Pearson Correlation Plot for Lake Cadagno Microbial loop dataset

A: Abundance
FCS: Flow-cytometry
P:CTD based Physicochemical parameters
D: Diversity
N: Nutrients

1.0
0.5
0.0
−0.5
−1.0

Mean Day 1, 2

	A_Chloroplast_ge	A_Chromatium_ge	A_FCS_Phycobilins	A_FCS_Total_cells	A_FSC_VLPs	A_Lentimicrobiaceae_ge	D_16S_alpha_Shannon	D_16S_beta_Axis.1	D_16S_beta_Axis.2	D_FCS_alpha_cells	D_FCS_beta_Axis1_cells	D_FCS_beta_Axis2_cells	Depth_m	N_DOC	N_NH4	N_POC	N_PON	N_POS	N_SO4	P_Chl	P_Cond	P_Oxygen	P_PAR_29_Aug	P_Phycocyanin_29_Aug	P_Temp	P_Turb	Secondary_production
A_Chloroplast_ge	1.00 (0.00e+00)	0.13 (7.30e−01)	0.16 (6.50e−01)	0.08 (8.33e−01)	0.51 (1.34e−01)	0.49 (1.55e−01)	0.60 (6.65e−02)	0.64 (4.75e−02)	0.13 (7.17e−01)	0.51 (1.36e−01)	−0.57 (8.49e−02)	0.03 (9.36e−01)	0.63 (4.95e−02)	0.09 (8.02e−01)	0.45 (1.97e−01)	0.07 (8.54e−01)	0.10 (7.77e−01)	0.26 (4.70e−01)	0.28 (4.36e−01)	0.50 (1.37e−01)	0.69 (2.77e−02)	−0.69 (2.74e−02)	−0.61 (6.02e−02)	0.23 (5.15e−01)	−0.69 (2.77e−02)	0.15 (6.75e−01)	0.46 (1.80e−01)
A_Chromatium_ge	0.13 (7.30e−01)	1.00 (0.00e+00)	0.95 (2.01e−05)	0.99 (8.66e−09)	0.32 (3.67e−01)	0.87 (1.16e−03)	0.27 (4.46e−01)	0.80 (5.81e−03)	−0.10 (7.92e−01)	0.68 (3.02e−02)	−0.79 (6.26e−03)	0.26 (4.67e−01)	0.69 (2.83e−02)	−0.05 (8.97e−01)	0.30 (3.95e−01)	0.92 (1.31e−04)	0.93 (1.05e−04)	0.76 (1.06e−02)	0.60 (6.46e−02)	0.76 (1.04e−02)	0.63 (5.27e−02)	−0.69 (2.83e−02)	−0.63 (5.27e−02)	0.96 (1.09e−05)	−0.71 (2.24e−02)	0.93 (7.25e−05)	0.66 (3.84e−02)
A_FCS_Phycobilins	0.16 (6.50e−01)	0.95 (2.01e−05)	1.00 (0.00e+00)	0.95 (2.89e−05)	0.34 (3.41e−01)	0.93 (1.21e−04)	0.43 (2.14e−01)	0.85 (1.80e−03)	−0.12 (7.46e−01)	0.72 (1.83e−02)	−0.85 (1.87e−03)	0.30 (4.03e−01)	0.77 (9.57e−03)	0.03 (9.26e−01)	0.47 (1.68e−01)	0.78 (8.15e−03)	0.79 (7.13e−03)	0.90 (4.65e−04)	0.62 (5.46e−02)	0.75 (1.20e−02)	0.66 (3.93e−02)	−0.73 (1.71e−02)	−0.68 (3.19e−02)	0.95 (1.79e−05)	−0.75 (1.33e−02)	0.96 (1.00e−05)	0.69 (2.62e−02)
