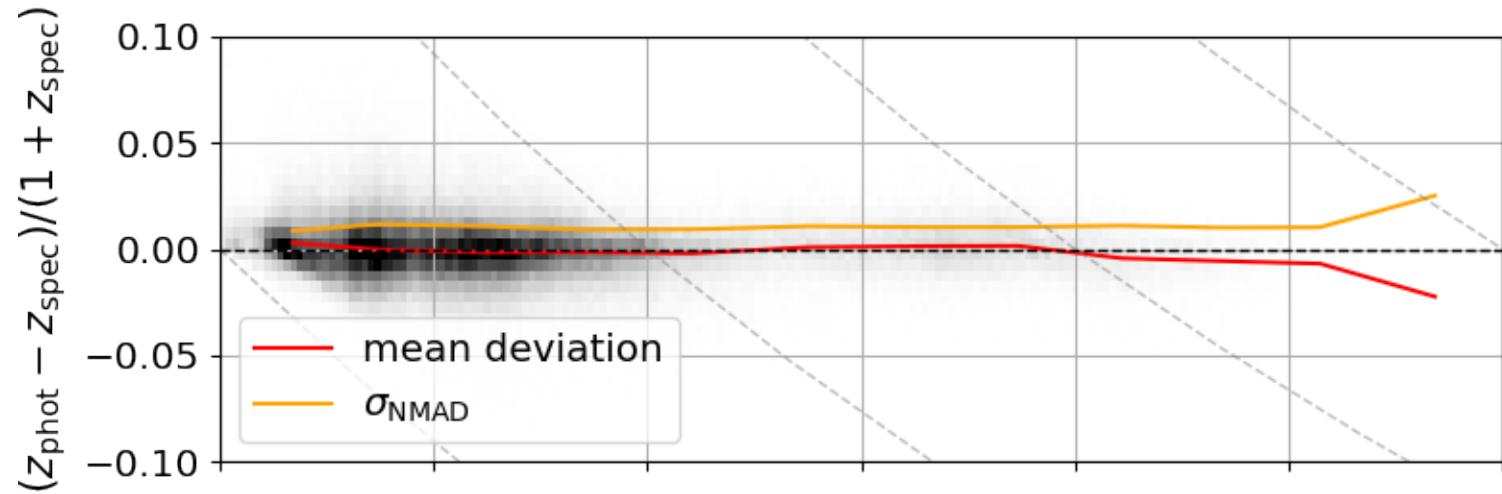
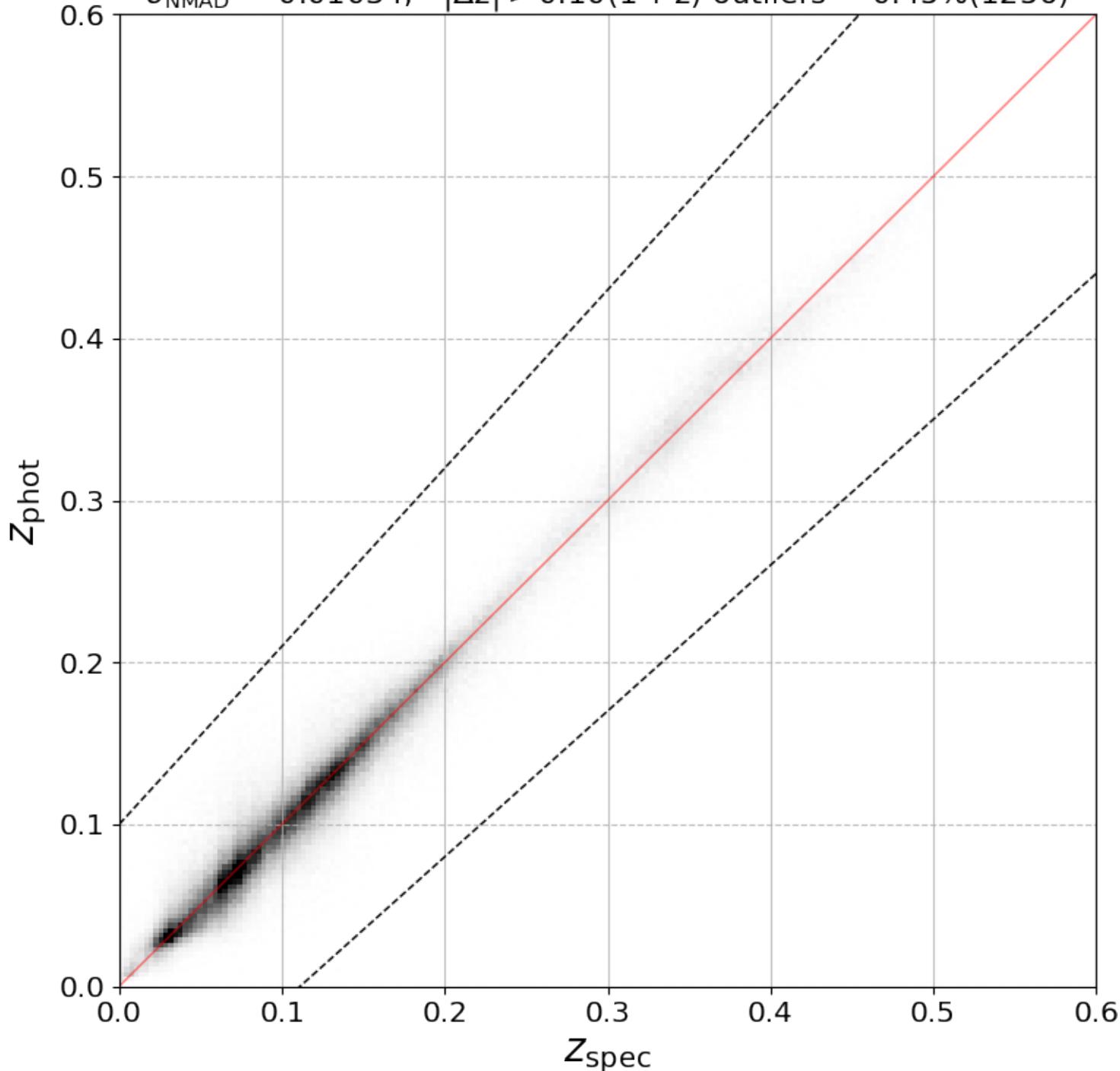


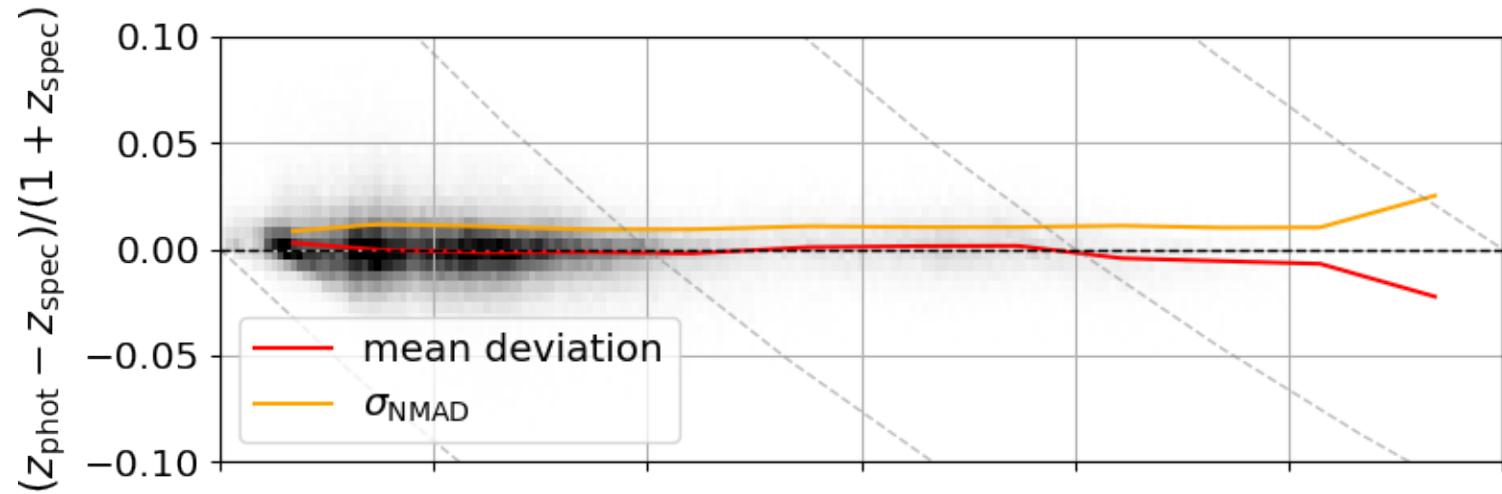
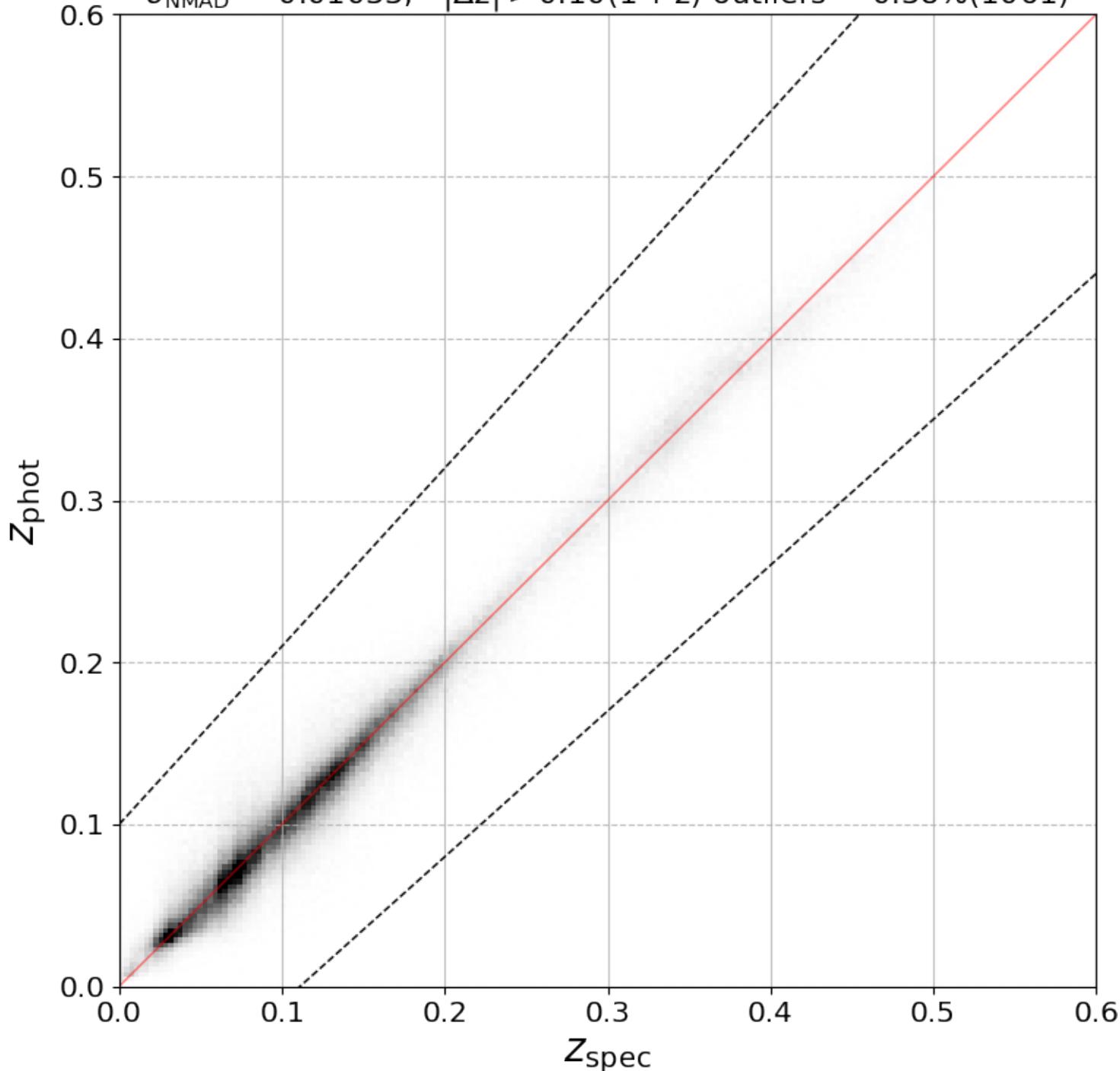
SDSS (LS north, 276299 objects)

$\sigma_{\text{NMAD}} = 0.01034$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 0.45% (1256)



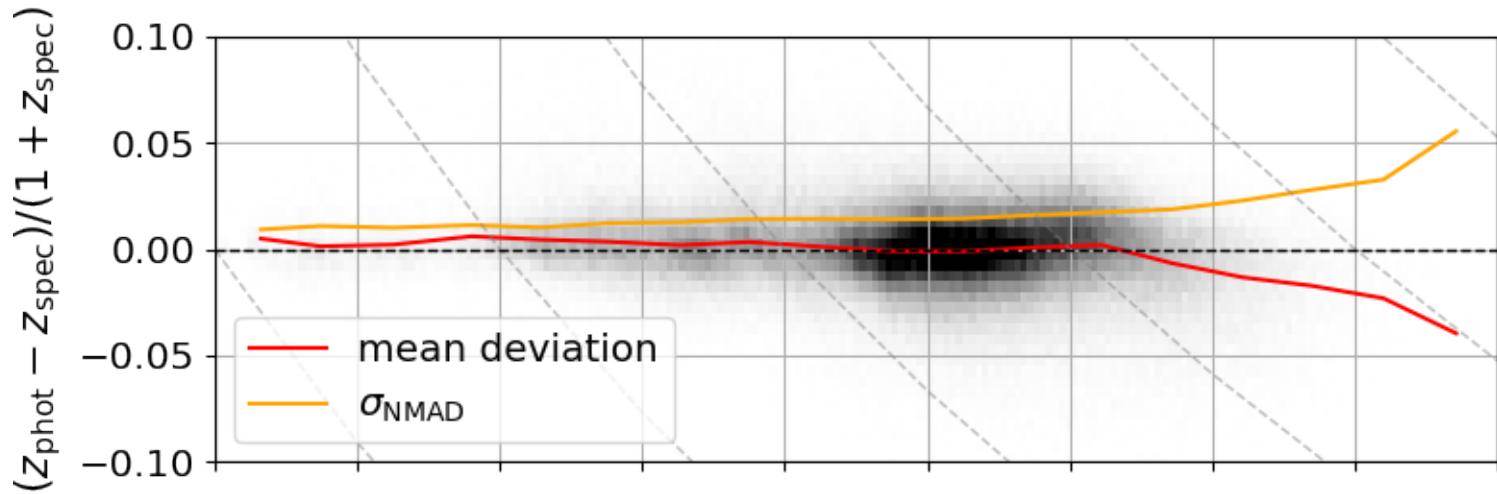
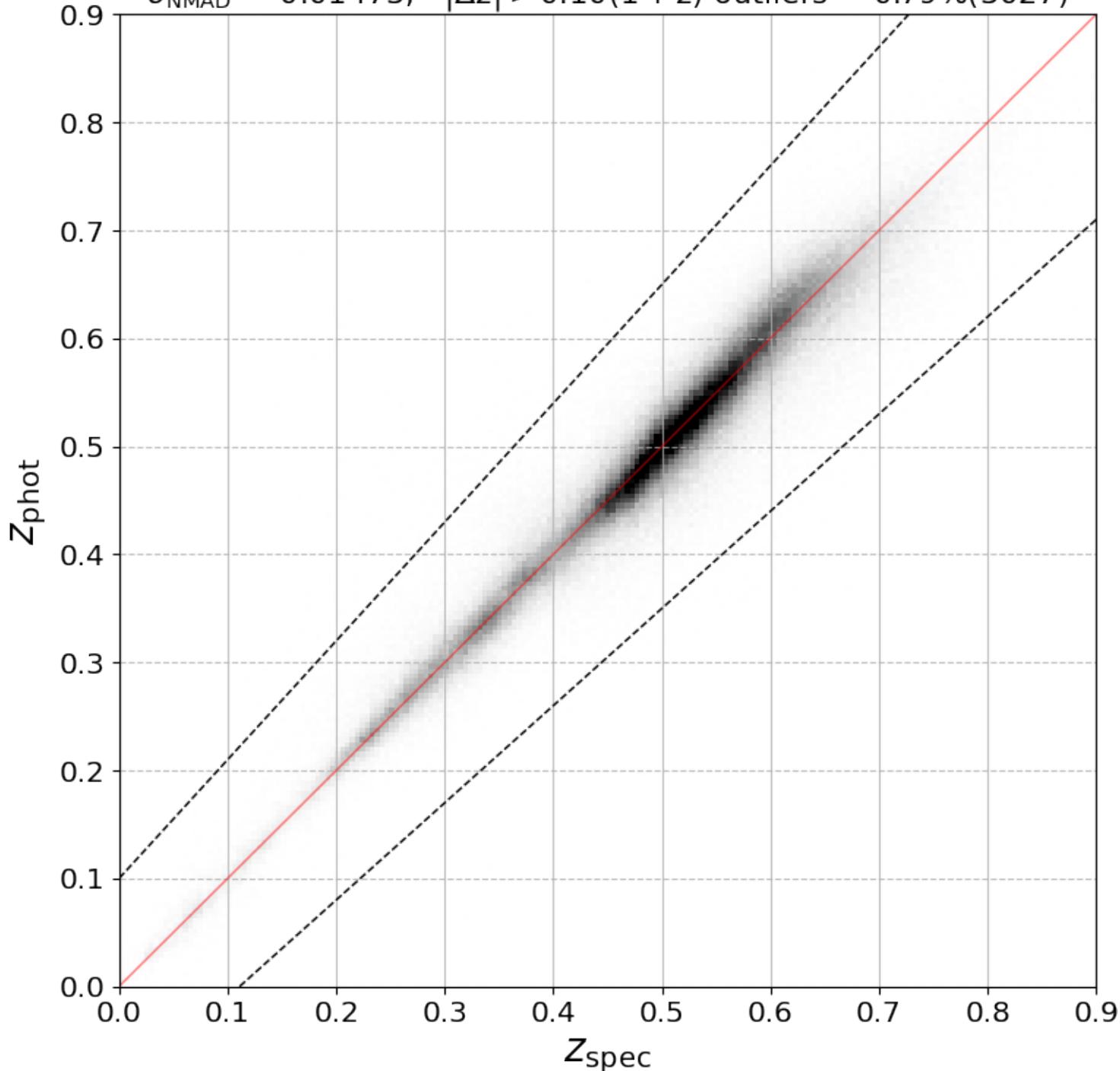
SDSS  $z\text{mag} < 21$  (LS north, 275996 objects)

$\sigma_{\text{NMAD}} = 0.01033$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 0.38%(1061)



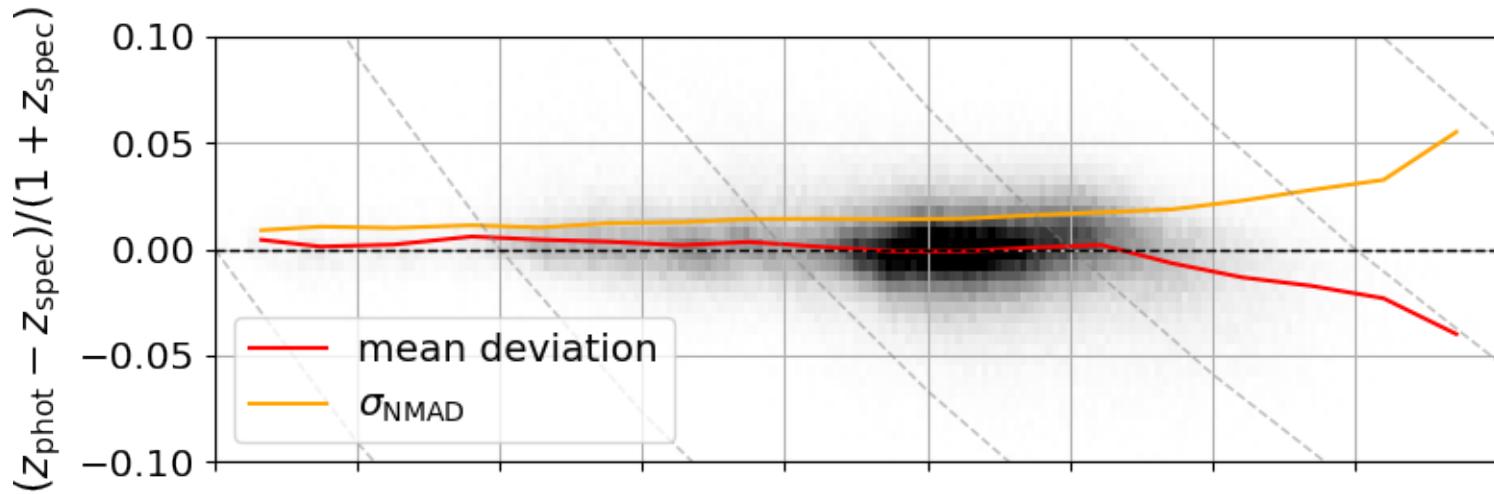
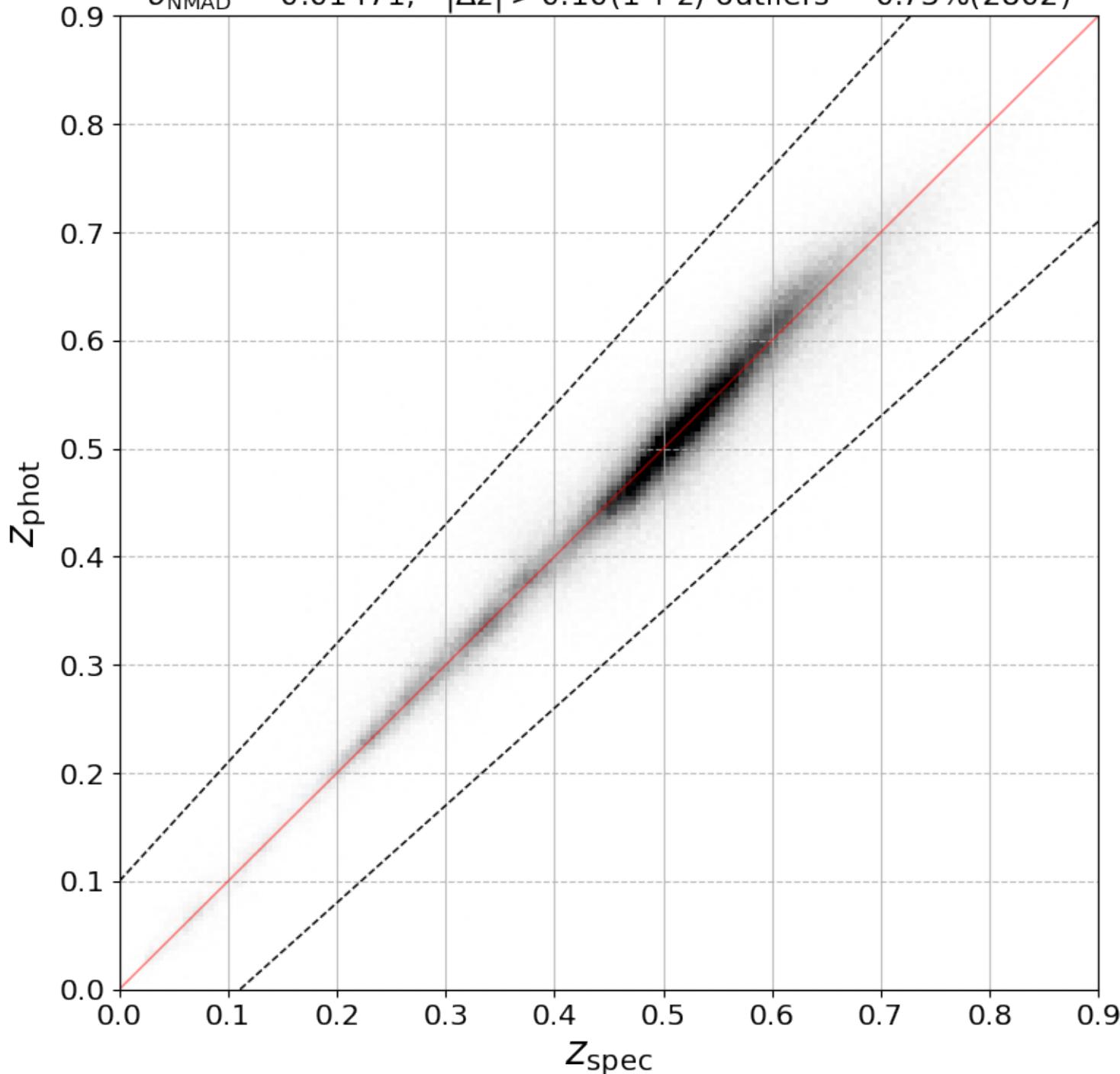
# BOSS (LS north, 383179 objects)

$\sigma_{\text{NMAD}} = 0.01473$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 0.79% (3027)



