objFn after block 20.0623

-20.0623

objFn after block 4.9384

objFn after block 9.9668

objFn after block 15.0167

objFn after block 20.09

-20.09

objFn after block 4.9314

objFn after block 9.956

objFn after block 15.0038

objFn after block 20.0738

-20.0738

objFn after block 4.9444

objFn after block 9.9706

objFn after block 15.0184

objFn after block 20.0904

-20.0904

objFn after block 4.9492

objFn after block 9.9725

objFn after block 15.0113

objFn after block 20.0792

-20.0792

objFn after block 4.9426

objFn after block 9.9651

objFn after block 15.0088

objFn after block 20.0758

-20.0758

objFn after block 4.9517

objFn after block 9.9693

objFn after block 15.003

objFn after block 20.0669

-20.0669

objFn after block 4.9408

objFn after block 9.9679

objFn after block 15.0019

objFn after block 20.0679

-20.0679

objFn after block 4.9569

objFn after block 9.9793

objFn after block 15.0179

objFn after block 20.0878

-20.0878

objFn after block 4.9382

objFn after block 9.9622

objFn after block 15.0047

objFn after block 20.0716

-20.0716

objFn after block 4.9499

objFn after block 9.9783

objFn after block 15.0097

objFn after block 20.0727

-20.0727

5 70 -20.102 0.0215549 0.03125 Refine grid

objFn after block 4.9565

objFn after block 9.985

objFn after block 15.0169

objFn after block 20.0893

-20.0893

6 71 -20.0958 0.00934881 0.03125 Successful search (ES-ell)

objFn after block 4.9493

objFn after block 9.9832

objFn after block 15.0295

objFn after block 20.1072

-20.1072

6 72 -20.1095 0.0100262 0.03125 Successful search (ES-ell)

objFn after block 4.9492

objFn after block 9.9938

objFn after block 15.0508

objFn after block 20.1403

-20.1403

6 73 -20.1381 0.008466 0.03125 Successful search (ES-ell)

objFn after block 4.9225

objFn after block 9.9636

objFn after block 15.0417

objFn after block 20.1423

-20.1423

6 74 -20.1424 0.00873898 0.03125 Incremental search (ES-ell)

objFn after block 4.9228

objFn after block 9.9752

objFn after block 15.0563

objFn after block 20.15

-20.15

6 75 -20.147 0.00787715 0.03125 Incremental search (ES-ell)

objFn after block 4.9257

objFn after block 9.9737

objFn after block 15.0524

objFn after block 20.1593

-20.1593

6 76 -20.1567 0.00838099 0.03125 Successful search (ES-ell)

objFn after block 4.9242

objFn after block 9.9916

objFn after block 15.0859

objFn after block 20.1888

-20.1888

6 77 -20.1855 0.00886432 0.03125 Successful search (ES-ell)

objFn after block 4.8928

objFn after block 9.909

objFn after block 15.0007

objFn after block 20.1061

-20.1061

objFn after block 4.9268

objFn after block 9.9973

objFn after block 15.0944

objFn after block 20.2005

-20.2005

6 79 -20.2003 0.00816894 0.03125 Successful search (ES-wcm)

objFn after block 4.9182

objFn after block 9.9587

objFn after block 15.0555

objFn after block 20.1509

-20.1509

objFn after block 4.87

objFn after block 9.941

objFn after block 15.0399

objFn after block 20.1304

-20.1304

objFn after block 4.9137

objFn after block 9.9827

objFn after block 15.0677

objFn after block 20.1734

-20.1734

objFn after block 4.9278

objFn after block 9.997

objFn after block 15.0941

objFn after block 20.2064

-20.2064

objFn after block 4.9119

objFn after block 9.9802

objFn after block 15.0757

objFn after block 20.1791

-20.1791

objFn after block 4.9279

objFn after block 9.9987

objFn after block 15.0905

objFn after block 20.2048

-20.2048

objFn after block 4.9257

objFn after block 9.9954

objFn after block 15.0998

objFn after block 20.2059

-20.2059

objFn after block 4.9118

objFn after block 9.9799

objFn after block 15.0745

objFn after block 20.1687

-20.1687

objFn after block 4.8829

objFn after block 9.9518

objFn after block 15.0567

objFn after block 20.1632

-20.1632

objFn after block 4.9129

objFn after block 9.9817

objFn after block 15.0856

objFn after block 20.1812

-20.1812

objFn after block 4.9121

objFn after block 9.9837

objFn after block 15.0819

objFn after block 20.195

-20.195

objFn after block 4.9283

objFn after block 9.9998

objFn after block 15.092

objFn after block 20.1838

-20.1838

objFn after block 4.8691

objFn after block 9.9421

objFn after block 15.0431

objFn after block 20.128

-20.128

6 92 -20.2003 0.00816894 0.015625 Refine grid

objFn after block 4.9121

objFn after block 9.9814

objFn after block 15.0777

objFn after block 20.1828

-20.1828

7 93 -20.1845 0.0049837 0.015625 Successful search (ES-ell)

objFn after block 4.9107

objFn after block 9.9779

objFn after block 15.0724

objFn after block 20.1756

-20.1756

7 94 -20.1877 0.00684044 0.015625 Successful search (ES-ell)

objFn after block 4.9112

objFn after block 9.9633

objFn after block 15.0518

objFn after block 20.1623

-20.1623

objFn after block 4.9089

objFn after block 9.9749

objFn after block 15.0664

objFn after block 20.1747

-20.1747

objFn after block 4.9095

objFn after block 9.9757

objFn after block 15.0761

objFn after block 20.1845

-20.1845

objFn after block 4.9107

objFn after block 9.9783

objFn after block 15.0801

objFn after block 20.1891

-20.1891

objFn after block 4.9093

objFn after block 9.975

objFn after block 15.0683

objFn after block 20.1766

-20.1766

objFn after block 4.9106

objFn after block 9.9775

objFn after block 15.0717

objFn after block 20.1737

-20.1737

objFn after block 4.9233

objFn after block 9.9899

objFn after block 15.0836

objFn after block 20.1864

-20.1864

objFn after block 4.9237

objFn after block 9.9908

objFn after block 15.0846

objFn after block 20.1871

-20.1871

objFn after block 4.9046

objFn after block 9.9721

objFn after block 15.0658

objFn after block 20.1696

-20.1696

objFn after block 4.9094

objFn after block 9.9772

objFn after block 15.0652

objFn after block 20.175

-20.175

objFn after block 4.9107

objFn after block 9.9783

objFn after block 15.0727

objFn after block 20.1838

-20.1838

objFn after block 4.9109

objFn after block 9.9799

objFn after block 15.0755

objFn after block 20.1696

-20.1696

7 106 -20.1877 0.00684044 0.0078125 Refine grid Train

objFn after block 4.9246

objFn after block 9.9924

objFn after block 15.0864

objFn after block 20.1961

-20.1961

objFn after block 4.9115

objFn after block 9.9789

objFn after block 15.0734

objFn after block 20.1828

-20.1828

objFn after block 4.9117

objFn after block 9.9795

objFn after block 15.0738

objFn after block 20.184

-20.184

objFn after block 4.9112

objFn after block 9.9795

objFn after block 15.0734

objFn after block 20.1833

-20.1833

objFn after block 4.9042

objFn after block 9.9718

objFn after block 15.0655

objFn after block 20.1753

-20.1753

objFn after block 4.9245

objFn after block 9.9925

objFn after block 15.0869

objFn after block 20.1968

-20.1968

objFn after block 4.9113

objFn after block 9.98

objFn after block 15.0818

objFn after block 20.1854

-20.1854

objFn after block 4.9123

objFn after block 9.98

objFn after block 15.0757

objFn after block 20.1857

-20.1857

objFn after block 4.9109

objFn after block 9.979

objFn after block 15.0733

objFn after block 20.183

-20.183

objFn after block 4.9235

objFn after block 9.9907

objFn after block 15.0847

objFn after block 20.1943

-20.1943

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -20.1867 ± 0.00218634 (mean ± SEM from 10 samples).

optiParams =

0.4136 0.2821 0.6415

fVal =

-20.1867

Elapsed time is 5413.505491 seconds.

Analyzing subject 18 on blocks of postdictive condition.

objFn after block 4.9895

objFn after block 9.7412

objFn after block 14.6208

objFn after block 19.3272

-19.3272

objFn after block 4.9596

objFn after block 9.6982

objFn after block 14.5781

objFn after block 19.2164

-19.2164

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -19.3272 NaN 1 Uncertainty test

objFn after block 4.8656

objFn after block 9.5291

objFn after block 14.3345

objFn after block 18.8564

-18.8564

objFn after block 4.8979

objFn after block 9.631

objFn after block 14.3773

objFn after block 19.1101

-19.1101

objFn after block 4.9767

objFn after block 9.7707

objFn after block 14.5932

objFn after block 19.3891

-19.3891

objFn after block 4.971

objFn after block 9.8044

objFn after block 14.7431

objFn after block 19.4358

-19.4358

objFn after block 4.9866

objFn after block 9.3905

objFn after block 14.2888

objFn after block 18.8674

-18.8674

objFn after block 4.9764

objFn after block 9.8195

objFn after block 14.7846

objFn after block 19.491

-19.491

objFn after block 4.9773

objFn after block 9.8002

objFn after block 14.7334

objFn after block 19.5738

-19.5738

objFn after block 4.312

objFn after block 7.8053

objFn after block 12.3254

objFn after block 16.5897

-16.5897

objFn after block 4.6437

objFn after block 8.3351

objFn after block 13.1497

objFn after block 17.5203

-17.5203

objFn after block 4.9718

objFn after block 9.8058

objFn after block 14.7449

objFn after block 19.6186

-19.6186

objFn after block 4.8825

objFn after block 9.6212

objFn after block 14.4249

objFn after block 19.2281

-19.2281

objFn after block 4.9977

objFn after block 9.8332

objFn after block 14.8541

objFn after block 19.7772

-19.7772

objFn after block 4.9163

objFn after block 9.7318

objFn after block 14.747

objFn after block 19.6378

-19.6378

objFn after block 4.9139

objFn after block 9.5949

objFn after block 14.5197

objFn after block 19.3728

-19.3728

objFn after block 4.9835

objFn after block 9.8198

objFn after block 14.8047

objFn after block 19.7074

-19.7074

objFn after block 4.657

objFn after block 8.9454

objFn after block 13.8176

objFn after block 18.7069

-18.7069

objFn after block 4.9611

objFn after block 9.7778

objFn after block 14.7621

objFn after block 19.6666

-19.6666

objFn after block 4.895

objFn after block 9.7035

objFn after block 14.6395

objFn after block 19.4837

-19.4837

objFn after block 4.5877

objFn after block 9.0574

objFn after block 13.7804

objFn after block 18.5523

-18.5523

objFn after block 4.7793

objFn after block 9.4882

objFn after block 14.3152

objFn after block 19.0623

-19.0623

0 22 -19.7772 NaN 1 Initial mesh

objFn after block 4.9845

objFn after block 9.7599

objFn after block 14.7668

objFn after block 19.6665

-19.6665

objFn after block 4.6781

objFn after block 9.3585

objFn after block 14.0952

objFn after block 18.774

-18.774

objFn after block 4.9385

objFn after block 9.7003

objFn after block 14.5238

objFn after block 19.3033

-19.3033

objFn after block 5.0195

objFn after block 9.8432

objFn after block 14.8656

objFn after block 19.6916

-19.6916

objFn after block 4.8435

objFn after block 9.4584

objFn after block 14.2115

objFn after block 18.6874

-18.6874

1 27 -19.7772 1 0.5 Refine grid Train

objFn after block 4.9554

objFn after block 9.764

objFn after block 14.7627

objFn after block 19.6402

-19.6402

objFn after block 4.9903

objFn after block 9.8224

objFn after block 14.8186

objFn after block 19.7315

-19.7315

2 29 -19.906 0.117699 0.5 Incremental search (ES-wcm)

objFn after block 4.9828

objFn after block 9.7886

objFn after block 14.8124

objFn after block 19.716

-19.716

objFn after block 5.013

objFn after block 9.7754

objFn after block 14.795

objFn after block 19.7174

-19.7174

objFn after block 5.0041

objFn after block 9.8273

objFn after block 14.8565

objFn after block 19.7403

-19.7403

objFn after block 5.0226

objFn after block 9.8319

objFn after block 14.8507

objFn after block 19.7602

-19.7602

objFn after block 4.9349

objFn after block 9.7865

objFn after block 14.8058

objFn after block 19.7097

-19.7097

objFn after block 4.97

objFn after block 9.7703

objFn after block 14.6339

objFn after block 19.5061

-19.5061

objFn after block 4.9646

objFn after block 9.7824

objFn after block 14.7483

objFn after block 19.554

-19.554

objFn after block 5.0256

objFn after block 9.7956

objFn after block 14.8247

objFn after block 19.619

-19.619

2 37 -19.906 0.117699 0.25 Refine grid Train

objFn after block 4.9803

objFn after block 9.7773

objFn after block 14.7967

objFn after block 19.7083

-19.7083

objFn after block 4.9995

objFn after block 9.8421

objFn after block 14.8437

objFn after block 19.756

-19.756

objFn after block 5.0178

objFn after block 9.8584

objFn after block 14.8794

objFn after block 19.7822

-19.7822

objFn after block 4.9811

objFn after block 9.8196

objFn after block 14.8373

objFn after block 19.7465

-19.7465

objFn after block 4.9937

objFn after block 9.8208

objFn after block 14.8351

objFn after block 19.7165

-19.7165

objFn after block 5.0047

objFn after block 9.8125

objFn after block 14.8175

objFn after block 19.6733

-19.6733

objFn after block 5.0081

objFn after block 9.8318

objFn after block 14.8706

objFn after block 19.7829

-19.7829

objFn after block 5.0097

objFn after block 9.8378

objFn after block 14.8617

objFn after block 19.7404

-19.7404

objFn after block 4.9838

objFn after block 9.8038

objFn after block 14.7821

objFn after block 19.6789

-19.6789

objFn after block 5.0167

objFn after block 9.8448

objFn after block 14.8379

objFn after block 19.6639

-19.6639

3 47 -19.806 0.13533 0.125 Refine grid Train

objFn after block 4.99

objFn after block 9.8225

objFn after block 14.8365

objFn after block 19.7545

-19.7545

objFn after block 5.0156

objFn after block 9.8452

objFn after block 14.8816

objFn after block 19.8353

-19.8353

4 49 -19.7777 0.0103595 0.125 Incremental search (ES-ell)

objFn after block 5.02

objFn after block 9.8566

objFn after block 14.8635

objFn after block 19.7644

-19.7644

4 50 -19.786 0.0194108 0.125 Incremental search (ES-ell)

objFn after block 4.8701

objFn after block 9.5982

objFn after block 14.6058

objFn after block 19.4819

-19.4819

objFn after block 5.0189

objFn after block 9.8552

objFn after block 14.8847

objFn after block 19.7945

-19.7945

objFn after block 4.9809

objFn after block 9.7877

objFn after block 14.8007

objFn after block 19.7234

-19.7234

objFn after block 4.996

objFn after block 9.8244

objFn after block 14.8254

objFn after block 19.7514

-19.7514

objFn after block 4.9908

objFn after block 9.8036

objFn after block 14.8063

objFn after block 19.7096

-19.7096

objFn after block 4.9675

objFn after block 9.8082

objFn after block 14.8259

objFn after block 19.7031

-19.7031

objFn after block 5.0003

objFn after block 9.8492

objFn after block 14.8521

objFn after block 19.7459

-19.7459

4 57 -19.7869 0.0123448 0.0625 Refine grid Train

objFn after block 5.0159

objFn after block 9.8654

objFn after block 14.8831

objFn after block 19.8466

-19.8466

5 58 -19.7878 0.0139274 0.0625 Successful search (ES-wcm)

objFn after block 5.0172

objFn after block 9.8512

objFn after block 14.8879

objFn after block 19.8108

-19.8108

5 59 -19.7915 0.0168607 0.0625 Incremental search (ES-ell)