A_FCS_Total_cells	0.08 (8.33e−01)	0.99 (8.66e−09)	0.95 (2.89e−05)	1.00 (0.00e+00)	0.33 (3.56e−01)	0.85 (1.82e−03)	0.21 (5.63e−01)	0.77 (8.96e−03)	−0.04 (9.02e−01)	0.63 (5.02e−02)	−0.75 (1.22e−02)	0.30 (3.99e−01)	0.65 (4.12e−02)	−0.09 (7.99e−01)	0.24 (4.96e−01)	0.92 (1.45e−04)	0.93 (1.24e−04)	0.76 (1.08e−02)	0.62 (5.59e−02)	0.76 (1.09e−02)	0.59 (7.20e−02)	−0.66 (3.95e−02)	−0.60 (6.39e−02)	0.96 (8.33e−06)	−0.68 (3.15e−02)	0.95 (3.30e−05)	0.65 (4.23e−02)
A_FSC_VLPs	0.51 (1.34e−01)	0.32 (3.67e−01)	0.34 (3.41e−01)	0.33 (3.56e−01)	1.00 (0.00e+00)	0.45 (1.94e−01)	0.07 (8.37e−01)	0.55 (9.94e−02)	0.76 (1.15e−02)	0.61 (6.21e−02)	−0.58 (8.19e−02)	−0.08 (8.29e−01)	0.73 (1.63e−02)	0.28 (4.26e−01)	0.24 (5.05e−01)	0.29 (4.17e−01)	0.31 (3.85e−01)	0.37 (2.99e−01)	0.31 (3.78e−01)	0.69 (2.65e−02)	0.81 (4.52e−03)	−0.78 (7.97e−03)	−0.87 (9.98e−04)	0.46 (1.86e−01)	−0.76 (1.04e−02)	0.38 (2.83e−01)	0.63 (4.87e−02)
A_Lentimicrobiaceae_ge	0.49 (1.55e−01)	0.87 (1.16e−03)	0.93 (1.21e−04)	0.85 (1.82e−03)	0.45 (1.94e−01)	1.00 (0.00e+00)	0.63 (5.17e−02)	0.98 (8.02e−07)	−0.10 (7.88e−01)	0.79 (6.32e−03)	−0.94 (5.04e−05)	0.33 (3.47e−01)	0.88 (7.88e−04)	0.02 (9.58e−01)	0.57 (8.58e−02)	0.68 (2.96e−02)	0.70 (2.30e−02)	0.87 (1.06e−03)	0.62 (5.46e−02)	0.85 (1.88e−03)	0.80 (5.47e−03)	−0.87 (1.10e−03)	−0.78 (7.33e−03)	0.91 (2.37e−04)	−0.88 (6.69e−04)	0.91 (2.28e−04)	0.80 (5.09e−03)
D_16S_alpha_Shannon	0.60 (6.65e−02)	0.27 (4.46e−01)	0.43 (2.14e−01)	0.21 (5.63e−01)	0.07 (8.37e−01)	0.63 (5.17e−02)	1.00 (0.00e+00)	0.65 (4.33e−02)	−0.51 (1.31e−01)	0.62 (5.74e−02)	−0.66 (3.87e−02)	−0.04 (9.19e−01)	0.59 (7.17e−02)	0.20 (5.77e−01)	0.74 (1.36e−02)	0.00 (9.92e−01)	0.03 (9.27e−01)	0.51 (1.33e−01)	0.25 (4.89e−01)	0.40 (2.46e−01)	0.54 (1.06e−01)	−0.56 (8.94e−02)	−0.42 (2.28e−01)	0.35 (3.17e−01)	−0.57 (8.51e−02)	0.39 (2.62e−01)	0.49 (1.47e−01)
D_16S_beta_Axis.1	0.64 (4.75e−02)	0.80 (5.81e−03)	0.85 (1.80e−03)	0.77 (8.96e−03)	0.55 (9.94e−02)	0.98 (8.02e−07)	0.65 (4.33e−02)	1.00 (0.00e+00)	0.00 (1.00e+00)	0.81 (4.41e−03)	−0.95 (1.98e−05)	0.30 (3.96e−01)	0.93 (8.91e−05)	0.04 (9.03e−01)	0.61 (6.00e−02)	0.63 (5.33e−02)	0.65 (4.15e−02)	0.83 (2.79e−03)	0.58 (7.94e−02)	0.85 (1.64e−03)	0.87 (1.16e−03)	−0.93 (1.16e−04)	−0.85 (2.01e−03)	0.85 (1.76e−03)	−0.94 (5.38e−05)	0.83 (3.06e−03)	0.80 (5.64e−03)
