

MOP	Dim.	PFI-EMOA $w_0 = 0.001$	PFI-EMOA $w_0 = 0.1$	PFI-EMOA $w_0 = 0.2$	PFI-EMOA $w_0 = 0.3$	PFI-EMOA $w_0 = 0.4$	PFI-EMOA $w_0 = 0.5$	PFI-EMOA $w_0 = 0.6$	PFI-EMOA $w_0 = 0.7$	PFI-EMOA $w_0 = 0.8$	PFI-EMOA $w_0 = 0.9$	PFI-EMOA $w_0 = 0.999$
DTLZ1	2	8.737808e-01 <sup>0</sup> # (1.470825e-04)	8.738328e-01 <sup>4</sup> (1.709683e-04)	8.738728e-01 <sup>2</sup> (8.048346e-05)	8.739046e-01 <sup>1</sup> (4.403966e-05)	8.738206e-01 <sup>2</sup> # (1.203913e-04)	8.738321e-01 <sup>2</sup> # (9.041788e-05)	8.737694e-01 <sup>1</sup> (3.296767e-04)	8.738080e-01 <sup>8</sup> (1.995420e-04)	8.738556e-01 <sup>2</sup> # (4.615776e-05)	8.737889e-01 <sup>2</sup> # (1.061001e-04)	8.738220e-01 <sup>2</sup> # (1.588058e-04)
	3	9.711790e-01 <sup>1</sup> (6.551849e-04)	9.708103e-01 <sup>0</sup> # (1.126536e-03)	9.715784e-01 <sup>2</sup> (1.072678e-03)	9.716879e-01 <sup>2</sup> (9.827487e-04)	9.710535e-01 <sup>8</sup> (1.499363e-03)	9.716051e-01 <sup>4</sup> (9.164025e-04)	9.713180e-01 <sup>6</sup> (1.349780e-03)	9.702850e-01 <sup>1</sup> # (1.564796e-03)	9.708278e-01 <sup>2</sup> # (1.481288e-03)	9.716094e-01 <sup>2</sup> (1.171424e-03)	9.711858e-01 <sup>4</sup> (1.523745e-03)
	4	9.937112e-01 <sup>1</sup> (1.037864e-04)	9.935151e-01 <sup>1</sup> (2.973890e-04)	9.935531e-01 <sup>1</sup> (4.096351e-04)	9.935406e-01 <sup>1</sup> # (1.499965e-04)	9.932700e-01 <sup>1</sup> # (2.213575e-03)	9.934045e-01 <sup>1</sup> # (3.030347e-04)	9.932559e-01 <sup>5</sup> (4.023366e-04)	9.929222e-01 <sup>0</sup> (1.859830e-03)	9.935971e-01 <sup>2</sup> (3.045949e-04)	9.935171e-01 <sup>2</sup> (3.136114e-04)	9.934766e-01 <sup>2</sup> (3.526800e-04)
	5	9.983222e-01 <sup>5</sup> (1.374946e-04)	9.983109e-01 <sup>1</sup> (1.224543e-04)	9.983205e-01 <sup>1</sup> (8.718021e-05)	9.983396e-01 <sup>5</sup> (9.493576e-05)	9.981434e-01 <sup>0</sup> (6.650158e-04)	9.978176e-01 <sup>1</sup> (1.095050e-03)	9.981612e-01 <sup>2</sup> (6.123177e-04)	9.982923e-01 <sup>8</sup> (1.129875e-04)	9.983439e-01 <sup>1</sup> (1.098489e-04)	9.983310e-01 <sup>1</sup> (1.408133e-04)	9.983408e-01 <sup>2</sup> (8.609604e-05)
	6	9.993770e-01 <sup>4</sup> (2.837446e-04)	9.993353e-01 <sup>6</sup> # (2.712054e-04)	9.992076e-01 <sup>0</sup> # (3.770874e-04)	9.992146e-01 <sup>1</sup> # (5.752044e-04)	9.990735e-01 <sup>1</sup> # (8.007077e-04)	9.993596e-01 <sup>5</sup> (3.918811e-04)	9.993344e-01 <sup>1</sup> # (3.848402e-04)	9.992926e-01 <sup>8</sup> # (4.203450e-04)	9.994333e-01 <sup>1</sup> (3.081609e-05)	9.994082e-01 <sup>2</sup> (2.382730e-04)	9.994245e-01 <sup>2</sup> (2.432114e-04)
