Kernel: constant

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**retriangulate**
With caps	True
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	3.48e-03	0.00e+00	8.55e-02
5.00e-02	4.88e+02	7.42e-04	2.23e+00	2.31e-01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**retriangulate**
With caps	False
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	1.75e-02	0.00e+00	4.01e-02
5.00e-02	4.88e+02	4.19e-03	2.07e+00	1.62e-01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**exactBall**
With caps	True
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	1.87e-03	0.00e+00	4.11e-02
5.00e-02	4.88e+02	5.70e-04	1.72e+00	1.59e-01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**averageBall**
With caps	True
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	1.12e-01	0.00e+00	1.74e-02
5.00e-02	4.88e+02	8.73e-02	3.53e-01	1.15e-01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**averageBall**
With caps	True
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	1.12e-01	0.00e+00	1.63e-02
5.00e-02	4.88e+02	8.73e-02	3.53e-01	1.08e-01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**averageBall**
With caps	True
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	1.12e-01	0.00e+00	1.32e-02
5.00e-02	4.88e+02	8.73e-02	3.53e-01	8.75e-02

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**baryCenter**
With caps	True
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	2.34e-02	0.00e+00	3.46e-02
5.00e-02	4.88e+02	4.45e-03	2.40e+00	7.92e-02

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**baryCenterRT**
With caps	False
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	7.83e-03	0.00e+00	6.11e-02
5.00e-02	4.88e+02	1.68e-03	2.22e+00	9.31e-02

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**baryCenterRT**
With caps	True
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h	dof	L2 Error	Rates	Time [s]
1.00e-01	1.02e+02	1.90e-02	0.00e+00	5.24e-02
5.00e-02	4.88e+02	4.56e-03	2.06e+00	8.66e-02