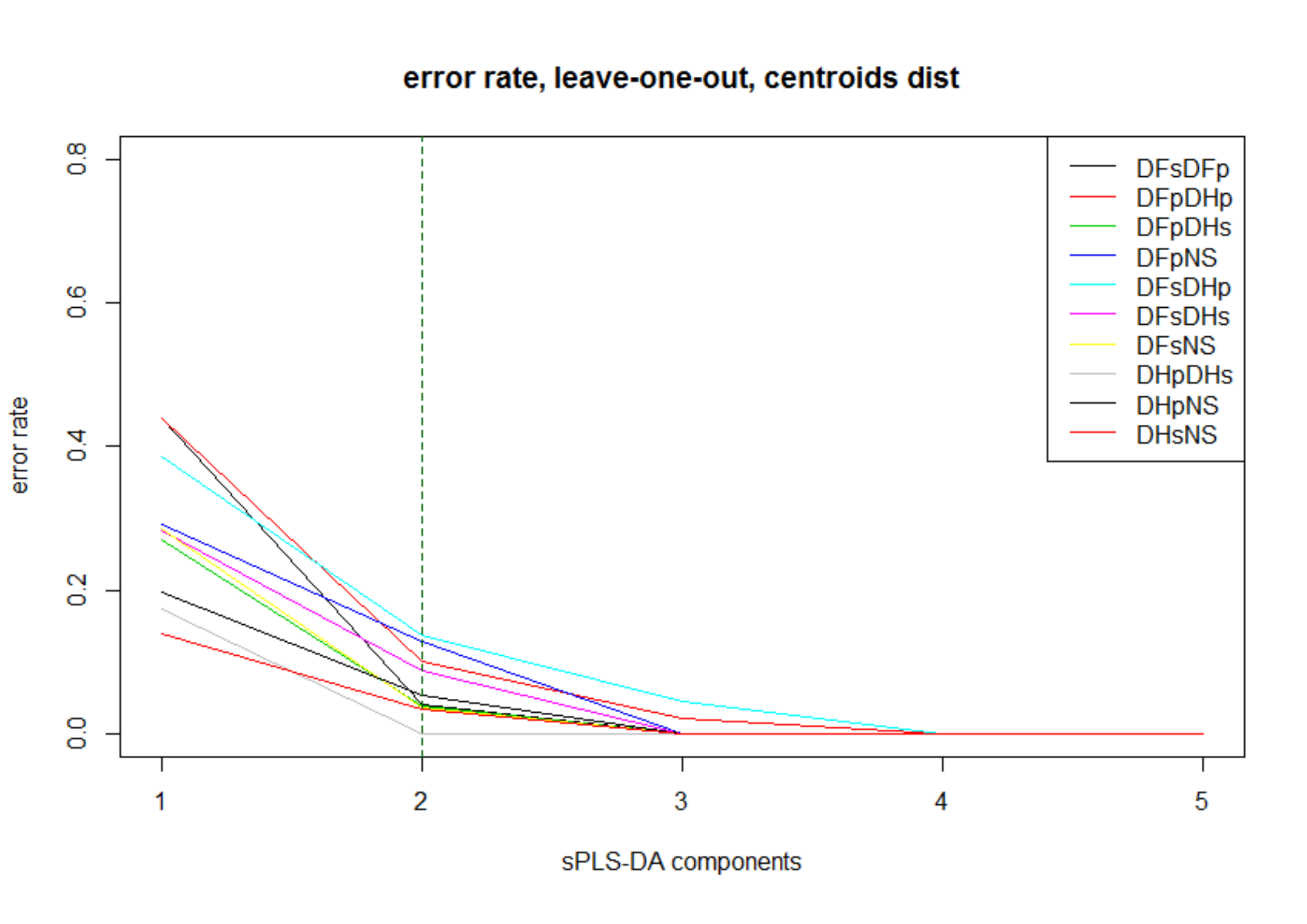
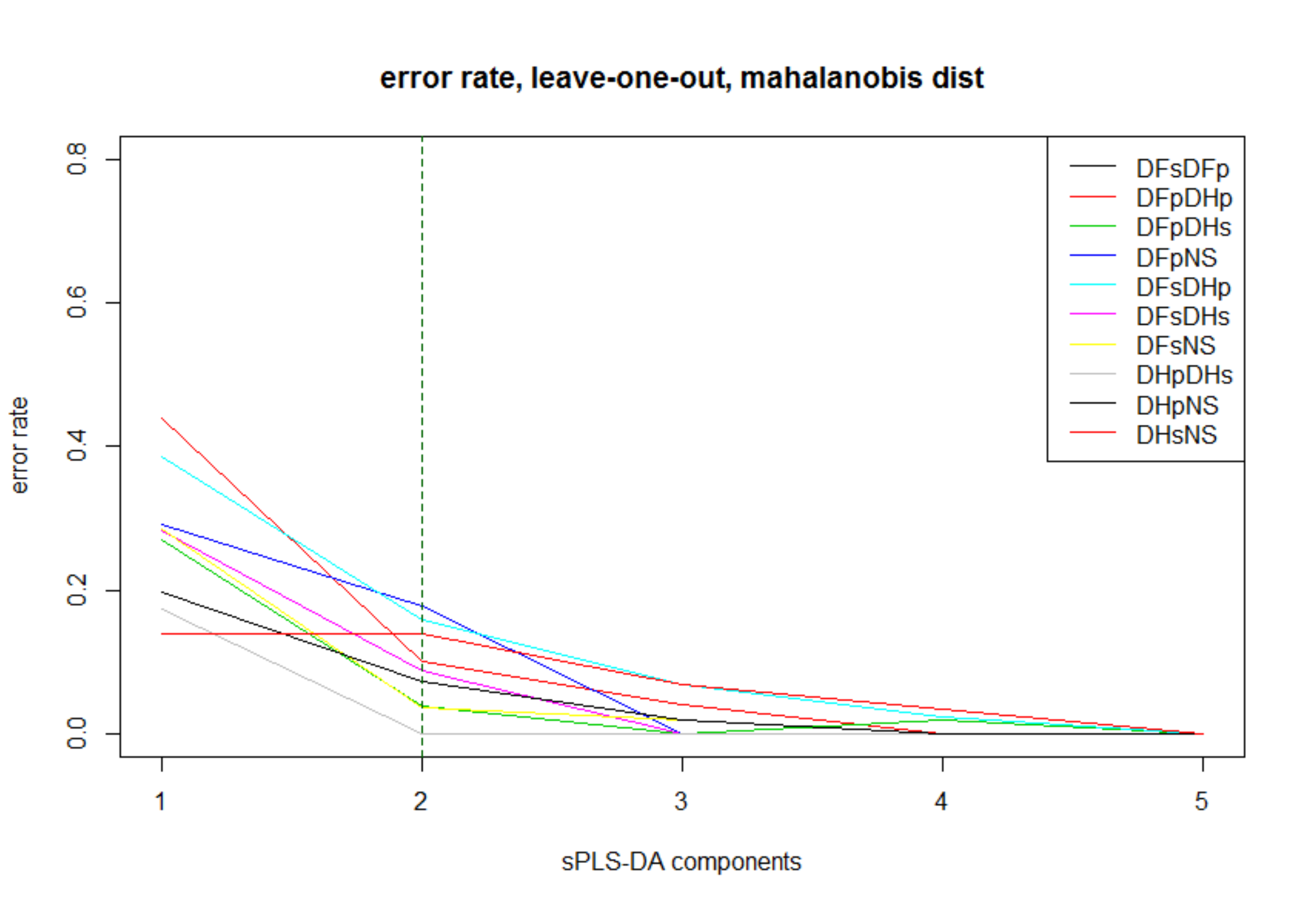