	7	9.977479e-01 <sup>1</sup> (5.799219e-03)	9.996130e-01 <sup>2</sup> (2.903134e-04)	9.996365e-01 <sup>2</sup> (2.888647e-04)	9.995659e-01 <sup>2</sup> (2.888647e-04)	9.995739e-01 <sup>8</sup> (2.838274e-04)	9.995743e-01 <sup>7</sup> (2.961290e-04)	9.995824e-01 <sup>5</sup> (3.052132e-04)	9.995788e-01 <sup>6</sup> (3.052126e-04)	9.995531e-01 <sup>0</sup> (2.894282e-04)	9.995856e-01 <sup>4</sup> (2.993496e-04)	9.996810e-01 <sup>1</sup> (2.218804e-04)
DTLZ2	2	3.210872e+00 <sup>0</sup> # (9.189366e-07)	3.210872e+00 <sup>2</sup> (5.163978e-07)	3.210872e+00 <sup>1</sup> # (4.216370e-07)	3.210872e+00 <sup>2</sup> # (0.000000e+00)	3.210872e+00 <sup>3</sup> (7.888106e-07)	3.210872e+00 <sup>2</sup> # (5.676462e-07)	3.210872e+00 <sup>1</sup> (5.676463e-07)	3.210872e+00 <sup>1</sup> # (6.66667e-07)	3.210872e+00 <sup>2</sup> (9.428090e-07)	3.210872e+00 <sup>1</sup> # (3.162278e-07)	3.210872e+00 <sup>2</sup> # (5.676462e-07)
	3	7.406309e+00 <sup>2</sup> (6.276514e-03)	7.405524e+00 <sup>4</sup> (7.134670e-03)	7.400816e+00 <sup>8</sup> (8.845379e-03)	7.406349e+00 <sup>4</sup> (5.352369e-03)	7.400082e+00 <sup>3</sup> (9.449900e-03)	7.402627e+00 <sup>6</sup> (6.797599e-03)	7.405629e+00 <sup>3</sup> (5.688029e-03)	7.402456e+00 <sup>7</sup> (9.787264e-03)	7.403416e+00 <sup>5</sup> (8.433297e-03)	7.397812e+00 <sup>1</sup> (1.344276e-02)	7.397915e+00 <sup>0</sup> # (9.657099e-03)
	4	1.551146e+01 <sup>1</sup> # (2.519418e-02)	1.552332e+01 <sup>7</sup> (1.294623e-02)	1.552711e+01 <sup>4</sup> (8.887849e-03)	1.552711e+01 <sup>2</sup> (1.662214e-02)	1.552185e+01 <sup>8</sup> (1.814111e-02)	1.552376e+01 <sup>6</sup> (1.211195e-02)	1.552135e+01 <sup>9</sup> (1.851914e-02)	1.553096e+01 <sup>1</sup> (1.224271e-02)	1.552411e+01 <sup>5</sup> (1.741199e-02)	1.552606e+01 <sup>4</sup> (1.404445e-02)	1.551857e+01 <sup>0</sup> (2.021541e-02)
	5	3.163125e+01 <sup>2</sup> (1.787083e-02)	3.162162e+01 <sup>6</sup> # (1.778093e-02)	3.161948e+01 <sup>2</sup> # (1.576845e-02)	3.162516e+01 <sup>4</sup> (3.20673e-02)	3.161974e+01 <sup>8</sup> (2.534745e-02)	3.163306e+01 <sup>1</sup> (1.386803e-02)	3.162722e+01 <sup>3</sup> (2.209114e-02)	3.161701e+01 <sup>0</sup> (2.014658e-02)	3.161978e+01 <sup>7</sup> # (1.566467e-02)	3.162427e+01 <sup>5</sup> (1.60760e-02)	3.160827e+01 <sup>1</sup> # (2.272741e-02)
