

3x1 aggregation zone, along scan BBR - Upper right quadrant is shift value, lower left quadrant is standard deviation (minimum NMI peak):

shifted -> fixed v	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	I1	I2	I3	I4	I5
M1		0.000	0.000	0.000	-0.016	-0.008	-0.011	-0.013	-0.009	0.018	-0.020	0.018	0.033	0.009	0.014	0.018	0.006	-0.029	0.009	0.026	-
M2	0 (0.76)		0.000	0.000	-0.015	0.000	-0.004	-0.013	-0.013	0.010	-0.019	0.021	0.034	0.006	0.016	0.015	0.018	-0.021	-0.003	0.020	0.015
M3	0 (0.66)	0 (0.75)		0.000	0.000	0.004	0.000	-0.009	-0.003	0.018	-0.014	0.023	0.031	0.014	0.019	0.023	0.015	-0.015	-0.018	-0.008	-0.039
M4	0 (0.63)	0 (0.7)	0 (0.76)		-0.011	-0.021	-0.003	-0.016	-	0.001	-0.026	-0.003	0.008	-0.001	0.005	0.009	-0.006	-0.029	-0.008	0.008	-0.016
M5	0.012 (0.54)	0.013 (0.59)	0 (0.65)	0.013 (0.67)		0.003	0.000	-0.003	-	0.009	-0.015	0.031	0.030	-0.016	0.018	0.020	0.013	0.018	0.024	-0.009	0.000
M6	0.063 (0.23)	0.03 (0.24)	0.046 (0.26)	0.054 (0.34)	0.024 (0.3)		0.001	0.000	-	0.023	-0.004	0.014	0.026	0.000	0.013	0.028	0.071	0.020	0.016	0.003	0.031
M7	0.013 (0.45)	0.009 (0.49)	0 (0.52)	0.008 (0.54)	0 (0.6)	0.006 (0.7)		-0.005	-	0.005	-0.018	0.019	0.016	-0.003	0.006	0.008	0.005	0.010	-0.020	0.014	0.001
M8	0.013 (0.33)	0.013 (0.34)	0.012 (0.36)	0.012 (0.43)	0.008 (0.4)	0 (0.51)	0.01 (0.57)		-	0.016	-0.009	0.019	0.021	0.004	0.008	0.014	0.038	0.024	0.038	0.033	0.024
M9	0.056 (0.22)	0.064 (0.21)	0.069 (0.18)	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
M10	0.027 (0.28)	0.024 (0.29)	0.018 (0.32)	0.01 (0.39)	0.017 (0.35)	0.014 (0.41)	0.01 (0.43)	0.017 (0.5)	-		-0.026	0.009	0.018	-0.010	0.000	0.003	0.008	0.003	-0.019	0.026	0.033
M11	0.017 (0.32)	0.016 (0.34)	0.015 (0.36)	0.015 (0.37)	0.015 (0.4)	0.022 (0.35)	0.018 (0.36)	0.015 (0.44)	-	0.006 (0.56)		0.029	0.025	0.010	0.011	0.015	0.041	0.024	0.029	0.053	0.018
M12	0.023 (0.27)	0.017 (0.3)	0.014 (0.31)	0.036 (0.31)	0.018 (0.35)	0.017 (0.3)	0.011 (0.29)	0.011 (0.31)	-	0.019 (0.39)	0.02 (0.42)		-0.001	-0.021	-0.015	-0.011	-0.034	0.009	-0.030	-0.004	0.006
