0.831636922057564	0.905561971581103	0.234382888945691
390	0.469151884647022	0.928731846373148	0.922942165640954	0.284721418402424
391	0.334100288705021	0.854294483731292	0.897484897555416	0.236801250119405
392	0.307255205561201	0.888020130216497	0.915089247485256	0.251469870641926
393	0.377216044902502	0.896457833948298	0.914632967747832	0.238576034029021
394	0.263325107659554	0.820146263006317	0.931499572587539	0.396426962998612
395	0.303427606006355	0.842705212002812	0.918293134519336	0.280977586056526
396	0.318267286011516	0.856069535732253	0.913680748159976	0.297622803526729
397	0.247861808680505	0.891347307964671	0.941644045794960	0.354646524876162
398	0.227075434267189	0.925212538855052	0.936021321967925	0.343084918914179
399	0.314532426896340	0.870139357964571	0.915450799449471	0.254300471133471
400	0.519628296317801	0.870522126548990	0.900791131057026	0.233845329322874
401	0.363907356332962	0.841382888099340	0.917580501658576	0.305853607732303
402	0.481345526685053	0.805295883213346	0.880784092460874	0.241425805765747
403	0.287549104046709	0.900496850385071	0.930156138879481	0.265581457744579
404	0.365909775648780	0.852090805318543	0.894585545932055	0.206681656690283
405	0.494917388429219	0.914995654083445	0.908135784484275	0.220816839858009
406	0.301582974468154	0.874622192567978	0.919330254888362	0.266311858829472
407	0.323657844228319	0.875777633929754	0.912331629866185	0.222053686142321
408	0.478994145255722	0.851314321005205	0.901903401020414	0.234084081377428

409	0.472778761632877	0.909651482180705	0.926728730258575	0.269948179809722
410	0.488019999677425	0.834435936487693	0.887614913200325	0.233440835853923
411	0.516476637473589	0.836957404907634	0.893328175083198	0.227561139419382
412	0.343018999693553	0.847381829604505	0.927358241264926	0.375313353667074
413	0.710103078982597	0.877699731193190	0.893239960914609	0.172240339679858
414	0.383422186738924	0.922365073138544	0.924664855136745	0.269999054321428
415	0.656452041096111	0.927530647319178	0.903453885555609	0.257751773276119
416	0.511886114740085	0.904964406796388	0.908353590418281	0.248748657132231
417	0.398015693295269	0.860217065896970	0.897521612285823	0.223899006853233
418	0.349312301414493	0.907059063924173	0.926365157551222	0.330422611957575
419	0.323507878905179	0.918526516757341	0.932436398068849	0.277497945943254
420	0.532751262076418	0.871968619368070	0.912955353945904	0.302360711637133
421	0.361249915323946	0.924925808608153	0.927566100009140	0.328018143016643
422	0.294724907662780	0.810843311944487	0.920518919318506	0.281191745047292
423	0.161068353736230	0.896016262210789	0.954870444025096	0.353477531208713
424	0.312337704230577	0.859465074798496	0.918308298790880	0.284711716307412
425	0.291596280705150	0.852402672070983	0.935417181443310	0.306773075333720
426	0.423690811438525	0.886025755656962	0.909404594280737	0.250187387827310
427	0.328101546749246	0.888513881977337	0.920595013521287	0.253597712451701
428	0.337587571168207	0.853191694282037	0.909244874545034	0.255130034839488
429	0.411478201964485	0.825786094391822	0.897836520378703	0.221402642485468
430	0.734954903953162	0.840794186665240	0.868080028010301	0.253531792502892
431	0.423275156852309	0.871587801870144	0.900201439761725	0.240545644058354
432	0.343493959774842	0.900459754518125	0.920297178540131	0.248135020786506
433	0.286551733036564	0.844177762956907	0.912829700327414	0.248821363009924
434	0.276042596087160	0.869668218738669	0.929906920049677	0.269970445087442
435	0.380686553442686	0.839851378865805	0.901151272560120	0.248456341575404
436	0.437405606361188	0.896592216773184	0.916375367332785	0.248743426520737
437	0.329992177545523	0.948272761244482	0.940879036014012	0.266998536910880
438	0.363516798116159	0.857913341584927	0.912116015601899	0.255964109877599
439	0.382936130062418	0.885386244848808	0.915865205399913	0.216562436677201
440	0.272237770358543	0.820518443846009	0.913214776105762	0.260466010408278