D_16S_beta_Axis.2	0.13 (7.17e−01)	−0.10 (7.92e−01)	−0.12 (7.46e−01)	−0.04 (9.02e−01)	0.76 (1.15e−02)	−0.10 (7.88e−01)	−0.51 (1.31e−01)	0.00 (1.00e+00)	1.00 (0.00e+00)	−0.03 (9.29e−01)	0.03 (9.26e−01)	0.06 (8.76e−01)	0.20 (5.73e−01)	0.01 (9.76e−01)	−0.17 (6.46e−01)	−0.01 (9.81e−01)	−0.01 (9.83e−01)	−0.02 (9.54e−01)	−0.04 (9.06e−01)	0.18 (6.15e−01)	0.25 (4.85e−01)	−0.22 (5.41e−01)	−0.39 (2.60e−01)	−0.01 (9.73e−01)	−0.21 (5.63e−01)	−0.08 (8.31e−01)	0.09 (8.15e−01)
D_FCS_alpha_cells	0.51 (1.36e−01)	0.68 (3.02e−02)	0.72 (1.83e−02)	0.63 (5.02e−02)	0.61 (6.21e−02)	0.79 (6.32e−03)	0.62 (5.74e−02)	0.81 (4.41e−03)	−0.03 (9.29e−01)	1.00 (0.00e+00)	−0.93 (1.04e−04)	−0.21 (5.59e−01)	0.86 (1.55e−03)	0.54 (1.09e−01)	0.49 (1.48e−01)	0.56 (9.47e−02)	0.58 (7.96e−02)	0.61 (6.26e−02)	0.64 (4.81e−02)	0.84 (2.40e−03)	0.91 (2.20e−04)	−0.90 (3.22e−04)	−0.87 (1.10e−03)	0.77 (9.13e−03)	−0.89 (6.13e−04)	0.71 (2.22e−02)	0.87 (1.21e−03)
D_FCS_beta_Axis1_cells	−0.57 (8.49e−02)	−0.79 (6.26e−03)	−0.85 (1.87e−03)	−0.75 (1.22e−02)	−0.58 (8.19e−02)	−0.94 (5.04e−05)	−0.66 (3.87e−02)	−0.95 (1.98e−05)	0.03 (9.26e−01)	−0.93 (1.04e−04)	1.00 (0.00e+00)	−0.12 (7.32e−01)	−0.95 (3.23e−05)	−0.30 (4.05e−01)	−0.59 (7.04e−02)	−0.63 (4.95e−02)	−0.66 (3.92e−02)	−0.77 (8.85e−03)	−0.62 (5.62e−02)	−0.88 (8.73e−04)	−0.91 (2.11e−04)	0.95 (2.90e−05)	0.90 (4.40e−04)	−0.85 (1.62e−03)	0.95 (3.26e−05)	−0.82 (3.97e−03)	−0.87 (1.06e−03)
D_FCS_beta_Axis2_cells	0.03 (9.36e−01)	0.26 (4.67e−01)	0.30 (4.03e−01)	0.30 (3.99e−01)	−0.08 (8.29e−01)	0.33 (3.47e−01)	−0.04 (9.19e−01)	0.30 (3.96e−01)	0.06 (8.76e−01)	−0.21 (5.59e−01)	−0.12 (7.32e−01)	1.00 (0.00e+00)	0.16 (6.68e−01)	−0.46 (1.76e−01)	0.16 (6.68e−01)	0.20 (5.77e−01)	0.20 (5.77e−01)	0.43 (2.20e−01)	0.03 (9.34e−01)	0.06 (8.76e−01)	−0.10 (7.93e−01)	−0.04 (9.19e−01)	−0.03 (9.27e−01)	0.18 (6.13e−01)	−0.06 (8.75e−01)	0.25 (4.77e−01)	0.03 (9.26e−01)
Depth_m	0.63 (4.95e−02)	0.69 (2.83e−02)	0.77 (9.57e−03)	0.65 (4.12e−02)	0.73 (1.63e−02)	0.88 (7.88e−04)	0.59 (7.17e−02)	0.93 (8.91e−05)	0.20 (5.73e−01)	0.86 (1.55e−03)	−0.95 (3.23e−05)	0.16 (6.68e−01)	1.00 (0.00e+00)	0.23 (5.15e−01)	0.70 (2.54e−02)	0.50 (1.42e−01)	0.52 (1.21e−01)	0.80 (5.83e−03)	0.45 (1.97e−01)	0.81 (4.52e−03)	0.94 (7.13e−05)	−0.96 (6.91e−06)	−0.95 (2.90e−05)	0.75 (1.17e−02)	−0.97 (5.25e−06)	0.71 (2.09e−02)	0.77 (8.52e−03)