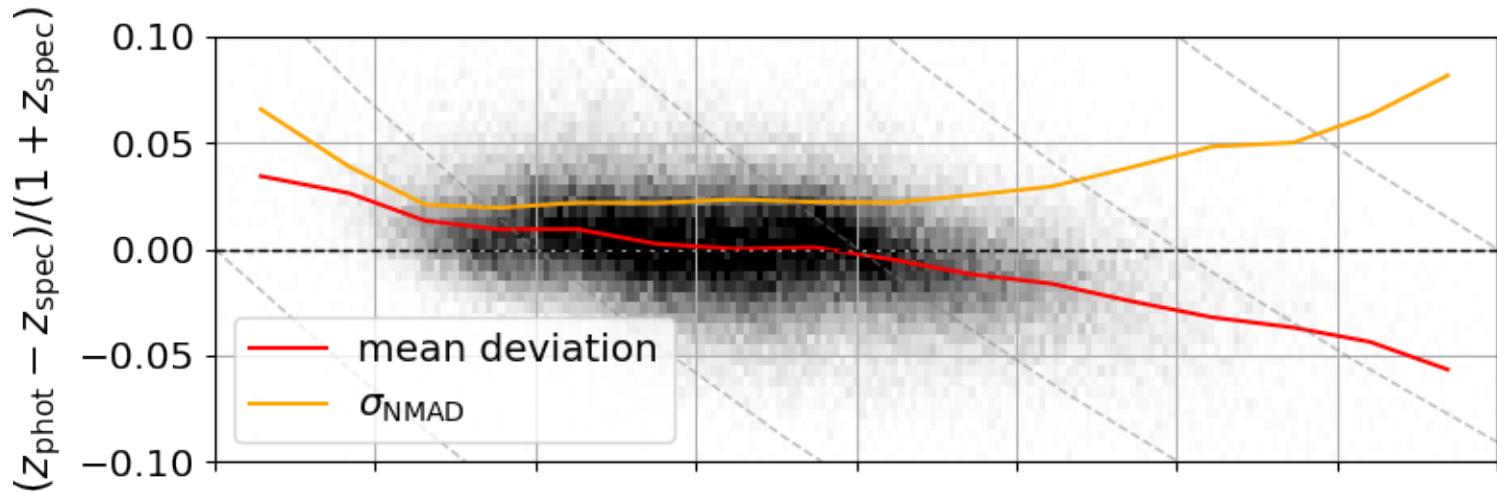
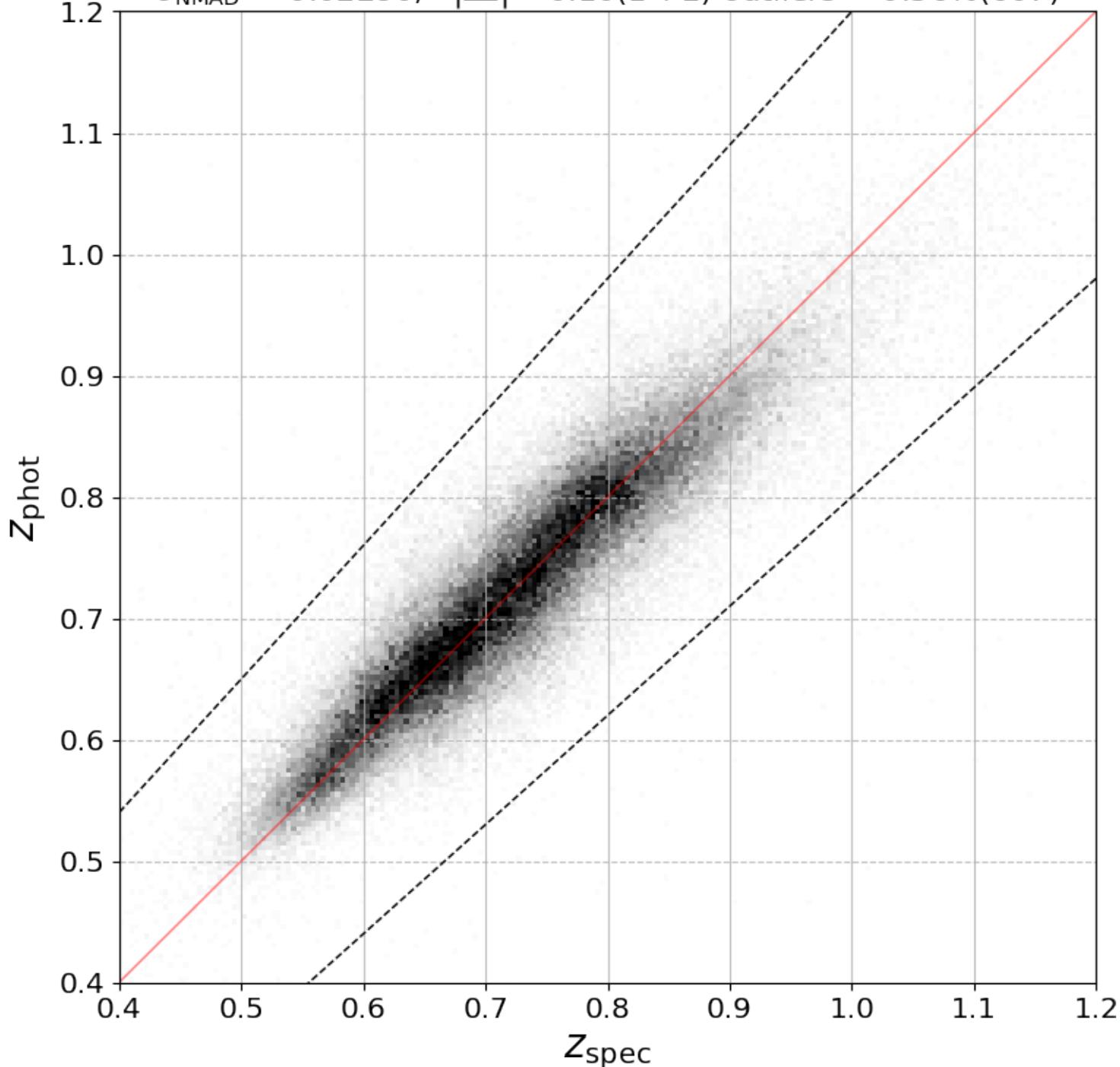
BOSS  $z\text{mag} < 21$  (LS north, 382764 objects)

$\sigma_{\text{NMAD}} = 0.01471$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 0.73% (2802)



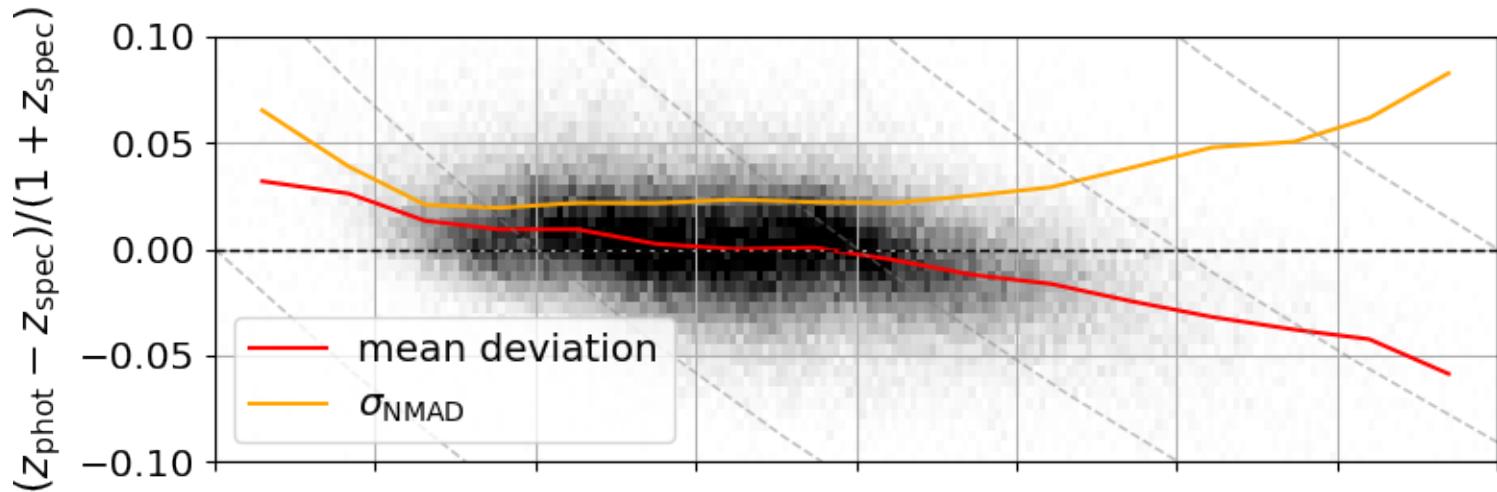
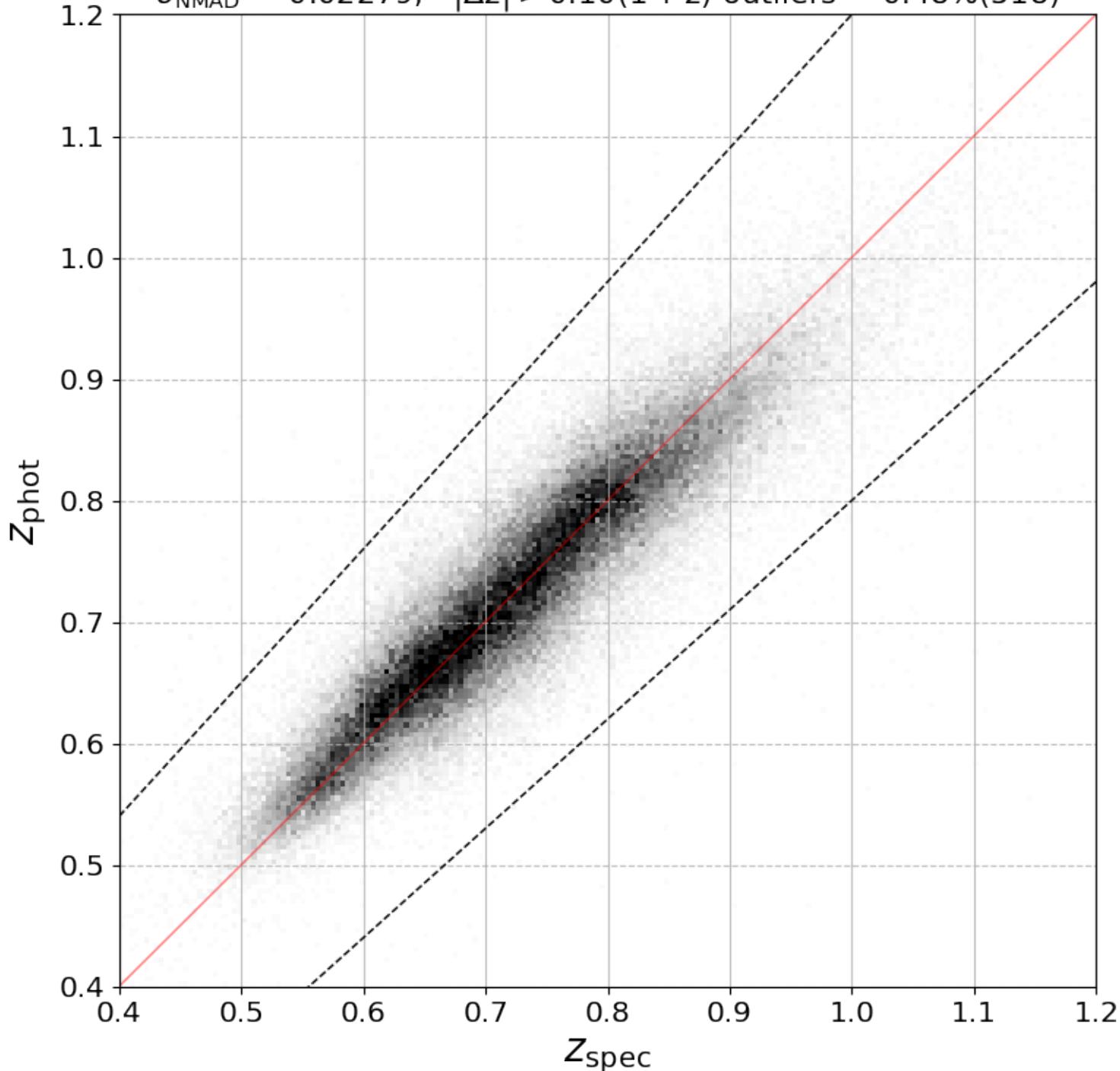
eBOSS-LRG (LS north, 109072 objects)

$\sigma_{\text{NMAD}} = 0.02290$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 0.56% (607)



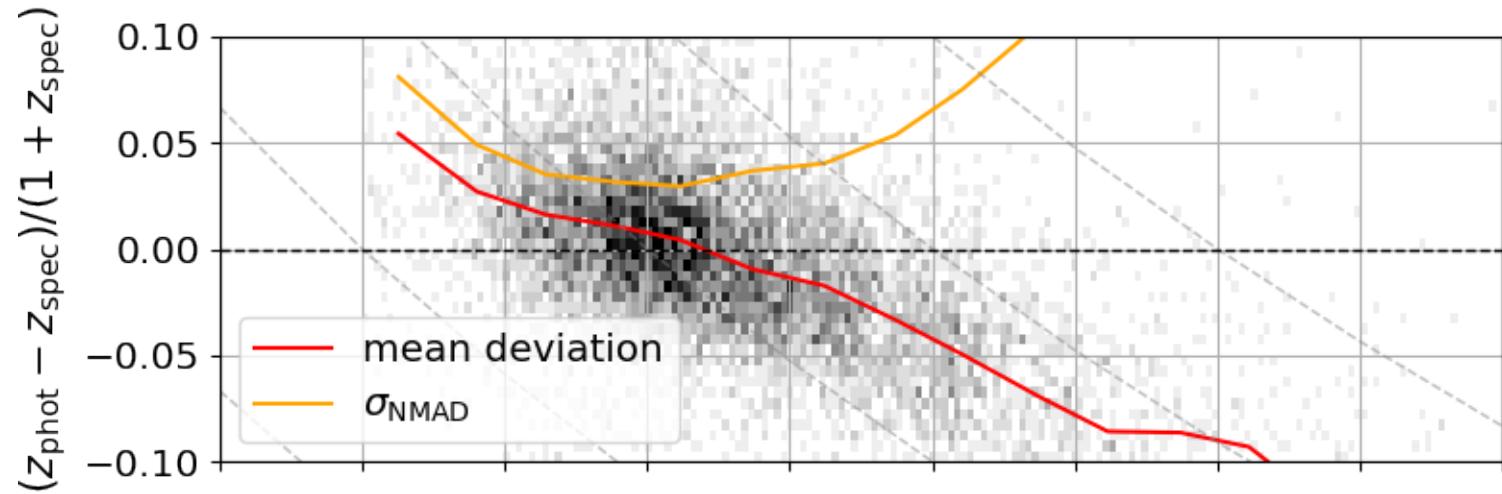
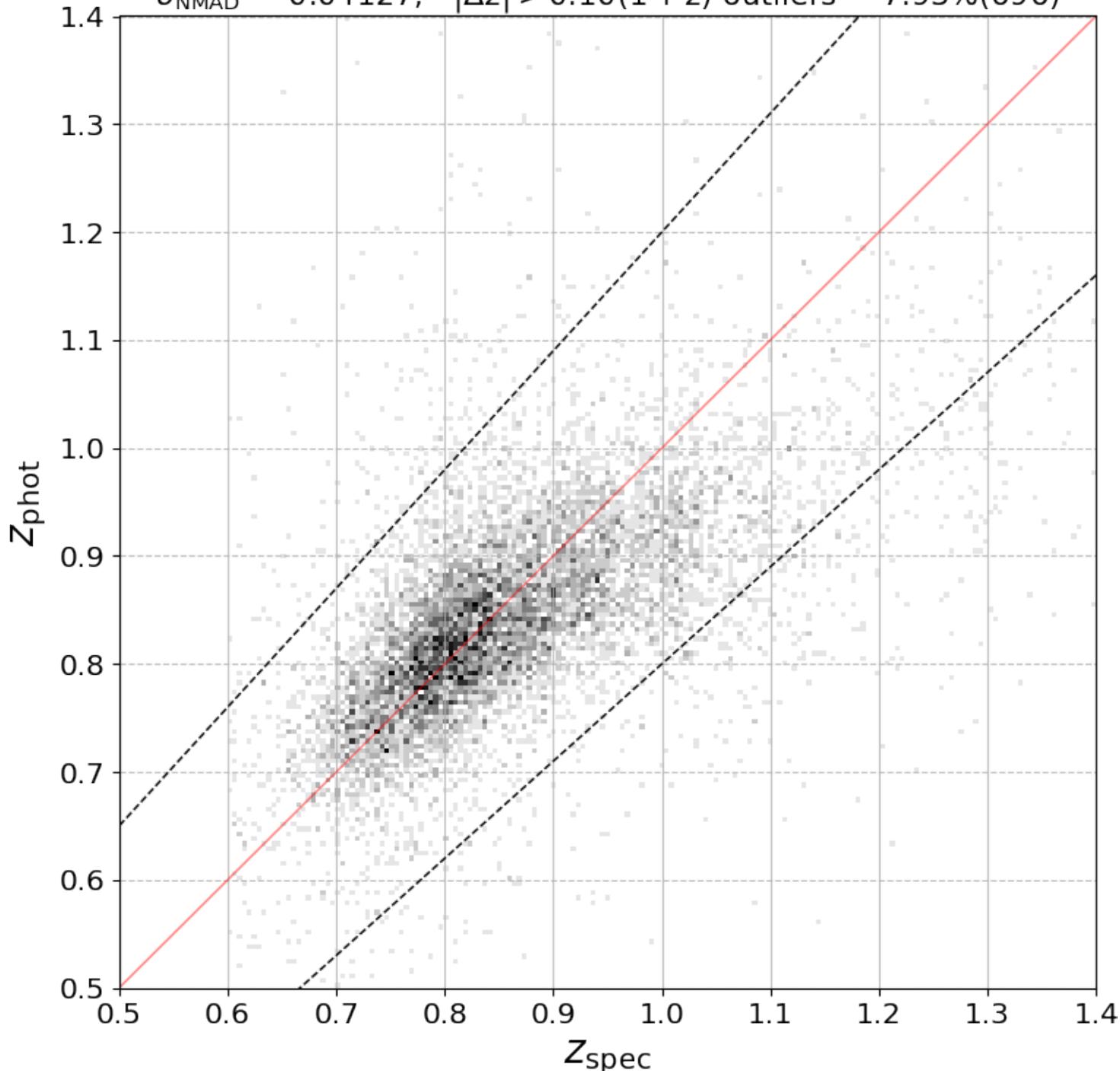
eBOSS-LRG zmag<21 (LS north, 108135 objects)

$\sigma_{\text{NMAD}} = 0.02279$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 0.48%(518)



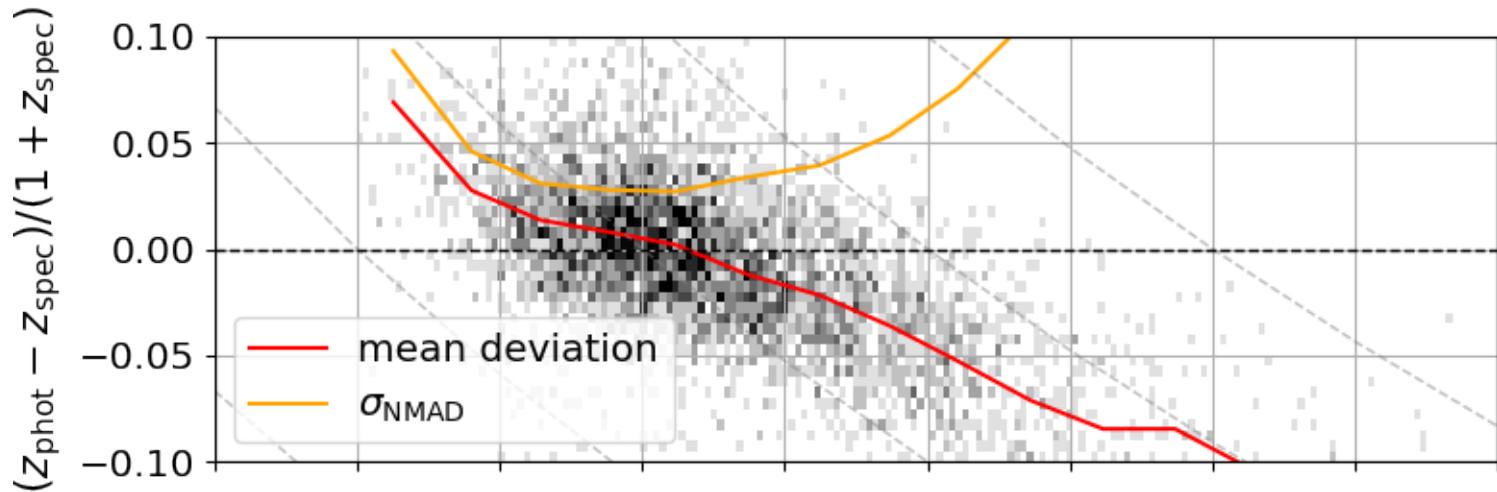
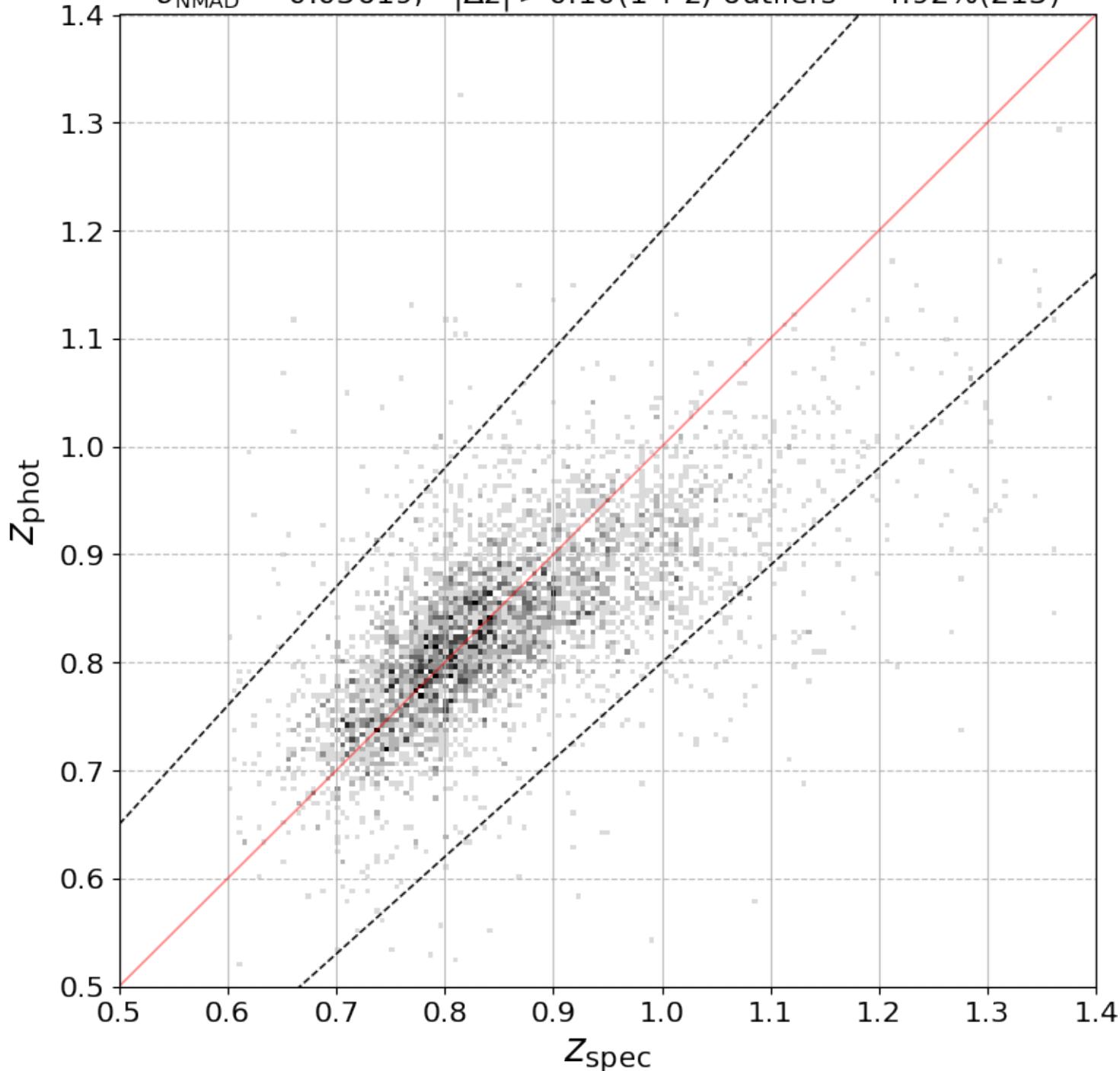
eBOSS-ELG (LS north, 8780 objects)

$\sigma_{\text{NMAD}} = 0.04127$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 7.93% (696)