objFn after block 4.9954

objFn after block 9.8196

objFn after block 14.8615

objFn after block 19.7617

-19.7617

objFn after block 5.0092

objFn after block 9.8364

objFn after block 14.8786

objFn after block 19.7913

-19.7913

objFn after block 5.0135

objFn after block 9.8518

objFn after block 14.8659

objFn after block 19.7919

-19.7919

5 62 -19.793 0.0124214 0.0625 Incremental search (ES-ell)

objFn after block 5.0148

objFn after block 9.8528

objFn after block 14.8854

objFn after block 19.8123

-19.8123

5 63 -19.795 0.0119675 0.0625 Incremental search (ES-wcm)

objFn after block 4.9952

objFn after block 9.809

objFn after block 14.8354

objFn after block 19.741

-19.741

objFn after block 5.0152

objFn after block 9.8643

objFn after block 14.8889

objFn after block 19.8044

-19.8044

5 65 -19.7966 0.0112808 0.0625 Incremental search (ES-ell)

objFn after block 5.0138

objFn after block 9.8327

objFn after block 14.8748

objFn after block 19.7995

-19.7995

objFn after block 4.9906

objFn after block 9.8297

objFn after block 14.8455

objFn after block 19.7619

-19.7619

objFn after block 4.999

objFn after block 9.8328

objFn after block 14.8703

objFn after block 19.7909

-19.7909

objFn after block 4.9922

objFn after block 9.8316

objFn after block 14.8341

objFn after block 19.762

-19.762

objFn after block 5.0125

objFn after block 9.8488

objFn after block 14.8529

objFn after block 19.7687

-19.7687

objFn after block 4.9938

objFn after block 9.8056

objFn after block 14.8147

objFn after block 19.7357

-19.7357

5 71 -19.7966 0.0112808 0.03125 Refine grid

objFn after block 5.0007

objFn after block 9.8345

objFn after block 14.8635

objFn after block 19.7862

-19.7862

6 72 -19.7891 0.00835712 0.03125 Incremental search (ES-ell)

objFn after block 4.9975

objFn after block 9.8291

objFn after block 14.8545

objFn after block 19.7642

-19.7642

objFn after block 5.0097

objFn after block 9.8419

objFn after block 14.8689

objFn after block 19.79

-19.79

objFn after block 4.9972

objFn after block 9.8276

objFn after block 14.8755

objFn after block 19.8039

-19.8039

objFn after block 5.0155

objFn after block 9.8479

objFn after block 14.8718

objFn after block 19.7799

-19.7799

objFn after block 4.9887

objFn after block 9.8224

objFn after block 14.86

objFn after block 19.7817

-19.7817

objFn after block 5.0019

objFn after block 9.8386

objFn after block 14.8686

objFn after block 19.7923

-19.7923

objFn after block 5.0109

objFn after block 9.8452

objFn after block 14.8822

objFn after block 19.7919

-19.7919

objFn after block 5.0131

objFn after block 9.8603

objFn after block 14.8914

objFn after block 19.8038

-19.8038

objFn after block 5.0126

objFn after block 9.8471

objFn after block 14.877

objFn after block 19.8004

-19.8004

6 81 -19.7891 0.00835712 0.015625 Refine grid

objFn after block 4.9992

objFn after block 9.8332

objFn after block 14.859

objFn after block 19.7785

-19.7785

objFn after block 4.9996

objFn after block 9.8341

objFn after block 14.8618

objFn after block 19.7833

-19.7833

objFn after block 5.0009

objFn after block 9.8359

objFn after block 14.864

objFn after block 19.7756

-19.7756

objFn after block 5.0095

objFn after block 9.8433

objFn after block 14.8721

objFn after block 19.794

-19.794

objFn after block 4.9984

objFn after block 9.831

objFn after block 14.8588

objFn after block 19.766

-19.766

objFn after block 5.0104

objFn after block 9.846

objFn after block 14.879

objFn after block 19.8009

-19.8009

objFn after block 5.0035

objFn after block 9.8388

objFn after block 14.8771

objFn after block 19.7983

-19.7983

objFn after block 5.01

objFn after block 9.8445

objFn after block 14.8818

objFn after block 19.8035

-19.8035

objFn after block 5.0125

objFn after block 9.849

objFn after block 14.8797

objFn after block 19.7893

-19.7893

objFn after block 5.0114

objFn after block 9.8468

objFn after block 14.8859

objFn after block 19.8089

-19.8089

7 91 -19.7896 0.00614871 0.0078125 Refine grid

objFn after block 5.0007

objFn after block 9.8354

objFn after block 14.8646

objFn after block 19.7844

-19.7844

objFn after block 5.0108

objFn after block 9.8459

objFn after block 14.8543

objFn after block 19.7757

-19.7757

objFn after block 5.0109

objFn after block 9.8461

objFn after block 14.8839

objFn after block 19.8068

-19.8068

objFn after block 5.0116

objFn after block 9.8467

objFn after block 14.8856

objFn after block 19.8084

-19.8084

objFn after block 5.0101

objFn after block 9.8457

objFn after block 14.8748

objFn after block 19.7961

-19.7961

objFn after block 5.0106

objFn after block 9.8546

objFn after block 14.8821

objFn after block 19.8052

-19.8052

objFn after block 5.0109

objFn after block 9.8557

objFn after block 14.8838

objFn after block 19.7922

-19.7922

objFn after block 5.0111

objFn after block 9.8461

objFn after block 14.875

objFn after block 19.7972

-19.7972

objFn after block 5.0113

objFn after block 9.8459

objFn after block 14.8554

objFn after block 19.7779

-19.7779

objFn after block 5.0102

objFn after block 9.8444

objFn after block 14.8733

objFn after block 19.7812

-19.7812

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -19.7925 ± 0.00386532 (mean ± SEM from 10 samples).

optiParams =

0.5665 0.4729 0.5338

fVal =

-19.7925

Elapsed time is 4785.546641 seconds.

Analyzing subject 19 on blocks of postdictive condition.

objFn after block 4.8088

objFn after block 9.6408

objFn after block 14.2179

objFn after block 18.8707

-18.8707

objFn after block 4.7772

objFn after block 9.5925

objFn after block 14.328

objFn after block 19.0354

-19.0354

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -18.8707 NaN 1 Uncertainty test

objFn after block 5.0078

objFn after block 9.8301

objFn after block 14.4892

objFn after block 19.1337

-19.1337

objFn after block 5.0276

objFn after block 9.8717

objFn after block 14.3843

objFn after block 18.7345

-18.7345

objFn after block 5.0003

objFn after block 9.9508

objFn after block 14.7297

objFn after block 19.5346

-19.5346

objFn after block 4.9652

objFn after block 9.8841

objFn after block 14.6479

objFn after block 19.4168

-19.4168

objFn after block 4.3952

objFn after block 8.8719

objFn after block 12.891

objFn after block 17.534

-17.534

objFn after block 4.5653

objFn after block 9.4603

objFn after block 14.0988

objFn after block 18.7987

-18.7987

objFn after block 4.9471

objFn after block 9.9294

objFn after block 14.7016

objFn after block 19.5329

-19.5329

objFn after block 4.8531

objFn after block 9.8616

objFn after block 14.7237

objFn after block 19.4944

-19.4944

objFn after block 4.8398

objFn after block 9.839

objFn after block 14.6874

objFn after block 19.4586

-19.4586

objFn after block 4.7769

objFn after block 9.5736

objFn after block 14.3422

objFn after block 19.0474

-19.0474

objFn after block 4.8386

objFn after block 9.8918

objFn after block 14.7312

objFn after block 19.4862

-19.4862

objFn after block 4.8129

objFn after block 9.669

objFn after block 14.4762

objFn after block 19.1858

-19.1858

objFn after block 4.3172

objFn after block 9.198

objFn after block 12.7407

objFn after block 16.9408

-16.9408

objFn after block 4.4365

objFn after block 9.4058

objFn after block 13.7462

objFn after block 18.2136

-18.2136

objFn after block 4.8474

objFn after block 9.7747

objFn after block 14.6688

objFn after block 19.4653

-19.4653

objFn after block 4.8022

objFn after block 9.7717

objFn after block 14.6635

objFn after block 19.4903

-19.4903

objFn after block 4.4989

objFn after block 9.5002

objFn after block 14.102

objFn after block 18.7141

-18.7141

objFn after block 4.7167

objFn after block 9.6243

objFn after block 14.4451

objFn after block 19.2029

-19.2029

objFn after block 4.7769

objFn after block 9.7532

objFn after block 14.6575

objFn after block 19.3542

-19.3542

objFn after block 4.6949

objFn after block 9.6618

objFn after block 14.5042

objFn after block 19.182

-19.182

0 22 -19.5346 NaN 1 Initial mesh

objFn after block 4.9966

objFn after block 9.9502

objFn after block 14.7611

objFn after block 19.5557

-19.5557

objFn after block 4.8694

objFn after block 9.8254

objFn after block 14.7529

objFn after block 19.5947

-19.5947

objFn after block 4.8745

objFn after block 9.663

objFn after block 14.1964

objFn after block 18.6687

-18.6687

objFn after block 4.999

objFn after block 9.9246

objFn after block 14.6405

objFn after block 19.4258

-19.4258

objFn after block 4.7286

objFn after block 9.3516

objFn after block 13.773

objFn after block 18.3563

-18.3563

1 27 -19.7414 0.154788 0.5 Refine grid Train

objFn after block 4.9186

objFn after block 9.914

objFn after block 14.84

objFn after block 19.6796

-19.6796

objFn after block 4.8436

objFn after block 9.8578

objFn after block 14.7881

objFn after block 19.587

-19.587

2 29 -19.7477 0.148819 0.5 Incremental search (ES-wcm)

objFn after block 3.9006

objFn after block 6.8101

objFn after block 10.2589

objFn after block 14.0691

-14.0691

objFn after block 4.894

objFn after block 9.8555

objFn after block 14.7755

objFn after block 19.6208

-19.6208

objFn after block 4.7943

objFn after block 9.7865

objFn after block 14.701

objFn after block 19.5149

-19.5149

objFn after block 4.9243

objFn after block 9.9105

objFn after block 14.8466

objFn after block 19.6818

-19.6818

objFn after block 4.867

objFn after block 9.8908

objFn after block 14.832

objFn after block 19.5972

-19.5972

objFn after block 5.0145

objFn after block 10.0055

objFn after block 14.8129

objFn after block 19.6155

-19.6155

objFn after block 4.8524

objFn after block 9.8471

objFn after block 14.7115

objFn after block 19.4808

-19.4808

objFn after block 4.8826

objFn after block 9.8367

objFn after block 14.7212

objFn after block 19.5588

-19.5588

2 37 -19.8197 0.156987 0.25 Refine grid Train

objFn after block 4.8682

objFn after block 9.8716

objFn after block 14.788

objFn after block 19.6058

-19.6058

objFn after block 4.9466

objFn after block 9.9423

objFn after block 14.8717

objFn after block 19.7069

-19.7069

objFn after block 4.9451

objFn after block 9.9434

objFn after block 14.8755

objFn after block 19.7117

-19.7117

objFn after block 4.9068

objFn after block 9.8879

objFn after block 14.8224

objFn after block 19.653

-19.653

objFn after block 4.9643

objFn after block 9.9645

objFn after block 14.8766

objFn after block 19.6846

-19.6846

objFn after block 4.9153

objFn after block 9.9055

objFn after block 14.8359

objFn after block 19.6715

-19.6715

objFn after block 4.8599

objFn after block 9.8451

objFn after block 14.786

objFn after block 19.6391

-19.6391

objFn after block 4.8442

objFn after block 9.8545

objFn after block 14.7639

objFn after block 19.5676

-19.5676

objFn after block 4.9239

objFn after block 9.8942

objFn after block 14.8076

objFn after block 19.6644

-19.6644

objFn after block 4.9323

objFn after block 9.9282

objFn after block 14.8535

objFn after block 19.7084

-19.7084

3 47 -19.8288 0.149061 0.125 Refine grid Train

objFn after block 4.8496

objFn after block 9.8223

objFn after block 14.7519

objFn after block 19.5257

-19.5257

objFn after block 4.9579

objFn after block 9.9503

objFn after block 14.8486

objFn after block 19.6684

-19.6684

objFn after block 4.9613

objFn after block 9.97

objFn after block 14.8783

objFn after block 19.7044

-19.7044

objFn after block 4.9482

objFn after block 9.9442

objFn after block 14.8776

objFn after block 19.7129

-19.7129

objFn after block 4.9555

objFn after block 9.9545

objFn after block 14.887

objFn after block 19.7339

-19.7339

objFn after block 4.9226

objFn after block 9.926

objFn after block 14.8302

objFn after block 19.6694

-19.6694

objFn after block 4.9273

objFn after block 9.9179

objFn after block 14.8376

objFn after block 19.6788

-19.6788

objFn after block 4.9094

objFn after block 9.904

objFn after block 14.8194

objFn after block 19.6629

-19.6629

objFn after block 4.9172

objFn after block 9.9076

objFn after block 14.839

objFn after block 19.6678

-19.6678

objFn after block 4.9144

objFn after block 9.9007

objFn after block 14.8318

objFn after block 19.69

-19.69

4 57 -19.7245 0.0700332 0.0625 Refine grid Train

objFn after block 4.9317

objFn after block 9.9255

objFn after block 14.8296

objFn after block 19.6736

-19.6736

objFn after block 4.9303

objFn after block 9.934

objFn after block 14.8622

objFn after block 19.7134

-19.7134

objFn after block 4.9551

objFn after block 9.9554

objFn after block 14.8894

objFn after block 19.7287

-19.7287

objFn after block 4.9282

objFn after block 9.9301

objFn after block 14.8676

objFn after block 19.7169

-19.7169

objFn after block 4.9278

objFn after block 9.9184

objFn after block 14.849

objFn after block 19.7004

-19.7004

objFn after block 4.9277

objFn after block 9.9268

objFn after block 14.8614

objFn after block 19.6996

-19.6996

objFn after block 4.9188

objFn after block 9.9075

objFn after block 14.837

objFn after block 19.6852

-19.6852

objFn after block 4.9223

objFn after block 9.9202

objFn after block 14.8567

objFn after block 19.6895

-19.6895

objFn after block 4.9116

objFn after block 9.9078

objFn after block 14.8429

objFn after block 19.6744

-19.6744

objFn after block 4.92

objFn after block 9.9063

objFn after block 14.8263

objFn after block 19.673

-19.673

5 67 -19.7093 0.051322 0.015625 Refine grid Train

objFn after block 4.9281

objFn after block 9.9292

objFn after block 14.8659

objFn after block 19.714

-19.714

objFn after block 4.9262

objFn after block 9.914

objFn after block 14.8514

objFn after block 19.6871

-19.6871

objFn after block 4.9269

objFn after block 9.9133

objFn after block 14.8233

objFn after block 19.6706

-19.6706

objFn after block 4.9254

objFn after block 9.9242

objFn after block 14.8343

objFn after block 19.672

-19.672

objFn after block 4.917

objFn after block 9.9042

objFn after block 14.8416

objFn after block 19.6884

-19.6884

objFn after block 4.9244

objFn after block 9.924

objFn after block 14.8613

objFn after block 19.6973

-19.6973

objFn after block 4.9241

objFn after block 9.9113

objFn after block 14.8298

objFn after block 19.6675

-19.6675

objFn after block 4.9241

objFn after block 9.9184

objFn after block 14.8547

objFn after block 19.6995

-19.6995

objFn after block 4.9128

objFn after block 9.9135

objFn after block 14.8302

objFn after block 19.6656

-19.6656

objFn after block 4.9234

objFn after block 9.9083

objFn after block 14.8442

objFn after block 19.6811

-19.6811

6 77 -19.706 0.0416676 0.0078125 Refine grid Train

objFn after block 4.914

objFn after block 9.9013

objFn after block 14.8396

objFn after block 19.6757

-19.6757

objFn after block 4.9149

objFn after block 9.9135

objFn after block 14.8506

objFn after block 19.6881

-19.6881

objFn after block 4.924

objFn after block 9.9234

objFn after block 14.8612

objFn after block 19.707

-19.707

objFn after block 4.9136

objFn after block 9.9002

objFn after block 14.8186

objFn after block 19.6648

-19.6648

objFn after block 4.9242

objFn after block 9.9093

objFn after block 14.8207

objFn after block 19.6568

-19.6568

objFn after block 4.9235

objFn after block 9.9103

objFn after block 14.8476

objFn after block 19.6935

-19.6935

objFn after block 4.9275

objFn after block 9.9146

objFn after block 14.8248

objFn after block 19.6715

-19.6715

objFn after block 4.9161

objFn after block 9.9121

objFn after block 14.8485

objFn after block 19.6987

-19.6987

objFn after block 4.9233

objFn after block 9.9103

objFn after block 14.8478

objFn after block 19.6859

-19.6859

objFn after block 4.9241

objFn after block 9.9106

objFn after block 14.8373

objFn after block 19.6737

-19.6737

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -19.6816 ± 0.00498409 (mean ± SEM from 10 samples).

optiParams =

0.4049 0.3894 1.1392

fVal =

-19.6816

Elapsed time is 3861.937078 seconds.