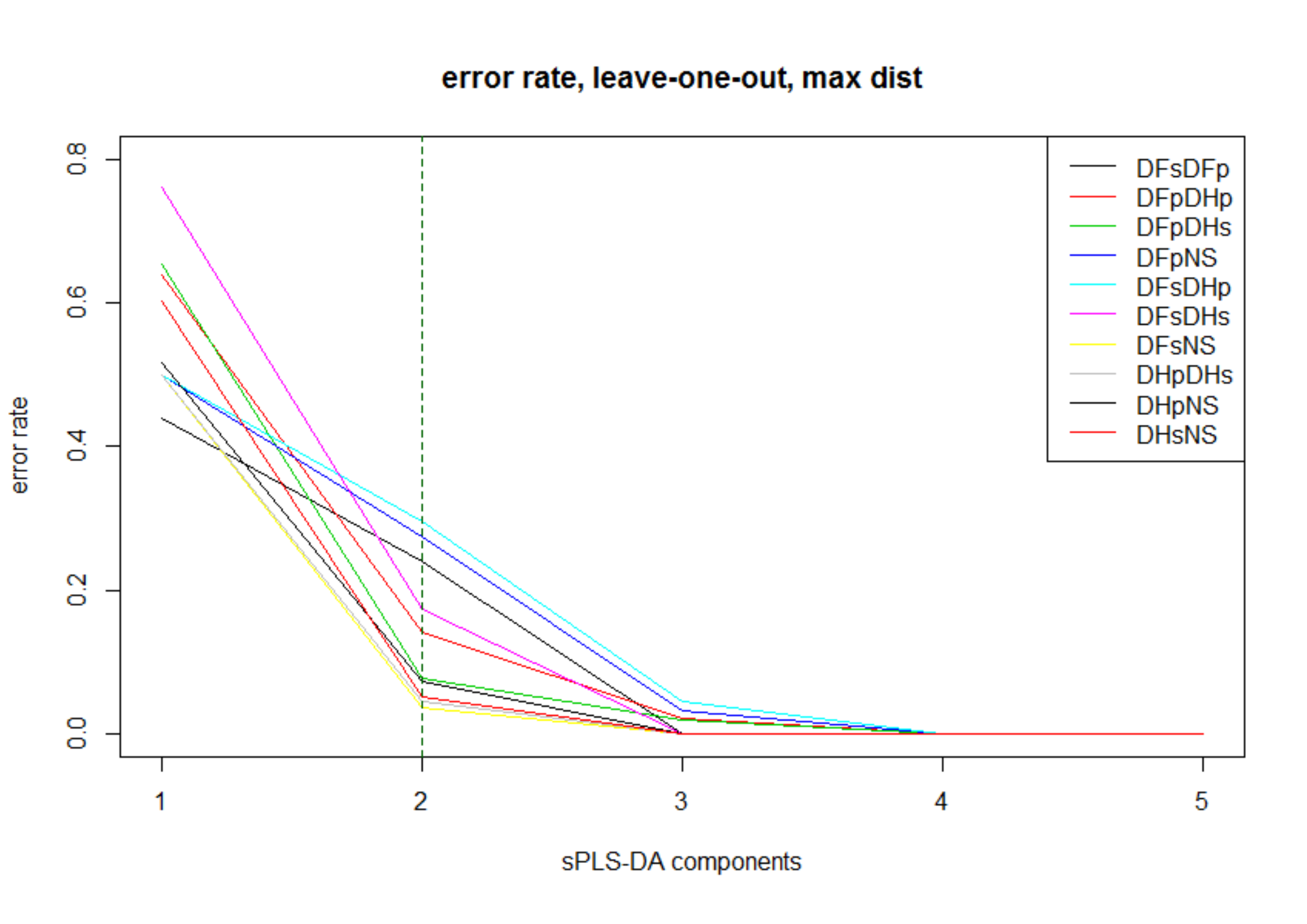