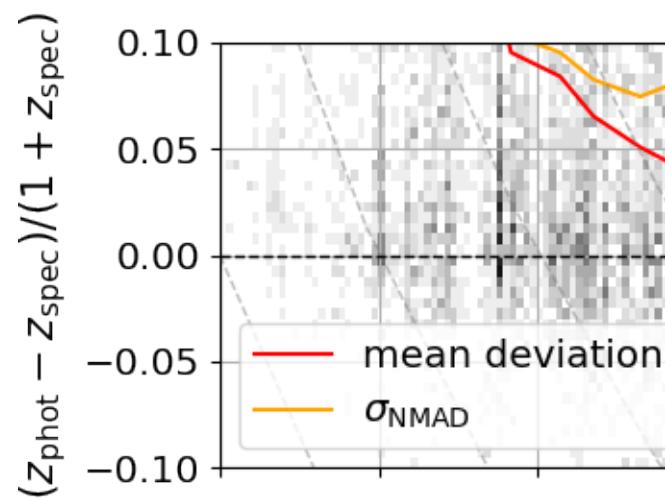
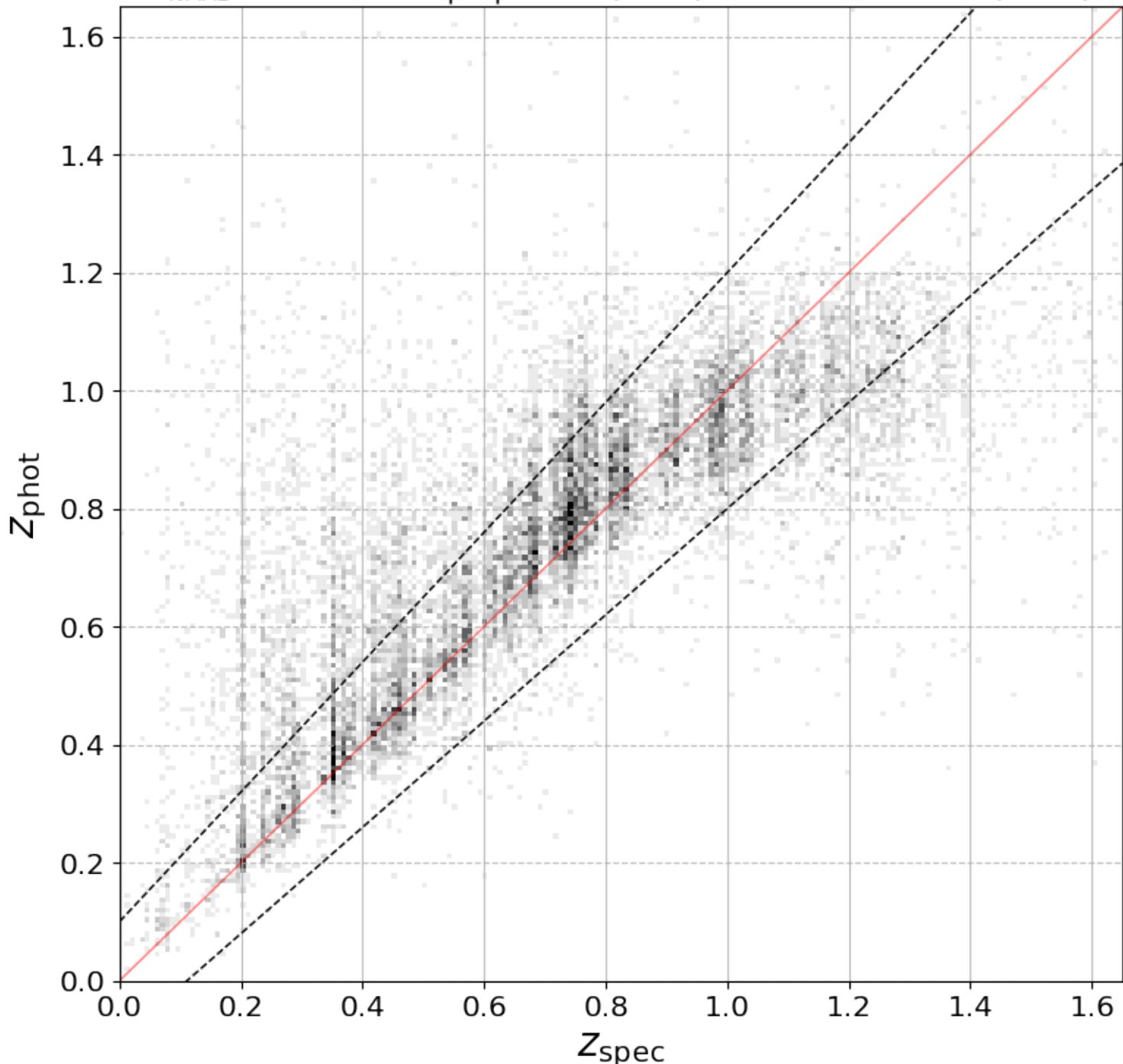
eBOSS-ELG  $z_{\text{mag}} < 21$  (LS north, 4333 objects)

$\sigma_{\text{NMAD}} = 0.03619$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 4.92% (213)



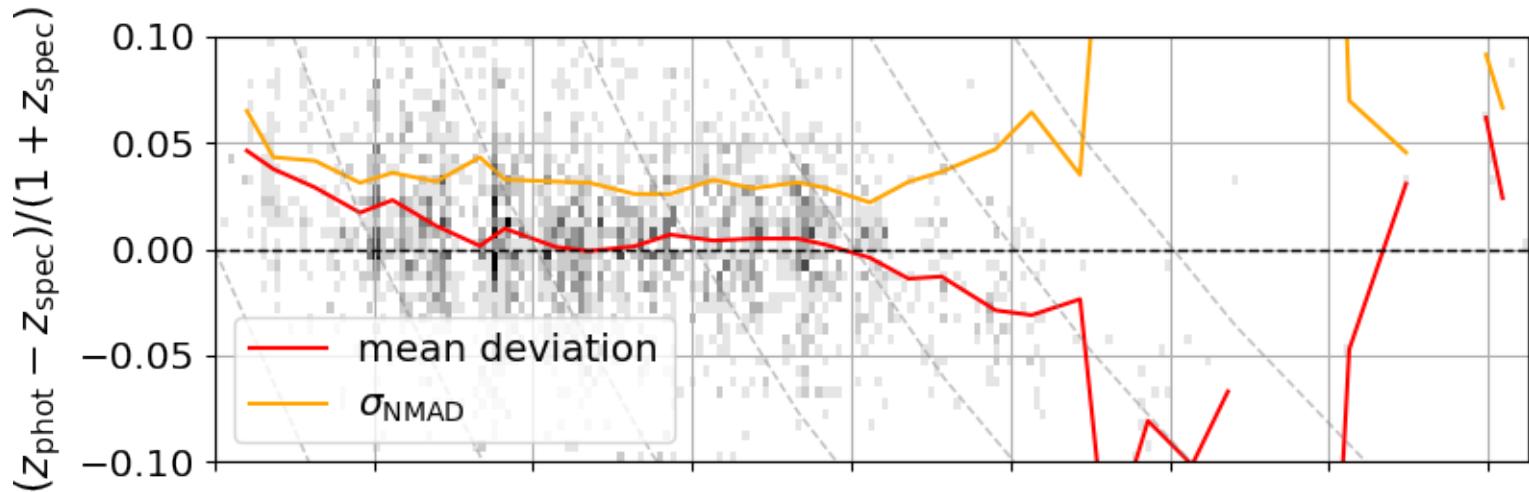
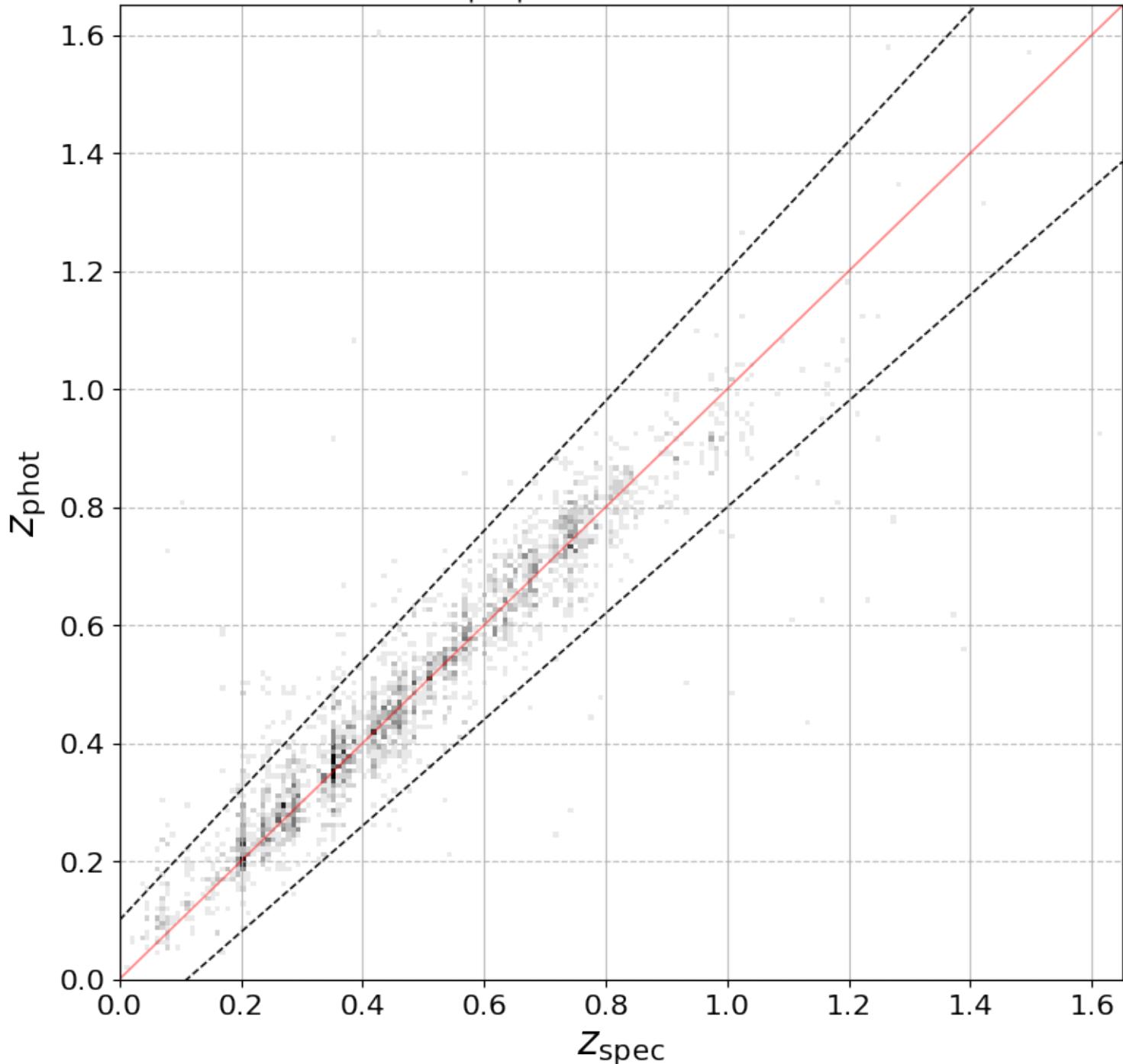
# DEEP2+3 Field 1 (LS north, 13480 objects)

$\sigma_{\text{NMAD}} = 0.08582$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 32.17% (4336)



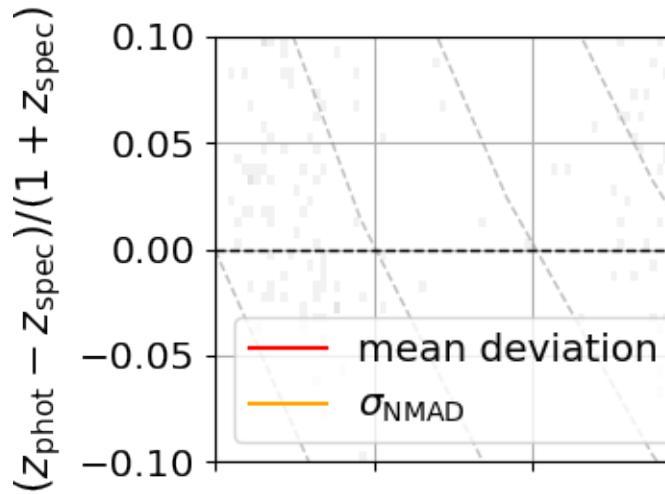
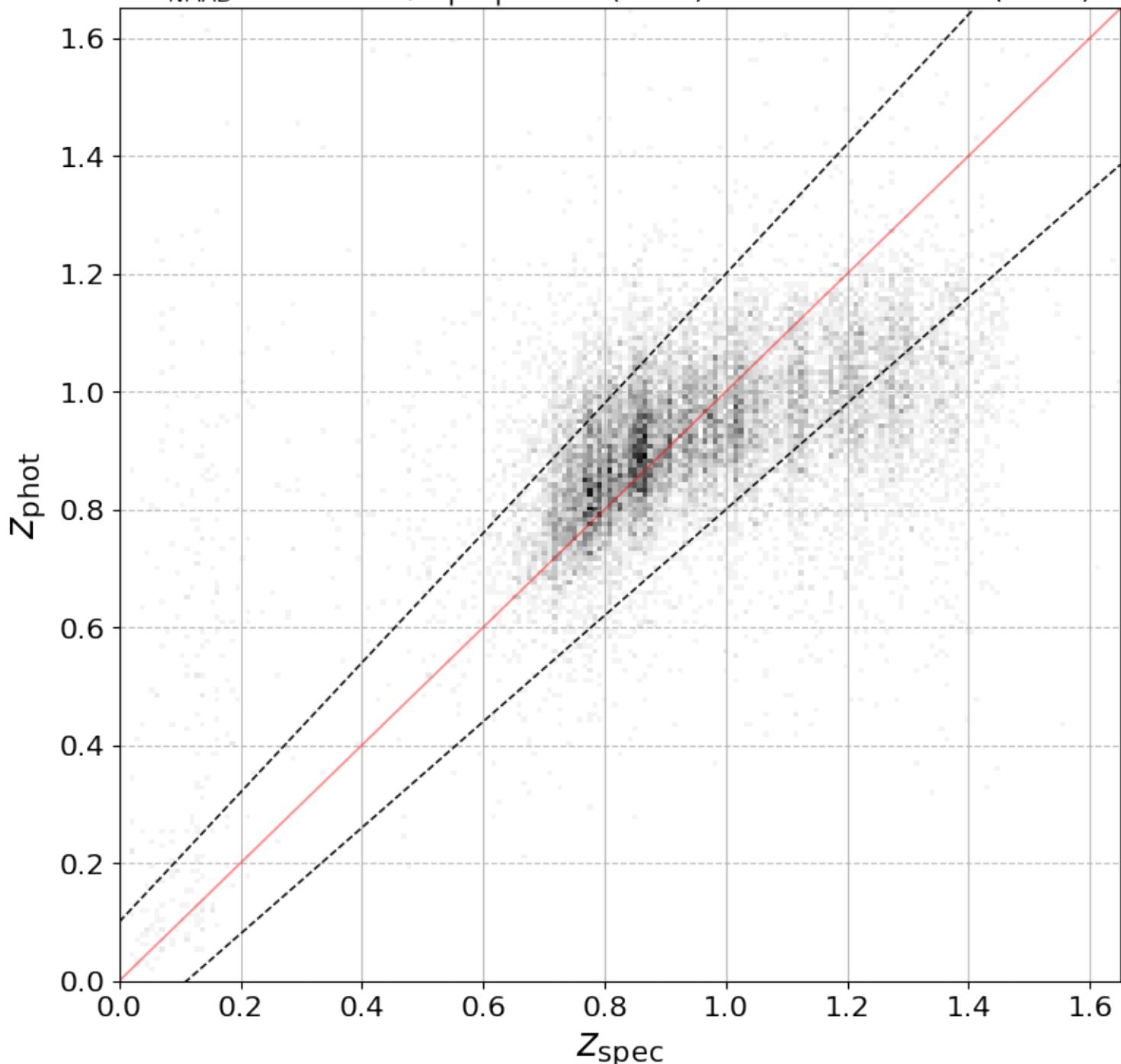
DEEP2+3 Field 1 zmag<21 (LS north, 2563 objects)

$\sigma_{\text{NMAD}} = 0.03237$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 4.96%(127)

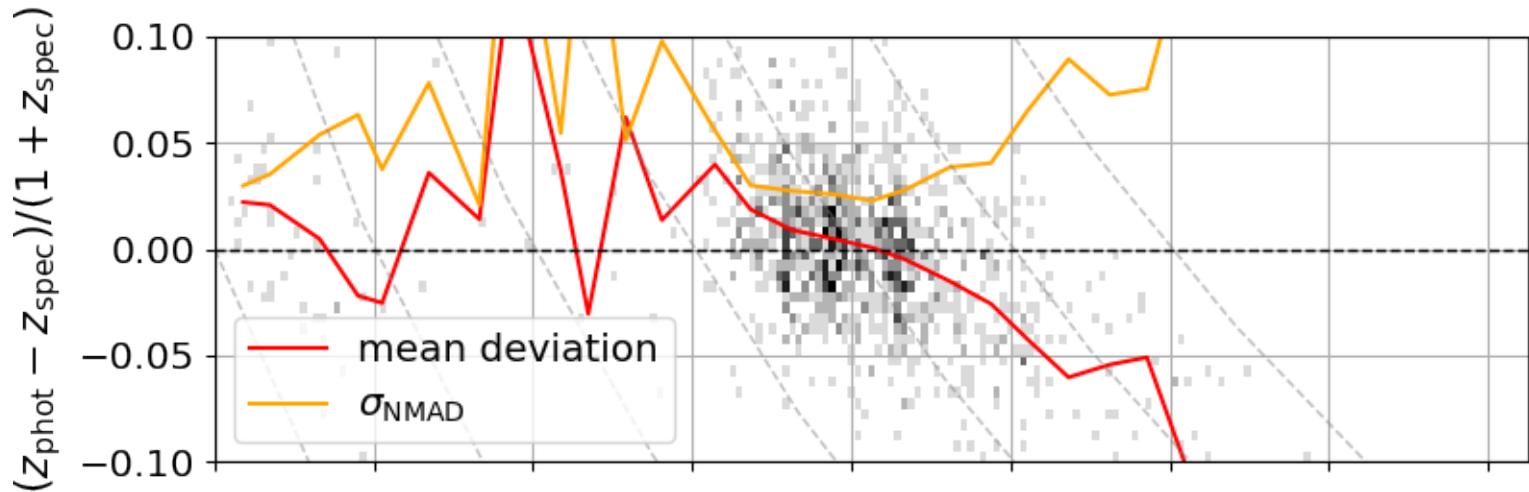
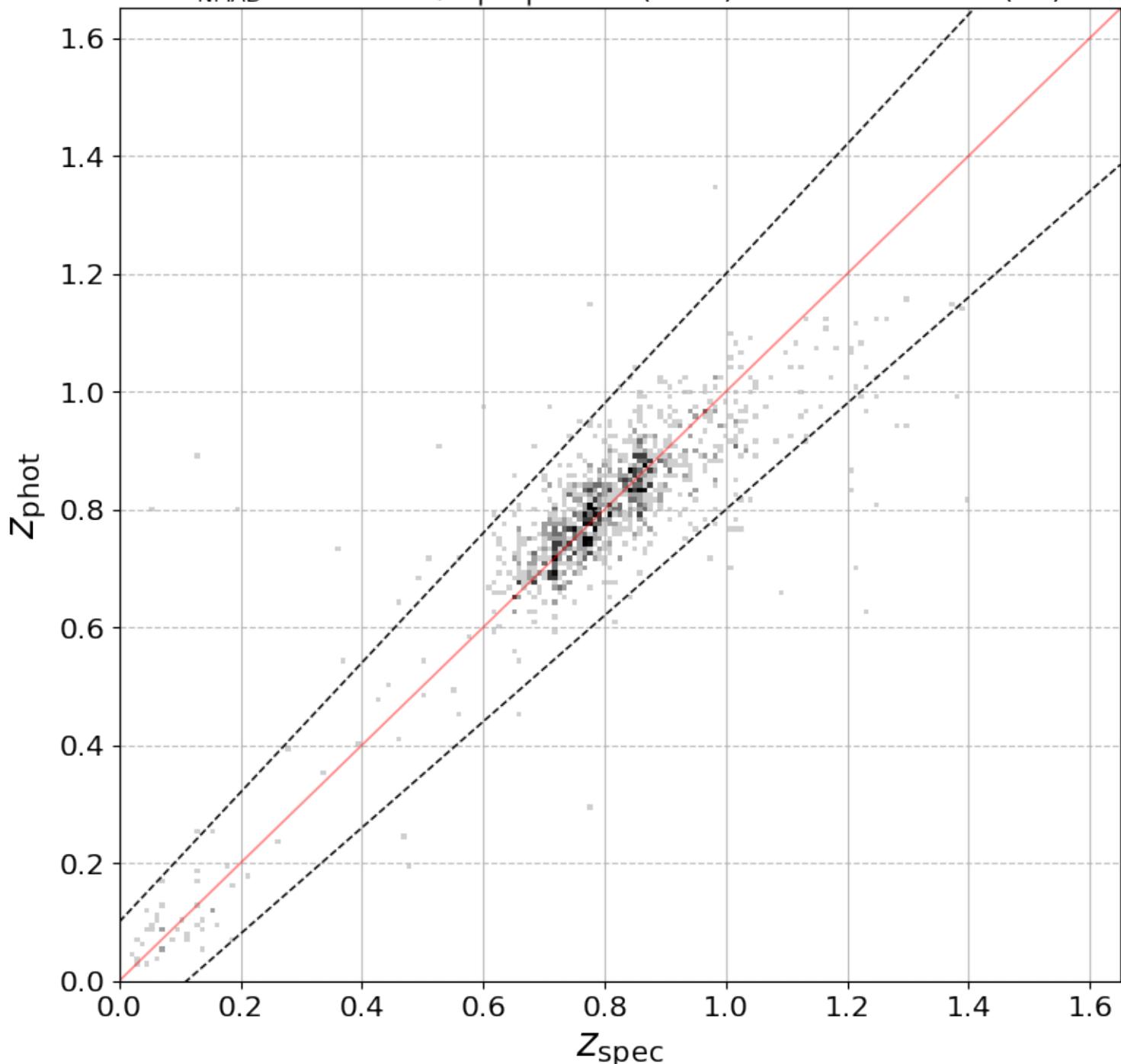


DEEP2 Fields 2,3,4 (LS north, 14835 objects)

$\sigma_{\text{NMAD}} = 0.07927$ ;  $|\Delta z| > 0.10(1+z)$  outliers = 25.51%(3784)

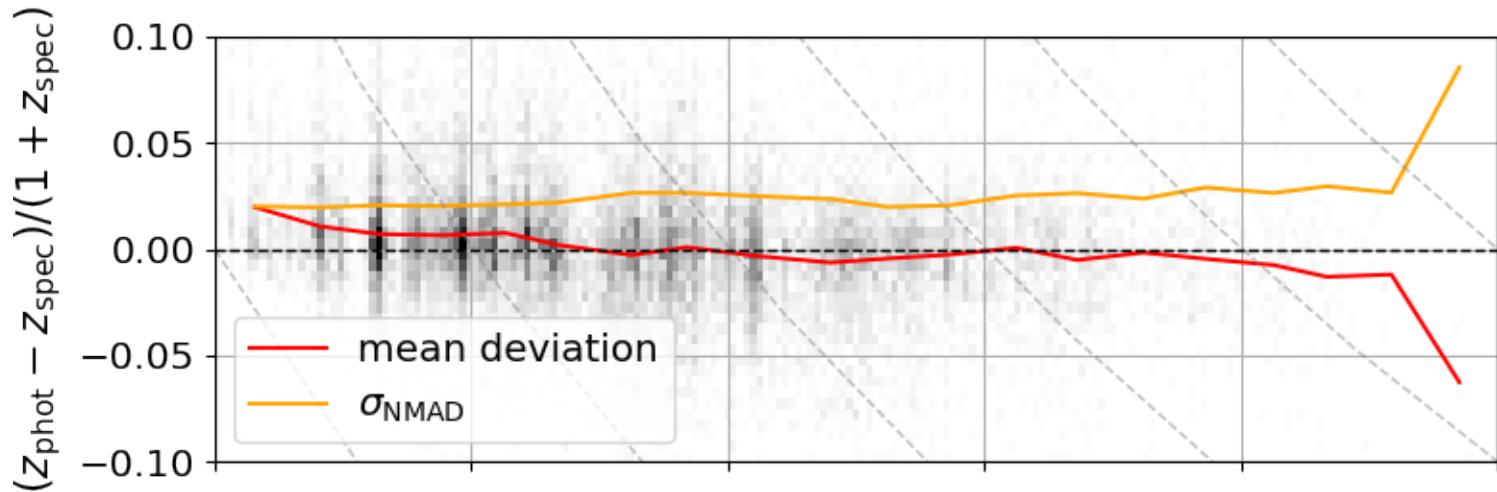
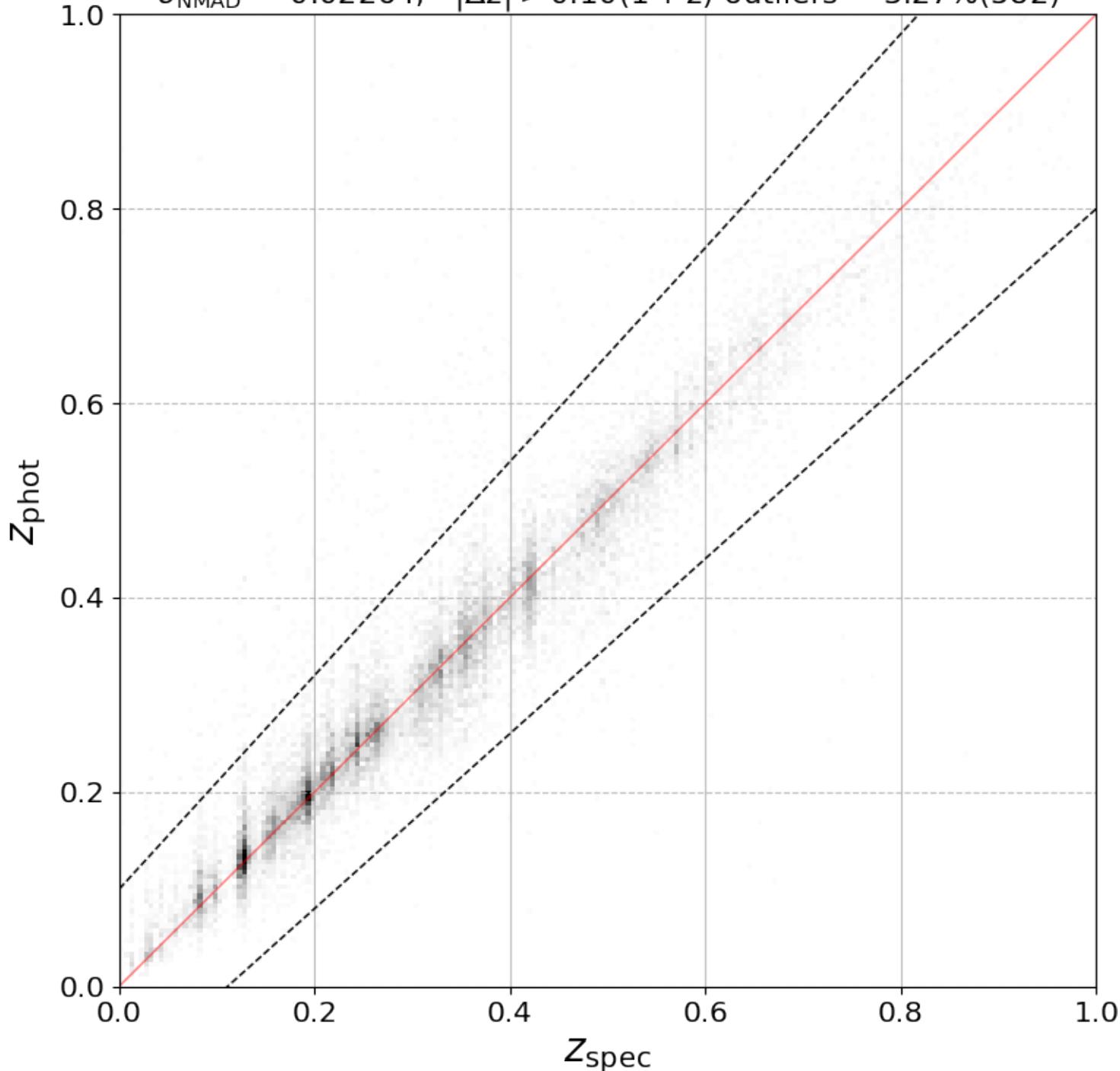