M13	0.018 (0.26)	0.019 (0.28)	0.014 (0.29)	0.041 (0.29)	0.015 (0.31)	0.021 (0.29)	0.028 (0.28)	0.012 (0.31)	-	0.02 (0.36)	0.018 (0.38)	0.006 (0.64)		-0.019	-0.023	-0.021	-0.023	-0.008	-0.031	-0.020	0.008
M14	0.019 (0.25)	0.023 (0.28)	0.021 (0.29)	0.017 (0.28)	0.103 (0.31)	0.026 (0.29)	0.024 (0.28)	0.017 (0.31)	-	0.017 (0.37)	0.021 (0.36)	0.009 (0.56)	0.02 (0.58)		0.000	0.000	0.013	0.013	0.005	0.014	0.020
M15	0.024 (0.25)	0.025 (0.28)	0.023 (0.29)	0.019 (0.28)	0.02 (0.31)	0.017 (0.29)	0.023 (0.28)	0.016 (0.3)	-	0.018 (0.36)	0.025 (0.36)	0.013 (0.55)	0.014 (0.58)	0 (0.76)		0.000	0.010	-0.004	-0.031	0.010	0.011
M16	0.02 (0.26)	0.019 (0.27)	0.018 (0.29)	0.019 (0.28)	0.017 (0.32)	0.066 (0.29)	0.022 (0.28)	0.017 (0.3)	-	0.011 (0.37)	0.013 (0.36)	0.017 (0.54)	0.012 (0.57)	0 (0.72)	0 (0.79)		-0.018	-0.020	-0.014	0.013	0.005
I1	0.051 (0.23)	0.046 (0.25)	0.048 (0.27)	0.054 (0.28)	0.022 (0.32)	0.124 (0.18)	0.026 (0.24)	0.074 (0.19)	-	0.053 (0.18)	0.067 (0.2)	0.078 (0.18)	0.065 (0.17)	0.086 (0.17)	0.059 (0.16)	0.073 (0.17)		0.000	-0.006	0.008	0.008
I2	0.07 (0.19)	0.048 (0.19)	0.059 (0.2)	0.054 (0.21)	0.036 (0.22)	0.039 (0.25)	0.027 (0.3)	0.055 (0.27)	-	0.072 (0.23)	0.083 (0.21)	0.082 (0.17)	0.06 (0.16)	0.065 (0.16)	0.08 (0.16)	0.068 (0.16)	0 (0.57)		-0.005	0.004	0.008
I3	0.099 (0.17)	0.047 (0.17)	0.063 (0.18)	0.03 (0.19)	0.103 (0.19)	0.055 (0.22)	0.043 (0.21)	0.056 (0.27)	-	0.028 (0.3)	0.037 (0.28)	0.071 (0.23)	0.048 (0.21)	0.026 (0.2)	0.095 (0.19)	0.025 (0.2)	0.011 (0.32)	0.013 (0.38)		0.020	0.016
I4	0.065 (0.15)	0.07 (0.17)	0.073 (0.18)	0.081 (0.18)	0.069 (0.18)	0.047 (0.16)	0.084 (0.16)	0.062 (0.19)	-	0.077 (0.22)	0.067 (0.25)	0.035 (0.32)	0.048 (0.3)	0.046 (0.26)	0.045 (0.27)	0.049 (0.27)	0.014 (0.31)	0.019 (0.26)	0.013 (0.35)		-0.004
I5	-	0.072 (0.15)	0.093 (0.16)	0.074 (0.16)	0.05 (0.17)	0.119 (0.17)	0.083 (0.17)	0.106 (0.18)	-	0.094 (0.22)	0.056 (0.21)	0.06 (0.28)	0.057 (0.3)	0.036 (0.33)	0.032 (0.34)	0.037 (0.35)	0.014 (0.27)	0.027 (0.24)	0.017 (0.31)	0.012 (0.5)	

Note: Negative values mean shift to west needed. Positive values mean shift to east needed.