N_DOC	0.09 (8.02e−01)	−0.05 (8.97e−01)	0.03 (9.26e−01)	−0.09 (7.99e−01)	0.28 (4.26e−01)	0.02 (9.58e−01)	0.20 (5.77e−01)	0.04 (9.03e−01)	0.01 (9.76e−01)	0.54 (1.09e−01)	−0.30 (4.05e−01)	−0.46 (1.76e−01)	0.23 (5.15e−01)	1.00 (0.00e+00)	0.10 (7.77e−01)	−0.06 (8.63e−01)	−0.06 (8.73e−01)	−0.01 (9.87e−01)	0.34 (3.35e−01)	0.18 (6.20e−01)	0.32 (3.73e−01)	−0.26 (4.65e−01)	−0.36 (3.14e−01)	0.04 (9.04e−01)	−0.20 (5.82e−01)	−0.02 (9.48e−01)	0.37 (2.90e−01)
N_NH4	0.45 (1.97e−01)	0.30 (3.95e−01)	0.47 (1.68e−01)	0.24 (4.96e−01)	0.24 (5.05e−01)	0.57 (8.58e−02)	0.74 (1.36e−02)	0.61 (6.00e−02)	−0.17 (6.46e−01)	0.49 (1.48e−01)	−0.59 (7.04e−02)	0.16 (6.68e−01)	0.70 (2.54e−02)	0.10 (7.77e−01)	1.00 (0.00e+00)	−0.02 (9.60e−01)	−0.00 (9.97e−01)	0.72 (1.89e−02)	−0.11 (7.68e−01)	0.21 (5.69e−01)	0.49 (1.54e−01)	−0.53 (1.16e−01)	−0.47 (1.73e−01)	0.28 (4.30e−01)	−0.54 (1.03e−01)	0.31 (3.85e−01)	0.23 (5.28e−01)
N_POC	0.07 (8.54e−01)	0.92 (1.31e−04)	0.78 (8.15e−03)	0.92 (1.45e−04)	0.29 (4.17e−01)	0.68 (2.96e−02)	0.00 (9.92e−01)	0.63 (5.33e−02)	−0.01 (9.81e−01)	0.56 (9.47e−02)	−0.63 (4.95e−02)	0.20 (5.77e−01)	0.50 (1.42e−01)	−0.06 (8.63e−01)	−0.02 (9.60e−01)	1.00 (0.00e+00)	1.00 (2.12e−12)	0.49 (1.54e−01)	0.61 (6.11e−02)	0.71 (2.06e−02)	0.52 (1.24e−01)	−0.56 (9.19e−02)	−0.52 (1.25e−01)	0.86 (1.36e−03)	−0.57 (8.34e−02)	0.79 (6.10e−03)	0.58 (7.68e−02)
N_PON	0.10 (7.77e−01)	0.93 (1.05e−04)	0.79 (7.13e−03)	0.93 (1.24e−04)	0.31 (3.85e−01)	0.70 (2.30e−02)	0.03 (9.27e−01)	0.65 (4.15e−02)	−0.01 (9.83e−01)	0.58 (7.96e−02)	−0.66 (3.92e−02)	0.20 (5.77e−01)	0.52 (1.21e−01)	−0.06 (8.73e−01)	−0.00 (9.97e−01)	1.00 (2.12e−12)	1.00 (0.00e+00)	0.50 (1.44e−01)	0.62 (5.37e−02)	0.74 (1.50e−02)	0.55 (1.02e−01)	−0.59 (7.36e−02)	−0.54 (1.05e−01)	0.87 (9.73e−04)	−0.60 (6.64e−02)	0.81 (4.95e−03)	0.61 (6.18e−02)
N_POS	0.26 (4.70e−01)	0.76 (1.06e−02)	0.90 (4.65e−04)	0.76 (1.08e−02)	0.37 (2.99e−01)	0.87 (1.06e−03)	0.51 (1.33e−01)	0.83 (2.79e−03)	−0.02 (9.54e−01)	0.61 (6.26e−02)	−0.77 (8.85e−03)	0.43 (2.20e−01)	0.80 (5.83e−03)	−0.01 (9.87e−01)	0.72 (1.89e−02)	0.49 (1.54e−01)	0.50 (1.44e−01)	1.00 (0.00e+00)	0.42 (2.30e−01)	0.57 (8.62e−02)	0.59 (7.25e−02)	−0.68 (3.02e−02)	−0.64 (4.46e−02)	0.77 (9.55e−03)	−0.70 (2.36e−02)	0.80 (5.67e−03)	0.52 (1.20e−01)