DEEP2 Fields 2,3,4 zmag<21 (LS north, 1202 objects)  
 $\sigma_{\text{NMAD}} = 0.03154$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 4.83%(58)

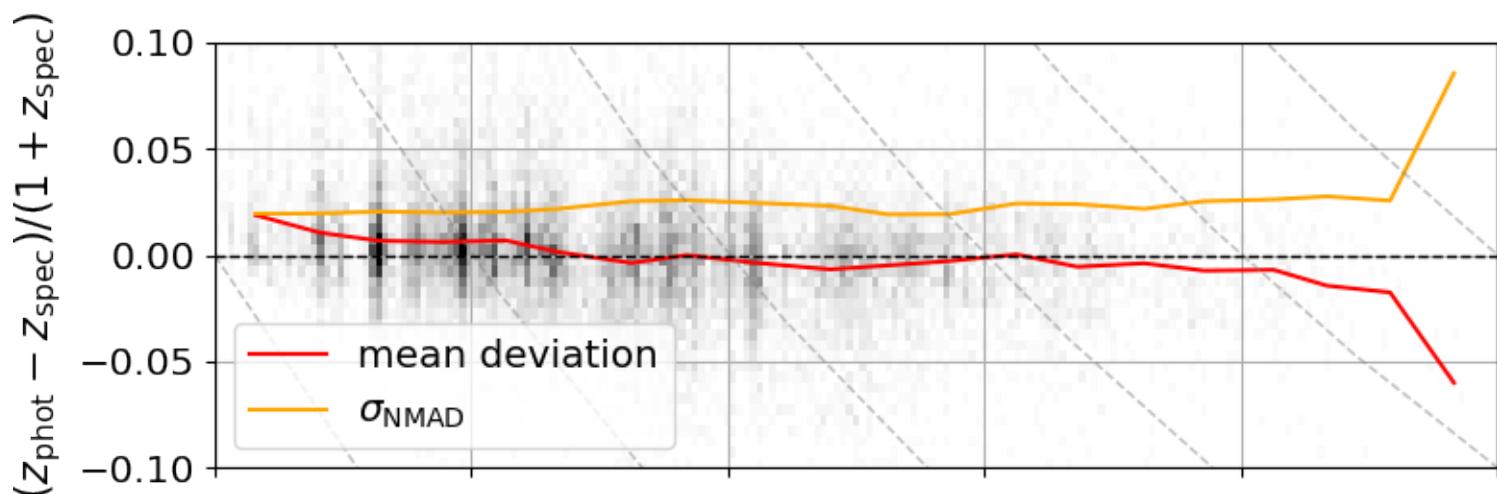
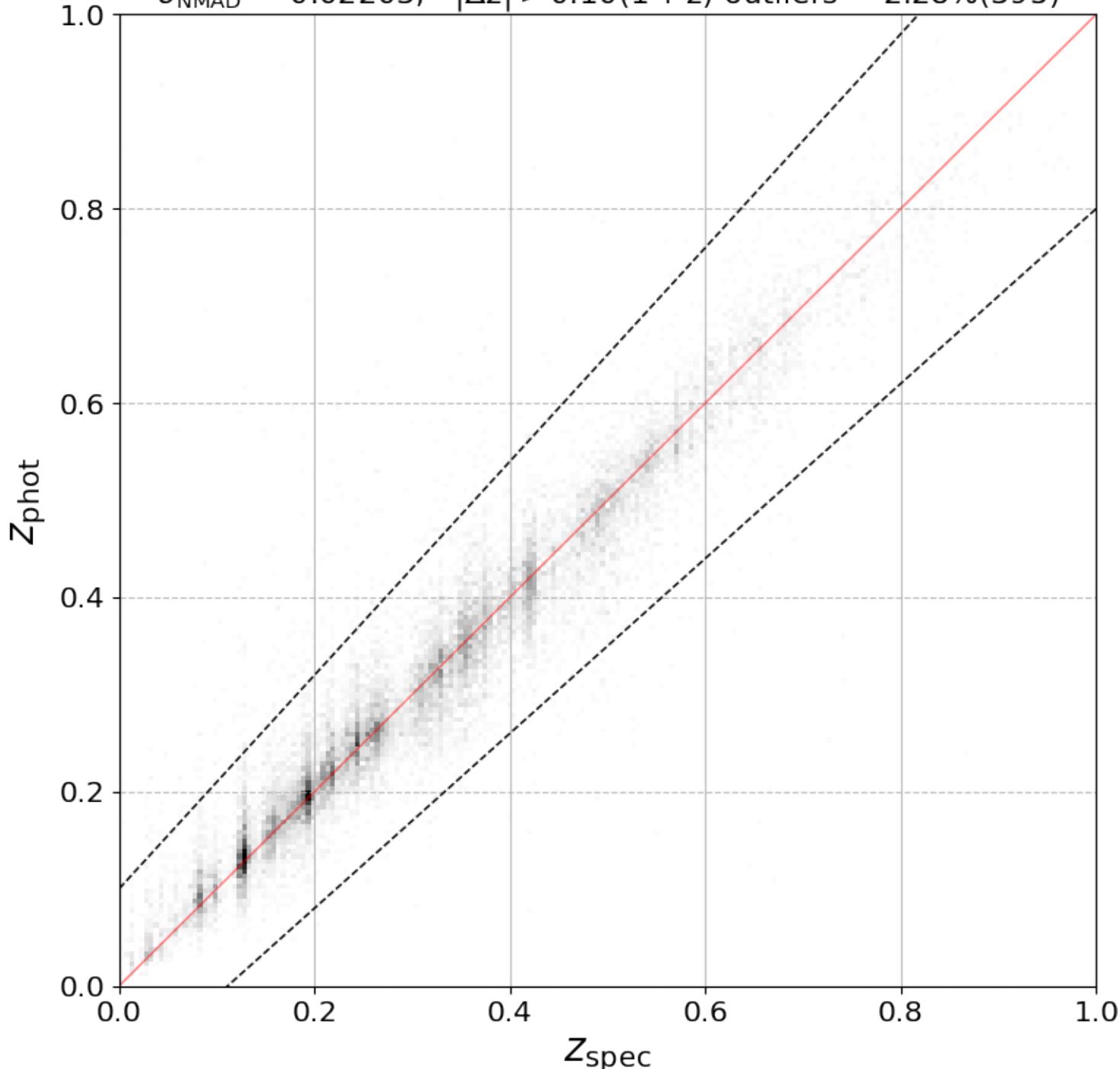


AGES (LS north, 17816 objects)

$\sigma_{\text{NMAD}} = 0.02264$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 3.27% (582)

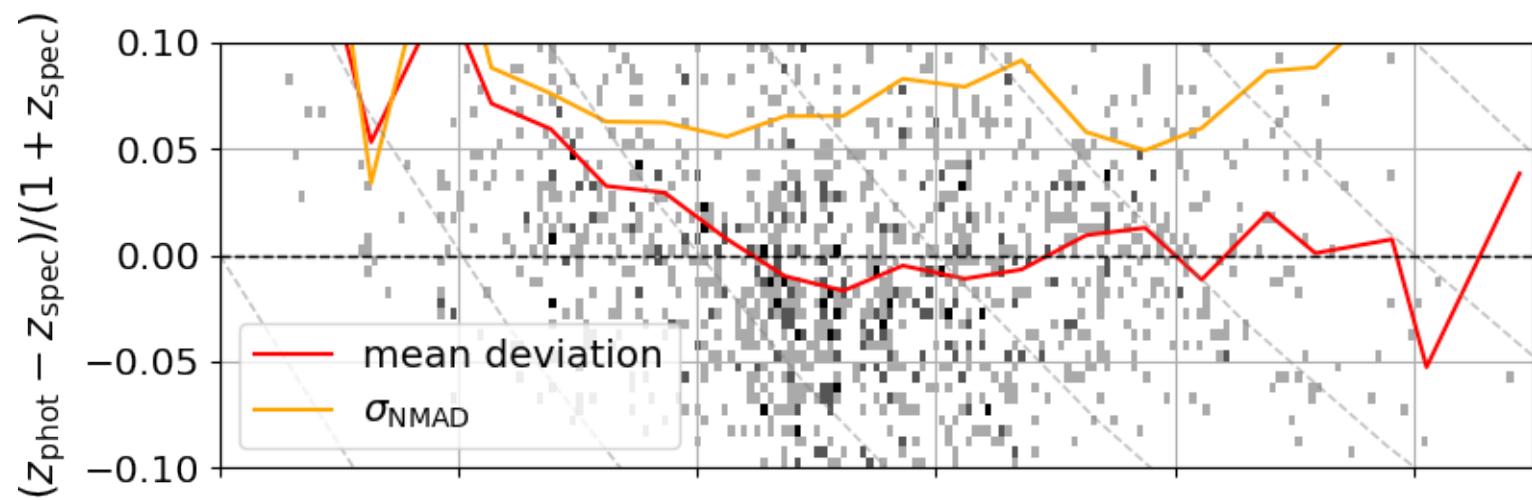
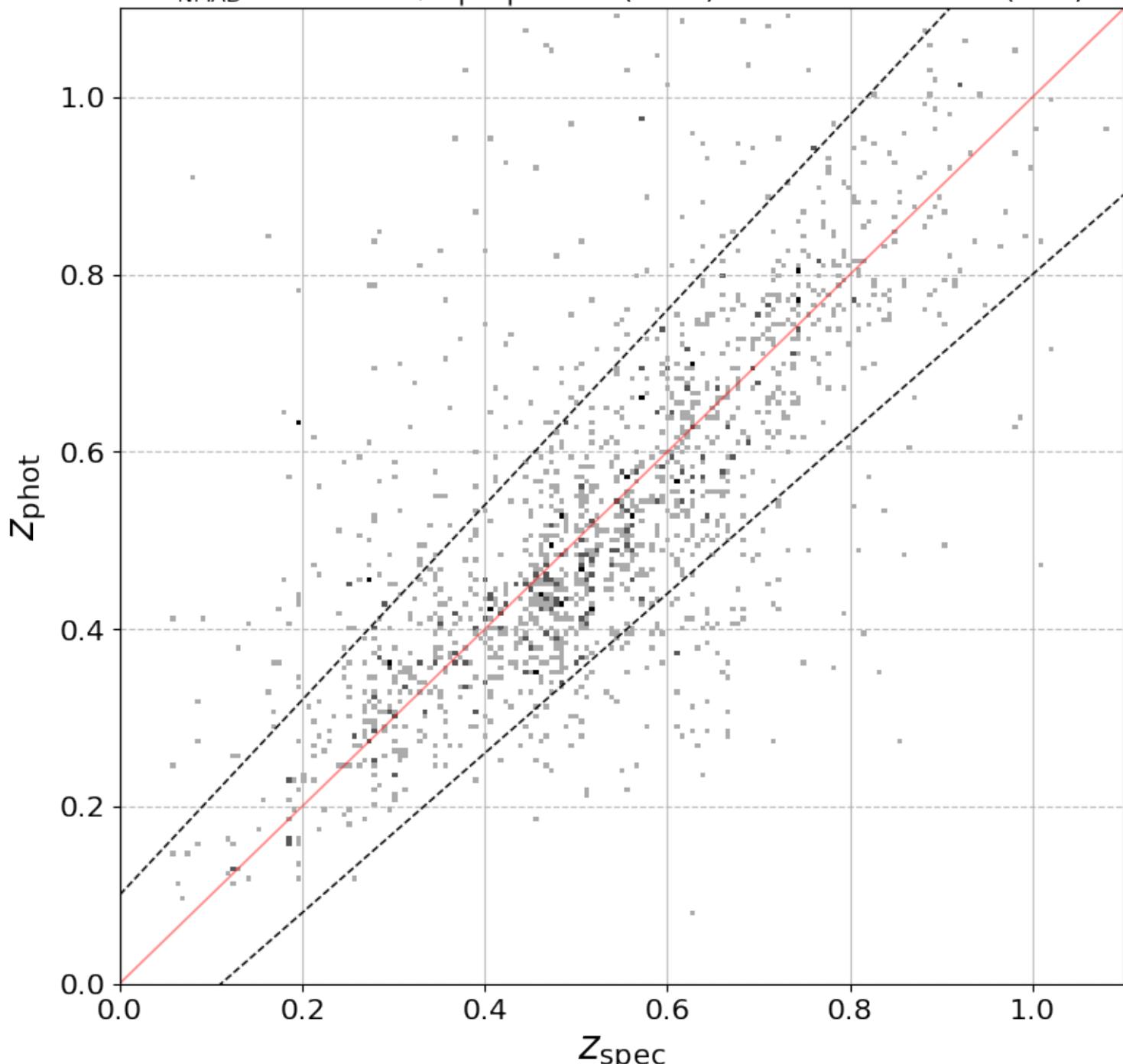


## AGES zmag&lt;21 (LS north, 17357 objects)

 $\sigma_{\text{NMAD}} = 0.02203$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 2.28% (395)

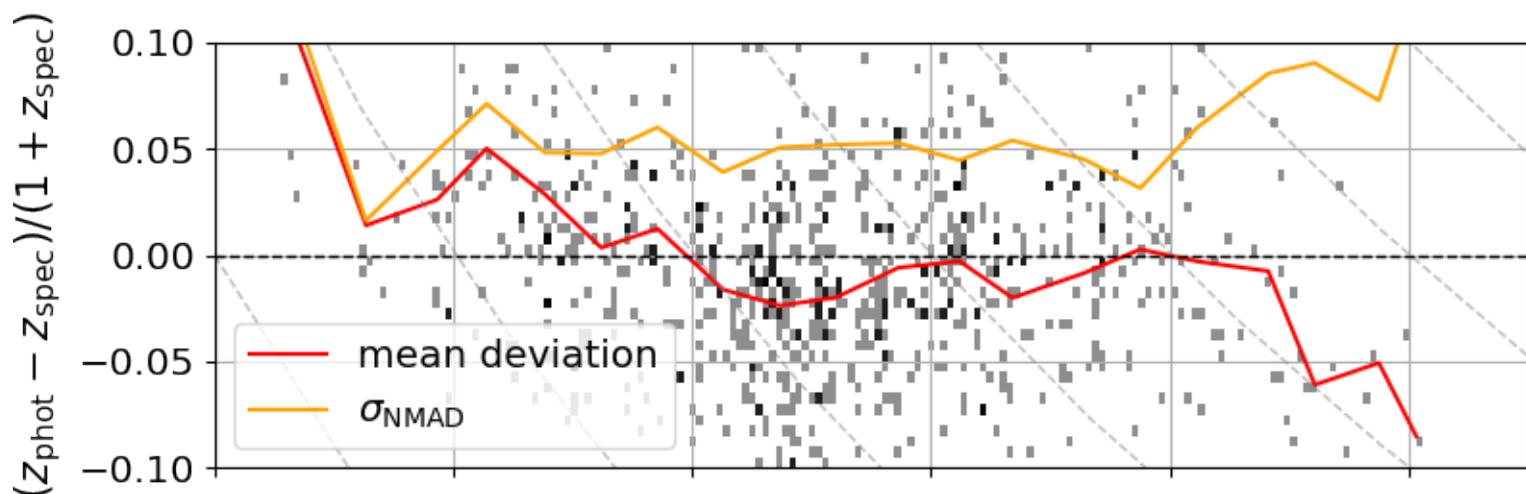
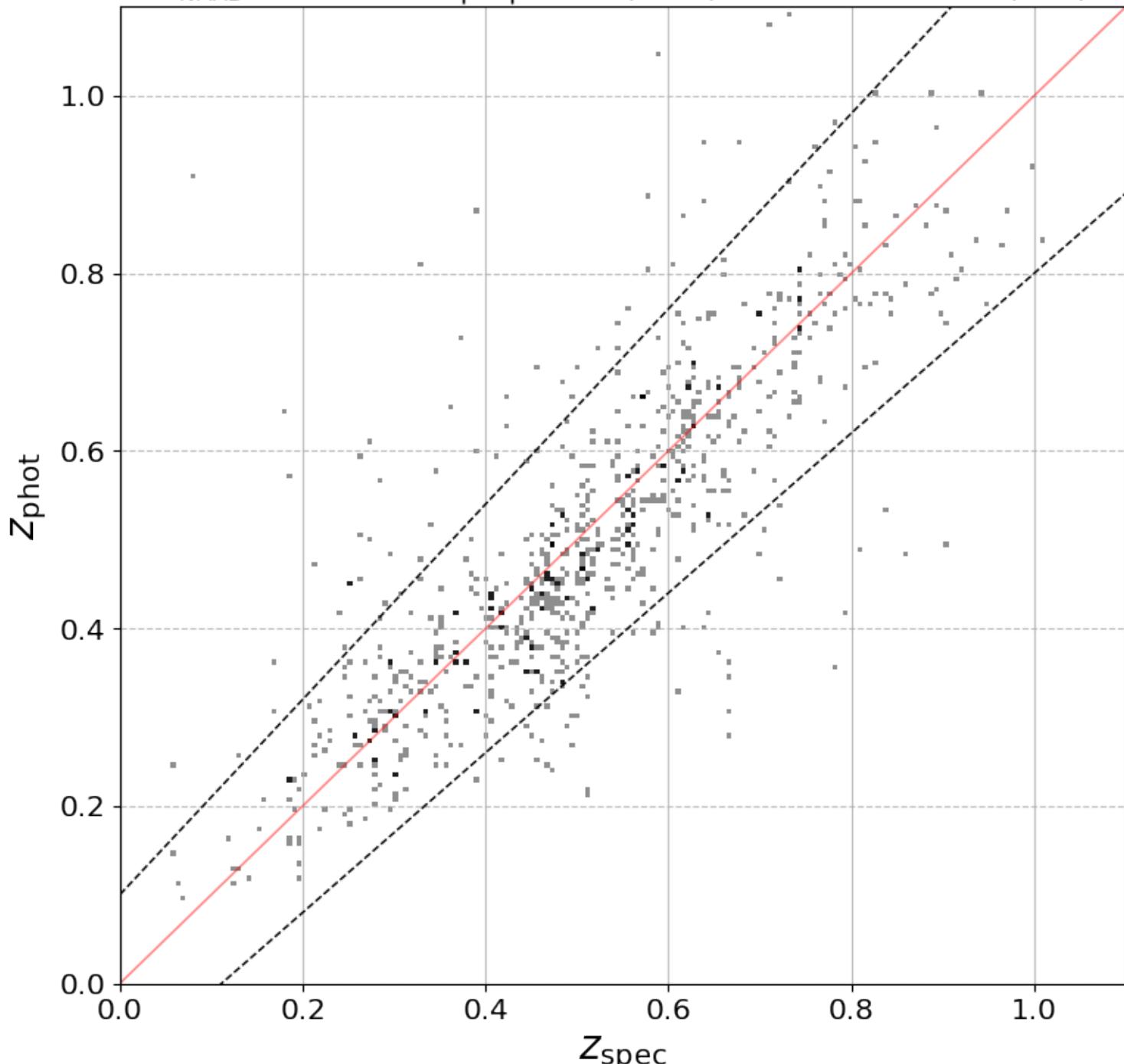
# WiggleZ (LS north, 1629 objects)

$\sigma_{\text{NMAD}} = 0.07110$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 24.37%(397)



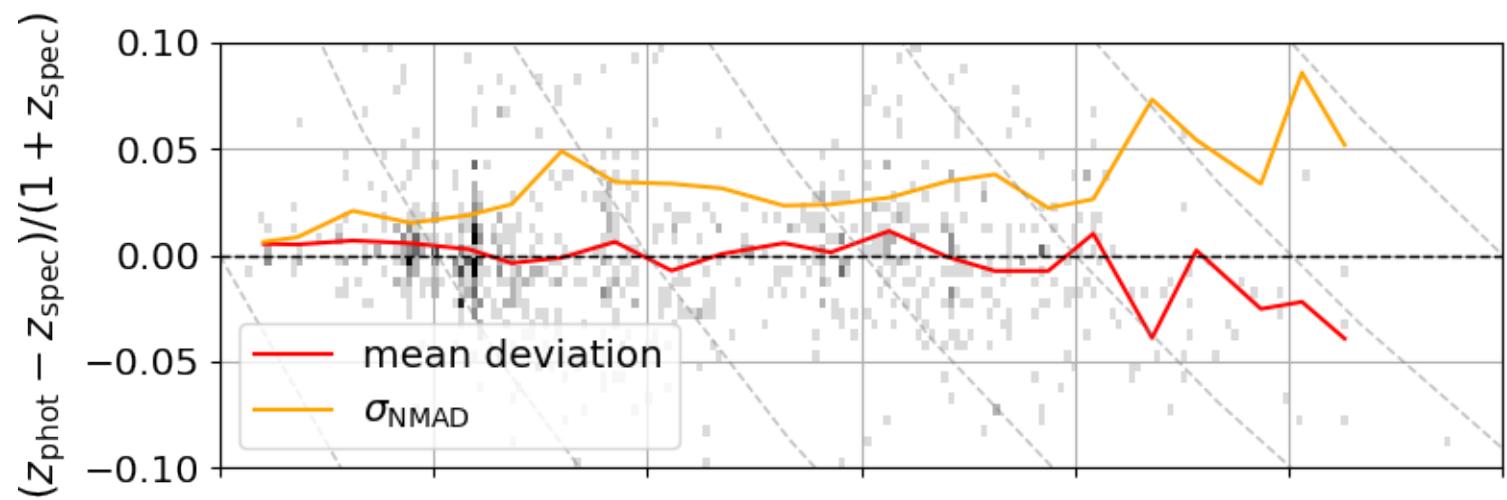
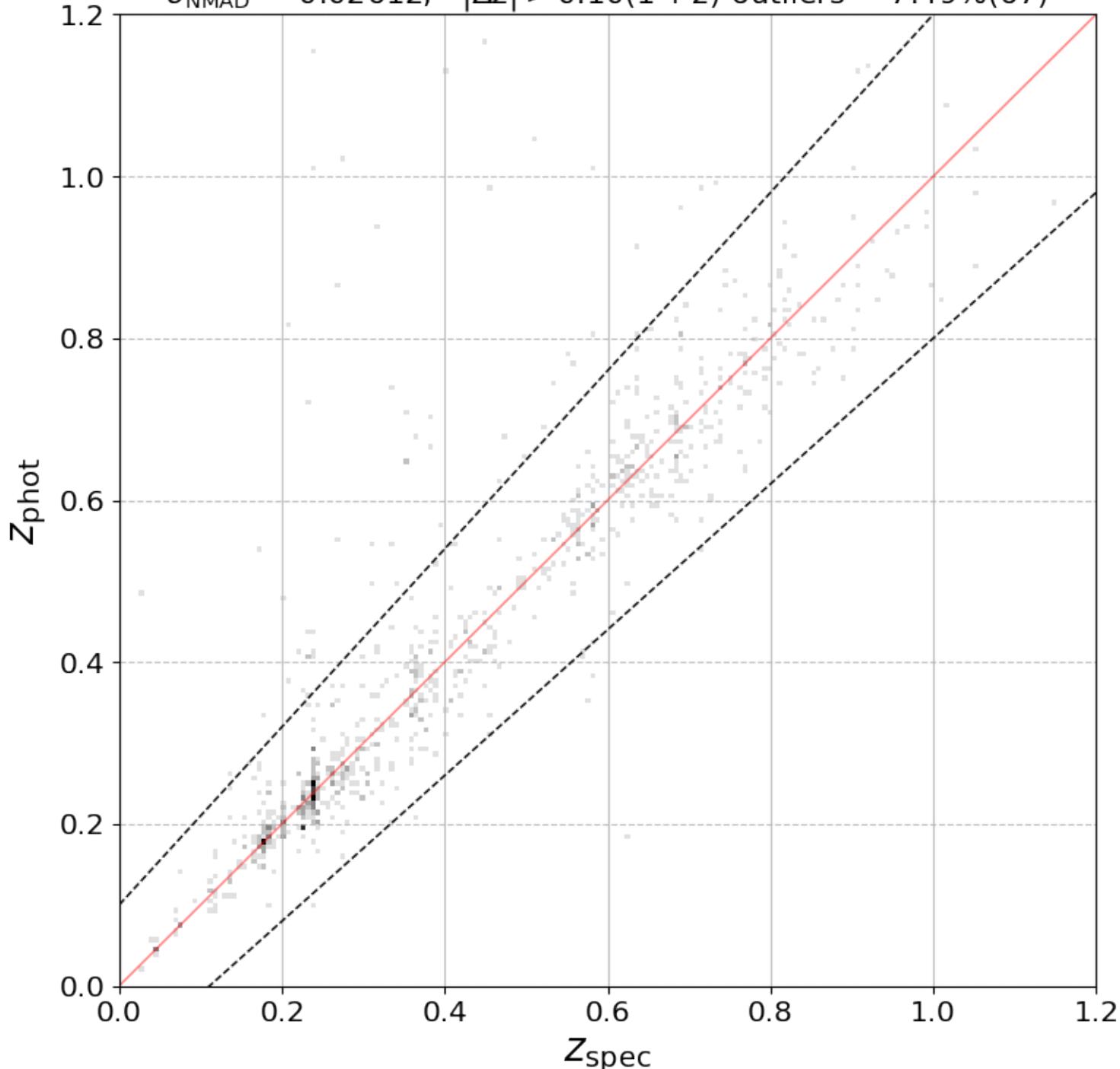
# WiggleZ $z_{\text{mag}} < 21$ (LS north, 815 objects)