	6	6.367127e+01 <sup>1</sup> # (3.534332e-02)	6.369283e+01 <sup>7</sup> (2.643062e-02)	6.370275e+01 <sup>4</sup> (1.705328e-02)	6.370146e+01 <sup>2</sup> (1.729596e-02)	6.370272e+01 <sup>2</sup> (1.659843e-02)	6.368400e+01 <sup>2</sup> # (1.804012e-02)	6.368993e+01 <sup>8</sup> (1.987819e-02)	6.369338e+01 <sup>6</sup> (1.768197e-02)	6.369586e+01 <sup>4</sup> (1.822571e-02)	6.369490e+01 <sup>5</sup> (1.425660e-02)	6.368079e+01 <sup>0</sup> (3.526146e-02)
	7	1.277296e+02 <sup>2</sup> (6.810946e-02)	1.277464e+02 <sup>2</sup> (2.604074e-02)	1.277474e+02 <sup>2</sup> (2.830454e-02)	1.277294e+02 <sup>2</sup> # (2.880712e-02)	1.277278e+02 <sup>0</sup> # (2.967499e-02)	1.277490e+02 <sup>4</sup> (2.656568e-02)	1.277610e+02 <sup>2</sup> (2.656568e-02)	1.277522e+02 <sup>2</sup> (2.628628e-02)	1.277497e+02 <sup>3</sup> (2.800971e-02)	1.277268e+02 <sup>1</sup> # (3.037109e-02)	1.277438e+02 <sup>7</sup> (3.08537e-02)
DTLZ3	2	3.204125e+00 <sup>2</sup> (3.448869e-03)	2.962628e+00 <sup>1</sup> # (7.525905e-01)	3.198401e+00 <sup>2</sup> (1.81591e-02)	3.200836e+00 <sup>2</sup> # (4.829003e-03)	3.199576e+00 <sup>8</sup> (7.207856e-03)	3.201786e+00 <sup>4</sup> (6.276654e-03)	3.198263e+00 <sup>0</sup> (9.716464e-03)	3.200767e+00 <sup>6</sup> (7.38986e-03)	3.204282e+00 <sup>1</sup> (2.828339e-03)	3.200684e+00 <sup>7</sup> (3.602490e-03)	3.203677e+00 <sup>3</sup> (2.946558e-03)
	3	7.401769e+00 <sup>4</sup> (5.531816e-03)	7.392234e+00 <sup>1</sup> # (1.459723e-02)	7.398723e+00 <sup>2</sup> # (1.147592e-02)	7.400296e+00 <sup>6</sup> (8.45379e-03)	7.402487e+00 <sup>2</sup> (1.046800e-03)	7.398311e+00 <sup>0</sup> (1.250511e-02)	7.407028e+00 <sup>1</sup> (5.702250e-03)	7.401712e+00 <sup>5</sup> (7.870638e-03)	7.405045e+00 <sup>2</sup> (6.884363e-03)	7.399056e+00 <sup>7</sup> (1.383905e-02)	7.398500e+00 <sup>2</sup> # (9.690486e-03)
	4	1.553633e+01 <sup>2</sup> (6.930556e-03)	1.552991e+01 <sup>6</sup> (2.659038e-02)	1.552940e+01 <sup>2</sup> (1.671724e-02)	1.549571e+01 <sup>1</sup> (9.712553e-02)	1.553172e+01 <sup>2</sup> (2.172354e-02)	1.552468e+01 <sup>9</sup> (2.723058e-02)	1.553355e+01 <sup>2</sup> (1.581366e-02)	1.552517e+01 <sup>8</sup> (2.144218e-02)	1.553907e+01 <sup>1</sup> (1.204328e-02)	1.553128e+01 <sup>2</sup> (1.842291e-02)	1.552163e+01 <sup>0</sup> (3.352925e-02)
	5	3.160475e+01 <sup>1</sup> (2.560073e-02)	3.160780e+01 <sup>2</sup> (2.954524e-02)	3.160513e+01 <sup>6</sup> (3.289686e-02)	3.157073e+01 <sup>2</sup> # (7.379239e-02)	3.161079e+01 <sup>2</sup> (3.485215e-02)	3.161488e+01 <sup>2</sup> (1.585092e-02)	3.160802e+01 <sup>4</sup> (3.142212e-02)	3.045857e+01 <sup>1</sup> (3.622175e+00)	3.161741e+01 <sup>1</sup> (4.644223e-02)	3.158945e+01 <sup>5</sup> (5.278290e-02)	3.156854e+01 <sup>0</sup> (6.623495e-02)