Analyzing subject 23 on blocks of postdictive condition.

objFn after block 5.025

objFn after block 9.9613

objFn after block 14.9507

objFn after block 19.696

-19.696

objFn after block 5.0243

objFn after block 9.9623

objFn after block 14.9516

objFn after block 19.6887

-19.6887

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -19.696 NaN 1 Uncertainty test

objFn after block 4.442

objFn after block 9.3556

objFn after block 13.8828

objFn after block 17.325

-17.325

objFn after block 5.0557

objFn after block 10.0547

objFn after block 14.9693

objFn after block 19.6207

-19.6207

objFn after block 5.0607

objFn after block 10.0231

objFn after block 15.0049

objFn after block 19.722

-19.722

objFn after block 5.0397

objFn after block 10.0311

objFn after block 15.0472

objFn after block 19.7182

-19.7182

objFn after block 4.9132

objFn after block 9.7698

objFn after block 14.6869

objFn after block 19.3799

-19.3799

objFn after block 3.9946

objFn after block 8.4407

objFn after block 13.0369

objFn after block 16.5509

-16.5509

objFn after block 4.8795

objFn after block 9.6032

objFn after block 14.5219

objFn after block 19.0969

-19.0969

objFn after block 4.8544

objFn after block 9.6332

objFn after block 14.5628

objFn after block 19.3026

-19.3026

objFn after block 4.9246

objFn after block 9.8266

objFn after block 14.7722

objFn after block 19.5606

-19.5606

objFn after block 4.8825

objFn after block 9.7895

objFn after block 14.7152

objFn after block 19.5019

-19.5019

objFn after block 4.884

objFn after block 9.7473

objFn after block 14.6148

objFn after block 19.3842

-19.3842

objFn after block 4.8419

objFn after block 9.6387

objFn after block 14.6037

objFn after block 19.3749

-19.3749

objFn after block 4.8098

objFn after block 9.596

objFn after block 14.5435

objFn after block 19.2753

-19.2753

objFn after block 4.8186

objFn after block 9.5786

objFn after block 14.5226

objFn after block 19.2631

-19.2631

objFn after block 4.7529

objFn after block 9.5237

objFn after block 14.3643

objFn after block 19.0279

-19.0279

objFn after block 4.5036

objFn after block 8.8664

objFn after block 13.6649

objFn after block 18.0916

-18.0916

objFn after block 4.7117

objFn after block 9.4093

objFn after block 14.2956

objFn after block 19.0311

-19.0311

objFn after block 4.7094

objFn after block 9.4244

objFn after block 14.2762

objFn after block 18.9515

-18.9515

objFn after block 4.5664

objFn after block 9.1833

objFn after block 13.9307

objFn after block 18.5397

-18.5397

objFn after block 3.8566

objFn after block 7.4761

objFn after block 11.4679

objFn after block 14.646

-14.646

0 22 -19.722 NaN 1 Initial mesh

objFn after block 4.7343

objFn after block 9.4991

objFn after block 14.1953

objFn after block 18.7681

-18.7681

objFn after block 5.0142

objFn after block 9.9813

objFn after block 14.9286

objFn after block 19.6716

-19.6716

objFn after block 4.8353

objFn after block 9.6656

objFn after block 14.5861

objFn after block 19.3431

-19.3431

objFn after block 4.4444

objFn after block 9.2388

objFn after block 14.2052

objFn after block 18.5736

-18.5736

1 26 -19.722 1 0.5 Refine grid Train

objFn after block 4.2012

objFn after block 8.9664

objFn after block 13.569

objFn after block 17.7767

-17.7767

objFn after block 5.0689

objFn after block 10.1062

objFn after block 14.8776

objFn after block 19.4802

-19.4802

objFn after block 5.0677

objFn after block 10.0679

objFn after block 15.0326

objFn after block 19.6897

-19.6897

2 29 -19.7304 0.0979261 0.5 Incremental search (ES-wcm)

objFn after block 4.6405

objFn after block 9.2096

objFn after block 13.7895

objFn after block 18.0997

-18.0997

objFn after block 4.9741

objFn after block 9.9178

objFn after block 14.8972

objFn after block 19.6898

-19.6898

objFn after block 5.0775

objFn after block 10.1065

objFn after block 15.0876

objFn after block 19.7411

-19.7411

objFn after block 5.0545

objFn after block 10.0545

objFn after block 15.028

objFn after block 19.7298

-19.7298

objFn after block 5.0317

objFn after block 10.0031

objFn after block 14.9387

objFn after block 19.6087

-19.6087

objFn after block 4.8339

objFn after block 9.8103

objFn after block 14.8339

objFn after block 19.3689

-19.3689

2 35 -19.7304 0.0979261 0.25 Refine grid Train

objFn after block 4.5428

objFn after block 8.7467

objFn after block 13.2682

objFn after block 17.8272

-17.8272

objFn after block 4.9824

objFn after block 10.001

objFn after block 15.0162

objFn after block 19.7099

-19.7099

3 37 -19.7748 0.0688203 0.25 Incremental search (ES-wcm)

objFn after block 5.0264

objFn after block 9.9791

objFn after block 14.9793

objFn after block 19.776

-19.776

3 38 -19.8077 0.075997 0.25 Incremental search (ES-ell)

objFn after block 4.6456

objFn after block 9.3012

objFn after block 13.5152

objFn after block 17.7357

-17.7357

objFn after block 5.0092

objFn after block 9.9553

objFn after block 14.9508

objFn after block 19.7475

-19.7475

objFn after block 4.9803

objFn after block 9.911

objFn after block 14.8742

objFn after block 19.6593

-19.6593

objFn after block 5.082

objFn after block 10.0725

objFn after block 15.0726

objFn after block 19.8585

-19.8585

objFn after block 4.9011

objFn after block 9.8262

objFn after block 14.8057

objFn after block 19.5391

-19.5391

objFn after block 5.004

objFn after block 9.972

objFn after block 14.9749

objFn after block 19.7132

-19.7132

objFn after block 4.9671

objFn after block 9.9604

objFn after block 14.9283

objFn after block 19.671

-19.671

3 45 -19.8134 0.0575233 0.125 Refine grid Train

objFn after block 5.0412

objFn after block 10.033

objFn after block 15.0349

objFn after block 19.8415

-19.8415

4 46 -19.8949 0.0793585 0.125 Successful search (ES-wcm)

objFn after block 5.0839

objFn after block 10.107

objFn after block 15.102

objFn after block 19.8215

-19.8215

4 47 -19.9002 0.0674392 0.125 Incremental search (ES-wcm)

objFn after block 4.9459

objFn after block 9.8129

objFn after block 14.733

objFn after block 19.496

-19.496

objFn after block 5.0423

objFn after block 10.0281

objFn after block 15.0409

objFn after block 19.7626

-19.7626

objFn after block 5.0502

objFn after block 10.0491

objFn after block 15.0363

objFn after block 19.7581

-19.7581

objFn after block 5.0535

objFn after block 10.0436

objFn after block 15.047

objFn after block 19.7977

-19.7977

objFn after block 5.083

objFn after block 10.0857

objFn after block 15.0904

objFn after block 19.8187

-19.8187

objFn after block 5.0506

objFn after block 10.0527

objFn after block 15.0512

objFn after block 19.8429

-19.8429

objFn after block 5.0543

objFn after block 10.0296

objFn after block 15.0128

objFn after block 19.8094

-19.8094

objFn after block 5.0422

objFn after block 10.0374

objFn after block 15.0447

objFn after block 19.7599

-19.7599

objFn after block 5.0582

objFn after block 10.0735

objFn after block 15.0886

objFn after block 19.7569

-19.7569

objFn after block 5.0622

objFn after block 10.0433

objFn after block 15.0283

objFn after block 19.7705

-19.7705

objFn after block 5.0809

objFn after block 10.0832

objFn after block 15.0691

objFn after block 19.7815

-19.7815

objFn after block 5.0749

objFn after block 10.0979

objFn after block 15.0512

objFn after block 19.7419

-19.7419

4 59 -19.9002 0.0674392 0.0625 Refine grid Train

objFn after block 5.0774

objFn after block 10.0813

objFn after block 15.0858

objFn after block 19.8322

-19.8322

5 60 -19.824 0.0174735 0.0625 Successful search (ES-wcm)

objFn after block 5.0374

objFn after block 10.0351

objFn after block 15.0436

objFn after block 19.7719

-19.7719

5 61 -19.8253 0.0216229 0.0625 Incremental search (ES-ell)

objFn after block 5.0625

objFn after block 10.0503

objFn after block 15.0471

objFn after block 19.8524

-19.8524

objFn after block 5.0568

objFn after block 10.0706

objFn after block 15.0777

objFn after block 19.8932

-19.8932

5 63 -19.8714 0.0310322 0.0625 Successful search (ES-wcm)

objFn after block 5.0409

objFn after block 10.0485

objFn after block 15.051

objFn after block 19.8019

-19.8019

objFn after block 5.0667

objFn after block 10.0695

objFn after block 15.0693

objFn after block 19.8522

-19.8522

objFn after block 5.0396

objFn after block 10.0393

objFn after block 15.0496

objFn after block 19.8399

-19.8399

objFn after block 5.0399

objFn after block 10.037

objFn after block 15.0377

objFn after block 19.8254

-19.8254

objFn after block 5.0512

objFn after block 10.0613

objFn after block 15.0729

objFn after block 19.8625

-19.8625

objFn after block 5.0466

objFn after block 10.0717

objFn after block 15.0805

objFn after block 19.8162

-19.8162

objFn after block 5.037

objFn after block 10.0357

objFn after block 15.0434

objFn after block 19.8307

-19.8307

objFn after block 5.0289

objFn after block 10.0021

objFn after block 14.9919

objFn after block 19.7737

-19.7737

objFn after block 5.0434

objFn after block 10.065

objFn after block 15.0704

objFn after block 19.8566

-19.8566

objFn after block 5.0735

objFn after block 10.0724

objFn after block 15.08

objFn after block 19.8261

-19.8261

5 73 -19.8714 0.0310322 0.03125 Refine grid Train

objFn after block 5.0678

objFn after block 10.0606

objFn after block 15.0613

objFn after block 19.8265

-19.8265

objFn after block 5.04

objFn after block 10.0572

objFn after block 15.0592

objFn after block 19.8633

-19.8633

6 75 -19.8513 0.0102273 0.03125 Successful search (ES-wcm)

objFn after block 5.0357

objFn after block 10.0557

objFn after block 15.0601

objFn after block 19.839

-19.839

objFn after block 5.0638

objFn after block 10.068

objFn after block 15.0766

objFn after block 19.8652

-19.8652

6 77 -19.853 0.010974 0.03125 Incremental search (ES-wcm)

objFn after block 5.0439

objFn after block 10.0119

objFn after block 15.0141

objFn after block 19.7799

-19.7799

objFn after block 5.039

objFn after block 10.0561

objFn after block 15.0643

objFn after block 19.855

-19.855

objFn after block 5.0401

objFn after block 10.0539

objFn after block 15.0533

objFn after block 19.8581

-19.8581

objFn after block 5.0312

objFn after block 10.0344

objFn after block 15.0379

objFn after block 19.7856

-19.7856

objFn after block 5.0432

objFn after block 10.0459

objFn after block 15.058

objFn after block 19.8655

-19.8655

objFn after block 5.0723

objFn after block 10.0546

objFn after block 15.0456

objFn after block 19.8519

-19.8519

objFn after block 5.0415

objFn after block 10.0444

objFn after block 15.0522

objFn after block 19.8565

-19.8565

objFn after block 5.0462

objFn after block 10.0537

objFn after block 15.055

objFn after block 19.8274

-19.8274

objFn after block 5.0478

objFn after block 10.0635

objFn after block 15.07

objFn after block 19.8588

-19.8588

objFn after block 5.0619

objFn after block 10.0331

objFn after block 15.0375

objFn after block 19.8222

-19.8222

6 87 -19.853 0.010974 0.015625 Refine grid Train

objFn after block 5.0406

objFn after block 10.0574

objFn after block 15.0591

objFn after block 19.8638

-19.8638

7 88 -19.8473 0.00692559 0.015625 Successful search (ES-wcm)

objFn after block 5.0424

objFn after block 10.0566

objFn after block 15.0658

objFn after block 19.8716

-19.8716

7 89 -19.8486 0.00741873 0.015625 Incremental search (ES-wcm)

objFn after block 5.0431

objFn after block 10.0624

objFn after block 15.0673

objFn after block 19.8674

-19.8674

objFn after block 5.0474

objFn after block 10.0712

objFn after block 15.0803

objFn after block 19.8

-19.8

objFn after block 5.0404

objFn after block 10.0568

objFn after block 15.0603

objFn after block 19.8071

-19.8071

objFn after block 5.0409

objFn after block 10.0575

objFn after block 15.0679

objFn after block 19.8576

-19.8576

objFn after block 5.0321

objFn after block 10.0497

objFn after block 15.0513

objFn after block 19.8404

-19.8404

objFn after block 5.0411

objFn after block 10.0423

objFn after block 15.0455

objFn after block 19.8352

-19.8352

objFn after block 5.0228

objFn after block 10.025

objFn after block 15.0352

objFn after block 19.8265

-19.8265

objFn after block 5.04

objFn after block 10.0404

objFn after block 15.0494

objFn after block 19.8538

-19.8538

objFn after block 5.043

objFn after block 10.0636

objFn after block 15.0665

objFn after block 19.8833

-19.8833

objFn after block 5.0425

objFn after block 10.0457

objFn after block 15.05

objFn after block 19.8429

-19.8429

objFn after block 5.0423

objFn after block 10.0456

objFn after block 15.0555

objFn after block 19.8623

-19.8623

objFn after block 5.0413

objFn after block 10.0573

objFn after block 15.0588

objFn after block 19.8648

-19.8648

7 101 -19.8486 0.00741873 0.0078125 Refine grid

objFn after block 5.0414

objFn after block 10.0583

objFn after block 15.069

objFn after block 19.8748

-19.8748

objFn after block 5.0232

objFn after block 10.0398

objFn after block 15.0498

objFn after block 19.8397

-19.8397

objFn after block 5.0412

objFn after block 10.0435

objFn after block 15.0544

objFn after block 19.8606

-19.8606

objFn after block 5.0404

objFn after block 10.057

objFn after block 15.0605

objFn after block 19.8504

-19.8504

objFn after block 5.0397

objFn after block 10.0566

objFn after block 15.0599

objFn after block 19.8509

-19.8509

objFn after block 5.0411

objFn after block 10.0443

objFn after block 15.0548

objFn after block 19.86

-19.86

objFn after block 5.0414

objFn after block 10.042

objFn after block 15.0523

objFn after block 19.8593

-19.8593

objFn after block 5.0402

objFn after block 10.0562

objFn after block 15.0659

objFn after block 19.8547

-19.8547

objFn after block 5.0411

objFn after block 10.0578

objFn after block 15.0684

objFn after block 19.8746

-19.8746

objFn after block 5.042

objFn after block 10.0617

objFn after block 15.065

objFn after block 19.8701

-19.8701

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -19.8595 ± 0.00357209 (mean ± SEM from 10 samples).

optiParams =

0.2482 0.5167 0.1969

fVal =

-19.8595

Elapsed time is 4967.612294 seconds.