2x1 aggregation zone, along scan BBR - Upper right quadrant is shift value, lower left quadrant is standard deviation (minimum NMI peak):

shifted -> fixed v	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	I1	I2	I3	I4	I5
M1		0.000	-0.018	0.000	-0.024	-0.111	-0.010	-0.030	-0.034	0.014	-0.019	0.023	0.031	-0.020	-0.015	0.008	-0.003	-	-	-	-
M2	0 (0.77)		-0.006	0.000	-0.023	-0.098	-0.005	-0.029	-0.025	0.005	-0.015	0.015	0.029	-0.006	0.003	-0.004	-0.005	-	-	-	0.010
M3	0.014 (0.66)	0.011 (0.73)		0.001	0.000	-0.058	0.000	-0.009	-0.018	0.016	-0.014	0.036	0.033	0.003	0.018	0.018	0.030	0.003	-	0.028	-
M4	0.008 (0.67)	0 (0.72)	0.006 (0.74)		-0.021	-0.019	-0.005	-0.026	-0.019	-0.003	-0.030	0.029	0.024	-0.003	-0.001	0.009	0.005	-0.020	-0.026	-0.018	-0.009
M5	0.006 (0.56)	0.008 (0.61)	0 (0.67)	0.009 (0.67)		0.001	0.001	-0.003	-0.011	0.021	-0.005	0.038	0.045	0.004	0.015	0.024	0.025	0.008	-0.003	0.054	0.063
M6	0.115 (0.19)	0.116 (0.2)	0.122 (0.22)	0.02 (0.31)	0.017 (0.31)		0.015	-0.001	-	0.021	-0.005	0.046	0.056	0.011	0.018	0.021	-	0.006	0.003	0.021	-
M7	0.013 (0.43)	0.01 (0.47)	0.008 (0.5)	0.01 (0.52)	0.006 (0.59)	0.013 (0.67)		-0.018	-0.014	0.006	-0.025	0.029	0.040	0.003	0.009	0.019	0.001	0.005	0.001	0.021	-
M8	0.025 (0.34)	0.02 (0.34)	0.019 (0.35)	0.013 (0.38)	0.014 (0.37)	0.01 (0.5)	0.014 (0.56)		-0.013	0.020	-0.008	0.045	0.050	0.009	0.011	0.014	0.011	0.028	0.025	0.015	-0.011
M9	0.121 (0.24)	0.085 (0.23)	0.046 (0.19)	0.035 (0.17)	0.03 (0.16)	-	0.03 (0.15)	0.021 (0.2)		-	-	-	-	-	-	-	-	-	-	-	-
M10	0.026 (0.2)	0.021 (0.24)	0.02 (0.28)	0.008 (0.42)	0.009 (0.34)	0.009 (0.39)	0.014 (0.43)	0.01 (0.52)	-		-0.026	0.016	0.024	-0.019	-0.005	0.004	-0.015	-0.021	-0.020	-0.015	-0.014
M11	0.027 (0.23)	0.021 (0.27)	0.017 (0.32)	0.01 (0.37)	0.01 (0.37)	0.015 (0.35)	0.018 (0.37)	0.012 (0.45)	-	0.01 (0.57)		0.041	0.048	0.014	0.024	0.025	0.020	0.008	0.023	0.023	0.033
M12	0.039 (0.22)	0.033 (0.24)	0.03 (0.28)	0.032 (0.29)	0.015 (0.33)	0.019 (0.28)	0.022 (0.29)	0.015 (0.32)	-	0.019 (0.36)	0.02 (0.38)		0.006	-0.031	-0.026	-0.020	-0.026	-0.038	-0.036	-0.023	-0.016