441	0.377902582216416	0.890012816484364	0.926863648435778	0.317938659534314
442	0.565736842954146	0.826031632409322	0.887791743412741	0.196944677412768
443	0.275477879389042	0.886766315550768	0.938745802487057	0.324307651317137
444	0.313401832228513	0.881413252024039	0.923103264463476	0.238086826802345
445	0.412678634215577	0.841664416410623	0.918655665768832	0.281018822602099
446	0.231185755068467	0.883992474159600	0.936164526916232	0.293084938755377
447	0.308541571910130	0.874902834620547	0.928810042311146	0.306552611500353
448	0.250917049725004	0.906295857932910	0.937222192115181	0.273910012895360
449	0.221856486185707	0.855191211898475	0.927433761821046	0.321926154365281
450	0.472069756939404	0.803338405361254	0.900324458745289	0.216246788359733
451	0.425066273124627	0.860754506979156	0.913772783234679	0.306406873978940
452	0.326206803116079	0.923766768487191	0.936103146992253	0.263608719974690
453	0.326206803116079	0.923766768487191	0.936103146992253	0.263608719974690
454	0.250308575668134	0.886534641661111	0.927890572463885	0.281722175909289
455	0.260894179126143	0.854920683944848	0.921421609866508	0.266130987809165
456	0.256602345123466	0.934623227170045	0.941034394068913	0.350879037997886
457	0.292879308398252	0.920994354743945	0.927853635962861	0.218679019528900
458	0.321236883276076	0.879826415166214	0.913731298688731	0.223871482520991
459	0.278642070289189	0.947506673787634	0.940180459454955	0.245196440672279
460	0.252330946275060	0.890201213163527	0.931970616334145	0.307299189032892
461	0.501320720633538	0.918692262129333	0.924667947099164	0.312226089451076
462	0.247644392832374	0.905906503599452	0.939410494992016	0.292231945747163
463	0.380499733875260	0.872113456130686	0.912317471492395	0.224577839592310
464	0.253087337301011	0.814195349553641	0.938666203233281	0.332698355388410
465	0.244857808745020	0.856083139089841	0.929833220700741	0.314092115874494
466	0.272550184674441	0.895120027749045	0.926534337080585	0.292356085963432
467	0.324581474492347	0.921974251350993	0.933306269522534	0.243184340343521
468	0.179668973081079	0.882878295974757	0.946703163927464	0.392823539933093
469	0.179668973081079	0.882878295974757	0.946703163927464	0.392823539933093
470	0.356476508443412	0.859033192041273	0.901520225749047	0.207545259238103
471	0.273190658215190	0.900849426543926	0.942583093014629	0.282653302231764
472	0.336308124062515	0.863052388238216	0.927930191717338	0.354459060827396

473	0.286319317430364	0.896894953328691	0.927268871738628	0.260746659873065
474	0.189320688375994	0.940146759852229	0.957399368020946	0.409197282099377
475	0.222493895259754	0.902831856190373	0.940988291586695	0.283158993360495
476	0.251764761858680	0.889636139362554	0.934286672257974	0.265998591931620
477	0.295737052628183	0.926832555724749	0.931071735939743	0.257185199514971
478	0.176204061224819	0.894050952704816	0.948245933398924	0.374955106641908
479	0.402735907485363	0.932274220537540	0.936677121797575	0.309566466436367
480	0.368849825002823	0.931521749832923	0.936427049486913	0.253888383764636
481	0.530094659763552	0.890797977893171	0.900652097009188	0.236123352230083
482	0.526925372171417	0.892483564169837	0.891381605404214	0.228920916317334
483	0.337649054047515	0.869880950704812	0.903297679876131	0.218609102212977
484	0.415433105917646	0.887617245617653	0.899954509335871	0.210161168436115
485	0.290857163594136	0.877804764455029	0.930249029047919	0.306734355395319
486	0.454260334510734	0.865724567795529	0.890036751826584	0.217914406988346
487	0.301237544555733	0.905914317574392	0.932245143089090	0.247693715535870
488	0.411122981887389	0.863628194324465	0.916457123809831	0.258072491420872
489	0.326994500088708	0.911240824689054	0.925805378945501	0.260149211078563
490	0.346505378945501	0.881570807851810	0.915324166276888	0.255556513950446
491	0.287310527249561	0.889291798677670	0.924039760649022	0.285020012235296
492	0.410331446266996	0.910459112724044	0.908814955403945	0.216462436665509
493	0.434518056160385	0.888147764337505	0.913765001102133	0.223640349559783
494	0.433021999645167	0.877897785445686	0.894797143594458	0.243891188723562
495	0.262960210319188	0.853556417264395	0.931613114304608	0.405987772843231
496	0.404548749213722	0.918671729844644	0.931045684478207	0.213026420799266
497	0.341647763745746	0.912467900145794	0.933297895195239	0.303392783644201
498	0.495303430589829	0.939613748679564	0.937258350018932	0.234331034936450
499	0.301244108965984	0.879609924934745	0.938812831244658	0.359629245779864
500	0.232082708343414	0.932579122336552	0.942720478701957	0.315916877192433