Analyzing subject 24 on blocks of postdictive condition.

objFn after block 4.7759

objFn after block 9.7568

objFn after block 14.6556

objFn after block 19.4847

-19.4847

objFn after block 4.7752

objFn after block 9.7559

objFn after block 14.6718

objFn after block 19.5002

-19.5002

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -19.4847 NaN 1 Uncertainty test

objFn after block 4.8707

objFn after block 9.9459

objFn after block 14.9742

objFn after block 19.9199

-19.9199

objFn after block 4.9606

objFn after block 10.124

objFn after block 15.2818

objFn after block 20.4177

-20.4177

objFn after block 4.968

objFn after block 10.0687

objFn after block 15.1643

objFn after block 20.2232

-20.2232

objFn after block 4.9246

objFn after block 9.9969

objFn after block 15.046

objFn after block 20.0548

-20.0548

objFn after block 4.7365

objFn after block 9.7252

objFn after block 14.6927

objFn after block 19.4168

-19.4168

objFn after block 4.8866

objFn after block 9.9026

objFn after block 14.9126

objFn after block 19.8862

-19.8862

objFn after block 4.8906

objFn after block 9.7933

objFn after block 14.7224

objFn after block 19.6136

-19.6136

objFn after block 4.8938

objFn after block 9.8593

objFn after block 14.8324

objFn after block 19.7593

-19.7593

objFn after block 4.6414

objFn after block 9.4529

objFn after block 14.3311

objFn after block 19.0783

-19.0783

objFn after block 4.8065

objFn after block 9.7425

objFn after block 14.6538

objFn after block 19.4892

-19.4892

objFn after block 4.8468

objFn after block 9.8063

objFn after block 14.7582

objFn after block 19.605

-19.605

objFn after block 4.8574

objFn after block 9.7328

objFn after block 14.5772

objFn after block 19.3622

-19.3622

objFn after block 4.7884

objFn after block 9.669

objFn after block 14.5441

objFn after block 19.3315

-19.3315

objFn after block 4.8455

objFn after block 9.6586

objFn after block 14.4441

objFn after block 19.2314

-19.2314

objFn after block 4.7688

objFn after block 9.5259

objFn after block 14.328

objFn after block 18.928

-18.928

objFn after block 4.8209

objFn after block 9.6217

objFn after block 14.4015

objFn after block 19.1605

-19.1605

objFn after block 3.9382

objFn after block 8.2538

objFn after block 12.516

objFn after block 16.6345

-16.6345

objFn after block 4.4254

objFn after block 9.0494

objFn after block 13.7836

objFn after block 18.3124

-18.3124

objFn after block 3.9102

objFn after block 7.944

objFn after block 12.1508

objFn after block 15.957

-15.957

objFn after block 4.5372

objFn after block 9.1984

objFn after block 13.8605

objFn after block 18.4968

-18.4968

0 22 -20.4177 NaN 1 Initial mesh

objFn after block 4.8644

objFn after block 10.0399

objFn after block 15.1381

objFn after block 20.2691

-20.2691

objFn after block 4.8955

objFn after block 9.9688

objFn after block 14.9838

objFn after block 19.9708

-19.9708

objFn after block 4.9963

objFn after block 10.1381

objFn after block 15.2726

objFn after block 20.3765

-20.3765

objFn after block 4.7947

objFn after block 9.7043

objFn after block 14.5966

objFn after block 19.4408

-19.4408

1 26 -20.4177 1 0.5 Refine grid Train

objFn after block 4.8351

objFn after block 9.7241

objFn after block 14.1149

objFn after block 18.4609

-18.4609

objFn after block 4.7916

objFn after block 9.7338

objFn after block 14.5041

objFn after block 19.2397

-19.2397

objFn after block 4.8982

objFn after block 9.9891

objFn after block 14.9741

objFn after block 20.0149

-20.0149

objFn after block 4.9618

objFn after block 10.0501

objFn after block 15.0521

objFn after block 20.1018

-20.1018

objFn after block 4.8616

objFn after block 10.0337

objFn after block 15.1287

objFn after block 20.2555

-20.2555

objFn after block 4.8847

objFn after block 9.9516

objFn after block 14.926

objFn after block 19.9517

-19.9517

objFn after block 5.0097

objFn after block 10.1605

objFn after block 15.308

objFn after block 20.4294

-20.4294

objFn after block 4.9961

objFn after block 10.1424

objFn after block 15.265

objFn after block 20.3652

-20.3652

objFn after block 4.8737

objFn after block 10.0197

objFn after block 15.08

objFn after block 20.125

-20.125

2 35 -20.4177 1 0.25 Refine grid Train

objFn after block 4.8453

objFn after block 9.6609

objFn after block 14.4262

objFn after block 19.077

-19.077

objFn after block 4.8657

objFn after block 10.041

objFn after block 15.2077

objFn after block 20.3383

-20.3383

objFn after block 4.9668

objFn after block 10.1156

objFn after block 15.2559

objFn after block 20.3543

-20.3543

3 38 -20.3839 0.0577832 0.25 Incremental search (ES-wcm)

objFn after block 4.9298

objFn after block 10.0587

objFn after block 15.1515

objFn after block 20.2056

-20.2056

objFn after block 4.9632

objFn after block 10.1185

objFn after block 15.2641

objFn after block 20.3689

-20.3689

objFn after block 4.9604

objFn after block 10.1086

objFn after block 15.2438

objFn after block 20.3356

-20.3356

objFn after block 4.9212

objFn after block 10.0212

objFn after block 15.0337

objFn after block 20.1074

-20.1074

objFn after block 4.984

objFn after block 10.1325

objFn after block 15.2801

objFn after block 20.3716

-20.3716

objFn after block 4.9412

objFn after block 10.1081

objFn after block 15.2599

objFn after block 20.3764

-20.3764

objFn after block 4.9563

objFn after block 10.1026

objFn after block 15.1435

objFn after block 20.1974

-20.1974

3 45 -20.3945 0.0573582 0.125 Refine grid Train

objFn after block 4.9829

objFn after block 10.1041

objFn after block 15.1573

objFn after block 20.2203

-20.2203

objFn after block 5.0059

objFn after block 10.1626

objFn after block 15.2971

objFn after block 20.409

-20.409

4 47 -20.4464 0.0391924 0.125 Successful search (ES-wcm)

objFn after block 4.9891

objFn after block 10.136

objFn after block 15.251

objFn after block 20.3515

-20.3515

objFn after block 5.0129

objFn after block 10.1653

objFn after block 15.3069

objFn after block 20.4248

-20.4248

4 49 -20.4511 0.0326205 0.125 Incremental search (ES-wcm)

objFn after block 4.997

objFn after block 10.1411

objFn after block 15.2843

objFn after block 20.3837

-20.3837

objFn after block 4.9622

objFn after block 10.107

objFn after block 15.2464

objFn after block 20.3488

-20.3488

objFn after block 5.0054

objFn after block 10.1612

objFn after block 15.2968

objFn after block 20.4061

-20.4061

objFn after block 5.0089

objFn after block 10.167

objFn after block 15.2424

objFn after block 20.3648

-20.3648

objFn after block 4.9892

objFn after block 10.1365

objFn after block 15.1981

objFn after block 20.326

-20.326

objFn after block 5.0085

objFn after block 10.1631

objFn after block 15.3068

objFn after block 20.4288

-20.4288

objFn after block 5.0036

objFn after block 10.1588

objFn after block 15.2939

objFn after block 20.4034

-20.4034

objFn after block 4.9694

objFn after block 10.1241

objFn after block 15.2723

objFn after block 20.3827

-20.3827

objFn after block 5.0103

objFn after block 10.1587

objFn after block 15.2978

objFn after block 20.4132

-20.4132

objFn after block 4.9736

objFn after block 10.1121

objFn after block 15.2495

objFn after block 20.326

-20.326

4 59 -20.4511 0.0326205 0.0625 Refine grid Train

objFn after block 5.0082

objFn after block 10.1704

objFn after block 15.3111

objFn after block 20.4239

-20.4239

5 60 -20.4199 0.01811 0.0625 Successful search (ES-ell)

objFn after block 4.9991

objFn after block 10.1623

objFn after block 15.233

objFn after block 20.3288

-20.3288

objFn after block 5.0052

objFn after block 10.1737

objFn after block 15.2486

objFn after block 20.3685

-20.3685

objFn after block 5.0153

objFn after block 10.1842

objFn after block 15.3323

objFn after block 20.4532

-20.4532

5 63 -20.4207 0.0158153 0.0625 Incremental search (ES-wcm)

objFn after block 4.9804

objFn after block 10.1464

objFn after block 15.2321

objFn after block 20.3599

-20.3599

objFn after block 4.9989

objFn after block 10.1626

objFn after block 15.2464

objFn after block 20.3726

-20.3726

objFn after block 5.0107

objFn after block 10.1843

objFn after block 15.336

objFn after block 20.4603

-20.4603

objFn after block 4.9963

objFn after block 10.1578

objFn after block 15.2377

objFn after block 20.3637

-20.3637

objFn after block 4.9822

objFn after block 10.1487

objFn after block 15.2375

objFn after block 20.363

-20.363

objFn after block 5.0087

objFn after block 10.1791

objFn after block 15.315

objFn after block 20.4375

-20.4375

objFn after block 5.0121

objFn after block 10.1729

objFn after block 15.3249

objFn after block 20.4499

-20.4499

objFn after block 5.0107

objFn after block 10.1765

objFn after block 15.3071

objFn after block 20.4233

-20.4233

objFn after block 5.0058

objFn after block 10.1732

objFn after block 15.3199

objFn after block 20.4392

-20.4392

objFn after block 5.0074

objFn after block 10.1649

objFn after block 15.2994

objFn after block 20.413

-20.413

5 73 -20.4207 0.0158153 0.03125 Refine grid Train

objFn after block 5.012

objFn after block 10.1769

objFn after block 15.3216

objFn after block 20.4396

-20.4396

6 74 -20.4208 0.0102681 0.03125 Incremental search (ES-ell)

objFn after block 5.0123

objFn after block 10.1784

objFn after block 15.3223

objFn after block 20.441

-20.441

6 75 -20.4312 0.0136124 0.03125 Successful search (ES-ell)

objFn after block 5.0097

objFn after block 10.1728

objFn after block 15.2413

objFn after block 20.3584

-20.3584

objFn after block 5.0133

objFn after block 10.1815

objFn after block 15.3257

objFn after block 20.4472

-20.4472

objFn after block 5.0127

objFn after block 10.1789

objFn after block 15.322

objFn after block 20.441

-20.441

objFn after block 5.0118

objFn after block 10.178

objFn after block 15.3219

objFn after block 20.4408

-20.4408

objFn after block 5.0117

objFn after block 10.1782

objFn after block 15.3226

objFn after block 20.4418

-20.4418

objFn after block 5.0047

objFn after block 10.1719

objFn after block 15.3158

objFn after block 20.44

-20.44

objFn after block 5.0082

objFn after block 10.1686

objFn after block 15.3065

objFn after block 20.4205

-20.4205

objFn after block 5.0117

objFn after block 10.1788

objFn after block 15.3242

objFn after block 20.4442

-20.4442

objFn after block 5.0144

objFn after block 10.1834

objFn after block 15.3299

objFn after block 20.4512

-20.4512

objFn after block 5.0092

objFn after block 10.1738

objFn after block 15.2439

objFn after block 20.3593

-20.3593

objFn after block 5.0113

objFn after block 10.1766

objFn after block 15.3204

objFn after block 20.4391

-20.4391

objFn after block 5.0087

objFn after block 10.1816

objFn after block 15.2611

objFn after block 20.3816

-20.3816

6 87 -20.4317 0.00796537 0.015625 Refine grid Train

objFn after block 5.0134

objFn after block 10.1808

objFn after block 15.2547

objFn after block 20.3757

-20.3757

objFn after block 5.0149

objFn after block 10.1859

objFn after block 15.2615

objFn after block 20.3848

-20.3848

objFn after block 5.0137

objFn after block 10.1826

objFn after block 15.3294

objFn after block 20.4515

-20.4515

objFn after block 5.0151

objFn after block 10.1837

objFn after block 15.2454

objFn after block 20.3679

-20.3679

objFn after block 5.0123

objFn after block 10.1777

objFn after block 15.2481

objFn after block 20.3672

-20.3672

objFn after block 5.0145

objFn after block 10.1839

objFn after block 15.3303

objFn after block 20.4579

-20.4579

objFn after block 5.0155

objFn after block 10.1852

objFn after block 15.3325

objFn after block 20.454

-20.454

objFn after block 5.0123

objFn after block 10.1803

objFn after block 15.3251

objFn after block 20.4452

-20.4452

objFn after block 5.0076

objFn after block 10.1758

objFn after block 15.3215

objFn after block 20.4428

-20.4428

objFn after block 5.0087

objFn after block 10.1806

objFn after block 15.3174

objFn after block 20.4398

-20.4398

7 97 -20.4277 0.00746548 0.0078125 Refine grid Train

objFn after block 5.006

objFn after block 10.1748

objFn after block 15.3201

objFn after block 20.4404

-20.4404

objFn after block 5.0154

objFn after block 10.1839

objFn after block 15.33

objFn after block 20.4508

-20.4508

objFn after block 5.0137

objFn after block 10.1822

objFn after block 15.3287

objFn after block 20.4499

-20.4499

objFn after block 5.0147

objFn after block 10.1832

objFn after block 15.3299

objFn after block 20.4516

-20.4516

objFn after block 5.0142

objFn after block 10.1826

objFn after block 15.3292

objFn after block 20.4506

-20.4506

objFn after block 5.0147

objFn after block 10.1831

objFn after block 15.3301

objFn after block 20.4514

-20.4514

objFn after block 5.0141

objFn after block 10.1825

objFn after block 15.316

objFn after block 20.4371

-20.4371

objFn after block 5.0145

objFn after block 10.1826

objFn after block 15.3297

objFn after block 20.4507

-20.4507

objFn after block 5.0054

objFn after block 10.1737

objFn after block 15.32

objFn after block 20.442

-20.442

objFn after block 5.007

objFn after block 10.1764

objFn after block 15.3229

objFn after block 20.4444

-20.4444

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -20.4469 ± 0.00171054 (mean ± SEM from 10 samples).

optiParams =

0.0791 0.4254 0.5676

fVal =

-20.4469

Elapsed time is 5332.585517 seconds.