M13	0.037 (0.19)	0.043 (0.24)	0.041 (0.27)	0.024 (0.27)	0.021 (0.3)	0.018 (0.25)	0.022 (0.28)	0.02 (0.28)	-	0.017 (0.33)	0.026 (0.32)	0.011 (0.6)		-0.039	-0.031	-0.028	-0.039	-0.039	-0.035	-0.043	-0.030
M14	0.053 (0.19)	0.039 (0.23)	0.044 (0.26)	0.047 (0.26)	0.023 (0.3)	0.019 (0.26)	0.021 (0.27)	0.017 (0.3)	-	0.016 (0.31)	0.021 (0.31)	0.014 (0.55)	0.017 (0.54)		0.006	0.015	0.015	-	0.009	0.014	0.019
M15	0.052 (0.2)	0.044 (0.23)	0.022 (0.26)	0.025 (0.25)	0.017 (0.3)	0.016 (0.26)	0.019 (0.26)	0.047 (0.29)	-	0.019 (0.31)	0.022 (0.31)	0.01 (0.55)	0.02 (0.55)	0.011 (0.7)		0.001	0.004	0.006	-0.003	0.005	0.001
M16	0.038 (0.18)	0.044 (0.23)	0.03 (0.25)	0.033 (0.26)	0.021 (0.29)	0.019 (0.26)	0.023 (0.26)	0.048 (0.3)	-	0.017 (0.31)	0.02 (0.31)	0.019 (0.53)	0.016 (0.54)	0.013 (0.67)	0.006 (0.73)		-	-	0.004	-0.006	-0.003
I1	0.044 (0.2)	0.056 (0.22)	0.06 (0.25)	0.043 (0.25)	0.028 (0.3)	-	0.036 (0.22)	0.031 (0.16)	-	0.05 (0.17)	0.039 (0.18)	0.024 (0.18)	0.032 (0.16)	0.055 (0.15)	0.046 (0.16)	-		-0.001	-0.006	0.020	0.005
I2	-	-	0.084 (0.17)	0.072 (0.19)	0.065 (0.2)	0.127 (0.25)	0.036 (0.29)	0.031 (0.24)	-	0.026 (0.21)	0.045 (0.18)	0.037 (0.16)	0.046 (0.16)	-	0.038 (0.16)	-	0.006 (0.56)		-0.004	0.010	0.021
I3	-	-	-	0.042 (0.19)	0.07 (0.16)	0.041 (0.19)	0.046 (0.21)	0.039 (0.22)	-	0.033 (0.27)	0.026 (0.25)	0.034 (0.2)	0.037 (0.18)	0.051 (0.17)	0.05 (0.17)	0.037 (0.17)	0.011 (0.32)	0.009 (0.38)		0.011	0.019
I4	-	-	0.07 (0.16)	0.07 (0.16)	0.078 (0.18)	0.125 (0.15)	0.037 (0.16)	0.042 (0.15)	-	0.038 (0.2)	0.045 (0.2)	0.024 (0.29)	0.03 (0.27)	0.031 (0.23)	0.035 (0.25)	0.032 (0.26)	0.022 (0.3)	0.046 (0.26)	0.03 (0.32)		-0.006
I5	-	0.083 (0.15)	-	0.056 (0.16)	0.1 (0.17)	-	-	0.092 (0.15)	-	0.036 (0.16)	0.057 (0.17)	0.041 (0.25)	0.026 (0.26)	0.024 (0.32)	0.021 (0.31)	0.02 (0.33)	0.022 (0.23)	0.022 (0.22)	0.021 (0.26)	0.014 (0.45)	

Note: Negative values mean shift to west needed. Positive values mean shift to east needed.