N_SO4	0.28 (4.36e−01)	0.60 (6.46e−02)	0.62 (5.46e−02)	0.62 (5.59e−02)	0.31 (3.78e−01)	0.62 (5.46e−02)	0.25 (4.89e−01)	0.58 (7.94e−02)	−0.04 (9.06e−01)	0.64 (4.81e−02)	−0.62 (5.62e−02)	0.03 (9.34e−01)	0.45 (1.97e−01)	0.34 (3.35e−01)	−0.11 (7.68e−01)	0.61 (6.11e−02)	0.62 (5.37e−02)	0.42 (2.30e−01)	1.00 (0.00e+00)	0.75 (1.24e−02)	0.54 (1.04e−01)	−0.58 (8.18e−02)	−0.55 (9.95e−02)	0.74 (1.45e−02)	−0.56 (9.39e−02)	0.69 (2.68e−02)	0.75 (1.21e−02)
P_Chl	0.50 (1.37e−01)	0.76 (1.04e−02)	0.75 (1.20e−02)	0.76 (1.09e−02)	0.69 (2.65e−02)	0.85 (1.88e−03)	0.40 (2.46e−01)	0.85 (1.64e−03)	0.18 (6.15e−01)	0.84 (2.40e−03)	−0.88 (8.73e−04)	0.06 (8.76e−01)	0.81 (4.52e−03)	0.18 (6.20e−01)	0.21 (5.69e−01)	0.71 (2.06e−02)	0.74 (1.50e−02)	0.57 (8.62e−02)	0.75 (1.24e−02)	1.00 (0.00e+00)	0.90 (3.63e−04)	−0.91 (2.21e−04)	−0.88 (7.75e−04)	0.89 (6.43e−04)	−0.91 (2.54e−04)	0.84 (2.20e−03)	0.96 (1.70e−05)
P_Cond	0.69 (2.77e−02)	0.63 (5.27e−02)	0.66 (3.93e−02)	0.59 (7.20e−02)	0.81 (4.52e−03)	0.80 (5.47e−03)	0.54 (1.06e−01)	0.87 (1.16e−03)	0.25 (4.85e−01)	0.91 (2.20e−04)	−0.91 (2.11e−04)	−0.10 (7.93e−01)	0.94 (7.13e−05)	0.32 (3.73e−01)	0.49 (1.54e−01)	0.52 (1.24e−01)	0.55 (1.02e−01)	0.59 (7.25e−02)	0.54 (1.04e−01)	0.90 (3.63e−04)	1.00 (0.00e+00)	−0.99 (6.18e−08)	−0.97 (4.12e−06)	0.74 (1.39e−02)	−0.98 (3.56e−07)	0.67 (3.39e−02)	0.86 (1.35e−03)
P_Oxygen	−0.69 (2.74e−02)	−0.69 (2.83e−02)	−0.73 (1.71e−02)	−0.66 (3.95e−02)	−0.78 (7.97e−03)	−0.87 (1.10e−03)	−0.56 (8.94e−02)	−0.93 (1.16e−04)	−0.22 (5.41e−01)	−0.90 (3.22e−04)	0.95 (2.90e−05)	−0.04 (9.19e−01)	−0.96 (6.91e−06)	−0.26 (4.65e−01)	−0.53 (1.16e−01)	−0.56 (9.19e−02)	−0.59 (7.36e−02)	−0.68 (3.02e−02)	−0.58 (8.18e−02)	−0.91 (2.21e−04)	−0.99 (6.18e−08)	1.00 (0.00e+00)	0.97 (2.79e−06)	−0.79 (6.47e−03)	1.00 (2.00e−10)	−0.73 (1.66e−02)	−0.87 (1.05e−03)