$\sigma_{\text{NMAD}} = 0.05221$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 12.88% (105)



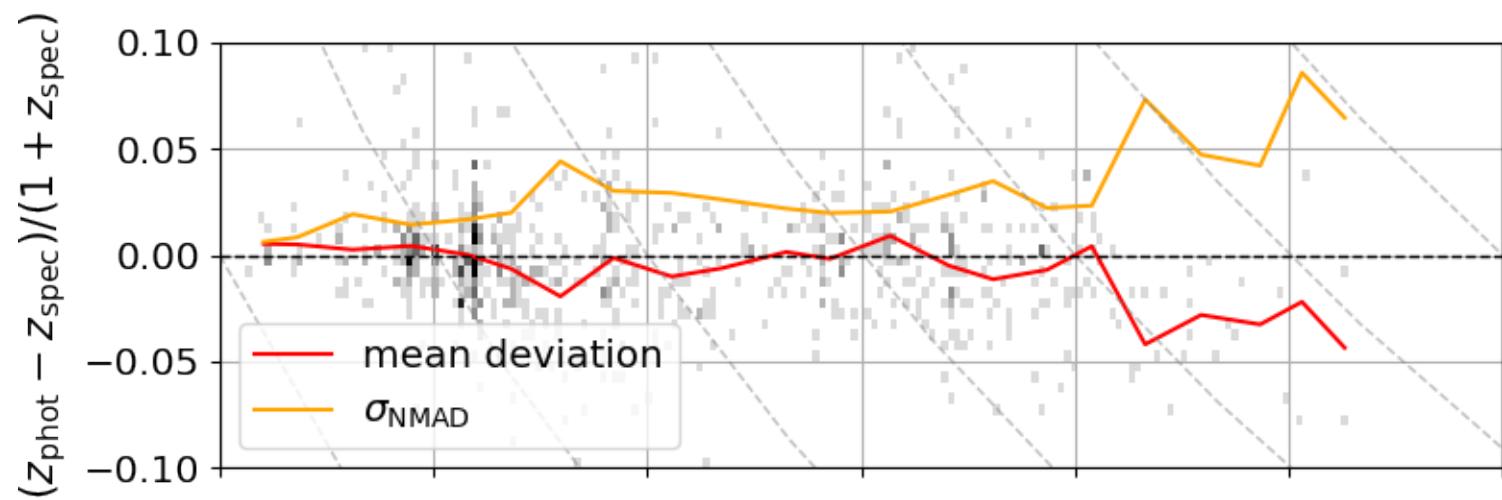
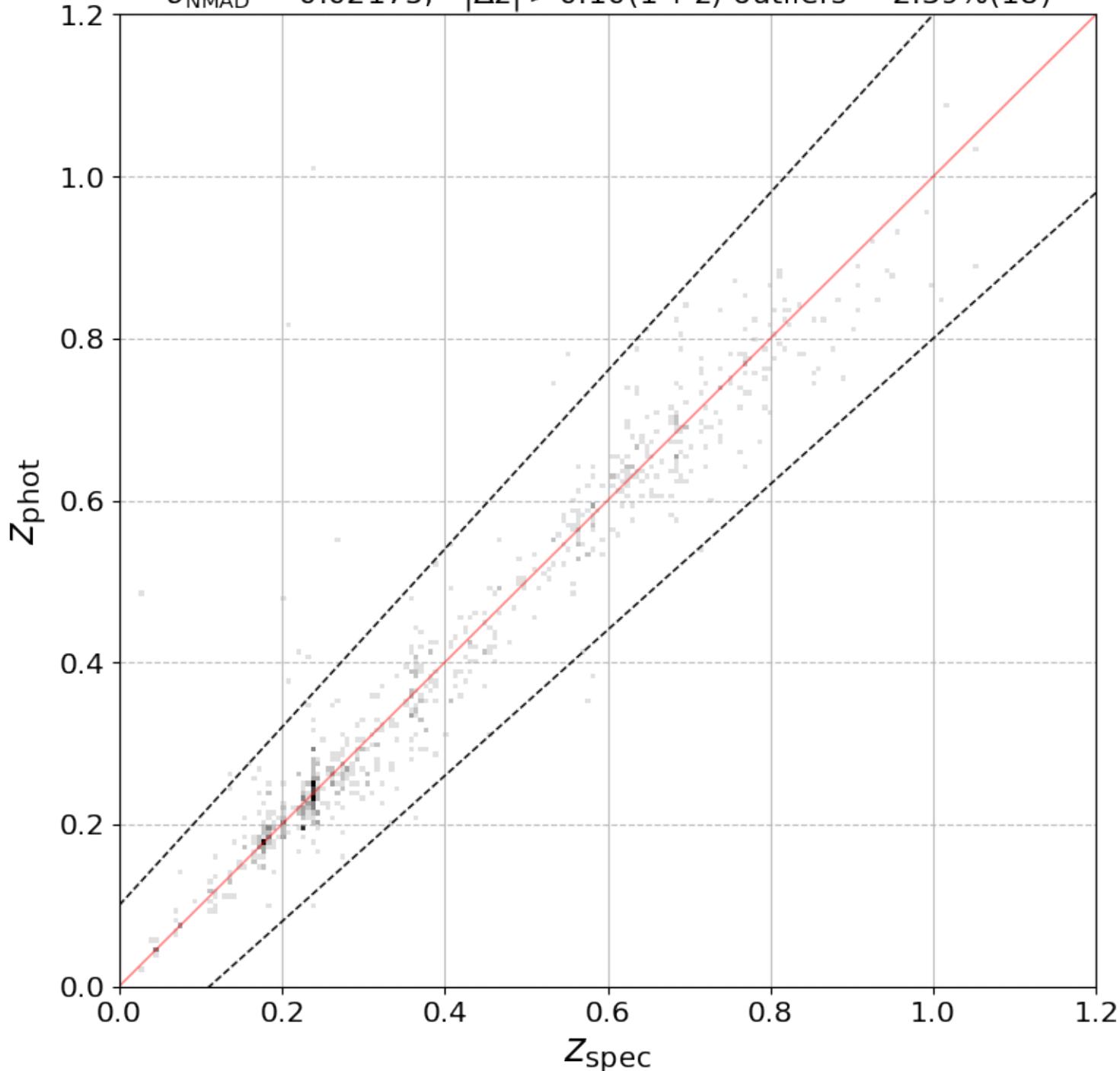
# OzDES (LS north, 894 objects)

$\sigma_{\text{NMAD}} = 0.02612$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 7.49%(67)



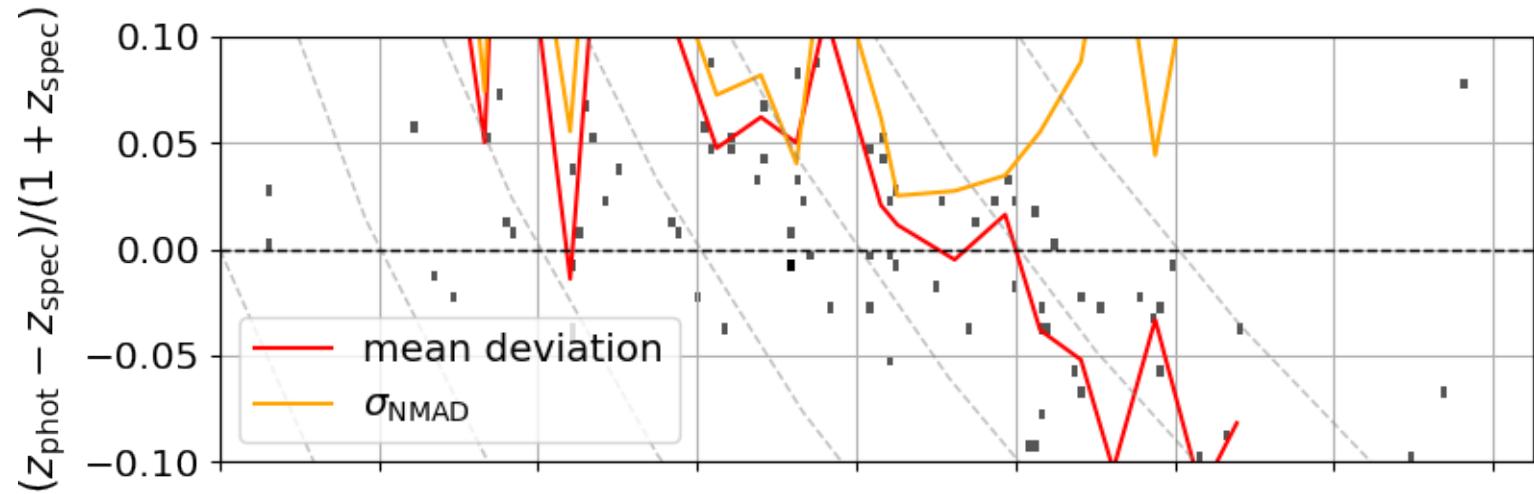
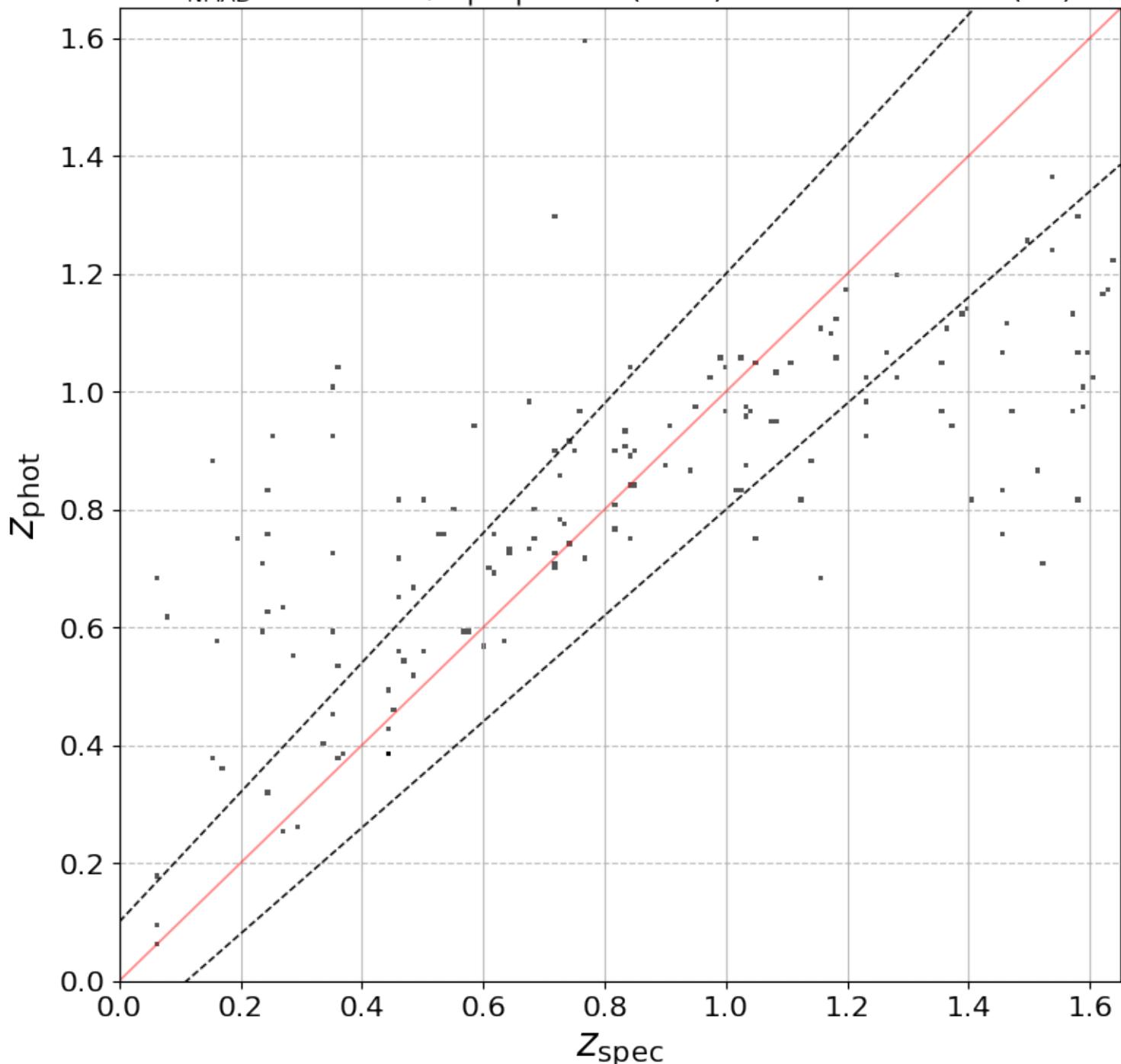
# OzDES $z_{\text{mag}} < 21$ (LS north, 754 objects)

$\sigma_{\text{NMAD}} = 0.02175$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 2.39%(18)



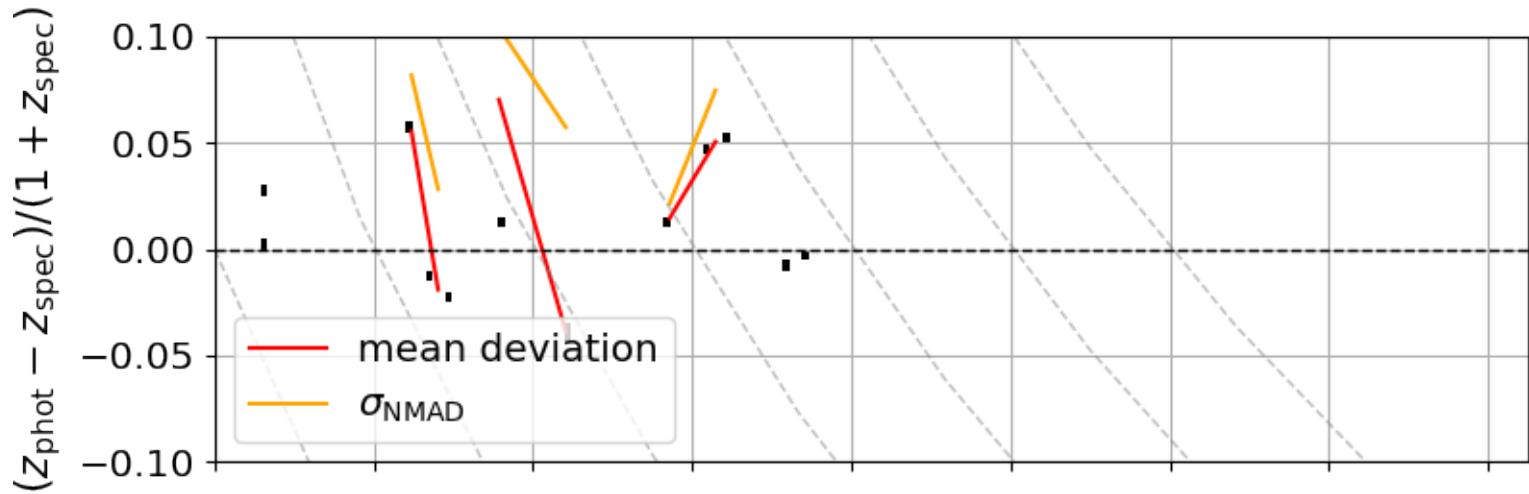
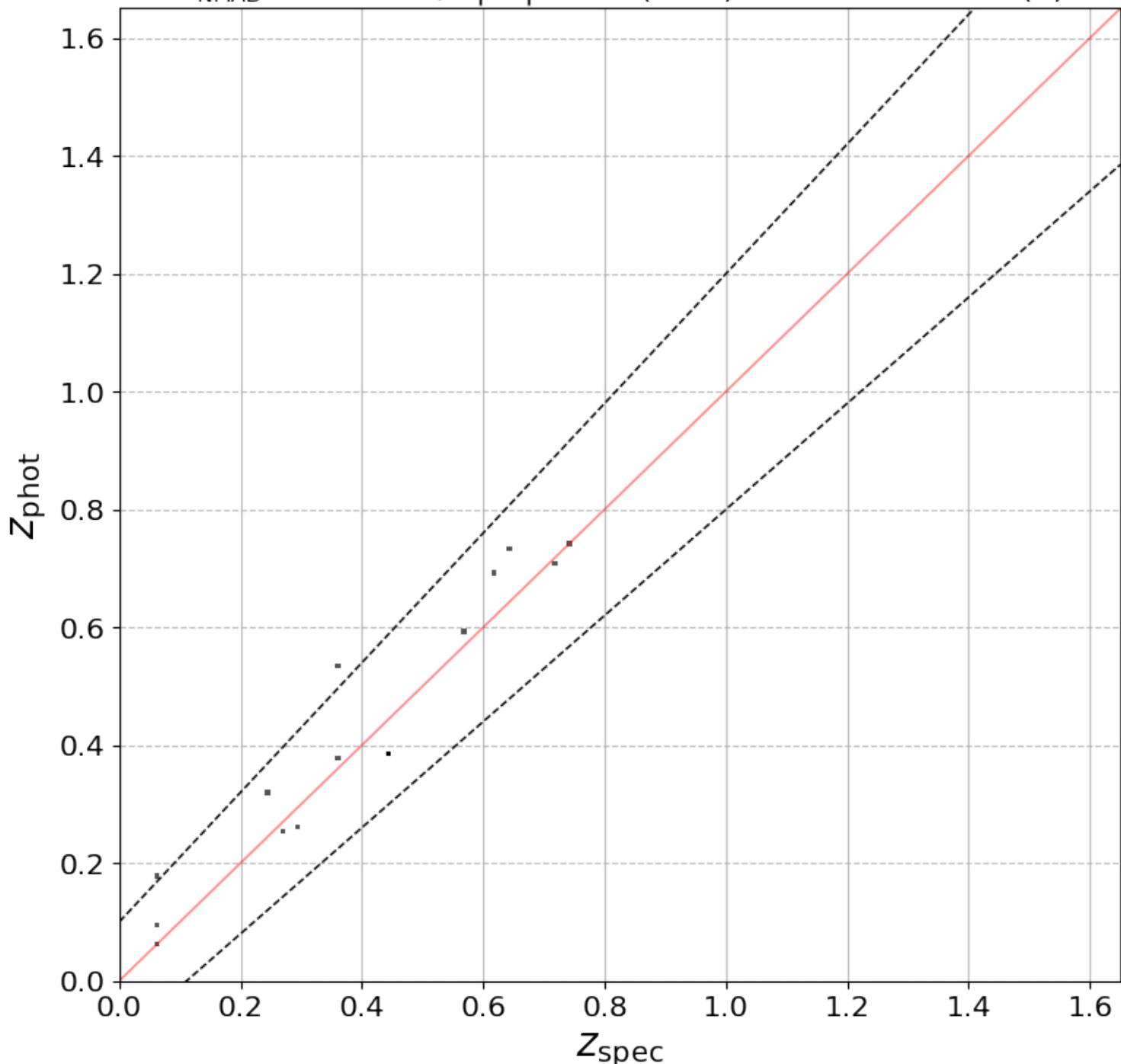
# C3R2 (LS north, 174 objects)

$\sigma_{\text{NMAD}} = 0.15886$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 52.30%(91)



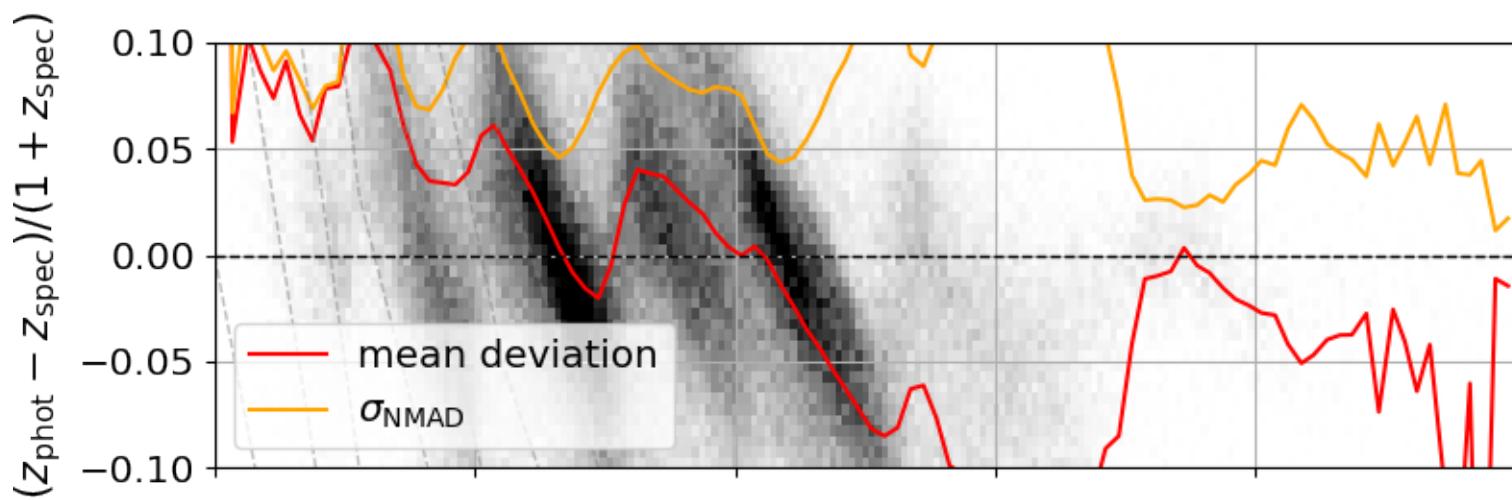
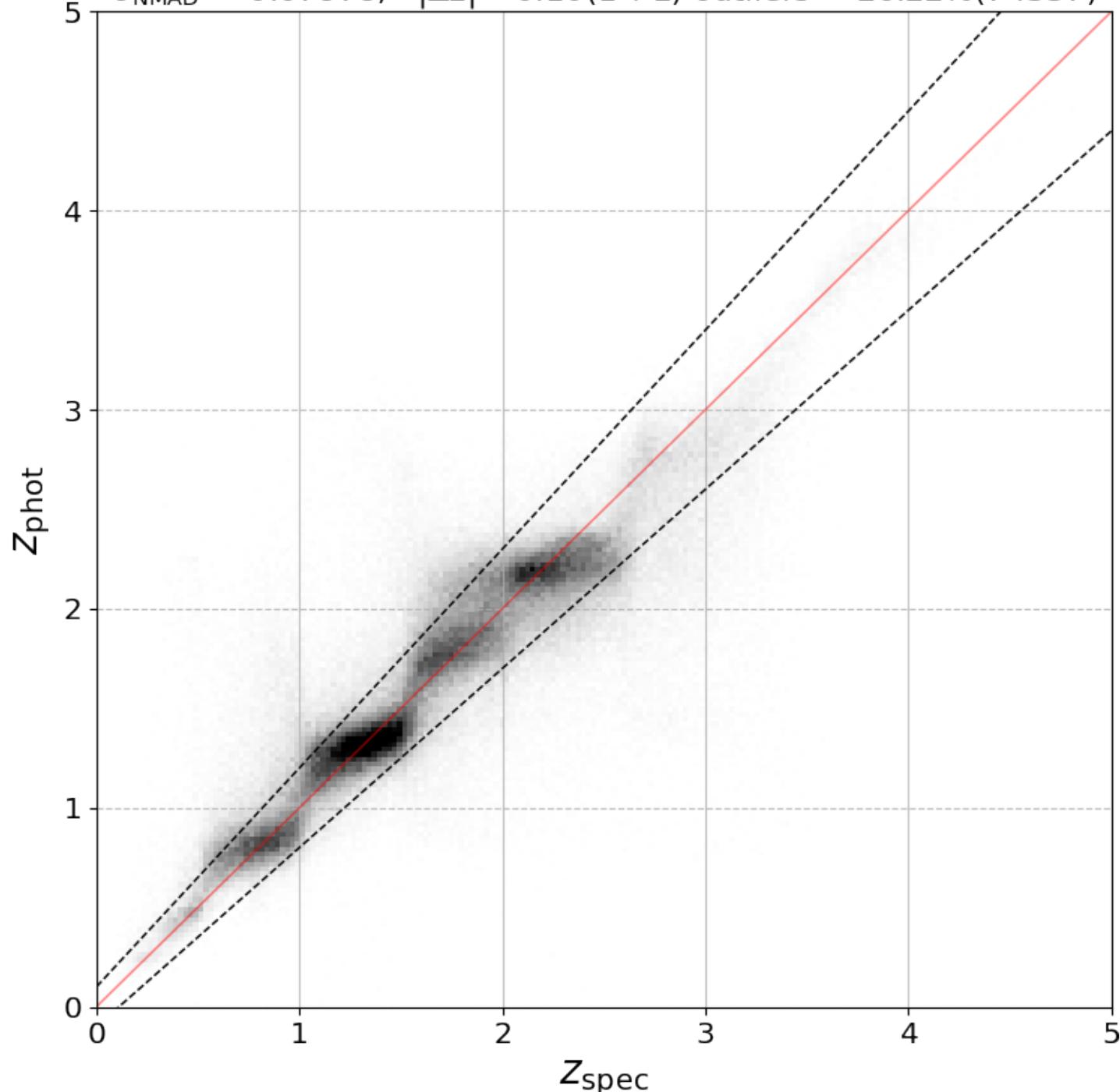
C3R2 zmag<21 (LS north, 16 objects)

$\sigma_{\text{NMAD}} = 0.04608$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 12.50%(2)