1x1 aggregation zone, along scan BBR - Upper right quadrant is shift value, lower left quadrant is standard deviation (minimum NMI peak):

shifted -> fixed v	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	I1	I2	I3	I4	I5
M1		0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M2	0.026 (0.59)		-0.008	-	-	-	-	-0.041	-	0.029	-	-	-	-0.010	-	-	0.063	-	-	-	-
M3	-	0.024 (0.62)		-	-	-	0.009	-0.019	-	0.031	-	-	0.083	-0.015	0.024	0.019	0.039	-	-	-	-
M4	-	-	-		-0.024	-0.048	-0.021	-0.050	-	0.011	-0.025	0.025	0.039	-0.050	-0.026	-0.009	0.011	-0.028	-0.033	-	-
M5	-	-	-	0.04 (0.45)		-0.026	0.018	-0.015	-	0.045	0.003	-	-	0.013	0.025	0.039	0.040	-	0.023	-	-
M6	-	-	-	0.026 (0.31)	0.064 (0.24)		0.025	0.006	-	0.053	0.019	0.096	-	0.018	0.039	0.041	-	0.035	0.028	-	-
M7	-	-	0.062 (0.17)	0.026 (0.34)	0.02 (0.24)	0.0 (0.7)		-0.023	-	0.024	0.003	0.050	-	-0.010	-0.013	0.008	-	0.009	0.010	-	-
M8	-	0.037 (0.17)	0.018 (0.18)	0.014 (0.39)	0.031 (0.26)	0.011 (0.53)	0.016 (0.58)		-	0.061	0.020	-	-	0.008	0.028	0.034	-	0.035	0.040	-	-
M9	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
M10	-	0.045 (0.15)	0.028 (0.23)	0.015 (0.41)	0.024 (0.3)	0.029 (0.4)	0.029 (0.44)	0.017 (0.5)	-		-0.043	0.030	-	-0.043	-0.019	-0.015	-0.030	-0.021	-0.029	-0.001	-0.033
M11	-	-	-	0.021 (0.39)	0.026 (0.34)	0.021 (0.33)	0.044 (0.35)	0.043 (0.4)	-	0.016 (0.53)		0.070	-	-0.009	-	0.021	0.029	0.011	0.006	0.043	0.006
M12	-	-	-	0.03 (0.27)	-	0.055 (0.18)	0.04 (0.21)	-	-	0.024 (0.29)	0.026 (0.3)		0.023	-	-	-	-0.069	-	-0.064	-0.050	-0.070
M13	-	-	0.053 (0.21)	0.032 (0.25)	-	-	-	-	-	-	-	0.008 (0.59)		-	-	-	-	-	-0.105	-0.090	-0.084
M14	-	0.083 (0.16)	0.053 (0.24)	0.026 (0.26)	0.03 (0.28)	0.047 (0.22)	0.022 (0.24)	0.03 (0.26)	-	0.022 (0.27)	0.023 (0.25)	-	-		-	-	-	-	0.013	0.024	0.035
M15	-	-	0.025 (0.24)	0.033 (0.27)	0.018 (0.29)	0.051 (0.2)	0.058 (0.24)	0.037 (0.21)	-	0.02 (0.27)	-	-	-	-		-	-	-	-0.030	-0.005	0.003
M16	-	-	0.04 (0.17)	0.023 (0.25)	0.024 (0.27)	0.039 (0.23)	0.04 (0.25)	0.035 (0.24)	-	0.019 (0.29)	0.022 (0.23)	-	-	-	-		-	-	-0.048	-0.010	-0.014
I1	-	0.077 (0.17)	0.08 (0.22)	0.056 (0.27)	0.027 (0.29)	-	-	-	-	0.048 (0.18)	0.047 (0.18)	0.047 (0.17)	-	-	-	-		-0.019	-0.011	0.019	0.023
I2	-	-	-	0.053 (0.16)	-	0.027 (0.21)	0.041 (0.24)	0.038 (0.23)	-	0.032 (0.2)	0.045 (0.17)	-	-	-	-	-	0.036 (0.25)		0.006	0.045	0.040
I3	-	-	-	0.061 (0.18)	0.062 (0.17)	0.047 (0.18)	0.04 (0.19)	0.04 (0.2)	-	0.02 (0.25)	0.035 (0.23)	0.047 (0.17)	0.063 (0.15)	0.057 (0.17)	0.128 (0.17)	0.098 (0.16)	0.013 (0.31)	0.018 (0.38)		0.033	0.028
I4	-	-	-	-	-	-	-	-	-	0.094 (0.18)	0.08 (0.18)	0.049 (0.23)	0.032 (0.23)	0.037 (0.24)	0.042 (0.22)	0.039 (0.22)	0.02 (0.29)	0.038 (0.18)	0.016 (0.31)		-
I5	-	-	-	-	-	-	-	-	-	0.072 (0.17)	0.074 (0.17)	0.046 (0.21)	0.076 (0.23)	0.039 (0.23)	0.032 (0.23)	0.026 (0.27)	0.018 (0.24)	0.029 (0.19)	0.016 (0.26)	-	

Note: Negative values mean shift to west needed. Positive values mean shift to east needed.