P_PAR_29_Aug	−0.61 (6.02e−02)	−0.63 (5.27e−02)	−0.68 (3.19e−02)	−0.60 (6.39e−02)	−0.87 (9.98e−04)	−0.78 (7.33e−03)	−0.42 (2.28e−01)	−0.85 (2.01e−03)	−0.39 (2.60e−01)	−0.87 (1.10e−03)	0.90 (4.40e−04)	−0.03 (9.27e−01)	−0.95 (2.90e−05)	−0.36 (3.14e−01)	−0.47 (1.73e−01)	−0.52 (1.25e−01)	−0.54 (1.05e−01)	−0.64 (4.46e−02)	−0.55 (9.95e−02)	−0.88 (7.75e−04)	−0.97 (4.12e−06)	0.97 (2.79e−06)	1.00 (0.00e+00)	−0.74 (1.45e−02)	0.96 (1.05e−05)	−0.67 (3.40e−02)	−0.85 (1.87e−03)
P_Phycocyanin_29_Aug	0.23 (5.15e−01)	0.96 (1.09e−05)	0.95 (1.79e−05)	0.96 (8.33e−06)	0.46 (1.86e−01)	0.91 (2.37e−04)	0.35 (3.17e−01)	0.85 (1.76e−03)	−0.01 (9.73e−01)	0.77 (9.13e−03)	−0.85 (1.62e−03)	0.18 (6.13e−01)	0.75 (1.17e−02)	0.04 (9.04e−01)	0.28 (4.30e−01)	0.86 (1.36e−03)	0.87 (9.73e−04)	0.77 (9.55e−03)	0.74 (1.45e−02)	0.89 (6.43e−04)	0.74 (1.39e−02)	−0.79 (6.47e−03)	−0.74 (1.45e−02)	1.00 (0.00e+00)	−0.80 (5.04e−03)	0.98 (6.90e−07)	0.80 (5.03e−03)
P_Temp	−0.69 (2.77e−02)	−0.71 (2.24e−02)	−0.75 (1.33e−02)	−0.68 (3.15e−02)	−0.76 (1.04e−02)	−0.88 (6.69e−04)	−0.57 (8.51e−02)	−0.94 (5.38e−05)	−0.21 (5.63e−01)	−0.89 (6.13e−04)	0.95 (3.26e−05)	−0.06 (8.75e−01)	−0.97 (5.25e−06)	−0.20 (5.82e−01)	−0.54 (1.03e−01)	−0.57 (8.34e−02)	−0.60 (6.64e−02)	−0.70 (2.36e−02)	−0.56 (9.39e−02)	−0.91 (2.54e−04)	−0.98 (3.56e−07)	1.00 (2.00e−10)	0.96 (1.05e−05)	−0.80 (5.04e−03)	1.00 (0.00e+00)	−0.75 (1.30e−02)	−0.85 (1.75e−03)
P_Turb	0.15 (6.75e−01)	0.93 (7.25e−05)	0.96 (1.00e−05)	0.95 (3.30e−05)	0.38 (2.83e−01)	0.91 (2.28e−04)	0.39 (2.62e−01)	0.83 (3.06e−03)	−0.08 (8.31e−01)	0.71 (2.22e−02)	−0.82 (3.97e−03)	0.25 (4.77e−01)	0.71 (2.09e−02)	−0.02 (9.48e−01)	0.31 (3.85e−01)	0.79 (6.10e−03)	0.81 (4.95e−03)	0.80 (5.67e−03)	0.69 (2.68e−02)	0.84 (2.20e−03)	0.67 (3.39e−02)	−0.73 (1.66e−02)	−0.67 (3.40e−02)	0.98 (6.90e−07)	−0.75 (1.30e−02)	1.00 (0.00e+00)	0.78 (7.20e−03)
Secondary_production	0.46 (1.80e−01)	0.66 (3.84e−02)	0.69 (2.62e−02)	0.65 (4.23e−02)	0.63 (4.87e−02)	0.80 (5.09e−03)	0.49 (1.47e−01)	0.80 (5.64e−03)	0.09 (8.15e−01)	0.87 (1.21e−03)	−0.87 (1.06e−03)	0.03 (9.26e−01)	0.77 (8.52e−03)	0.37 (2.90e−01)	0.23 (5.28e−01)	0.58 (7.68e−02)	0.61 (6.18e−02)	0.52 (1.20e−01)	0.75 (1.21e−02)	0.96 (1.70e−05)	0.86 (1.35e−03)	−0.87 (1.05e−03)	−0.85 (1.87e−03)	0.80 (5.03e−03)	−0.85 (1.75e−03)	0.78 (7.20e−03)	1.00 (0.00e+00)