	6	6.177109e+01 <sup>2</sup> (5.988983e+00)	6.161200e+01 <sup>3</sup> (6.188548e+00)	5.929023e+01 <sup>2</sup> # (1.315771e+01)	5.708429e+01 <sup>1</sup> # (1.994033e+01)	6.361301e+01 <sup>1</sup> (6.051470e-02)	6.010896e+01 <sup>2</sup> (1.102843e+01)	5.718891e+01 <sup>9</sup> (1.050497e+01)	5.756666e+01 <sup>8</sup> (1.011497e+01)	5.716730e+01 <sup>0</sup> (2.002090e+01)	5.780382e+01 <sup>7</sup> # (1.224710e+01)	5.760897e+01 <sup>4</sup> (8.973666e+00)
	7	9.189778e+01 <sup>4</sup> (5.611803e+01)	6.935129e+01 <sup>0</sup> (6.258046e+01)	8.147760e+01 <sup>7</sup> (6.078586e+01)	8.400018e+01 <sup>2</sup> (5.695116e+01)	1.013421e+02 <sup>1</sup> (4.021302e+01)	9.487738e+01 <sup>3</sup> (4.972076e+01)	7.927678e+01 <sup>8</sup> (5.457887e+01)	7.734538e+01 <sup>2</sup> (6.403357e+01)	9.640041e+01 <sup>2</sup> (5.338981e+01)	8.993654e+01 <sup>2</sup> (5.683477e+01)	9.324077e+01 <sup>1</sup> (6.321156e+01)
DTLZ4	2	2.847532e+00 <sup>7</sup> (5.848529e-01)	2.847535e+00 <sup>1</sup> (5.848555e-01)	2.847535e+00 <sup>6</sup> (5.848549e-01)	2.847504e+00 <sup>1</sup> (5.848334e-01)	2.847516e+00 <sup>0</sup> (5.848418e-01)	2.847579e+00 <sup>1</sup> (5.848847e-01)	2.847559e+00 <sup>2</sup> (5.848575e-01)	2.847536e+00 <sup>4</sup> (5.848558e-01)	2.847529e+00 <sup>8</sup> (5.848505e-01)	2.847528e+00 <sup>9</sup> (5.848502e-01)	2.847541e+00 <sup>3</sup> (5.848589e-01)
	3	6.660547e+00 <sup>2</sup> (1.058453e+00)	6.649905e+00 <sup>2</sup> (1.063421e+00)	6.660899e+00 <sup>2</sup> (1.062216e+00)	6.648030e+00 <sup>1</sup> (1.066495e+00)	6.648798e+00 <sup>0</sup> (1.066655e+00)	6.650266e+00 <sup>8</sup> (1.067809e+00)	6.650986e+00 <sup>6</sup> (1.061482e+00)	6.65286e+00 <sup>7</sup> (1.063214e+00)	6.661483e+00 <sup>4</sup> (1.063709e+00)	6.662111e+00 <sup>4</sup> (1.063115e+00)	6.670402e+00 <sup>1</sup> (1.059127e+00)
	4	1.472637e+01 <sup>6</sup> (1.183941e+00)	1.473334e+01 <sup>1</sup> (1.189186e+00)	1.472827e+01 <sup>5</sup> (1.185388e+00)	1.472577e+01 <sup>2</sup> (1.183632e+00)	1.473311e+01 <sup>2</sup> (1.188999e+00)	1.473149e+01 <sup>2</sup> (1.187778e+00)	1.465170e+01 <sup>1</sup> (1.149660e+00)	1.465623e+01 <sup>0</sup> (1.153392e+00)	1.472056e+01 <sup>9</sup> (1.179613e+00)	1.472910e+01 <sup>4</sup> (1.185899e+00)	1.472426e+01 <sup>8</sup> (1.181626e+00)