error rate, leave-one-out, centroids dist
error rate
0.0
0.2
0.4
0.6
0.8
1
2
3
4
5
sPLS-DA components
DFsDFp
DFpDHp
DFpDHs
DFpNS
DFsDHp
DFsDHs
DFsNS
DHpDHs
DHpNS
DHsNS


error rate, leave-one-out, mahalanobis dist
error rate
0.0
0.2
0.4
0.6
0.8
1
2
3
4
5
sPLS-DA components
DFsDFp
DFpDHp
DFpDHs
DFpNS
DFsDHp
DFsDHs
DFsNS
DHpDHs
DHpNS
DHsNS


error rate, leave-one-out, max dist
error rate
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0.2
0.4
0.6
0.8
1
2
3
4
5
sPLS-DA components
DFsDFp
DFpDHp
DFpDHs
DFpNS
DFsDHp
DFsDHs
DFsNS
DHpDHs
DHpNS
DHsNS

Figure S1: Classification error rate as a function of the number of components

The uncertainty and validity of sPLS-DA pairwise models were assessed by plotting the classification error rate (centroids, mahalanobis and max distances) as a function of the number of components based on the leave-one-out validation strategy. NS – non-dengue infection; DFp – dengue fever primary infection; DFs – dengue fever secondary infection; DHFp – dengue hemorrhagic fever primary infection; DHFs – dengue hemorrhagic fever secondary infection;