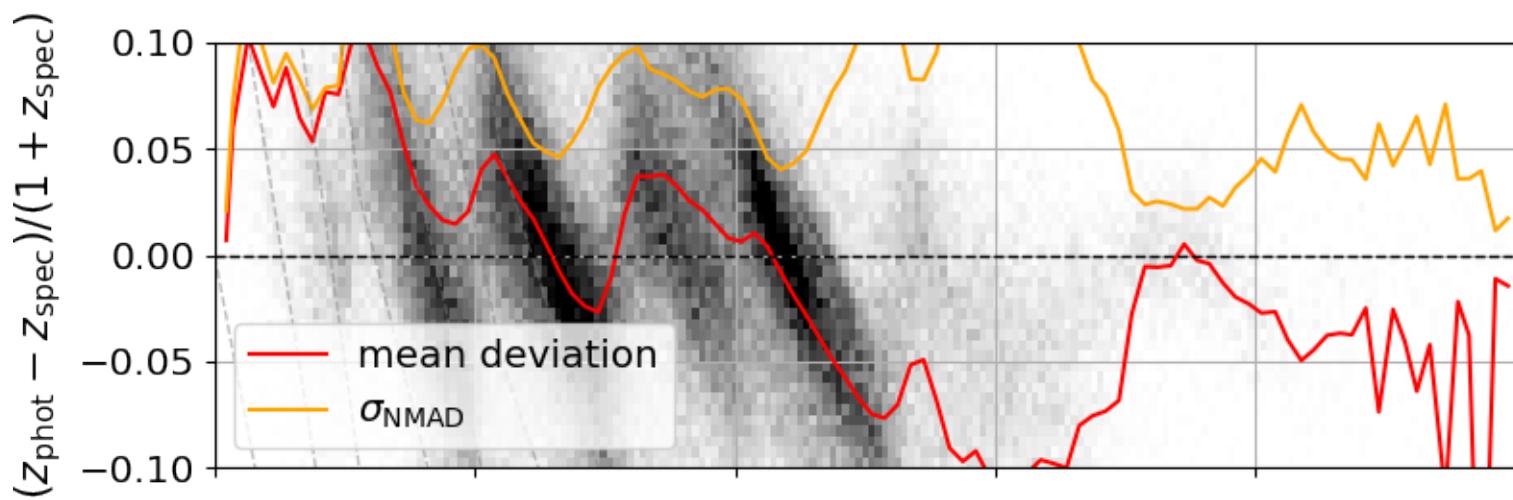
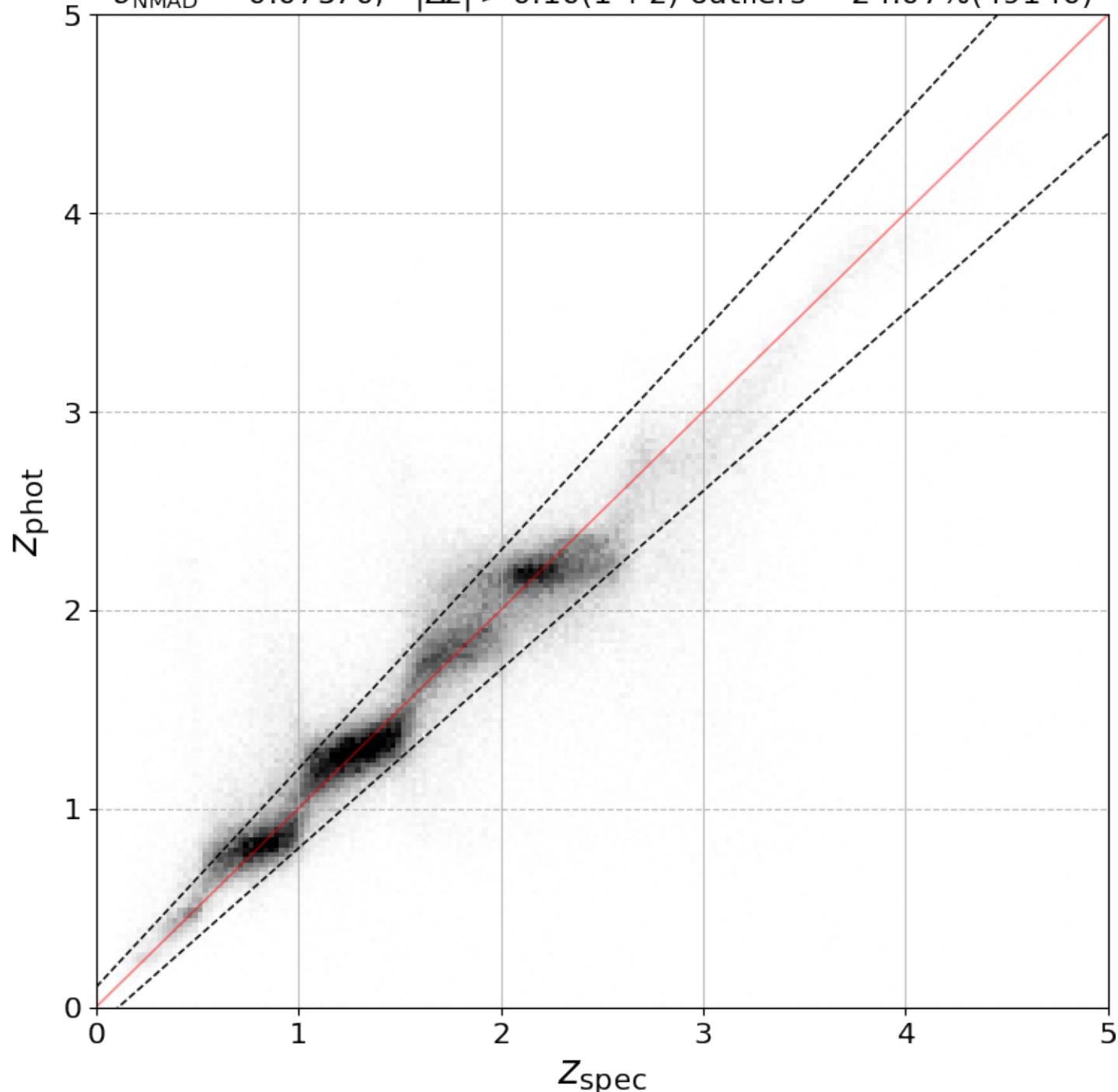
# SDSS-QSO (LS north, 283553 objects)

$\sigma_{\text{NMAD}} = 0.07978$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 26.22% (74337)



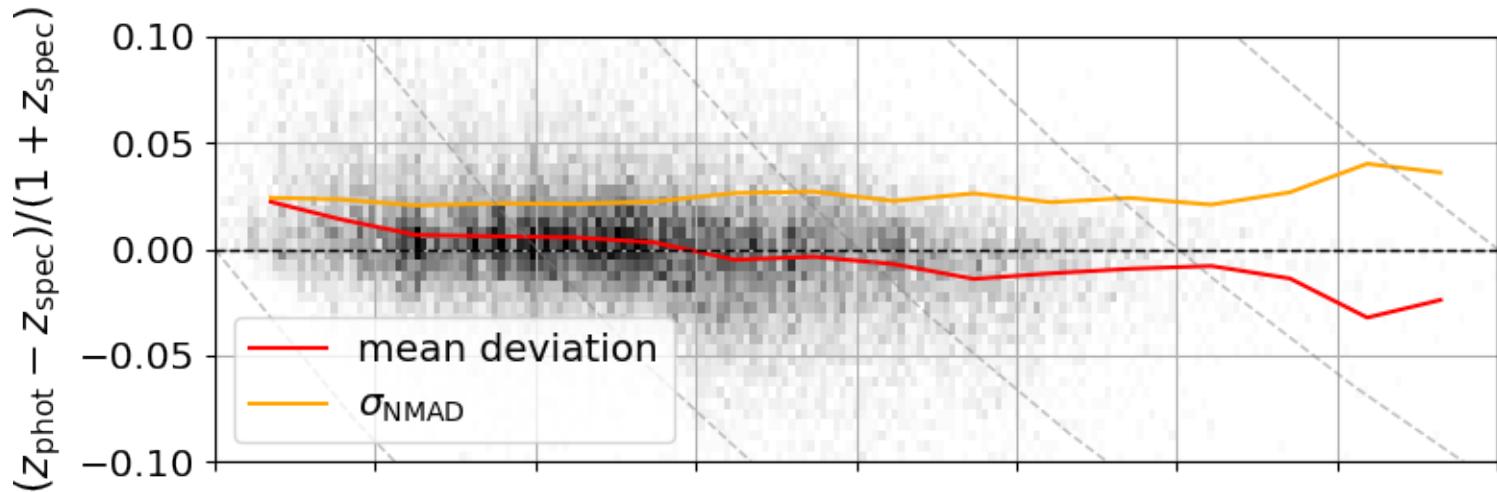
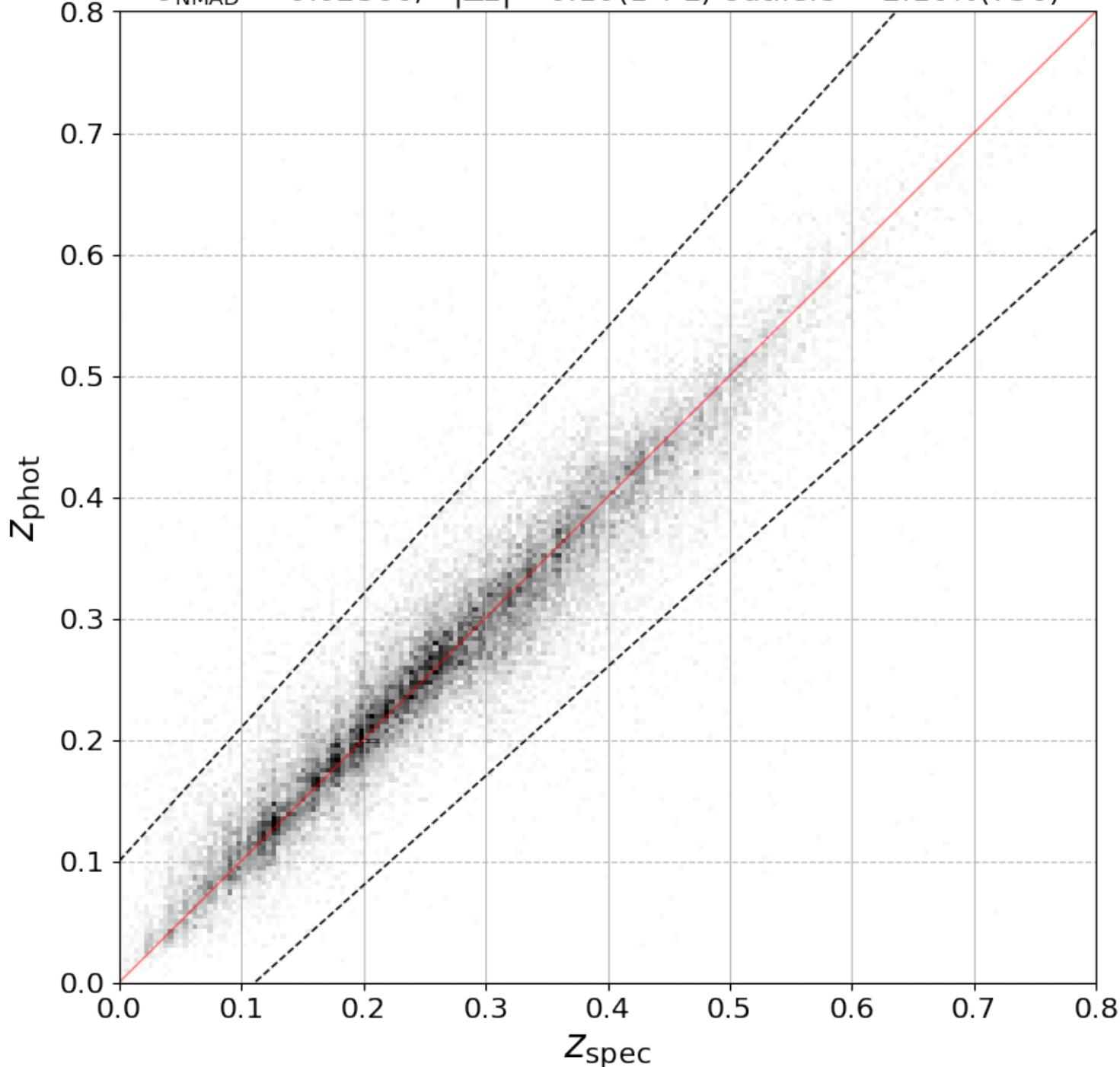
SDSS-QSO zmag<21 (LS north, 204124 objects)

$\sigma_{\text{NMAD}} = 0.07570$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 24.07% (49140)



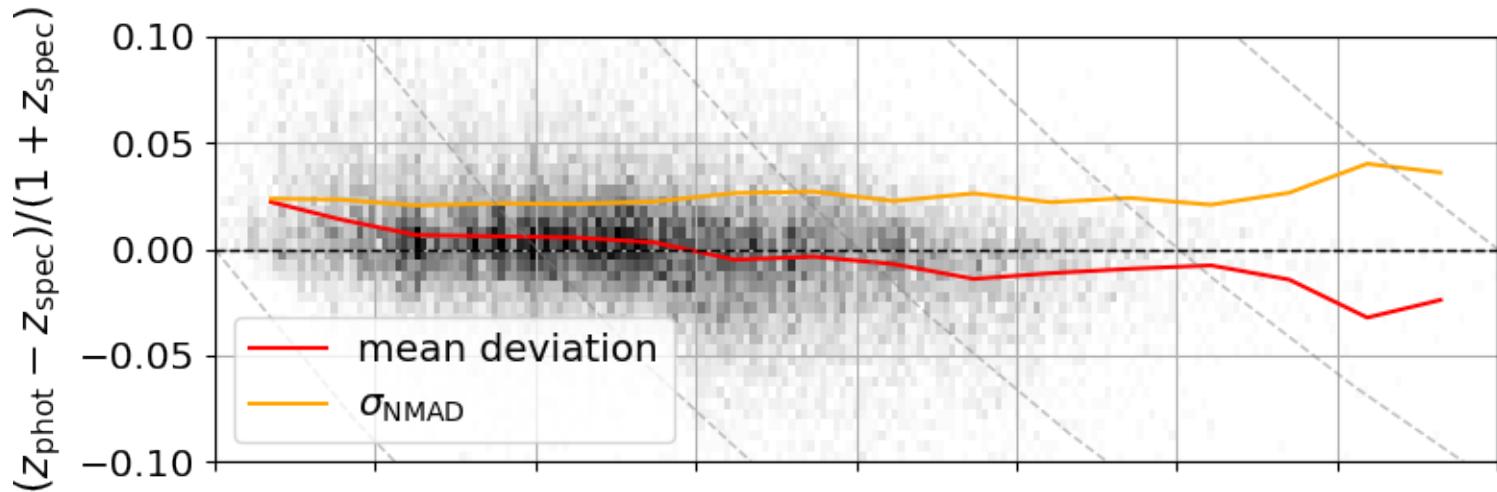
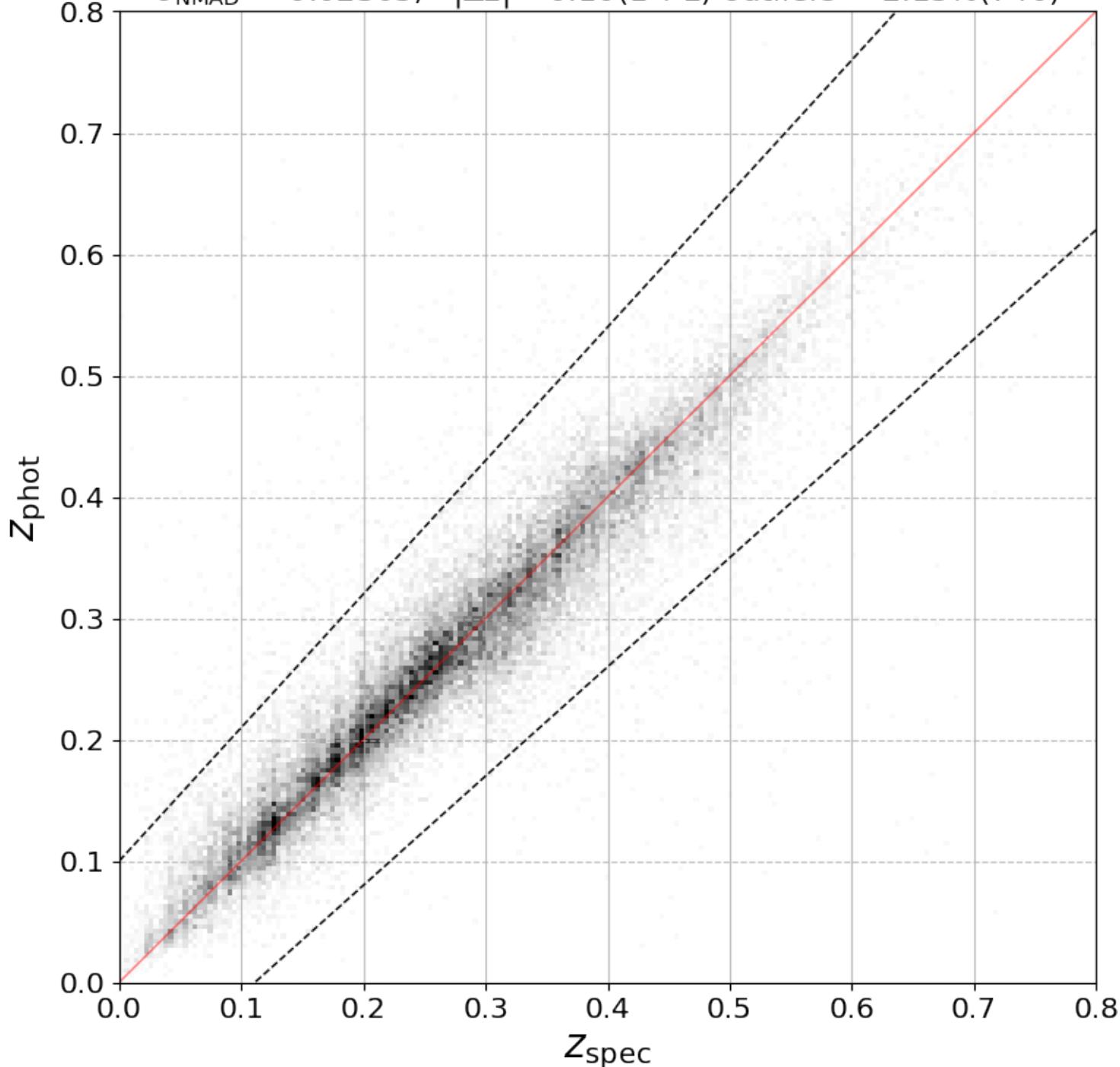
# DESI SV1 BGS (LS north, 34688 objects)

$\sigma_{\text{NMAD}} = 0.02306$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 2.16% (750)



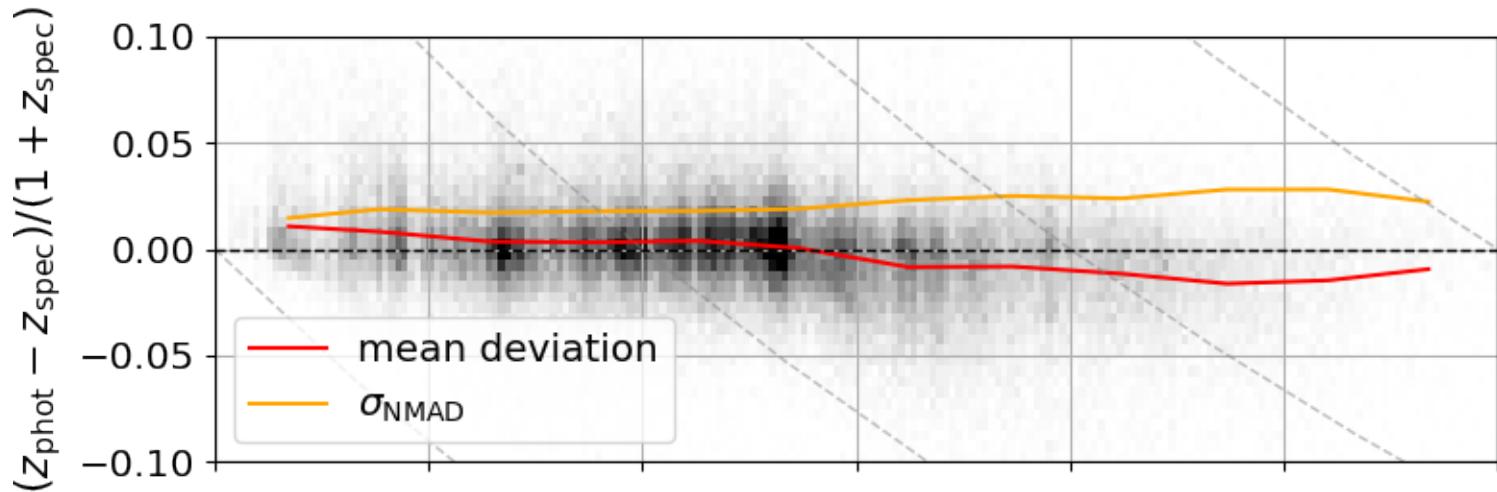
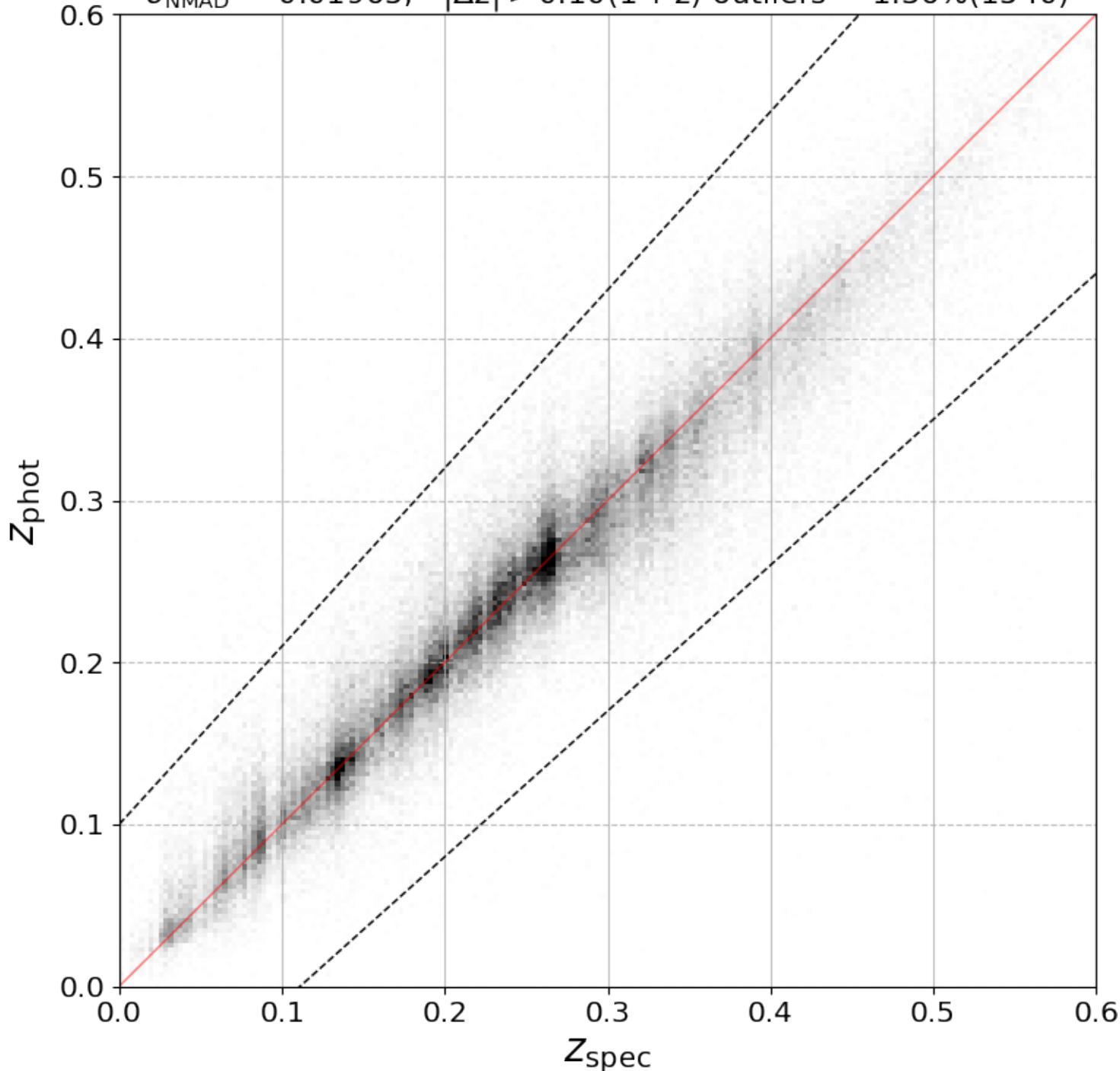
DESI SV1 BGS zmag<21 (LS north, 34666 objects)

$\sigma_{\text{NMAD}} = 0.02305$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 2.13% (740)