Analyzing subject 25 on blocks of postdictive condition.

objFn after block 4.8582

objFn after block 9.653

objFn after block 14.5453

objFn after block 19.3295

-19.3295

objFn after block 4.8712

objFn after block 9.7539

objFn after block 14.666

objFn after block 19.4476

-19.4476

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -19.3295 NaN 1 Uncertainty test

objFn after block 4.9709

objFn after block 9.9455

objFn after block 15.0015

objFn after block 19.9107

-19.9107

objFn after block 4.9597

objFn after block 9.7298

objFn after block 14.7192

objFn after block 19.6608

-19.6608

objFn after block 4.8888

objFn after block 9.8194

objFn after block 14.7586

objFn after block 19.648

-19.648

objFn after block 3.9093

objFn after block 6.0075

objFn after block 10.3563

objFn after block 14.5706

-14.5706

objFn after block 5.0534

objFn after block 10.0283

objFn after block 15.0402

objFn after block 20.0728

-20.0728

objFn after block 5.0118

objFn after block 9.976

objFn after block 15.0286

objFn after block 20.0198

-20.0198

objFn after block 4.7881

objFn after block 9.5962

objFn after block 14.4695

objFn after block 19.2348

-19.2348

objFn after block 5.0288

objFn after block 9.9881

objFn after block 15.0031

objFn after block 20.043

-20.043

objFn after block 4.9052

objFn after block 9.7694

objFn after block 14.718

objFn after block 19.6059

-19.6059

objFn after block 5.0186

objFn after block 9.8271

objFn after block 14.6819

objFn after block 19.5768

-19.5768

objFn after block 4.7776

objFn after block 9.3871

objFn after block 14.0569

objFn after block 18.8779

-18.8779

objFn after block 4.9355

objFn after block 9.7897

objFn after block 14.7264

objFn after block 19.6446

-19.6446

objFn after block 4.9246

objFn after block 9.6221

objFn after block 14.4549

objFn after block 19.3236

-19.3236

objFn after block 4.8792

objFn after block 9.6888

objFn after block 14.5318

objFn after block 19.3703

-19.3703

objFn after block 4.8056

objFn after block 9.582

objFn after block 14.2925

objFn after block 19.1114

-19.1114

objFn after block 4.7631

objFn after block 9.3571

objFn after block 14.1617

objFn after block 18.8422

-18.8422

objFn after block 4.7591

objFn after block 9.4298

objFn after block 14.1256

objFn after block 18.8696

-18.8696

objFn after block 4.7661

objFn after block 9.4686

objFn after block 14.236

objFn after block 18.9681

-18.9681

objFn after block 4.7729

objFn after block 9.4057

objFn after block 14.077

objFn after block 18.6409

-18.6409

objFn after block 4.7142

objFn after block 9.2064

objFn after block 13.8168

objFn after block 18.5254

-18.5254

0 22 -20.0728 NaN 1 Initial mesh

objFn after block 4.8535

objFn after block 9.5909

objFn after block 14.474

objFn after block 19.3502

-19.3502

objFn after block 5.0236

objFn after block 10.0063

objFn after block 14.991

objFn after block 20.0117

-20.0117

objFn after block 4.9154

objFn after block 9.619

objFn after block 14.3422

objFn after block 19.105

-19.105

objFn after block 4.3509

objFn after block 8.5697

objFn after block 13.3309

objFn after block 17.5664

-17.5664

1 26 -20.0728 1 0.5 Refine grid Train

objFn after block 4.8919

objFn after block 9.7732

objFn after block 14.7913

objFn after block 19.7111

-19.7111

objFn after block 4.5404

objFn after block 9.2675

objFn after block 14.0631

objFn after block 18.4747

-18.4747

objFn after block 5.0048

objFn after block 9.9647

objFn after block 14.9813

objFn after block 19.9684

-19.9684

objFn after block 5.0573

objFn after block 10.0043

objFn after block 15.0359

objFn after block 20.0833

-20.0833

2 30 -20.0848 0.110532 0.5 Incremental search (ES-wcm)

objFn after block 5.0264

objFn after block 9.9866

objFn after block 15.0102

objFn after block 19.9843

-19.9843

objFn after block 5.0137

objFn after block 9.9713

objFn after block 14.9893

objFn after block 19.9943

-19.9943

objFn after block 4.9831

objFn after block 9.8257

objFn after block 14.7623

objFn after block 19.655

-19.655

objFn after block 5.0734

objFn after block 10.0672

objFn after block 15.0976

objFn after block 20.1011

-20.1011

objFn after block 5.0462

objFn after block 9.9717

objFn after block 14.8502

objFn after block 19.7739

-19.7739

2 35 -20.0848 0.110532 0.25 Refine grid Train

objFn after block 5.0468

objFn after block 10.0179

objFn after block 15.0784

objFn after block 20.1188

-20.1188

3 36 -20.0812 0.250643 0.25 Incremental search (ES-wcm)

objFn after block 5.034

objFn after block 10.0113

objFn after block 15.0609

objFn after block 20.0764

-20.0764

objFn after block 4.9954

objFn after block 9.9958

objFn after block 15.0225

objFn after block 19.9951

-19.9951

objFn after block 5.0474

objFn after block 10.0069

objFn after block 15.0383

objFn after block 20.0792

-20.0792

3 39 -20.0943 0.224098 0.25 Incremental search (ES-wcm)

objFn after block 5.059

objFn after block 10.0747

objFn after block 15.1129

objFn after block 20.1695

-20.1695

objFn after block 5.0134

objFn after block 9.9242

objFn after block 14.9629

objFn after block 19.9527

-19.9527

objFn after block 5.007

objFn after block 9.9911

objFn after block 15.0112

objFn after block 19.9978

-19.9978

objFn after block 5.0297

objFn after block 10.0027

objFn after block 15.0406

objFn after block 20.0605

-20.0605

objFn after block 5.0698

objFn after block 10.0218

objFn after block 15.0197

objFn after block 20.0836

-20.0836

3 44 -20.108 0.0613968 0.125 Refine grid Train

objFn after block 5.083

objFn after block 10.0212

objFn after block 15.0302

objFn after block 20.0215

-20.0215

objFn after block 5.0735

objFn after block 10.0741

objFn after block 15.0897

objFn after block 20.1594

-20.1594

4 46 -20.134 0.0492588 0.125 Incremental search (ES-ell)

objFn after block 5.0654

objFn after block 10.0615

objFn after block 15.0993

objFn after block 20.1602

-20.1602

4 47 -20.1661 0.0456793 0.125 Incremental search (ES-wcm)

objFn after block 4.9987

objFn after block 10.0308

objFn after block 15.1078

objFn after block 20.0541

-20.0541

objFn after block 5.0695

objFn after block 10.0682

objFn after block 15.1236

objFn after block 20.1908

-20.1908

objFn after block 5.0589

objFn after block 10.0423

objFn after block 15.0344

objFn after block 20.0887

-20.0887

objFn after block 5.0741

objFn after block 10.0772

objFn after block 15.098

objFn after block 20.1697

-20.1697

objFn after block 5.0338

objFn after block 10.0289

objFn after block 15.0608

objFn after block 20.0777

-20.0777

objFn after block 5.0561

objFn after block 10.0742

objFn after block 15.1018

objFn after block 20.1531

-20.1531

4 53 -20.1661 0.0456793 0.0625 Refine grid Train

objFn after block 5.0694

objFn after block 10.0681

objFn after block 15.0846

objFn after block 20.1497

-20.1497

5 54 -20.1625 0.0198227 0.0625 Incremental search (ES-wcm)

objFn after block 5.0747

objFn after block 10.0404

objFn after block 15.068

objFn after block 20.1397

-20.1397

objFn after block 5.0686

objFn after block 10.0698

objFn after block 15.0872

objFn after block 20.1531

-20.1531

objFn after block 5.065

objFn after block 10.0943

objFn after block 15.1367

objFn after block 20.1995

-20.1995

objFn after block 5.0643

objFn after block 10.0587

objFn after block 15.0962

objFn after block 20.1564

-20.1564

objFn after block 5.0719

objFn after block 10.0769

objFn after block 15.102

objFn after block 20.1713

-20.1713

objFn after block 5.0734

objFn after block 10.0655

objFn after block 15.0864

objFn after block 20.1566

-20.1566

objFn after block 5.0675

objFn after block 10.0612

objFn after block 15.0678

objFn after block 20.131

-20.131

objFn after block 5.0476

objFn after block 10.0541

objFn after block 15.0693

objFn after block 20.0914

-20.0914

5 62 -20.1625 0.0198227 0.03125 Refine grid

objFn after block 5.0591

objFn after block 10.0197

objFn after block 15.0567

objFn after block 20.1071

-20.1071

objFn after block 5.0699

objFn after block 10.0728

objFn after block 15.0937

objFn after block 20.1611

-20.1611

objFn after block 5.0695

objFn after block 10.0717

objFn after block 15.0918

objFn after block 20.1594

-20.1594

objFn after block 5.0693

objFn after block 10.0592

objFn after block 15.0788

objFn after block 20.1447

-20.1447

objFn after block 5.0664

objFn after block 10.0642

objFn after block 15.0777

objFn after block 20.1418

-20.1418

objFn after block 5.0697

objFn after block 10.0724

objFn after block 15.0915

objFn after block 20.1579

-20.1579

objFn after block 5.0724

objFn after block 10.0626

objFn after block 15.108

objFn after block 20.1762

-20.1762

objFn after block 5.0679

objFn after block 10.0639

objFn after block 15.0757

objFn after block 20.1401

-20.1401

objFn after block 5.0482

objFn after block 10.0547

objFn after block 15.0705

objFn after block 20.1172

-20.1172

6 71 -20.1602 0.14894 0.015625 Refine grid

objFn after block 5.0573

objFn after block 10.0062

objFn after block 15.0432

objFn after block 20.0879

-20.0879

objFn after block 5.069

objFn after block 10.069

objFn after block 15.0867

objFn after block 20.1524

-20.1524

objFn after block 5.0694

objFn after block 10.0701

objFn after block 15.0883

objFn after block 20.1544

-20.1544

objFn after block 5.0697

objFn after block 10.0698

objFn after block 15.1132

objFn after block 20.1794

-20.1794

objFn after block 5.0678

objFn after block 10.0655

objFn after block 15.1078

objFn after block 20.1712

-20.1712

objFn after block 5.0698

objFn after block 10.0702

objFn after block 15.1145

objFn after block 20.1812

-20.1812

objFn after block 5.0682

objFn after block 10.0675

objFn after block 15.0809

objFn after block 20.1456

-20.1456

objFn after block 5.0465

objFn after block 10.0466

objFn after block 15.0746

objFn after block 20.1198

-20.1198

7 79 -20.1635 0.13947 0.0078125 Refine grid

objFn after block 5.0682

objFn after block 10.0672

objFn after block 15.1089

objFn after block 20.1738

-20.1738

objFn after block 5.0686

objFn after block 10.0689

objFn after block 15.0847

objFn after block 20.15

-20.15

objFn after block 5.0687

objFn after block 10.0681

objFn after block 15.0836

objFn after block 20.149

-20.149

objFn after block 5.0694

objFn after block 10.0697

objFn after block 15.0859

objFn after block 20.1513

-20.1513

objFn after block 5.0683

objFn after block 10.0671

objFn after block 15.0832

objFn after block 20.1483

-20.1483

objFn after block 5.0685

objFn after block 10.0684

objFn after block 15.0835

objFn after block 20.1493

-20.1493

objFn after block 5.0694

objFn after block 10.0577

objFn after block 15.1004

objFn after block 20.1668

-20.1668

objFn after block 5.0688

objFn after block 10.068

objFn after block 15.0846

objFn after block 20.1507

-20.1507

objFn after block 5.0688

objFn after block 10.068

objFn after block 15.0838

objFn after block 20.1512

-20.1512

objFn after block 5.0691

objFn after block 10.0682

objFn after block 15.085

objFn after block 20.1491

-20.1491

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -20.1539 ± 0.0027955 (mean ± SEM from 10 samples).

optiParams =

0.2108 0.5982 0

fVal =

-20.1539

Elapsed time is 4501.038203 seconds.

Analyzing subject 26 on blocks of postdictive condition.

objFn after block 5.037

objFn after block 10.0489

objFn after block 15.0746

objFn after block 20.1149

-20.1149

objFn after block 5.016

objFn after block 10.027

objFn after block 15.0582

objFn after block 20.0982

-20.0982

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -20.1149 NaN 1 Uncertainty test

objFn after block 4.9593

objFn after block 9.7596

objFn after block 14.4629

objFn after block 19.418

-19.418

objFn after block 4.8685

objFn after block 9.7507

objFn after block 14.6761

objFn after block 19.6505

-19.6505

objFn after block 3.4963

objFn after block 7.9615

objFn after block 12.2892

objFn after block 16.7251

-16.7251

objFn after block 5.0145

objFn after block 9.9931

objFn after block 15.0469

objFn after block 20.1026

-20.1026

objFn after block 4.8347

objFn after block 9.7071

objFn after block 14.5929

objFn after block 19.4677

-19.4677

objFn after block 5.0284

objFn after block 9.9879

objFn after block 15.0159

objFn after block 20.0679

-20.0679

objFn after block 5.0599

objFn after block 10.0457

objFn after block 15.0998

objFn after block 20.1644

-20.1644

objFn after block 5.1241

objFn after block 10.1515

objFn after block 15.2776

objFn after block 20.1406

-20.1406

objFn after block 5.0865

objFn after block 10.1127

objFn after block 15.2203

objFn after block 20.2954

-20.2954

objFn after block 4.9638

objFn after block 9.9362

objFn after block 14.8903

objFn after block 19.8485

-19.8485

objFn after block 4.9085

objFn after block 9.832

objFn after block 14.7303

objFn after block 19.6502

-19.6502

objFn after block 5.0377

objFn after block 10.1136

objFn after block 15.1939

objFn after block 20.2298

-20.2298

objFn after block 5.0202

objFn after block 10.0462

objFn after block 15.0923

objFn after block 20.1351

-20.1351

objFn after block 4.941

objFn after block 9.9017

objFn after block 15.0102

objFn after block 19.9794

-19.9794

objFn after block 5.0004

objFn after block 9.9372

objFn after block 15.0047

objFn after block 20.0251

-20.0251

objFn after block 4.7878

objFn after block 9.6001

objFn after block 14.2999

objFn after block 19.1556

-19.1556

objFn after block 4.8114

objFn after block 9.6686

objFn after block 14.6652

objFn after block 19.5082

-19.5082

objFn after block 4.9414

objFn after block 9.8984

objFn after block 14.8457

objFn after block 19.7674

-19.7674

objFn after block 4.8815

objFn after block 9.7879

objFn after block 14.712

objFn after block 19.5846

-19.5846

objFn after block 4.2947

objFn after block 9.0424

objFn after block 13.8411

objFn after block 18.4

-18.4

0 22 -20.2954 NaN 1 Initial mesh

objFn after block 4.9771

objFn after block 9.9906

objFn after block 15.1049

objFn after block 20.1211

-20.1211

objFn after block 5.0341

objFn after block 10.0707

objFn after block 15.1383

objFn after block 20.1831

-20.1831

objFn after block 4.9775

objFn after block 9.9607

objFn after block 14.907

objFn after block 19.878

-19.878

objFn after block 4.0843

objFn after block 8.6752

objFn after block 13.0804

objFn after block 17.1462

-17.1462

objFn after block 4.7318

objFn after block 9.5022

objFn after block 14.4561

objFn after block 19.2377

-19.2377

1 27 -20.2954 1 0.5 Refine grid Train

objFn after block 3.7508

objFn after block 6.9383

objFn after block 10.5969

objFn after block 14.3502

-14.3502

objFn after block 5.0992

objFn after block 10.1309

objFn after block 15.2538

objFn after block 20.3443

-20.3443

2 29 -20.6663 0.145955 0.5 Successful search (ES-ell)

objFn after block 5.0192

objFn after block 10.0426

objFn after block 15.0814

objFn after block 20.107

-20.107

objFn after block 5.1208

objFn after block 10.1437

objFn after block 15.2504

objFn after block 20.3464

-20.3464

objFn after block 4.7718

objFn after block 9.6763

objFn after block 14.7988

objFn after block 19.6582

-19.6582

objFn after block 5.0959

objFn after block 10.1279

objFn after block 15.23

objFn after block 20.3339

-20.3339

objFn after block 5.0651

objFn after block 10.1295

objFn after block 15.2147

objFn after block 20.2686

-20.2686

objFn after block 5.0895

objFn after block 10.0968

objFn after block 15.2075

objFn after block 20.3041

-20.3041

objFn after block 5.0517

objFn after block 10.0288

objFn after block 15.0837

objFn after block 20.1396

-20.1396

objFn after block 5.0809

objFn after block 10.0983

objFn after block 15.1927

objFn after block 20.2717

-20.2717

objFn after block 5.1128

objFn after block 10.1617

objFn after block 15.2621

objFn after block 20.3099

-20.3099

objFn after block 5.0164

objFn after block 9.9729

objFn after block 15.0697

objFn after block 20.091

-20.091

objFn after block 5.1196

objFn after block 10.0367

objFn after block 15.1487

objFn after block 20.1638

-20.1638

objFn after block 5.0998

objFn after block 10.0709

objFn after block 15.1391

objFn after block 20.1429

-20.1429

2 41 -20.6663 0.145955 0.25 Refine grid

objFn after block 4.9682

objFn after block 9.9821

objFn after block 15.0912

objFn after block 20.0949

-20.0949

3 42 -20.4283 0.203615 0.25 Incremental search (ES-wcm)