El-Bacha *et al.*, Figure S2

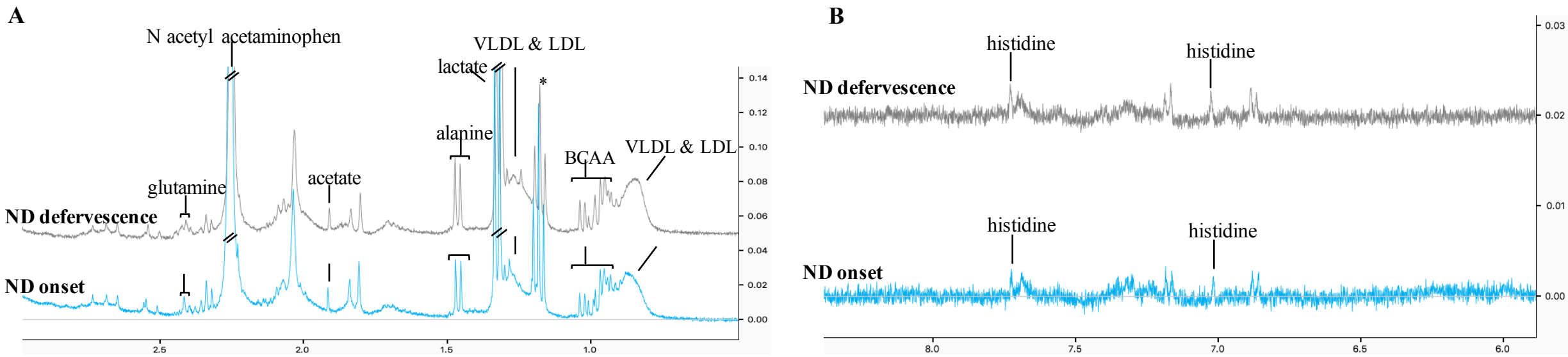

Figure S2. (A) Aliphatic region (δ^1H 0.5-3.0) and (B) aromatic region (δ^1H 6.0-8.5) of representative NMR plasma spectra acquired using the Carr-Purcell-Meiboom-Gill sequence from ND-infection samples at the onset of symptoms and at the defervescence phase of disease. ND (non-dengue infection) onset- Light blue; ND-infection defervescence – Light gray. *ethanol peaks from antiseptic swabbing contamination of samples during collection; N-acetyl signals of acetaminophen are derived from common medication taken by patients.