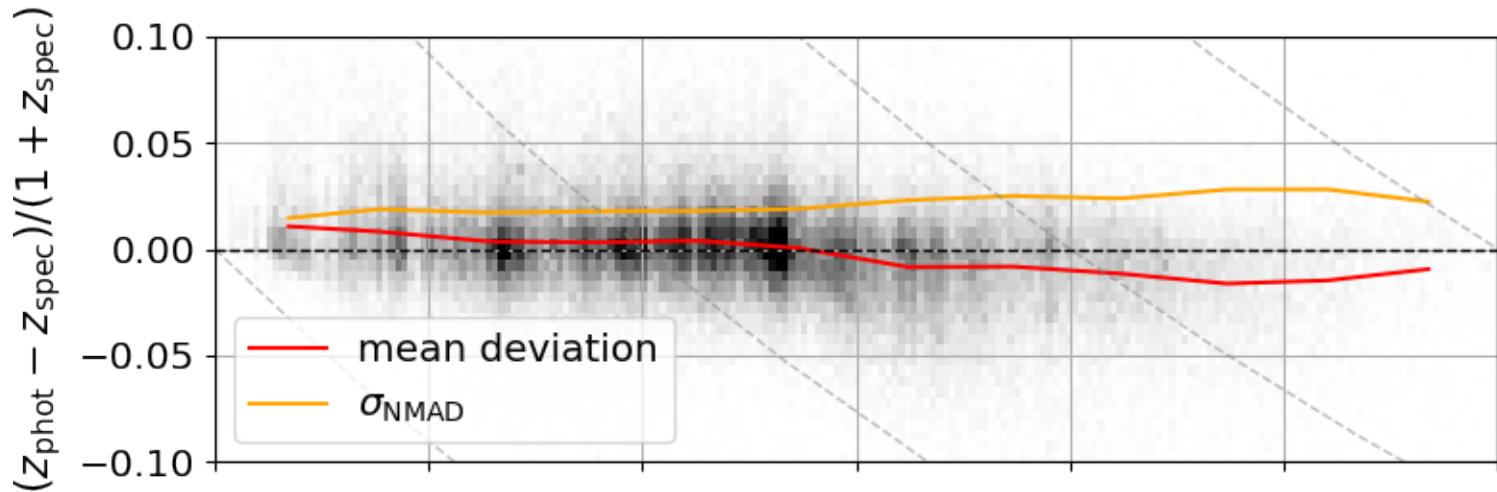
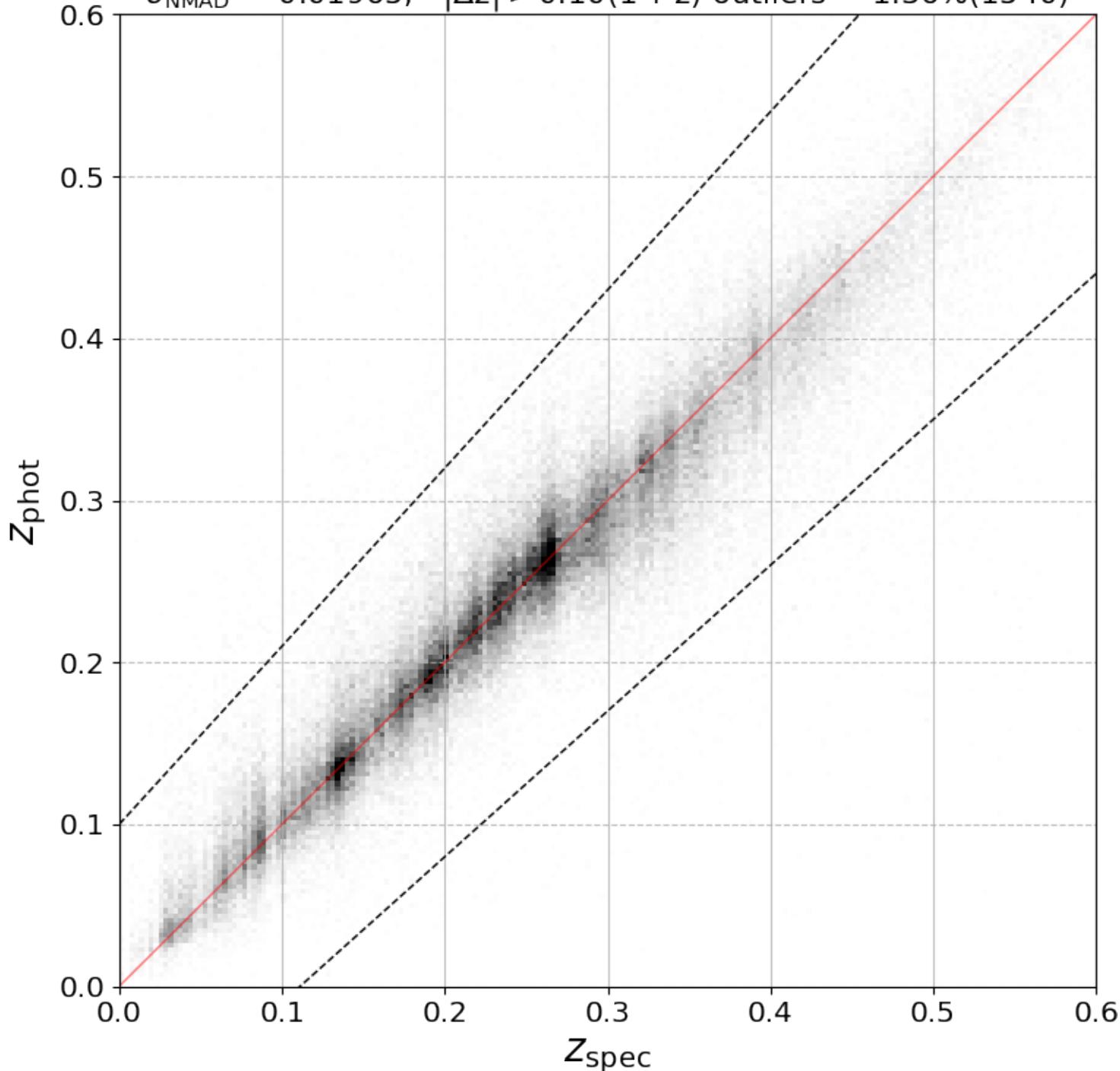
# DESI SV3 BGS (LS north, 113055 objects)

$\sigma_{\text{NMAD}} = 0.01965$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 1.36%(1540)



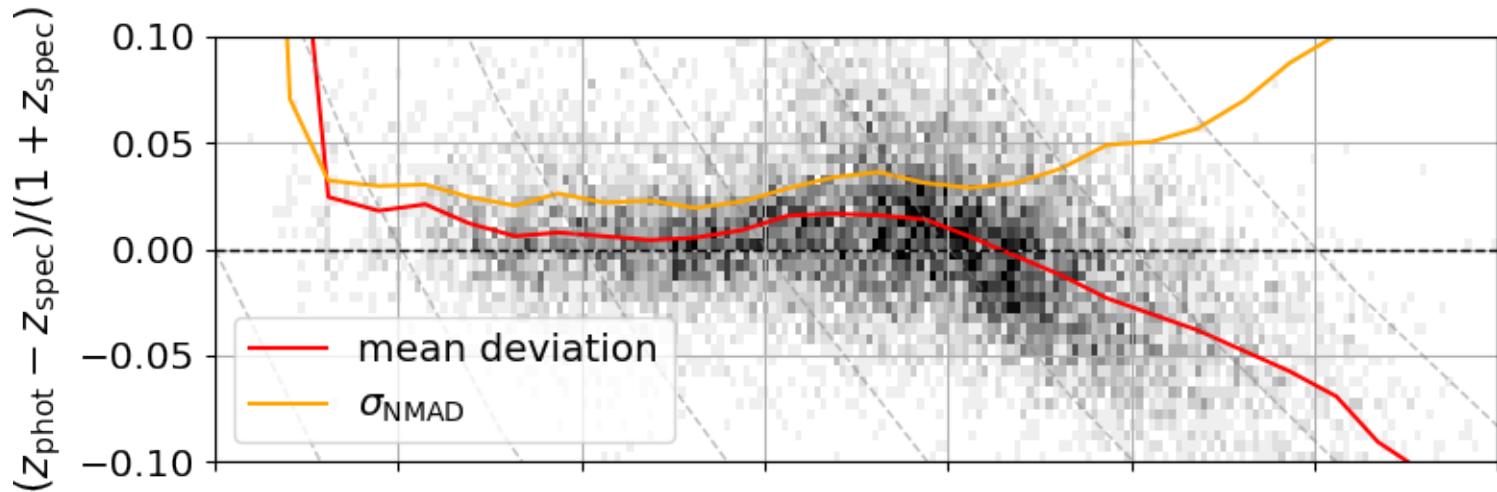
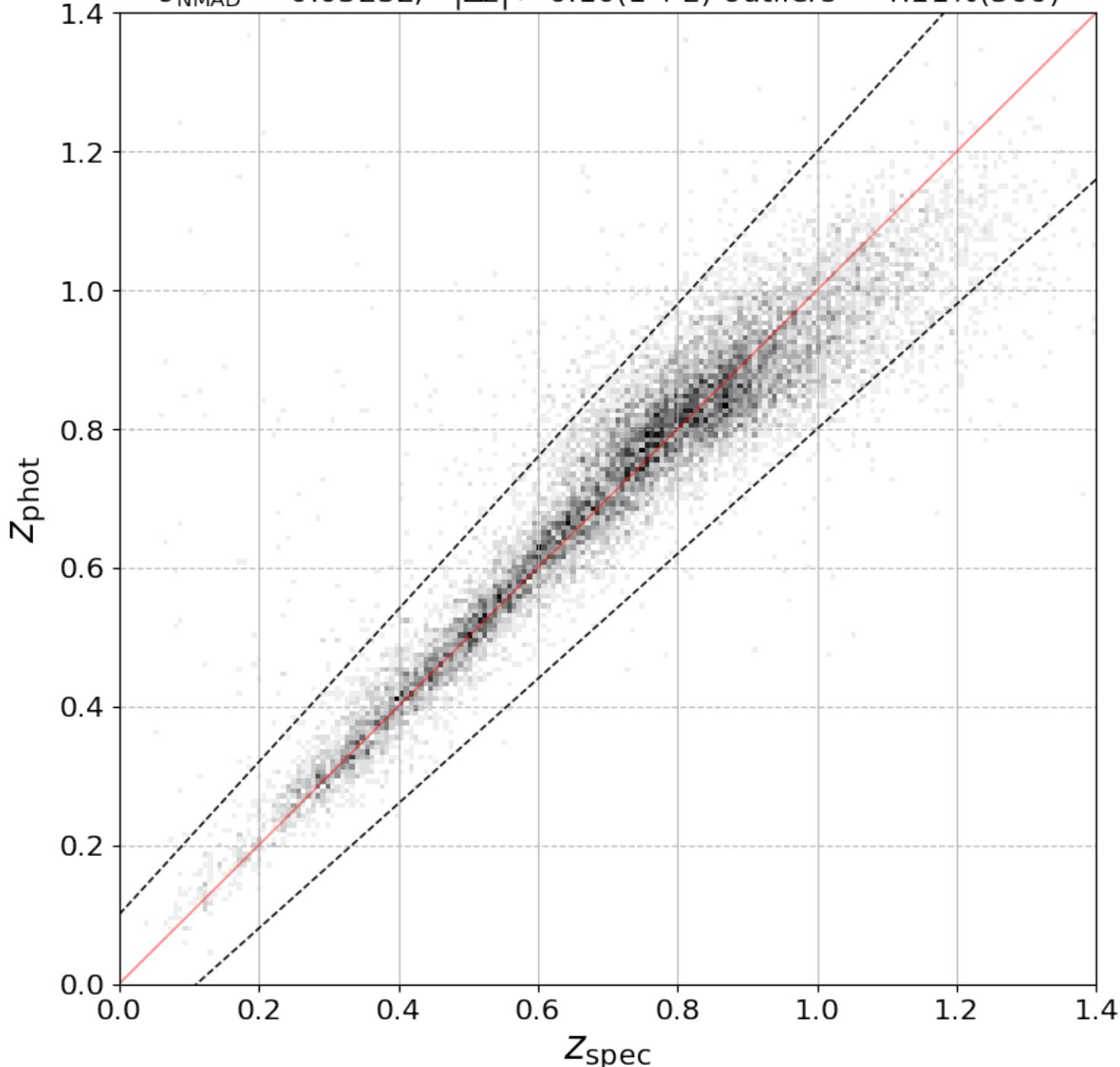
DESI SV3 BGS zmag<21 (LS north, 113054 objects)

$\sigma_{\text{NMAD}} = 0.01965$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 1.36%(1540)



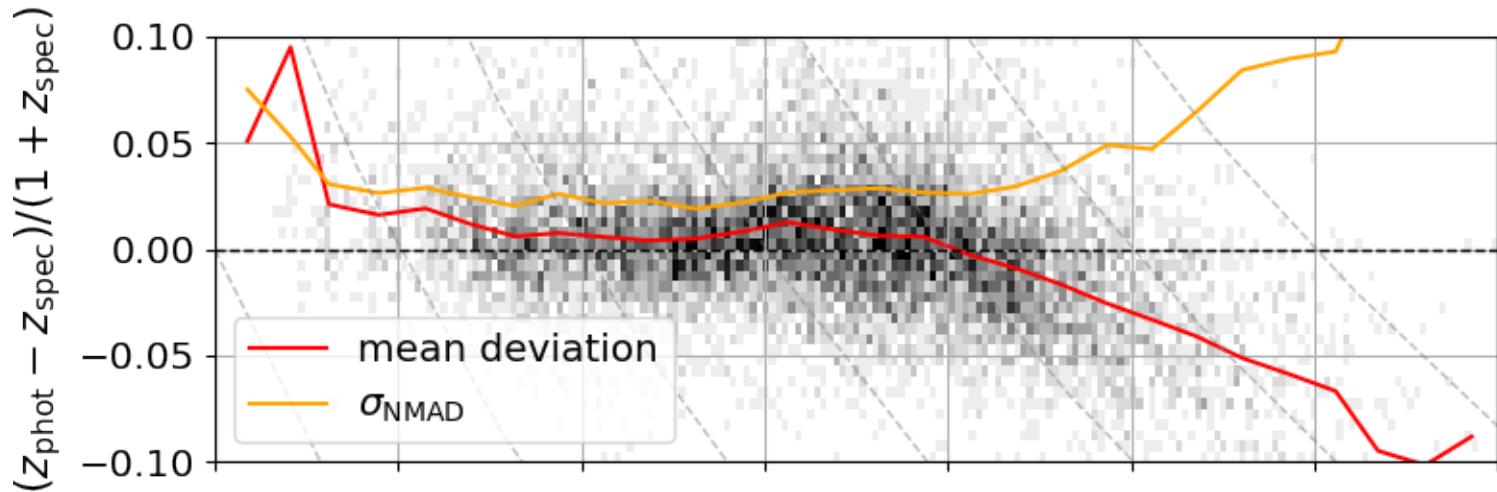
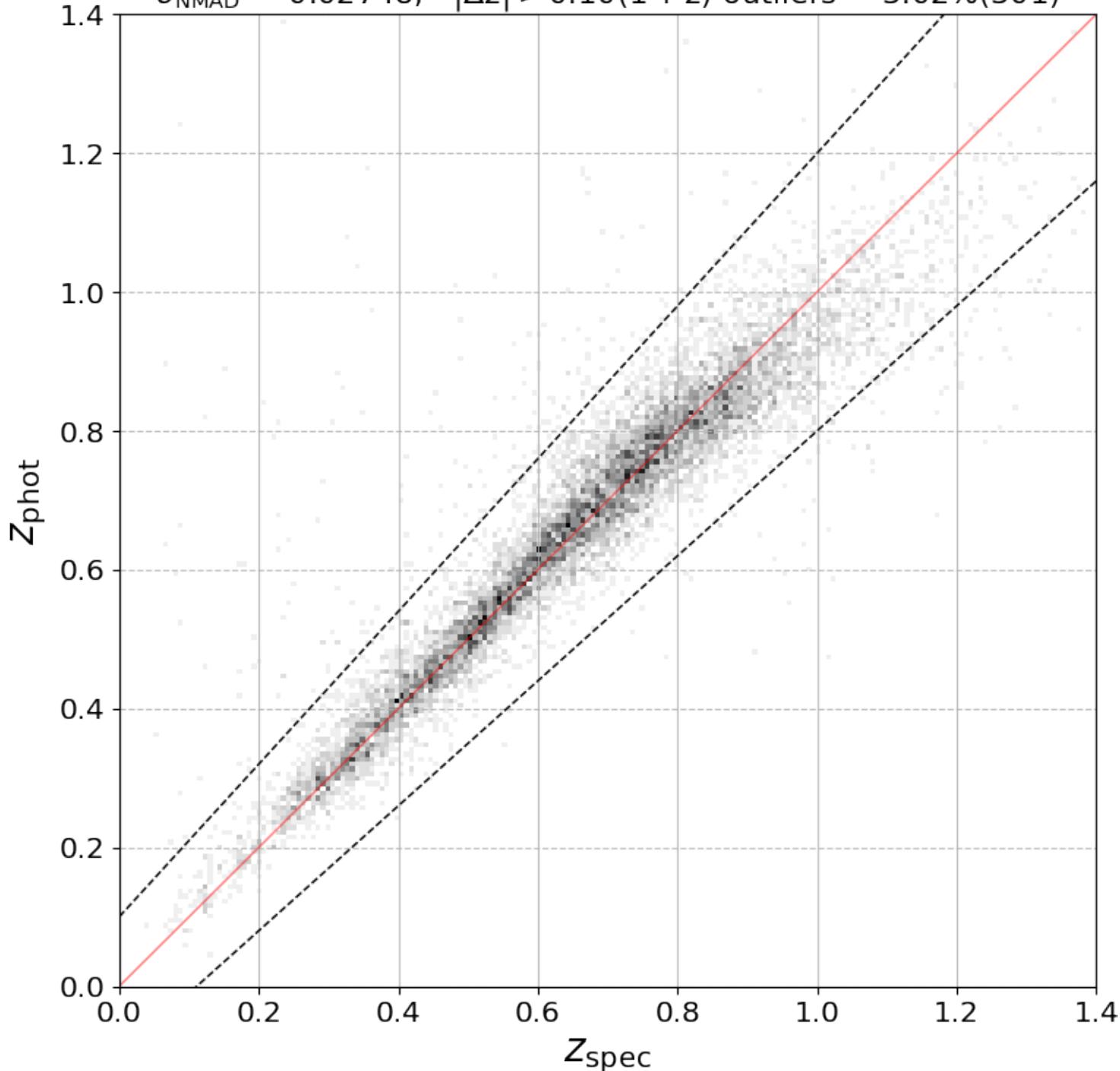
# DESI SV1 LRG (LS north, 13783 objects)

$\sigma_{\text{NMAD}} = 0.03232$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 4.11% (566)



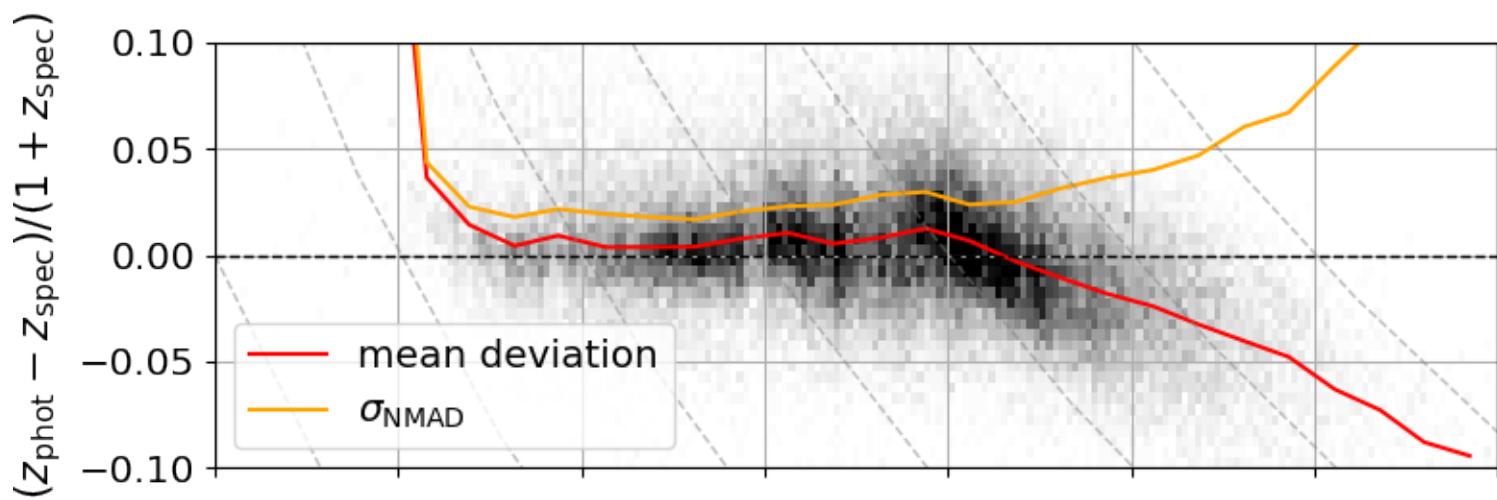
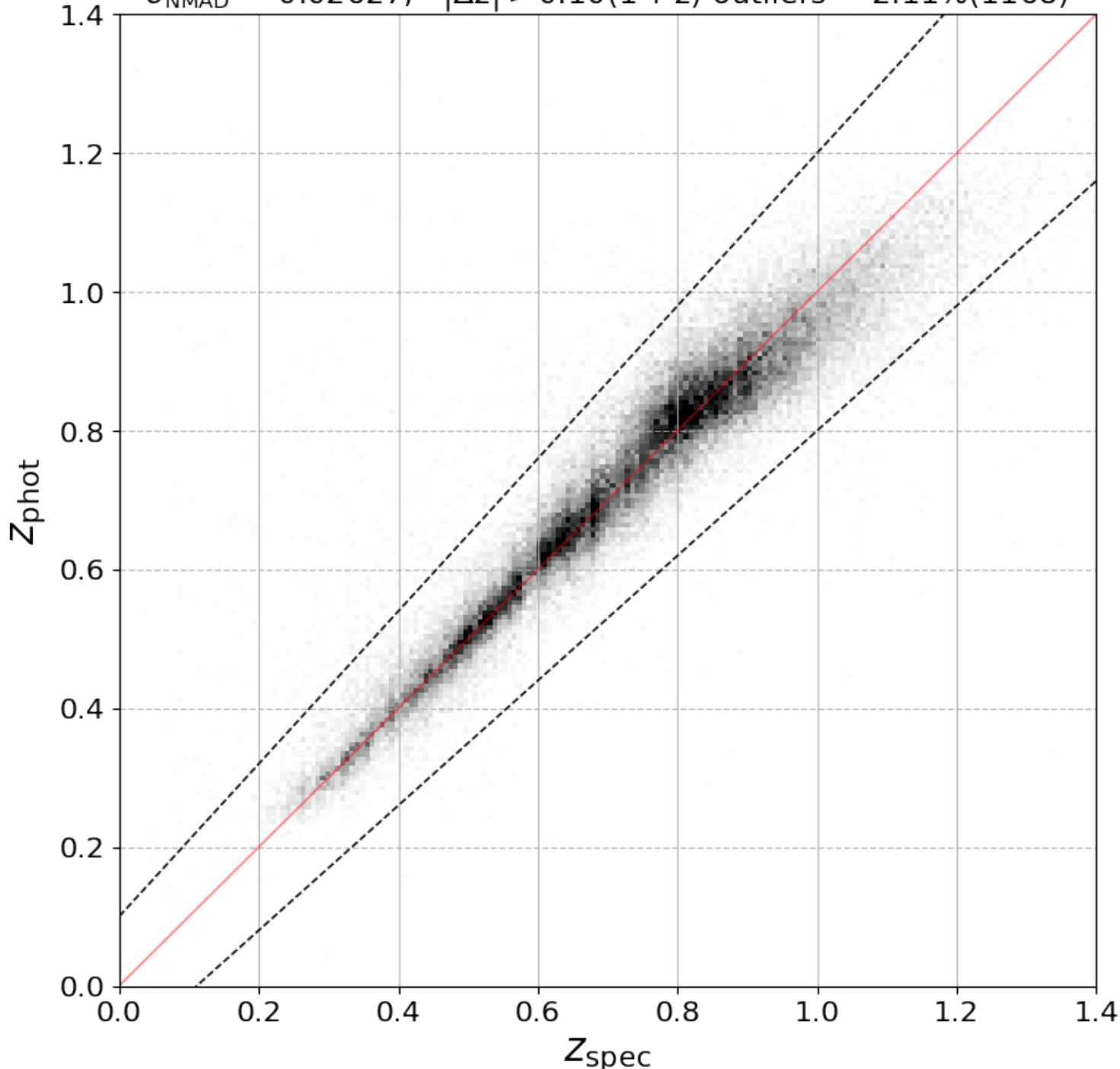
DESI SV1 LRG zmag<21 (LS north, 9952 objects)

$\sigma_{\text{NMAD}} = 0.02748$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 3.02% (301)