Consolidated along track BBR - Upper right quadrant is shift value, lower left quadrant is standard deviation (minimum NMI peak):

shifted -> fixed v	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	I1	I2	I3	I4	I5
M1		0.000	0.004	-0.001	0.009	0.016	0.009	0.016	0.009	0.006	0.025	0.011	-0.008	0.024	0.025	0.011	0.015	0.008	0.009	-0.036	-0.020
M2	0 (0.78)		0.000	0.000	0.001	0.003	0.008	0.019	0.003	0.011	0.024	0.021	-0.005	0.028	0.019	0.024	-0.004	0.014	0.003	-0.010	-0.013
M3	0.012 (0.67)	0 (0.76)		0.000	0.001	0.001	0.004	0.021	0.010	0.004	0.024	0.023	0.010	0.025	0.024	0.020	-0.023	0.003	-0.018	0.006	-0.008
M4	0.006 (0.68)	0 (0.73)	0 (0.77)		0.011	0.009	0.005	0.019	0.014	0.008	0.020	0.021	0.008	0.028	0.018	0.028	0.001	-0.001	0.035	0.013	0.016
M5	0.012 (0.57)	0.01 (0.62)	0.006 (0.68)	0.013 (0.69)		0.004	-0.001	0.015	0.008	-0.003	0.009	0.011	-0.008	0.023	0.025	0.023	-0.011	-0.013	-0.013	0.008	0.005
M6	0.046 (0.23)	0.046 (0.25)	0.046 (0.27)	0.02 (0.36)	0.031 (0.34)		0.000	0.003	-	0.001	0.010	0.013	-0.008	0.018	0.028	0.036	-0.023	0.018	0.001	0.009	0.073
M7	0.015 (0.47)	0.014 (0.51)	0.012 (0.54)	0.013 (0.56)	0.006 (0.62)	0 (0.72)		0.006	0.018	0.000	0.014	0.014	-0.006	0.025	0.031	0.019	0.005	-0.015	-0.001	0.043	0.069
M8	0.023 (0.37)	0.023 (0.37)	0.017 (0.39)	0.011 (0.44)	0.017 (0.42)	0.008 (0.55)	0.011 (0.61)		0.006	-0.006	0.005	-0.001	-0.010	0.016	0.019	0.013	-0.015	-0.034	0.010	0.004	0.005
M9	0.141 (0.27)	0.092 (0.26)	0.068 (0.23)	0.034 (0.19)	0.027 (0.19)	-	0.033 (0.19)	0.028 (0.22)		-	-0.004	-	-	-	-0.018	-0.010	-	-	-	-	-
M10	0.024 (0.28)	0.017 (0.3)	0.017 (0.33)	0.012 (0.45)	0.018 (0.38)	0.013 (0.44)	0.011 (0.49)	0.011 (0.54)	-		0.014	0.019	0.000	0.026	0.028	0.025	-0.023	-0.009	-0.001	0.021	0.040
M11	0.018 (0.32)	0.013 (0.35)	0.013 (0.37)	0.024 (0.42)	0.02 (0.41)	0.019 (0.38)	0.017 (0.41)	0.01 (0.49)	0.023 (0.19)	0.013 (0.59)		0.004	-0.010	0.013	0.010	0.014	-0.021	-0.029	-0.019	0.008	0.021
M12	0.029 (0.29)	0.027 (0.3)	0.016 (0.32)	0.045 (0.33)	0.017 (0.36)	0.021 (0.31)	0.024 (0.31)	0.013 (0.35)	-	0.014 (0.41)	0.019 (0.42)		-0.014	0.009	0.011	0.004	-0.023	-0.033	-0.025	-0.013	0.045