El-Bacha *et al.*, Figure S3

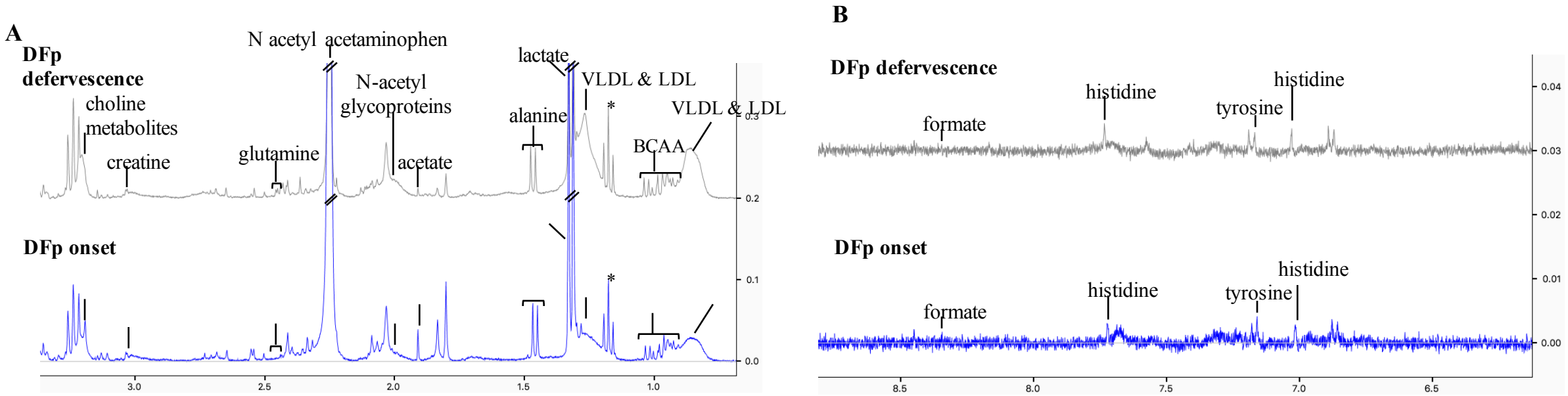

Figure S3. (A) Aliphatic region (δ^1H 0.5-3.0) and (B) aromatic region (δ^1H 6.0-8.5) of representative NMR plasma spectra acquired using the Carr-Purcell-Meiboom-Gill sequence from DFp infection samples. All representative samples at the onset of symptoms and at the defervescence phase of disease. DFp (dengue fever primary infection) – Dark Blue; DFp defervescence – Light gray. *ethanol peaks from antiseptic swabbing contamination of samples during collection; N-acetyl signals of acetaminophen are derived from common medication taken by patients.

El-Bacha *et al.*, Figure S4

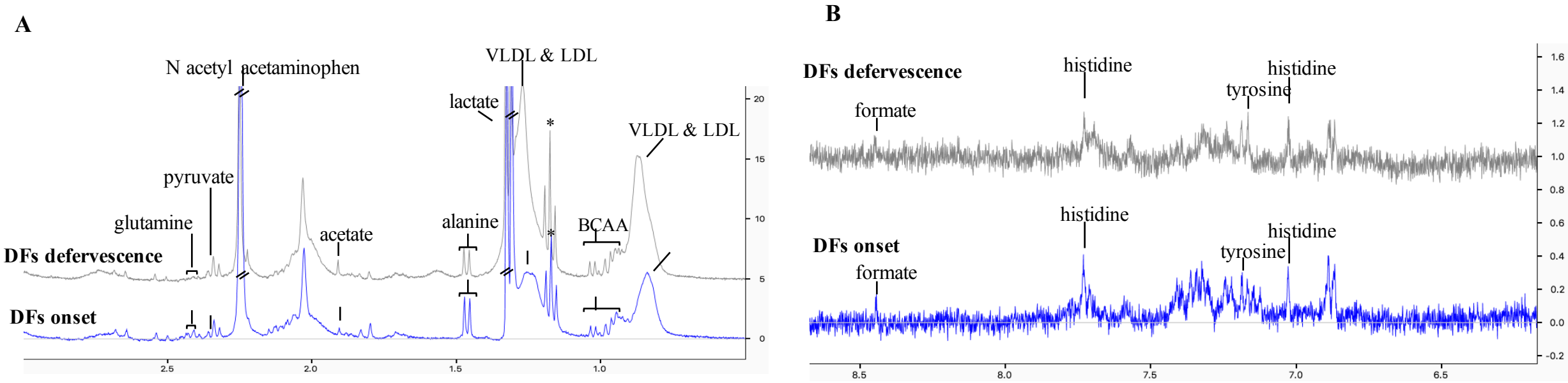

Figure S4. (A) Aliphatic region (δ^1H 0.5-3.0) and (B) aromatic region (δ^1H 6.0-8.5) of representative NMR plasma spectra acquired using the Carr-Purcell-Meiboom-Gill sequence from DFs infection samples. All representative samples at the onset of symptoms and at the defervescence phase of disease. DFs (dengue fever secondary infection) – Dark Blue; DFs defervescence – Light gray. *ethanol peaks from antiseptic swabbing contamination of samples during collection; N-acetyl signals of acetaminophen are derived from common medication taken by patients.