objFn after block 5.0997

objFn after block 10.1983

objFn after block 15.3167

objFn after block 20.331

-20.331

objFn after block 4.6475

objFn after block 9.5066

objFn after block 14.4122

objFn after block 19.1776

-19.1776

objFn after block 4.8859

objFn after block 9.7063

objFn after block 14.8305

objFn after block 19.7006

-19.7006

objFn after block 5.1221

objFn after block 10.1338

objFn after block 15.2397

objFn after block 20.368

-20.368

objFn after block 5.1056

objFn after block 10.1301

objFn after block 15.2579

objFn after block 20.2988

-20.2988

objFn after block 5.1012

objFn after block 10.1384

objFn after block 15.2724

objFn after block 20.3165

-20.3165

objFn after block 4.8461

objFn after block 9.8245

objFn after block 14.9576

objFn after block 19.8482

-19.8482

objFn after block 4.9785

objFn after block 10.0033

objFn after block 15.1109

objFn after block 20.1199

-20.1199

objFn after block 4.9756

objFn after block 9.9957

objFn after block 15.0924

objFn after block 20.0959

-20.0959

3 51 -20.4283 0.203615 0.125 Refine grid

objFn after block 5.1169

objFn after block 10.1531

objFn after block 15.2458

objFn after block 20.3801

-20.3801

4 52 -20.4206 0.0969108 0.125 Incremental search (ES-wcm)

objFn after block 5.0904

objFn after block 10.124

objFn after block 15.2295

objFn after block 20.3272

-20.3272

objFn after block 5.1218

objFn after block 10.1251

objFn after block 15.2276

objFn after block 20.3423

-20.3423

objFn after block 5.1024

objFn after block 10.1273

objFn after block 15.215

objFn after block 20.3379

-20.3379

objFn after block 5.1055

objFn after block 10.1069

objFn after block 15.2061

objFn after block 20.3184

-20.3184

objFn after block 5.1124

objFn after block 10.1437

objFn after block 15.2306

objFn after block 20.3593

-20.3593

objFn after block 5.1012

objFn after block 10.1264

objFn after block 15.2066

objFn after block 20.3306

-20.3306

objFn after block 5.1263

objFn after block 10.1407

objFn after block 15.2511

objFn after block 20.3612

-20.3612

objFn after block 5.1197

objFn after block 10.1291

objFn after block 15.2337

objFn after block 20.3506

-20.3506

objFn after block 5.1137

objFn after block 10.1367

objFn after block 15.2355

objFn after block 20.2942

-20.2942

4 61 -20.4206 0.0969108 0.0625 Refine grid

objFn after block 5.0909

objFn after block 10.1185

objFn after block 15.2278

objFn after block 20.3196

-20.3196

objFn after block 5.1123

objFn after block 10.1139

objFn after block 15.2113

objFn after block 20.3219

-20.3219

5 63 -20.3806 0.0245711 0.0625 Incremental search (ES-ell)

objFn after block 5.1022

objFn after block 10.1161

objFn after block 15.2119

objFn after block 20.3259

-20.3259

objFn after block 5.1073

objFn after block 10.1113

objFn after block 15.2123

objFn after block 20.3255

-20.3255

objFn after block 5.1064

objFn after block 10.1351

objFn after block 15.2364

objFn after block 20.3425

-20.3425

objFn after block 5.108

objFn after block 10.1143

objFn after block 15.2176

objFn after block 20.3324

-20.3324

objFn after block 5.0946

objFn after block 10.1252

objFn after block 15.2213

objFn after block 20.3364

-20.3364

objFn after block 5.0993

objFn after block 10.1039

objFn after block 15.2051

objFn after block 20.319

-20.319

objFn after block 5.1113

objFn after block 10.146

objFn after block 15.2442

objFn after block 20.3768

-20.3768

objFn after block 5.1177

objFn after block 10.1179

objFn after block 15.2155

objFn after block 20.326

-20.326

5 71 -20.3806 0.0245711 0.03125 Refine grid

objFn after block 5.0994

objFn after block 10.1361

objFn after block 15.2503

objFn after block 20.3508

-20.3508

objFn after block 5.1121

objFn after block 10.117

objFn after block 15.2168

objFn after block 20.3354

-20.3354

objFn after block 5.1108

objFn after block 10.1123

objFn after block 15.2103

objFn after block 20.3421

-20.3421

objFn after block 5.0957

objFn after block 10.1283

objFn after block 15.2252

objFn after block 20.3418

-20.3418

objFn after block 5.0986

objFn after block 10.1024

objFn after block 15.2034

objFn after block 20.3163

-20.3163

objFn after block 5.1115

objFn after block 10.1454

objFn after block 15.2442

objFn after block 20.3767

-20.3767

objFn after block 5.1097

objFn after block 10.1722

objFn after block 15.2679

objFn after block 20.3985

-20.3985

objFn after block 5.0957

objFn after block 10.0952

objFn after block 15.1922

objFn after block 20.3022

-20.3022

objFn after block 5.0982

objFn after block 10.1013

objFn after block 15.2013

objFn after block 20.3136

-20.3136

objFn after block 5.0976

objFn after block 10.0987

objFn after block 15.196

objFn after block 20.3067

-20.3067

6 81 -20.3716 0.10922 0.015625 Refine grid

objFn after block 5.0972

objFn after block 10.1148

objFn after block 15.2303

objFn after block 20.3304

-20.3304

objFn after block 5.098

objFn after block 10.1009

objFn after block 15.1996

objFn after block 20.311

-20.311

objFn after block 5.097

objFn after block 10.1003

objFn after block 15.1986

objFn after block 20.311

-20.311

objFn after block 5.0962

objFn after block 10.1304

objFn after block 15.229

objFn after block 20.3401

-20.3401

objFn after block 5.0969

objFn after block 10.0991

objFn after block 15.1975

objFn after block 20.3141

-20.3141

objFn after block 5.1116

objFn after block 10.1442

objFn after block 15.2411

objFn after block 20.3582

-20.3582

objFn after block 5.1052

objFn after block 10.1087

objFn after block 15.2077

objFn after block 20.3195

-20.3195

objFn after block 5.0974

objFn after block 10.101

objFn after block 15.2

objFn after block 20.3112

-20.3112

objFn after block 5.0958

objFn after block 10.0976

objFn after block 15.1949

objFn after block 20.3059

-20.3059

objFn after block 5.1042

objFn after block 10.1055

objFn after block 15.204

objFn after block 20.3223

-20.3223

7 91 -20.369 0.102827 0.0078125 Refine grid

objFn after block 5.097

objFn after block 10.0989

objFn after block 15.1974

objFn after block 20.3086

-20.3086

objFn after block 5.0972

objFn after block 10.099

objFn after block 15.197

objFn after block 20.3083

-20.3083

objFn after block 5.097

objFn after block 10.0991

objFn after block 15.1974

objFn after block 20.3081

-20.3081

objFn after block 5.0965

objFn after block 10.0984

objFn after block 15.1967

objFn after block 20.3069

-20.3069

objFn after block 5.0967

objFn after block 10.0991

objFn after block 15.1971

objFn after block 20.308

-20.308

objFn after block 5.0979

objFn after block 10.1

objFn after block 15.1983

objFn after block 20.3094

-20.3094

objFn after block 5.1122

objFn after block 10.1266

objFn after block 15.2245

objFn after block 20.336

-20.336

objFn after block 5.0959

objFn after block 10.0991

objFn after block 15.1968

objFn after block 20.3082

-20.3082

objFn after block 5.1035

objFn after block 10.1068

objFn after block 15.2046

objFn after block 20.3161

-20.3161

objFn after block 5.1125

objFn after block 10.1143

objFn after block 15.2132

objFn after block 20.3239

-20.3239

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -20.3133 ± 0.00301501 (mean ± SEM from 10 samples).

optiParams =

0.3364 0.2476 0.4868

fVal =

-20.3133

Elapsed time is 4873.756733 seconds.

Analyzing subject 28 on blocks of postdictive condition.

objFn after block 4.7958

objFn after block 9.548

objFn after block 14.3831

objFn after block 19.268

-19.268

objFn after block 4.7961

objFn after block 9.5291

objFn after block 14.3646

objFn after block 19.2492

-19.2492

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -19.268 NaN 1 Uncertainty test

objFn after block 4.4858

objFn after block 8.871

objFn after block 11.6627

objFn after block 15.6332

-15.6332

objFn after block 4.9789

objFn after block 9.88

objFn after block 14.8959

objFn after block 19.7646

-19.7646

objFn after block 4.9742

objFn after block 9.9334

objFn after block 14.9574

objFn after block 19.9579

-19.9579

objFn after block 4.9812

objFn after block 9.9072

objFn after block 14.9352

objFn after block 19.8896

-19.8896

objFn after block 4.9446

objFn after block 9.7446

objFn after block 14.7066

objFn after block 19.4936

-19.4936

objFn after block 4.8793

objFn after block 9.4522

objFn after block 14.3804

objFn after block 19.2791

-19.2791

objFn after block 4.8823

objFn after block 9.6024

objFn after block 14.526

objFn after block 19.3598

-19.3598

objFn after block 4.931

objFn after block 9.7381

objFn after block 14.736

objFn after block 19.6586

-19.6586

objFn after block 4.8928

objFn after block 9.6989

objFn after block 14.6579

objFn after block 19.5536

-19.5536

objFn after block 4.8294

objFn after block 9.6258

objFn after block 14.5644

objFn after block 19.4071

-19.4071

objFn after block 4.8628

objFn after block 9.6017

objFn after block 14.5096

objFn after block 19.4008

-19.4008

objFn after block 4.6383

objFn after block 9.3407

objFn after block 14.1615

objFn after block 18.9466

-18.9466

objFn after block 4.6689

objFn after block 9.1421

objFn after block 13.8627

objFn after block 18.5571

-18.5571

objFn after block 3.3166

objFn after block 7.3432

objFn after block 11.2434

objFn after block 15.1094

-15.1094

objFn after block 4.5673

objFn after block 9.2287

objFn after block 13.9441

objFn after block 18.7831

-18.7831

objFn after block 4.6533

objFn after block 9.3293

objFn after block 14.104

objFn after block 18.8895

-18.8895

objFn after block 4.4415

objFn after block 8.962

objFn after block 13.5665

objFn after block 18.2331

-18.2331

objFn after block 4.5476

objFn after block 8.9732

objFn after block 13.5316

objFn after block 18.1717

-18.1717

objFn after block 4.2684

objFn after block 8.6983

objFn after block 13.0738

objFn after block 17.6152

-17.6152

objFn after block 4.5245

objFn after block 9.0775

objFn after block 13.6747

objFn after block 18.3701

-18.3701

0 22 -19.9579 NaN 1 Initial mesh

objFn after block 5.006

objFn after block 9.9872

objFn after block 15.0376

objFn after block 20.0217

-20.0217

objFn after block 4.9228

objFn after block 9.8585

objFn after block 14.8528

objFn after block 19.7187

-19.7187

objFn after block 4.6309

objFn after block 9.2324

objFn after block 13.9861

objFn after block 18.7936

-18.7936

1 25 -20.0703 0.151305 0.5 Refine grid Train

objFn after block 4.9542

objFn after block 9.9168

objFn after block 14.5669

objFn after block 19.2906

-19.2906

objFn after block 4.643

objFn after block 9.3146

objFn after block 13.7224

objFn after block 18.2061

-18.2061

objFn after block 5.0103

objFn after block 9.9988

objFn after block 15.0369

objFn after block 19.9842

-19.9842

objFn after block 4.9963

objFn after block 9.9339

objFn after block 14.9826

objFn after block 19.9588

-19.9588

objFn after block 5.0195

objFn after block 9.9159

objFn after block 14.9298

objFn after block 19.8645

-19.8645

objFn after block 5.0158

objFn after block 9.9925

objFn after block 15.0429

objFn after block 20.0317

-20.0317

objFn after block 4.9199

objFn after block 9.758

objFn after block 14.6881

objFn after block 19.6154

-19.6154

objFn after block 5.0206

objFn after block 10.0001

objFn after block 15.048

objFn after block 20.0429

-20.0429

objFn after block 5.024

objFn after block 9.7309

objFn after block 14.6811

objFn after block 19.6141

-19.6141

2 34 -20.0703 0.151305 0.25 Refine grid Train

objFn after block 5.0155

objFn after block 9.8697

objFn after block 14.8906

objFn after block 19.8841

-19.8841

objFn after block 5.0652

objFn after block 10.081

objFn after block 15.1379

objFn after block 20.1622

-20.1622

3 36 -20.1032 0.0865268 0.25 Incremental search (ES-ell)

objFn after block 4.7591

objFn after block 9.4959

objFn after block 14.2266

objFn after block 18.6636

-18.6636

objFn after block 4.9864

objFn after block 9.9561

objFn after block 14.7665

objFn after block 19.6924

-19.6924

objFn after block 5.0837

objFn after block 10.1218

objFn after block 15.0788

objFn after block 20.1252

-20.1252

objFn after block 5.021

objFn after block 10.0213

objFn after block 15.0611

objFn after block 20.0413

-20.0413

objFn after block 5.0698

objFn after block 10.1106

objFn after block 15.0608

objFn after block 20.0451

-20.0451

objFn after block 5.0712

objFn after block 10.0814

objFn after block 15.0551

objFn after block 20.0682

-20.0682

objFn after block 5.0563

objFn after block 10.0759

objFn after block 15.1401

objFn after block 20.1599

-20.1599

3 43 -20.1148 0.0421475 0.125 Refine grid Train

objFn after block 5.0507

objFn after block 10.0593

objFn after block 15.114

objFn after block 20.1256

-20.1256

4 44 -20.1633 0.0266673 0.125 Incremental search (ES-ell)

objFn after block 5.0297

objFn after block 9.9854

objFn after block 15.0092

objFn after block 20.0002

-20.0002

objFn after block 5.0222

objFn after block 9.984

objFn after block 15.0373

objFn after block 20.0269

-20.0269

objFn after block 5.0743

objFn after block 10.0875

objFn after block 15.0394

objFn after block 20.0548

-20.0548

objFn after block 5.0346

objFn after block 10.0767

objFn after block 15.1119

objFn after block 20.1299

-20.1299

objFn after block 5.0571

objFn after block 10.0842

objFn after block 15.0431

objFn after block 20.0908

-20.0908

objFn after block 5.0645

objFn after block 10.0434

objFn after block 15.0957

objFn after block 20.0923

-20.0923

objFn after block 5.0372

objFn after block 10.0483

objFn after block 15.1057

objFn after block 20.134

-20.134

objFn after block 5.0569

objFn after block 10.0643

objFn after block 15.1099

objFn after block 20.1229

-20.1229

objFn after block 5.03

objFn after block 10.0034

objFn after block 15.041

objFn after block 20.0456

-20.0456

4 53 -20.1633 0.0266673 0.0625 Refine grid Train

objFn after block 5.0712

objFn after block 10.0701

objFn after block 15.1236

objFn after block 20.1473

-20.1473

5 54 -20.1452 0.0199633 0.0625 Incremental search (ES-ell)

objFn after block 5.0687

objFn after block 10.1005

objFn after block 15.1755

objFn after block 20.209

-20.209

5 55 -20.1676 0.0386895 0.0625 Successful search (ES-wcm)

objFn after block 5.0398

objFn after block 9.9477

objFn after block 15.0091

objFn after block 20.0103

-20.0103

objFn after block 5.0644

objFn after block 10.0715

objFn after block 15.1437

objFn after block 20.1704

-20.1704

objFn after block 5.0693

objFn after block 10.1201

objFn after block 15.1959

objFn after block 20.2197

-20.2197

5 58 -20.1793 0.0263569 0.0625 Incremental search (ES-ell)

objFn after block 5.0496

objFn after block 10.0511

objFn after block 15.083

objFn after block 20.0967

-20.0967

objFn after block 5.0744

objFn after block 10.0878

objFn after block 15.1655

objFn after block 20.2029

-20.2029

5 60 -20.1829 0.0242069 0.0625 Incremental search (ES-wcm)

objFn after block 5.0749

objFn after block 10.1052

objFn after block 15.1831

objFn after block 20.2122

-20.2122

5 61 -20.1892 0.0214185 0.0625 Incremental search (ES-ell)