	5	3.111339e+01 <sup>1</sup> (6.122929e-01)	3.112802e+01 <sup>1</sup> (6.095109e-01)	3.111597e+01 <sup>2</sup> (6.132550e-01)	3.111597e+01 <sup>0</sup> (6.132550e-01)	3.111689e+01 <sup>8</sup> (6.141347e-01)	3.113289e+01 <sup>1</sup> (6.097994e-01)	3.112946e+01 <sup>4</sup> (6.095581e-01)	3.113215e+01 <sup>2</sup> (6.106355e-01)	3.113025e+01 <sup>3</sup> (6.088336e-01)	3.112669e+01 <sup>7</sup> (6.055622e-01)	3.112669e+01 <sup>6</sup> (6.060423e-01)
	6	6.253795e+01 <sup>3</sup> (1.295199e+00)	6.254541e+01 <sup>1</sup> (1.302796e+00)	6.254576e+01 <sup>2</sup> (1.302796e+00)	6.254576e+01 <sup>1</sup> (1.303153e+00)	6.254576e+01 <sup>2</sup> (1.303153e+00)	6.253786e+01 <sup>6</sup> (1.295116e+00)	6.253666e+01 <sup>0</sup> (1.293931e+00)	6.253666e+01 <sup>0</sup> (1.293931e+00)	6.25387e+01 <sup>8</sup> (1.294133e+00)	6.253751e+01 <sup>7</sup> (1.294133e+00)	6.253751e+01 <sup>7</sup> (1.294744e+00)
	7	1.245510e+02 <sup>4</sup> (3.595126e+00)	1.245521e+02 <sup>1</sup> (3.596251e+00)	1.245521e+02 <sup>2</sup> (3.596251e+00)	1.245521e+02 <sup>2</sup> (3.596251e+00)	1.245494e+02 <sup>0</sup> (3.593630e+00)	1.245494e+02 <sup>1</sup> (3.593630e+00)	1.245499e+02 <sup>5</sup> (3.594141e+00)	1.245499e+02 <sup>6</sup> (3.594141e+00)	1.245499e+02 <sup>7</sup> (3.594141e+00)	1.245499e+02 <sup>8</sup> (3.594141e+00)	1.245499e+02 <sup>9</sup> (3.594141e+00)
DTLZ5	2	3.210872e+00 <sup>0</sup> # (9.189366e-07)	3.210872e+00 <sup>2</sup> (5.163978e-07)	3.210872e+00 <sup>1</sup> # (4.216370e-07)	3.210872e+00 <sup>2</sup> # (0.000000e+00)	3.210872e+00 <sup>3</sup> (7.888106e-07)	3.210872e+00 <sup>2</sup> # (5.676462e-07)	3.210872e+00 <sup>1</sup> (5.676463e-07)	3.210872e+00 <sup>1</sup> # (6.66667e-07)	3.210872e+00 <sup>2</sup> (9.428090e-07)	3.210872e+00 <sup>1</sup> # (3.162278e-07)	3.210872e+00 <sup>2</sup> # (5.676462e-07)
	3	6.090806e+00 <sup>1</sup> (1.094499e-02)	6.094234e+00 <sup>7</sup> (1.300790e-02)	6.096139e+00 <sup>4</sup> (8.757972e-03)	6.095238e+00 <sup>3</sup> (1.09503e-02)	6.092517e+00 <sup>9</sup> (1.497562e-02)	6.098353e+00 <sup>2</sup> (6.490524e-03)	6.090480e+00 <sup>1</sup> (6.622905e-03)	6.092001e+00 <sup>0</sup> (1.469840e-02)	6.095441e+00 <sup>5</sup> (1.130525e-02)	6.099086e+00 <sup>2</sup> (8.288653e-03)	6.093512e+00 <sup>8</sup> (1.281603e-02)
	4	1.178600e+01 <sup>4</sup> (3.265391e-02)	1.179755e+01 <sup>1</sup> (2.634227e-02)	1.177445e+01 <sup>8</sup> # (2.456536e-02)	1.178054e+01 <sup>7</sup> (3.199813e-02)	1.177071e+01 <sup>0</sup> # (3.736180e-02)	1.178248e+01 <sup>2</sup> (3.421218e-02)	1.179441e+01 <sup>2</sup> (2.522119e-02)	1.178726e+01 <sup>3</sup> (2.577630e-02)			