El-Bacha *et al.*, Figure S5

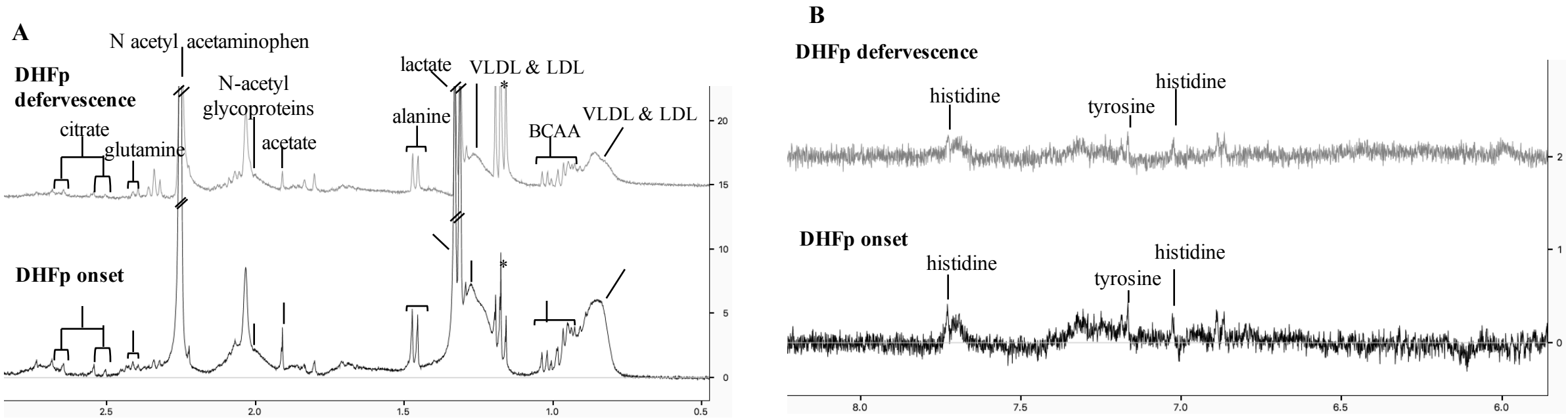

Figure S5. (A) Aliphatic region (δ^1H 0.5-3.0) and (B) aromatic region (δ^1H 6.0-8.5) of representative NMR plasma spectra acquired using the Carr-Purcell-Meiboom-Gill sequence from DHFp infection samples. All representative samples at the onset of symptoms and at the defervescence phase of disease. DHFp (dengue hemorraghic fever primary infection) – Black; DHFp defervescence – Light gray. *ethanol peaks from antiseptic swabbing contamination of samples during collection; N-acetyl signals of acetaminophen are derived from common medication taken by patients.

El-Bacha *et al.*, Figure S6

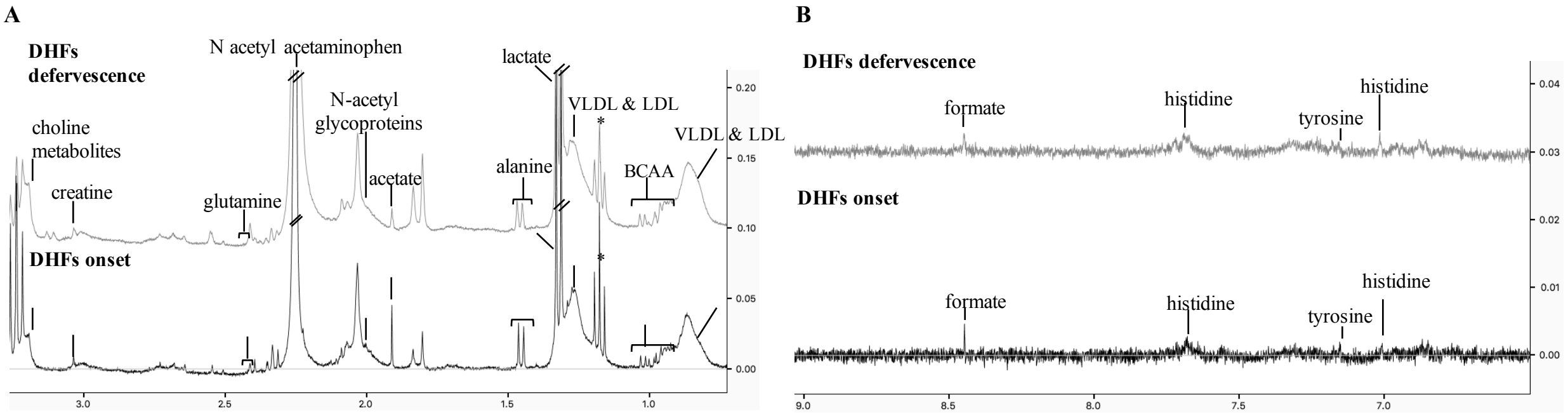

Figure S6. (A) Aliphatic region (δ^1H 0.5-3.0) and (B) aromatic region (δ^1H 6.5-9.0) of representative NMR plasma spectra acquired using the Carr-Purcell-Meiboom-Gill sequence from DHFs infection samples. All representative samples at the onset of symptoms and at the defervescence phase of disease. DHFs (dengue hemorraghic fever primary infection) – Black; DHFs defervescence – Light gray. *ethanol peaks from antiseptic swabbing contamination of samples during collection; N-acetyl signals of acetaminophen are derived from common medication taken by patients.