objFn after block 5.0727

objFn after block 10.0883

objFn after block 15.1649

objFn after block 20.183

-20.183

objFn after block 5.0676

objFn after block 10.0918

objFn after block 15.1641

objFn after block 20.1865

-20.1865

objFn after block 5.0746

objFn after block 10.1061

objFn after block 15.1773

objFn after block 20.2047

-20.2047

objFn after block 5.0793

objFn after block 10.1218

objFn after block 15.2036

objFn after block 20.2463

-20.2463

objFn after block 5.0514

objFn after block 10.091

objFn after block 15.1731

objFn after block 20.1726

-20.1726

objFn after block 5.0644

objFn after block 10.0824

objFn after block 15.1318

objFn after block 20.1638

-20.1638

5 67 -20.1985 0.0141133 0.03125 Refine grid Train

objFn after block 5.0673

objFn after block 10.0793

objFn after block 15.1503

objFn after block 20.1703

-20.1703

objFn after block 5.0711

objFn after block 10.1044

objFn after block 15.1783

objFn after block 20.2038

-20.2038

objFn after block 5.0697

objFn after block 10.0719

objFn after block 15.1453

objFn after block 20.1681

-20.1681

objFn after block 5.0689

objFn after block 10.0599

objFn after block 15.1339

objFn after block 20.1541

-20.1541

objFn after block 5.0719

objFn after block 10.1033

objFn after block 15.1779

objFn after block 20.2033

-20.2033

objFn after block 5.0684

objFn after block 10.09

objFn after block 15.1635

objFn after block 20.1958

-20.1958

objFn after block 5.0677

objFn after block 10.0962

objFn after block 15.1683

objFn after block 20.1889

-20.1889

objFn after block 5.072

objFn after block 10.1269

objFn after block 15.2013

objFn after block 20.211

-20.211

objFn after block 5.0652

objFn after block 10.0745

objFn after block 15.1444

objFn after block 20.1698

-20.1698

objFn after block 5.0637

objFn after block 10.0635

objFn after block 15.1341

objFn after block 20.1549

-20.1549

6 77 -20.2016 0.0126652 0.015625 Refine grid Train

objFn after block 5.0707

objFn after block 10.1045

objFn after block 15.1784

objFn after block 20.2128

-20.2128

7 78 -20.1949 0.00728954 0.015625 Successful search (ES-ell)

objFn after block 5.0735

objFn after block 10.1054

objFn after block 15.1828

objFn after block 20.2107

-20.2107

7 79 -20.1978 0.008096 0.015625 Successful search (ES-ell)

objFn after block 5.0774

objFn after block 10.1111

objFn after block 15.1901

objFn after block 20.2272

-20.2272

7 80 -20.2004 0.00892379 0.015625 Successful search (ES-wcm)

objFn after block 5.0644

objFn after block 10.1024

objFn after block 15.1826

objFn after block 20.2204

-20.2204

7 81 -20.2008 0.010682 0.015625 Incremental search (ES-wcm)

objFn after block 5.0801

objFn after block 10.1154

objFn after block 15.1724

objFn after block 20.1955

-20.1955

objFn after block 5.0793

objFn after block 10.0841

objFn after block 15.1653

objFn after block 20.18

-20.18

objFn after block 5.0799

objFn after block 10.0984

objFn after block 15.1558

objFn after block 20.1875

-20.1875

objFn after block 5.0788

objFn after block 10.1364

objFn after block 15.2177

objFn after block 20.2306

-20.2306

7 85 -20.201 0.00795617 0.015625 Incremental search (ES-wcm)

objFn after block 5.0804

objFn after block 10.1165

objFn after block 15.1991

objFn after block 20.2414

-20.2414

objFn after block 5.0764

objFn after block 10.1083

objFn after block 15.1882

objFn after block 20.2247

-20.2247

objFn after block 5.0788

objFn after block 10.0961

objFn after block 15.1768

objFn after block 20.1821

-20.1821

objFn after block 5.0778

objFn after block 10.1131

objFn after block 15.1922

objFn after block 20.2127

-20.2127

objFn after block 5.0824

objFn after block 10.1299

objFn after block 15.2116

objFn after block 20.2239

-20.2239

7 90 -20.206 0.00712442 0.03125 Successful poll

objFn after block 5.0782

objFn after block 10.1119

objFn after block 15.1691

objFn after block 20.2012

-20.2012

objFn after block 5.0785

objFn after block 10.1388

objFn after block 15.2203

objFn after block 20.2707

-20.2707

8 92 -20.2097 0.00777834 0.03125 Incremental search (ES-wcm)

objFn after block 5.0816

objFn after block 10.118

objFn after block 15.1776

objFn after block 20.2127

-20.2127

objFn after block 5.0802

objFn after block 10.116

objFn after block 15.1741

objFn after block 20.2071

-20.2071

objFn after block 5.0774

objFn after block 10.1125

objFn after block 15.1934

objFn after block 20.2221

-20.2221

objFn after block 5.0817

objFn after block 10.118

objFn after block 15.1767

objFn after block 20.2295

-20.2295

objFn after block 5.0767

objFn after block 10.0932

objFn after block 15.1743

objFn after block 20.2124

-20.2124

objFn after block 5.0828

objFn after block 10.1453

objFn after block 15.228

objFn after block 20.2266

-20.2266

objFn after block 5.0755

objFn after block 10.0998

objFn after block 15.1772

objFn after block 20.2135

-20.2135

objFn after block 5.0739

objFn after block 10.0859

objFn after block 15.1402

objFn after block 20.1689

-20.1689

8 100 -20.2136 0.00537959 0.015625 Refine grid

objFn after block 5.0811

objFn after block 10.1393

objFn after block 15.2219

objFn after block 20.2504

-20.2504

9 101 -20.2147 0.00617601 0.015625 Incremental search (ES-ell)

objFn after block 5.0826

objFn after block 10.1201

objFn after block 15.1797

objFn after block 20.2074

-20.2074

objFn after block 5.0825

objFn after block 10.1121

objFn after block 15.1723

objFn after block 20.1962

-20.1962

objFn after block 5.0824

objFn after block 10.1207

objFn after block 15.1801

objFn after block 20.1881

-20.1881

objFn after block 5.0801

objFn after block 10.1163

objFn after block 15.1985

objFn after block 20.2207

-20.2207

objFn after block 5.0809

objFn after block 10.1178

objFn after block 15.176

objFn after block 20.2067

-20.2067

objFn after block 5.0834

objFn after block 10.1085

objFn after block 15.1918

objFn after block 20.1988

-20.1988

objFn after block 5.0778

objFn after block 10.1123

objFn after block 15.1698

objFn after block 20.2108

-20.2108

objFn after block 5.0775

objFn after block 10.1012

objFn after block 15.1572

objFn after block 20.1774

-20.1774

objFn after block 5.0808

objFn after block 10.0985

objFn after block 15.1802

objFn after block 20.2175

-20.2175

9 110 -20.2147 0.00617601 0.0078125 Refine grid

objFn after block 5.0786

objFn after block 10.1122

objFn after block 15.1674

objFn after block 20.1972

-20.1972

objFn after block 5.0772

objFn after block 10.1115

objFn after block 15.1675

objFn after block 20.1982

-20.1982

objFn after block 5.078

objFn after block 10.1111

objFn after block 15.1916

objFn after block 20.2295

-20.2295

objFn after block 5.0772

objFn after block 10.1108

objFn after block 15.1904

objFn after block 20.22

-20.22

objFn after block 5.077

objFn after block 10.1116

objFn after block 15.1672

objFn after block 20.2066

-20.2066

objFn after block 5.077

objFn after block 10.0936

objFn after block 15.1498

objFn after block 20.1907

-20.1907

objFn after block 5.0775

objFn after block 10.1355

objFn after block 15.1916

objFn after block 20.2308

-20.2308

objFn after block 5.0765

objFn after block 10.0968

objFn after block 15.1774

objFn after block 20.223

-20.223

objFn after block 5.0777

objFn after block 10.1109

objFn after block 15.1913

objFn after block 20.2194

-20.2194

objFn after block 5.0773

objFn after block 10.1104

objFn after block 15.1907

objFn after block 20.2284

-20.2284

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -20.2144 ± 0.00471527 (mean ± SEM from 10 samples).

optiParams =

0.0969 0.5483 0.3647

fVal =

-20.2144

Elapsed time is 5490.146459 seconds.

Analyzing subject 29 on blocks of postdictive condition.

objFn after block 4.9529

objFn after block 9.9229

objFn after block 14.8244

objFn after block 19.7098

-19.7098

objFn after block 4.9659

objFn after block 9.9647

objFn after block 14.9207

objFn after block 19.8143

-19.8143

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -19.7098 NaN 1 Uncertainty test

objFn after block 4.9243

objFn after block 10.069

objFn after block 15.1326

objFn after block 20.2609

-20.2609

objFn after block 4.8391

objFn after block 9.7101

objFn after block 14.6183

objFn after block 19.5585

-19.5585

objFn after block 4.9018

objFn after block 10.0309

objFn after block 15.0452

objFn after block 20.1907

-20.1907

objFn after block 5.0085

objFn after block 10.0648

objFn after block 15.0643

objFn after block 20.0727

-20.0727

objFn after block 5.0228

objFn after block 10.0932

objFn after block 15.0812

objFn after block 20.1751

-20.1751

objFn after block 5.0355

objFn after block 10.0812

objFn after block 15.0465

objFn after block 20.0278

-20.0278

objFn after block 5.0241

objFn after block 9.9275

objFn after block 14.912

objFn after block 19.9755

-19.9755

objFn after block 4.9154

objFn after block 9.7971

objFn after block 14.5823

objFn after block 19.4362

-19.4362

objFn after block 4.9434

objFn after block 9.5574

objFn after block 14.0578

objFn after block 19.0016

-19.0016

objFn after block 5.0681

objFn after block 10.0906

objFn after block 15.0149

objFn after block 20.0578

-20.0578

objFn after block 4.8402

objFn after block 9.6919

objFn after block 14.5102

objFn after block 19.3634

-19.3634

objFn after block 5.053

objFn after block 9.9164

objFn after block 14.6137

objFn after block 19.591

-19.591

objFn after block 4.9856

objFn after block 9.9334

objFn after block 14.8001

objFn after block 19.7616

-19.7616

objFn after block 5.0403

objFn after block 9.9386

objFn after block 14.69

objFn after block 19.6423

-19.6423

objFn after block 4.9042

objFn after block 9.7508

objFn after block 14.501

objFn after block 19.3626

-19.3626

objFn after block 4.7674

objFn after block 8.3573

objFn after block 12.4883

objFn after block 16.9189

-16.9189

objFn after block 4.9579

objFn after block 9.7852

objFn after block 14.5146

objFn after block 19.3642

-19.3642

objFn after block 4.8243

objFn after block 9.5622

objFn after block 14.0971

objFn after block 18.9465

-18.9465

objFn after block 4.9113

objFn after block 9.6518

objFn after block 14.2899

objFn after block 19.0845

-19.0845

objFn after block 4.338

objFn after block 8.3057

objFn after block 12.516

objFn after block 16.5822

-16.5822

0 22 -20.2609 NaN 1 Initial mesh

objFn after block 4.8816

objFn after block 10.0476

objFn after block 15.1218

objFn after block 20.2343

-20.2343

objFn after block 4.9847

objFn after block 10.0981

objFn after block 15.131

objFn after block 20.2196

-20.2196

objFn after block 5.0441

objFn after block 9.9944

objFn after block 14.8547

objFn after block 19.848

-19.848

objFn after block 4.8682

objFn after block 9.8188

objFn after block 14.715

objFn after block 19.6608

-19.6608

1 26 -20.2642 0.117302 0.5 Refine grid Train

objFn after block 4.3064

objFn after block 9.2091

objFn after block 13.7238

objFn after block 18.2074

-18.2074

objFn after block 4.5264

objFn after block 9.1754

objFn after block 13.7744

objFn after block 18.5496

-18.5496

objFn after block 4.995

objFn after block 10.0993

objFn after block 15.1117

objFn after block 20.2188

-20.2188

2 29 -20.4543 0.083968 0.5 Incremental search (ES-wcm)

objFn after block 4.9848

objFn after block 10.0351

objFn after block 15.0174

objFn after block 19.9791

-19.9791

objFn after block 5.0046

objFn after block 10.0935

objFn after block 15.1234

objFn after block 20.2133

-20.2133

objFn after block 4.9824

objFn after block 10.1139

objFn after block 15.1296

objFn after block 20.2463

-20.2463

objFn after block 4.9822

objFn after block 10.0575

objFn after block 15.0563

objFn after block 20.1092

-20.1092

objFn after block 5.0576

objFn after block 10.0293

objFn after block 14.986

objFn after block 20.0426

-20.0426

objFn after block 4.9685

objFn after block 10.0187

objFn after block 15.0116

objFn after block 20.0456

-20.0456

objFn after block 4.6498

objFn after block 9.4964

objFn after block 14.5026

objFn after block 19.4706

-19.4706

2 36 -20.4543 0.083968 0.25 Refine grid Train

objFn after block 4.9551

objFn after block 10.0931

objFn after block 15.1333

objFn after block 20.2434

-20.2434

3 37 -20.284 0.0654401 0.25 Incremental search (ES-ell)

objFn after block 5.0259

objFn after block 9.9889

objFn after block 15.0025

objFn after block 20.081

-20.081

objFn after block 4.8358

objFn after block 9.9976

objFn after block 15.0336

objFn after block 20.1409

-20.1409

objFn after block 5.0104

objFn after block 10.1437

objFn after block 15.1831

objFn after block 20.3004

-20.3004

3 40 -20.3199 0.0566075 0.25 Incremental search (ES-ell)

objFn after block 4.9986

objFn after block 10.1144

objFn after block 15.1597

objFn after block 20.2621

-20.2621

objFn after block 5.0043

objFn after block 10.1306

objFn after block 15.1723

objFn after block 20.282

-20.282

objFn after block 4.9518

objFn after block 10.1012

objFn after block 15.155

objFn after block 20.2806

-20.2806

objFn after block 4.9513

objFn after block 10.091

objFn after block 15.1358

objFn after block 20.26

-20.26

objFn after block 5.0246

objFn after block 10.121

objFn after block 15.1437

objFn after block 20.2377

-20.2377

objFn after block 4.9045

objFn after block 10.0576

objFn after block 15.1368

objFn after block 20.1953

-20.1953

3 46 -20.3199 0.0566075 0.125 Refine grid Train

objFn after block 5.0034

objFn after block 10.1311

objFn after block 15.1822

objFn after block 20.2933

-20.2933

4 47 -20.3285 0.0269333 0.125 Incremental search (ES-ell)