M13	0.035 (0.27)	0.034 (0.29)	0.022 (0.31)	0.018 (0.3)	0.02 (0.33)	0.023 (0.3)	0.018 (0.3)	0.015 (0.33)	-	0.014 (0.38)	0.019 (0.38)	0.013 (0.64)		0.029	0.019	0.021	0.015	0.009	-0.010	0.019	0.061
M14	0.032 (0.26)	0.032 (0.29)	0.031 (0.3)	0.029 (0.29)	0.03 (0.33)	0.037 (0.3)	0.018 (0.3)	0.012 (0.32)	-	0.01 (0.37)	0.017 (0.38)	0.015 (0.57)	0.015 (0.59)		0.000	0.000	-0.033	-0.055	-0.049	-0.028	0.006
M15	0.028 (0.26)	0.03 (0.29)	0.027 (0.3)	0.033 (0.3)	0.016 (0.33)	0.014 (0.3)	0.025 (0.29)	0.014 (0.32)	0.085 (0.17)	0.008 (0.37)	0.022 (0.37)	0.013 (0.56)	0.018 (0.59)	0 (0.76)		0.000	-0.020	-0.056	-0.050	-0.025	0.011
M16	0.026 (0.26)	0.031 (0.29)	0.028 (0.3)	0.027 (0.31)	0.014 (0.33)	0.059 (0.3)	0.02 (0.3)	0.013 (0.32)	0.082 (0.21)	0.008 (0.38)	0.015 (0.37)	0.009 (0.55)	0.015 (0.57)	0 (0.72)	0 (0.79)		-0.029	-0.059	-0.044	-0.015	0.008
I1	0.042 (0.27)	0.045 (0.29)	0.052 (0.31)	0.035 (0.33)	0.026 (0.36)	0.106 (0.19)	0.033 (0.27)	0.044 (0.2)	-	0.034 (0.2)	0.043 (0.23)	0.061 (0.2)	0.059 (0.19)	0.068 (0.18)	0.059 (0.18)	0.06 (0.18)		0.000	0.014	0.024	0.059
I2	0.056 (0.21)	0.046 (0.23)	0.043 (0.23)	0.049 (0.25)	0.035 (0.26)	0.093 (0.29)	0.027 (0.35)	0.039 (0.29)	-	0.046 (0.27)	0.042 (0.24)	0.108 (0.19)	0.06 (0.18)	0.078 (0.18)	0.061 (0.2)	0.061 (0.18)	0 (0.59)		0.009	0.011	0.059
I3	0.079 (0.17)	0.061 (0.17)	0.109 (0.19)	0.073 (0.23)	0.084 (0.21)	0.042 (0.24)	0.036 (0.26)	0.041 (0.28)	-	0.047 (0.33)	0.047 (0.31)	0.035 (0.24)	0.044 (0.22)	0.027 (0.21)	0.041 (0.2)	0.04 (0.21)	0.015 (0.35)	0.017 (0.42)		0.004	0.053
I4	0.075 (0.16)	0.085 (0.18)	0.125 (0.19)	0.115 (0.19)	0.076 (0.21)	0.131 (0.18)	0.064 (0.2)	0.05 (0.2)	-	0.045 (0.23)	0.047 (0.25)	0.046 (0.34)	0.04 (0.32)	0.034 (0.29)	0.035 (0.3)	0.036 (0.3)	0.021 (0.33)	0.021 (0.27)	0.017 (0.36)		0.045
I5	0.12 (0.17)	0.118 (0.17)	0.058 (0.18)	0.095 (0.18)	0.091 (0.19)	0.101 (0.18)	0.118 (0.18)	0.078 (0.2)	-	0.053 (0.23)	0.058 (0.22)	0.04 (0.31)	0.052 (0.33)	0.039 (0.36)	0.039 (0.36)	0.038 (0.37)	0.015 (0.28)	0.025 (0.25)	0.016 (0.32)	0.019 (0.51)	

NOTE: Negative values mean shift to north needed. Positive values mean shift to south needed.