objFn after block 4.9431

objFn after block 10.0578

objFn after block 15.0936

objFn after block 20.1706

-20.1706

objFn after block 4.9125

objFn after block 10.0578

objFn after block 15.1129

objFn after block 20.2377

-20.2377

objFn after block 4.9924

objFn after block 10.1333

objFn after block 15.1932

objFn after block 20.3084

-20.3084

objFn after block 4.9823

objFn after block 10.1241

objFn after block 15.1698

objFn after block 20.2929

-20.2929

objFn after block 4.9903

objFn after block 10.1263

objFn after block 15.1809

objFn after block 20.2958

-20.2958

objFn after block 4.9192

objFn after block 10.0669

objFn after block 15.1383

objFn after block 20.2518

-20.2518

objFn after block 4.9629

objFn after block 10.0875

objFn after block 15.131

objFn after block 20.239

-20.239

objFn after block 5.001

objFn after block 10.1316

objFn after block 15.1789

objFn after block 20.2943

-20.2943

objFn after block 5.0041

objFn after block 10.1233

objFn after block 15.1556

objFn after block 20.2662

-20.2662

4 56 -20.3285 0.0269333 0.0625 Refine grid Train

objFn after block 4.9869

objFn after block 10.1155

objFn after block 15.1493

objFn after block 20.2635

-20.2635

objFn after block 4.9652

objFn after block 10.0985

objFn after block 15.1502

objFn after block 20.2641

-20.2641

objFn after block 4.9628

objFn after block 10.0978

objFn after block 15.1525

objFn after block 20.2647

-20.2647

objFn after block 4.9909

objFn after block 10.1263

objFn after block 15.1795

objFn after block 20.293

-20.293

objFn after block 4.9758

objFn after block 10.1169

objFn after block 15.1774

objFn after block 20.2901

-20.2901

objFn after block 5.0265

objFn after block 10.1525

objFn after block 15.194

objFn after block 20.3012

-20.3012

objFn after block 4.9854

objFn after block 10.1199

objFn after block 15.1731

objFn after block 20.2861

-20.2861

objFn after block 4.9821

objFn after block 10.1139

objFn after block 15.1646

objFn after block 20.2742

-20.2742

objFn after block 4.979

objFn after block 10.1168

objFn after block 15.1626

objFn after block 20.2799

-20.2799

objFn after block 4.9893

objFn after block 10.1183

objFn after block 15.1647

objFn after block 20.2708

-20.2708

5 66 -20.2938 0.0178325 0.03125 Refine grid Train

objFn after block 4.9571

objFn after block 10.0905

objFn after block 15.1277

objFn after block 20.2453

-20.2453

objFn after block 4.9897

objFn after block 10.1248

objFn after block 15.177

objFn after block 20.2901

-20.2901

objFn after block 4.9904

objFn after block 10.126

objFn after block 15.1798

objFn after block 20.2936

-20.2936

objFn after block 4.9917

objFn after block 10.125

objFn after block 15.1723

objFn after block 20.2845

-20.2845

objFn after block 5.0102

objFn after block 10.1389

objFn after block 15.1861

objFn after block 20.2875

-20.2875

objFn after block 4.986

objFn after block 10.1225

objFn after block 15.1786

objFn after block 20.2906

-20.2906

objFn after block 4.9893

objFn after block 10.1236

objFn after block 15.1719

objFn after block 20.284

-20.284

objFn after block 4.9752

objFn after block 10.1059

objFn after block 15.1546

objFn after block 20.2632

-20.2632

objFn after block 4.9639

objFn after block 10.0992

objFn after block 15.1523

objFn after block 20.2665

-20.2665

objFn after block 4.9776

objFn after block 10.1099

objFn after block 15.1605

objFn after block 20.2711

-20.2711

6 76 -20.2877 0.0150274 0.0078125 Refine grid Train

objFn after block 4.9886

objFn after block 10.1205

objFn after block 15.1722

objFn after block 20.2837

-20.2837

objFn after block 5.0041

objFn after block 10.1373

objFn after block 15.1885

objFn after block 20.3003

-20.3003

objFn after block 4.9883

objFn after block 10.1208

objFn after block 15.1691

objFn after block 20.2808

-20.2808

objFn after block 4.9946

objFn after block 10.1282

objFn after block 15.1793

objFn after block 20.2908

-20.2908

objFn after block 4.9619

objFn after block 10.0951

objFn after block 15.1432

objFn after block 20.2456

-20.2456

objFn after block 4.9822

objFn after block 10.1094

objFn after block 15.1618

objFn after block 20.273

-20.273

objFn after block 5.0025

objFn after block 10.1358

objFn after block 15.1865

objFn after block 20.2974

-20.2974

objFn after block 4.9846

objFn after block 10.1173

objFn after block 15.1672

objFn after block 20.2779

-20.2779

objFn after block 5.0022

objFn after block 10.136

objFn after block 15.1877

objFn after block 20.2846

-20.2846

objFn after block 4.9832

objFn after block 10.1167

objFn after block 15.1679

objFn after block 20.2796

-20.2796

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -20.2814 ± 0.00481563 (mean ± SEM from 10 samples).

optiParams =

0.1340 0.4666 0.7364

fVal =

-20.2814

Elapsed time is 3995.975540 seconds.

Analyzing subject 30 on blocks of postdictive condition.

objFn after block 4.9398

objFn after block 9.8389

objFn after block 14.7244

objFn after block 19.5746

-19.5746

objFn after block 4.9662

objFn after block 9.8443

objFn after block 14.7393

objFn after block 19.636

-19.636

Beginning optimization of a STOCHASTIC objective fcn.

Iteration f-count E[f(x)] SD[f(x)] MeshScale Method Actions

0 2 -19.5746 NaN 1 Uncertainty test

objFn after block 4.8988

objFn after block 9.7971

objFn after block 14.6796

objFn after block 19.6345

-19.6345

objFn after block 4.7409

objFn after block 9.5799

objFn after block 14.0094

objFn after block 18.652

-18.652

objFn after block 5.0704

objFn after block 10.1442

objFn after block 15.13

objFn after block 20.1573

-20.1573

objFn after block 5.1147

objFn after block 10.1254

objFn after block 14.9308

objFn after block 19.9928

-19.9928

objFn after block 5.0861

objFn after block 10.1685

objFn after block 15.1736

objFn after block 20.2216

-20.2216

objFn after block 5.0932

objFn after block 10.2214

objFn after block 15.288

objFn after block 20.3464

-20.3464

objFn after block 4.9174

objFn after block 9.8617

objFn after block 14.7214

objFn after block 19.6709

-19.6709

objFn after block 5.1178

objFn after block 10.2419

objFn after block 15.3138

objFn after block 20.4238

-20.4238

objFn after block 5.0546

objFn after block 10.1012

objFn after block 15.115

objFn after block 20.16

-20.16

objFn after block 5.0901

objFn after block 10.19

objFn after block 15.2514

objFn after block 20.3158

-20.3158

objFn after block 5.1273

objFn after block 10.2205

objFn after block 15.2777

objFn after block 20.3629

-20.3629

objFn after block 4.9959

objFn after block 9.9576

objFn after block 14.9233

objFn after block 19.8918

-19.8918

objFn after block 5.0914

objFn after block 10.16

objFn after block 15.2133

objFn after block 20.2296

-20.2296

objFn after block 4.8958

objFn after block 9.7045

objFn after block 14.4718

objFn after block 19.3688

-19.3688

objFn after block 4.4068

objFn after block 9.0405

objFn after block 13.878

objFn after block 18.1666

-18.1666

objFn after block 5.0071

objFn after block 10.0247

objFn after block 15.0121

objFn after block 19.9822

-19.9822

objFn after block 4.9148

objFn after block 9.9162

objFn after block 14.8439

objFn after block 19.7466

-19.7466

objFn after block 4.7218

objFn after block 9.4752

objFn after block 14.3136

objFn after block 19.0716

-19.0716

objFn after block 4.8515

objFn after block 9.776

objFn after block 14.7273

objFn after block 19.5956

-19.5956

objFn after block 4.7539

objFn after block 9.5165

objFn after block 14.3334

objFn after block 19.0687

-19.0687

0 22 -20.4238 NaN 1 Initial mesh

objFn after block 5.0828

objFn after block 10.166

objFn after block 15.1969

objFn after block 20.2517

-20.2517

objFn after block 4.9185

objFn after block 9.8745

objFn after block 14.8116

objFn after block 19.7098

-19.7098

objFn after block 4.9125

objFn after block 9.7931

objFn after block 14.6773

objFn after block 19.3818

-19.3818

1 25 -20.4238 1 0.5 Refine grid Train

objFn after block 5.1109

objFn after block 10.1387

objFn after block 14.9263

objFn after block 19.9877

-19.9877

objFn after block 5.1007

objFn after block 10.2117

objFn after block 15.2784

objFn after block 20.3529

-20.3529

objFn after block 5.1043

objFn after block 10.2154

objFn after block 15.2802

objFn after block 20.355

-20.355

objFn after block 5.0904

objFn after block 10.1822

objFn after block 15.2196

objFn after block 20.2844

-20.2844

objFn after block 5.1009

objFn after block 10.209

objFn after block 15.2706

objFn after block 20.3437

-20.3437

objFn after block 5.0927

objFn after block 10.1017

objFn after block 15.0572

objFn after block 20.1039

-20.1039

objFn after block 5.048

objFn after block 10.0821

objFn after block 15.071

objFn after block 20.1106

-20.1106

objFn after block 5.127

objFn after block 10.2589

objFn after block 15.3263

objFn after block 20.4278

-20.4278

objFn after block 5.0653

objFn after block 10.1534

objFn after block 15.2296

objFn after block 20.261

-20.261

objFn after block 5.1558

objFn after block 10.236

objFn after block 15.3247

objFn after block 20.3985

-20.3985

2 35 -20.4286 0.0462617 0.25 Refine grid Train

objFn after block 5.0997

objFn after block 10.2202

objFn after block 15.3201

objFn after block 20.4273

-20.4273

objFn after block 5.1025

objFn after block 10.2214

objFn after block 15.2866

objFn after block 20.3741

-20.3741

objFn after block 5.1134

objFn after block 10.2332

objFn after block 15.307

objFn after block 20.4128

-20.4128

3 38 -20.4388 0.0364814 0.25 Incremental search (ES-ell)

objFn after block 5.1157

objFn after block 10.2435

objFn after block 15.3365

objFn after block 20.4577

-20.4577

3 39 -20.4462 0.0374891 0.25 Incremental search (ES-ell)

objFn after block 5.1206

objFn after block 10.248

objFn after block 15.3344

objFn after block 20.4398

-20.4398

objFn after block 5.1318

objFn after block 10.272

objFn after block 15.3788

objFn after block 20.5026

-20.5026

objFn after block 5.0988

objFn after block 10.2061

objFn after block 15.2699

objFn after block 20.3512

-20.3512

objFn after block 5.1284

objFn after block 10.2724

objFn after block 15.3228

objFn after block 20.4015

-20.4015

objFn after block 5.1429

objFn after block 10.2138

objFn after block 15.313

objFn after block 20.3799

-20.3799

objFn after block 5.0915

objFn after block 10.206

objFn after block 15.303

objFn after block 20.3553

-20.3553

3 45 -20.453 0.0387269 0.125 Refine grid Train

objFn after block 5.1224

objFn after block 10.2639

objFn after block 15.3851

objFn after block 20.5128

-20.5128

4 46 -20.4995 0.0206138 0.125 Incremental search (ES-ell)

objFn after block 5.095

objFn after block 10.2161

objFn after block 15.3262

objFn after block 20.4035

-20.4035

objFn after block 5.1277

objFn after block 10.2728

objFn after block 15.3708

objFn after block 20.4643

-20.4643

objFn after block 5.1199

objFn after block 10.2586

objFn after block 15.3756

objFn after block 20.4841

-20.4841

objFn after block 5.121

objFn after block 10.2554

objFn after block 15.3592

objFn after block 20.4551

-20.4551

objFn after block 5.1066

objFn after block 10.2348

objFn after block 15.3432

objFn after block 20.456

-20.456

objFn after block 5.1307

objFn after block 10.2769

objFn after block 15.3737

objFn after block 20.4585

-20.4585

objFn after block 5.1109

objFn after block 10.2462

objFn after block 15.3668

objFn after block 20.4578

-20.4578

objFn after block 5.1372

objFn after block 10.21

objFn after block 15.3125

objFn after block 20.3758

-20.3758

4 54 -20.4995 0.0206138 0.0625 Refine grid Train

objFn after block 5.1187

objFn after block 10.2572

objFn after block 15.3739

objFn after block 20.4975

-20.4975

5 55 -20.4871 0.00721434 0.0625 Incremental search (ES-wcm)

objFn after block 5.1176

objFn after block 10.2545

objFn after block 15.3701

objFn after block 20.4929

-20.4929

5 56 -20.4878 0.00678707 0.0625 Incremental search (ES-wcm)

objFn after block 5.1174

objFn after block 10.2536

objFn after block 15.3709

objFn after block 20.4938

-20.4938

5 57 -20.4885 0.00637839 0.0625 Incremental search (ES-wcm)

objFn after block 5.1262

objFn after block 10.252

objFn after block 15.3314

objFn after block 20.3913

-20.3913

objFn after block 5.1293

objFn after block 10.2663

objFn after block 15.3695

objFn after block 20.4915

-20.4915

objFn after block 5.1219

objFn after block 10.2607

objFn after block 15.3527

objFn after block 20.4775

-20.4775

objFn after block 5.1124

objFn after block 10.246

objFn after block 15.3621

objFn after block 20.482

-20.482

objFn after block 5.1095

objFn after block 10.2398

objFn after block 15.3495

objFn after block 20.4656

-20.4656

objFn after block 5.1243

objFn after block 10.2682

objFn after block 15.3588

objFn after block 20.4888

-20.4888

5 63 -20.4885 0.00637839 0.03125 Refine grid Train

objFn after block 5.1165

objFn after block 10.2535

objFn after block 15.3702

objFn after block 20.4926

-20.4926

6 64 -20.4907 0.00465916 0.03125 Incremental search (ES-wcm)

objFn after block 5.1199

objFn after block 10.2535

objFn after block 15.3555

objFn after block 20.4804

-20.4804

objFn after block 5.1157

objFn after block 10.2518

objFn after block 15.3691

objFn after block 20.4918

-20.4918

objFn after block 5.1154

objFn after block 10.2513

objFn after block 15.3687

objFn after block 20.4903

-20.4903

objFn after block 5.1147

objFn after block 10.25

objFn after block 15.367

objFn after block 20.4884

-20.4884

objFn after block 5.1166

objFn after block 10.2464

objFn after block 15.3404

objFn after block 20.4628

-20.4628

objFn after block 5.1209

objFn after block 10.2619

objFn after block 15.3818

objFn after block 20.507

-20.507

objFn after block 5.113

objFn after block 10.2459

objFn after block 15.3592

objFn after block 20.4786

-20.4786

6 71 -20.4907 0.00465916 0.015625 Refine grid

objFn after block 5.1169

objFn after block 10.2484

objFn after block 15.3667

objFn after block 20.4902

-20.4902

7 72 -20.4899 0.00368767 0.015625 Incremental search (ES-wcm)

objFn after block 5.1173

objFn after block 10.2551

objFn after block 15.3725

objFn after block 20.4961

-20.4961

7 73 -20.4907 0.00326604 0.015625 Incremental search (ES-ell)

objFn after block 5.1162

objFn after block 10.2531

objFn after block 15.3709

objFn after block 20.4937

-20.4937

objFn after block 5.1167

objFn after block 10.2536

objFn after block 15.3716

objFn after block 20.4944

-20.4944

7 75 -20.4911 0.00308975 0.015625 Incremental search (ES-wcm)

objFn after block 5.1178

objFn after block 10.2555

objFn after block 15.3742

objFn after block 20.4988

-20.4988

objFn after block 5.1156

objFn after block 10.252

objFn after block 15.3694

objFn after block 20.492

-20.492

objFn after block 5.119

objFn after block 10.259

objFn after block 15.3775

objFn after block 20.502

-20.502

objFn after block 5.1145

objFn after block 10.2498

objFn after block 15.3656

objFn after block 20.4871

-20.4871

objFn after block 5.1292

objFn after block 10.2604

objFn after block 15.356

objFn after block 20.4797

-20.4797

7 80 -20.4913 0.00291919 0.0078125 Refine grid

objFn after block 5.1181

objFn after block 10.2558

objFn after block 15.3726

objFn after block 20.4958

-20.4958

objFn after block 5.1182

objFn after block 10.2563

objFn after block 15.3735

objFn after block 20.4977

-20.4977

objFn after block 5.1184

objFn after block 10.257

objFn after block 15.3737

objFn after block 20.4976

-20.4976

objFn after block 5.1186

objFn after block 10.2562

objFn after block 15.3742

objFn after block 20.4973

-20.4973

objFn after block 5.1185

objFn after block 10.2564

objFn after block 15.3735

objFn after block 20.4973

-20.4973

objFn after block 5.1176

objFn after block 10.2557

objFn after block 15.3735

objFn after block 20.4974

-20.4974

objFn after block 5.1179

objFn after block 10.2552

objFn after block 15.3727

objFn after block 20.4962

-20.4962

objFn after block 5.1186

objFn after block 10.2565

objFn after block 15.3734

objFn after block 20.4974

-20.4974

objFn after block 5.1173

objFn after block 10.2549

objFn after block 15.3715

objFn after block 20.4951

-20.4951

objFn after block 5.1182

objFn after block 10.2572

objFn after block 15.3741

objFn after block 20.4981

-20.4981

Optimization terminated: mesh size less than OPTIONS.TolMesh.

Estimated function value at minimum: -20.497 ± 0.000301554 (mean ± SEM from 10 samples).

optiParams =

0.4136 0.4167 0

fVal =

-20.4970

Elapsed time is 4596.195739 seconds.

>>