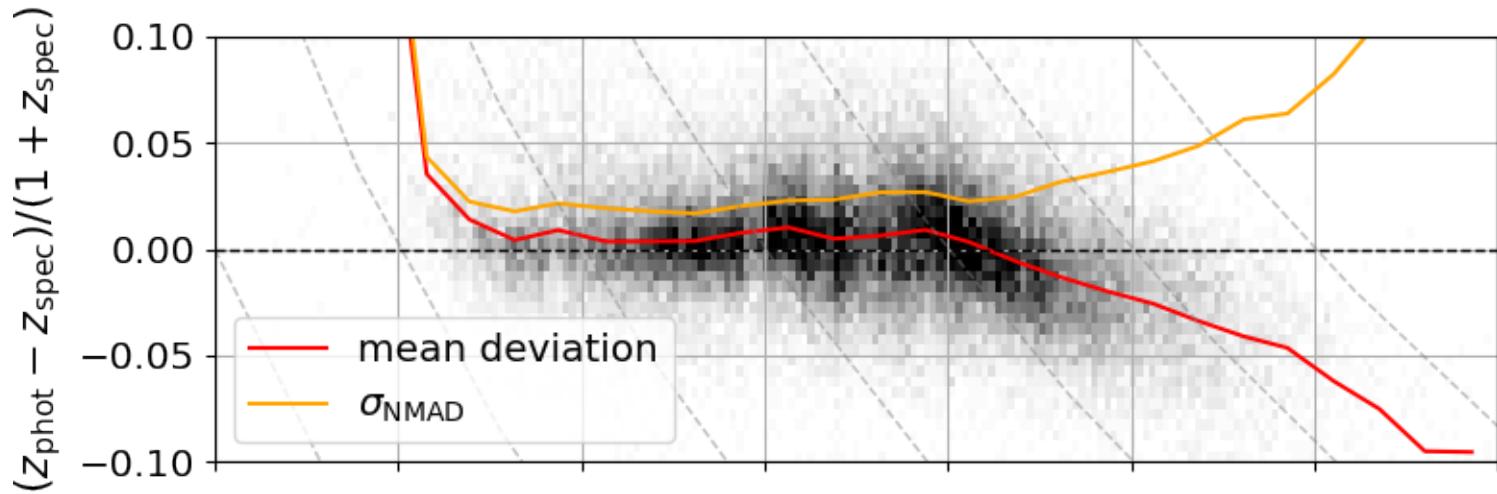
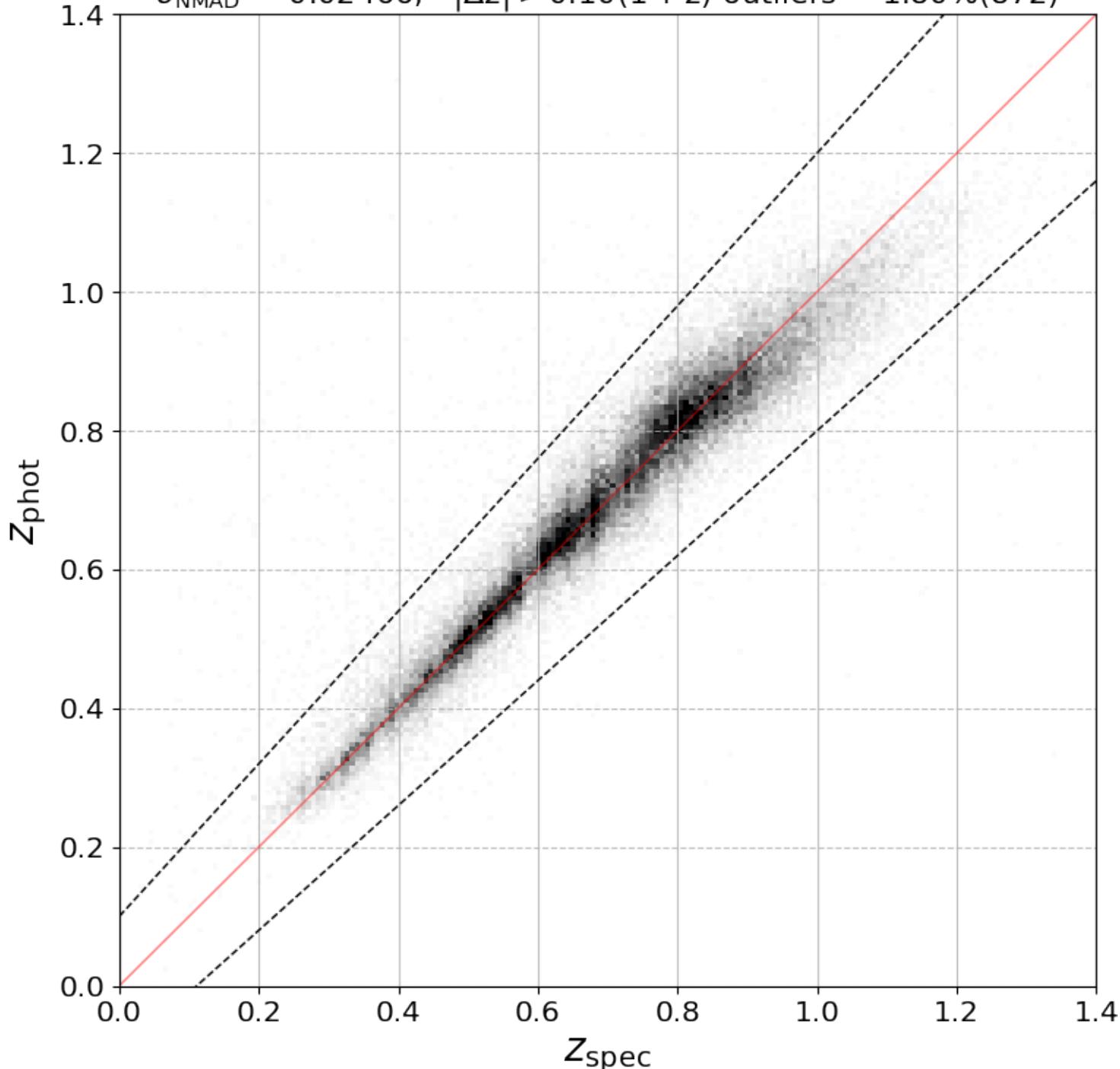
# DESI SV3 LRG (LS north, 55390 objects)

$\sigma_{\text{NMAD}} = 0.02627$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 2.11% (1168)



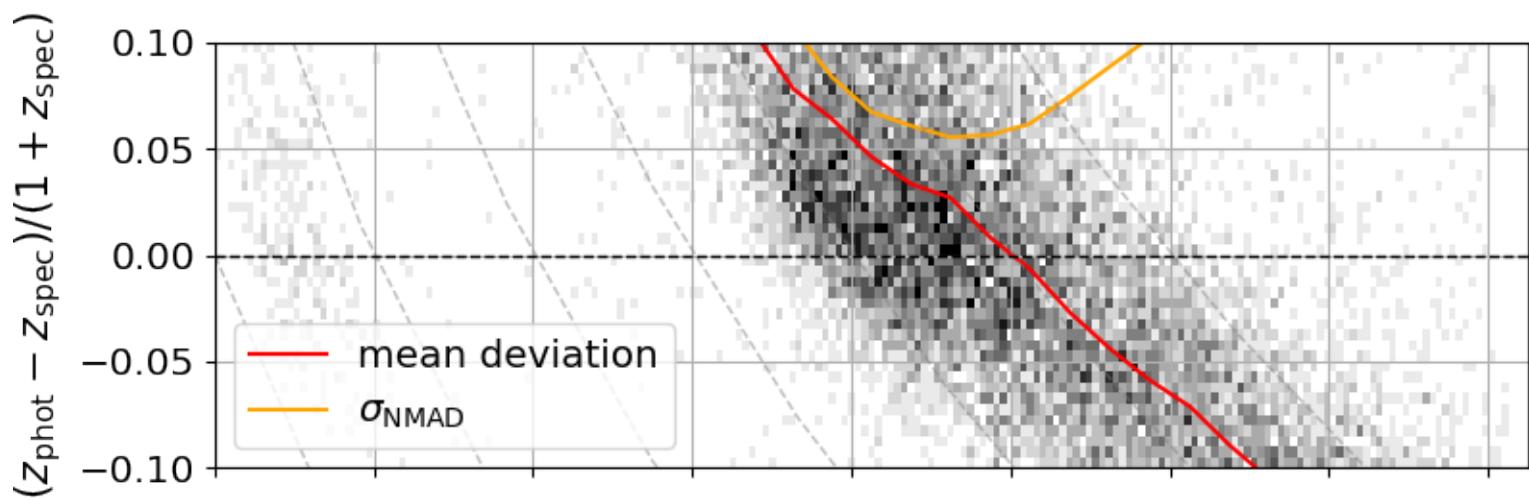
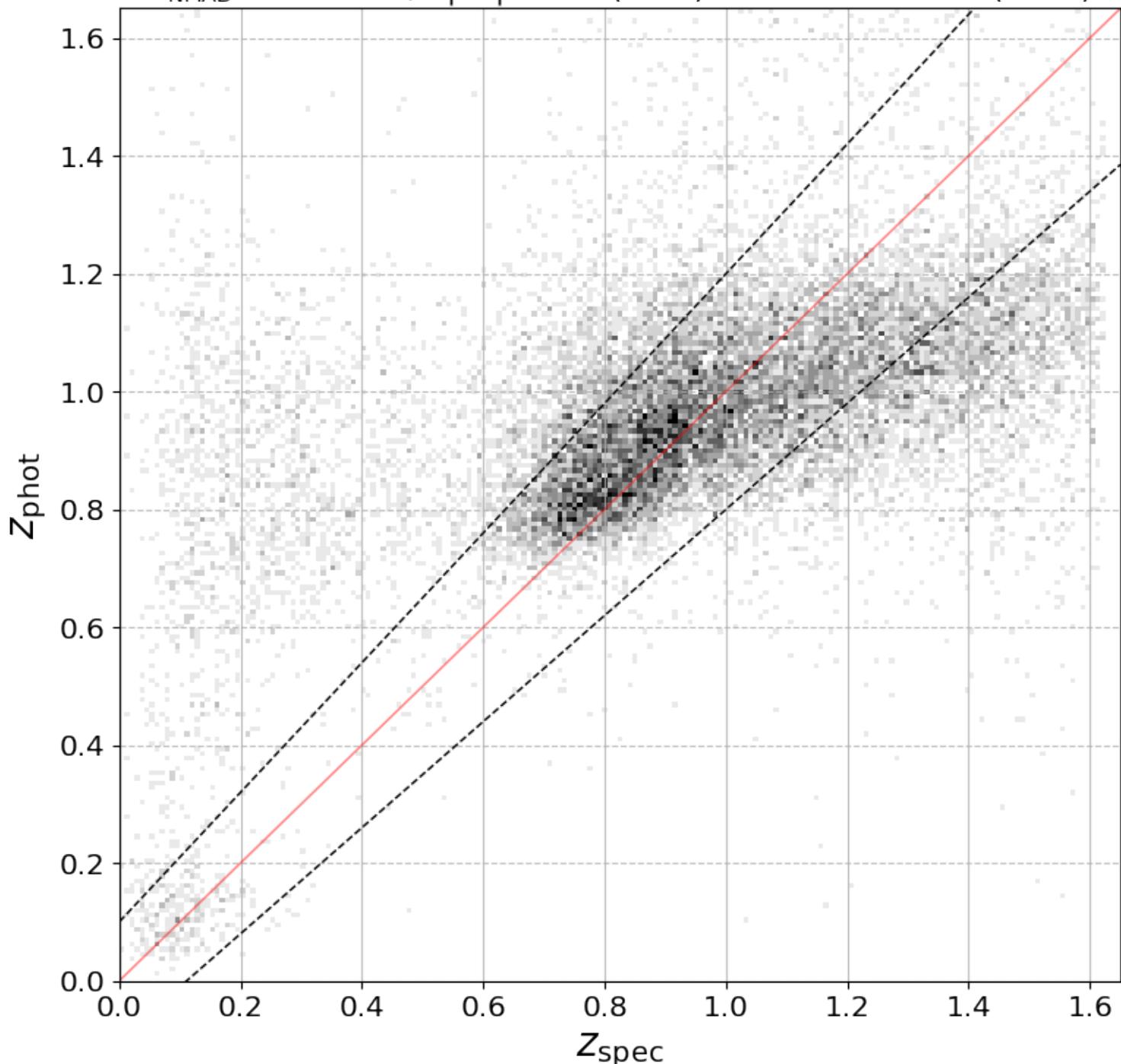
DESI SV3 LRG zmag<21 (LS north, 48361 objects)

$\sigma_{\text{NMAD}} = 0.02466$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 1.80% (872)



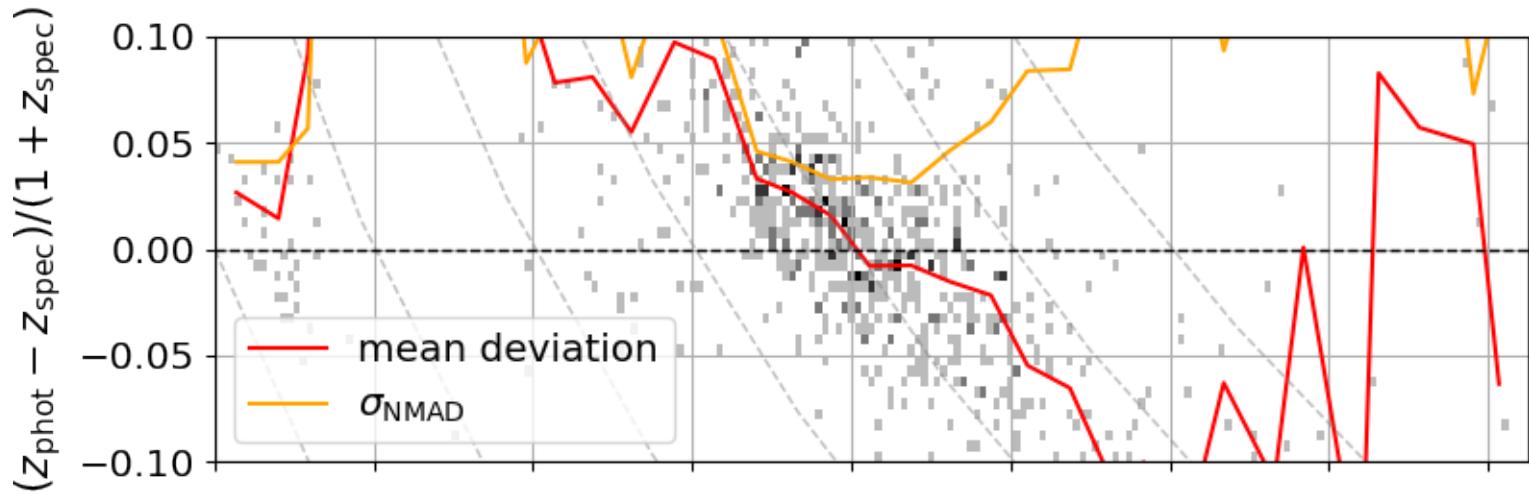
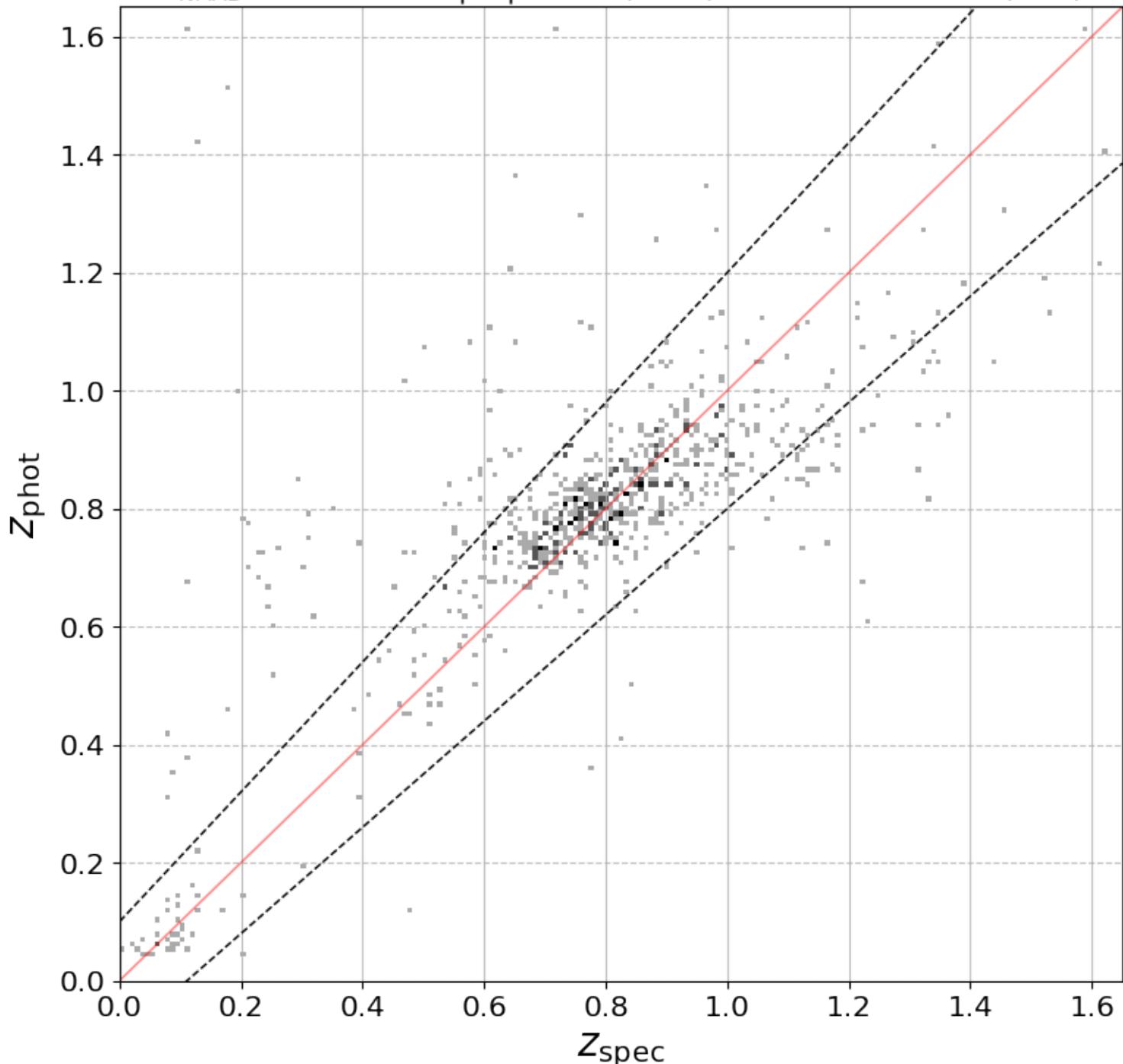
# DESI SV1 ELG (LS north, 17735 objects)

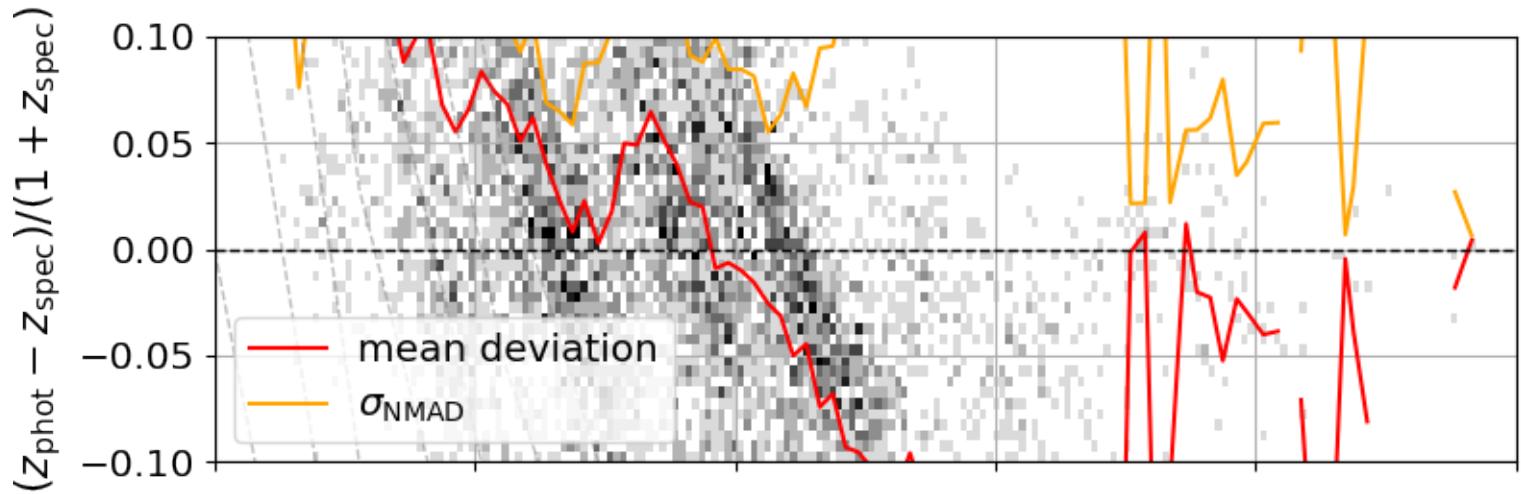
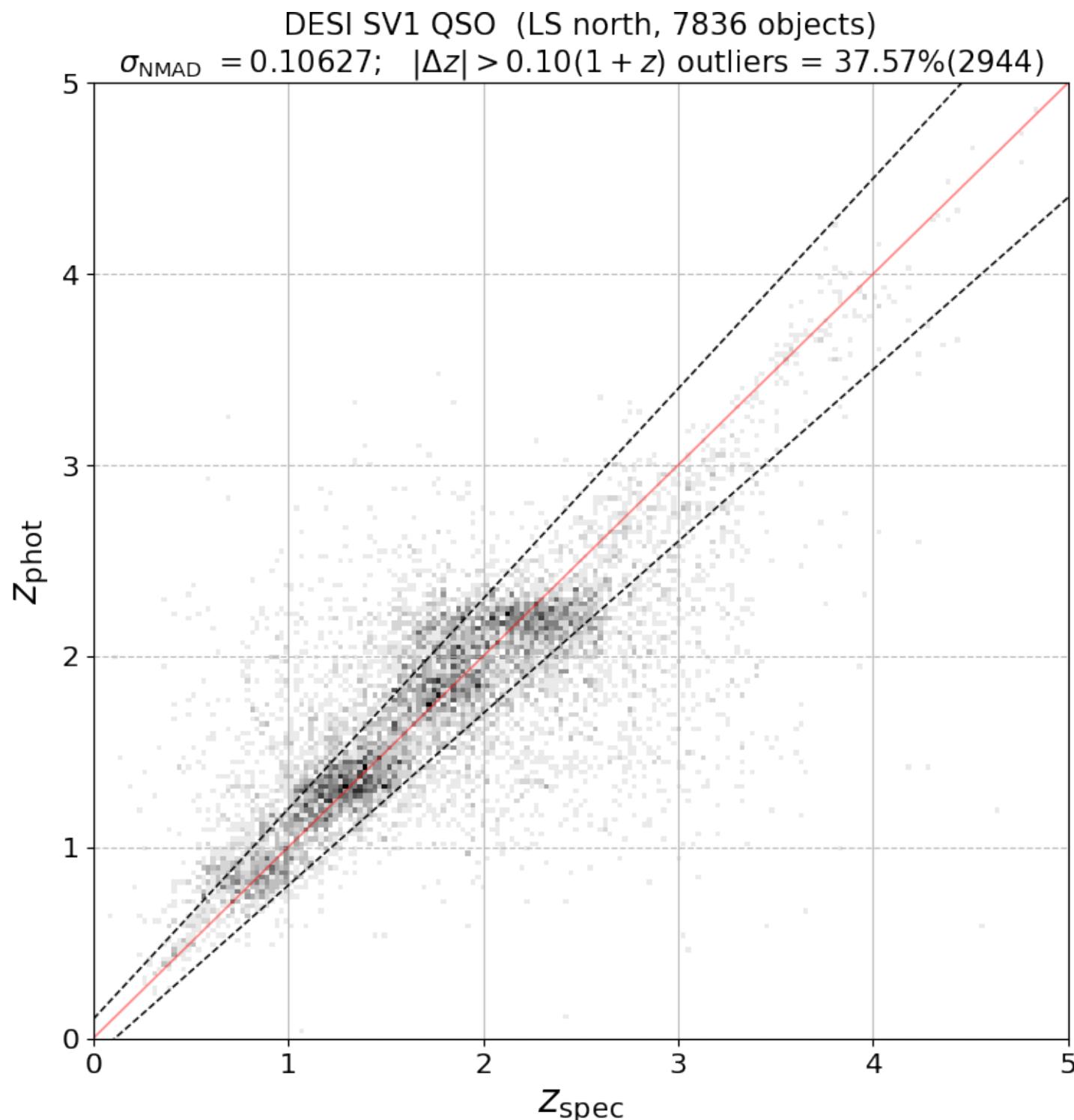
$\sigma_{\text{NMAD}} = 0.11823$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 41.15% (7298)



# DESI SV1 ELG zmag<21 (LS north, 779 objects)

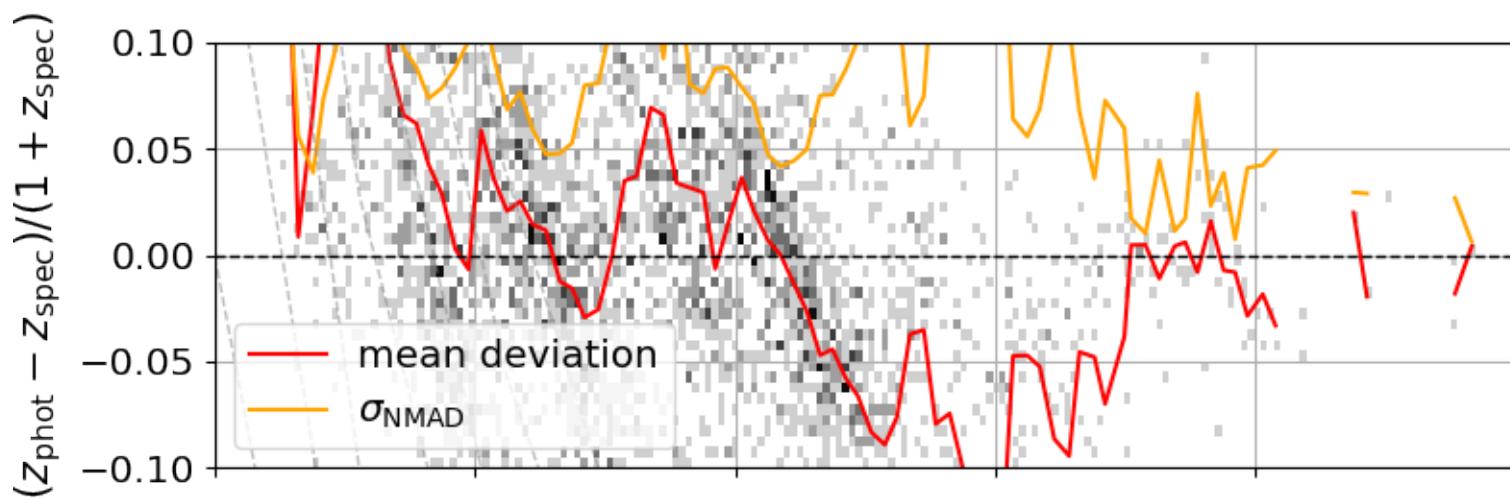
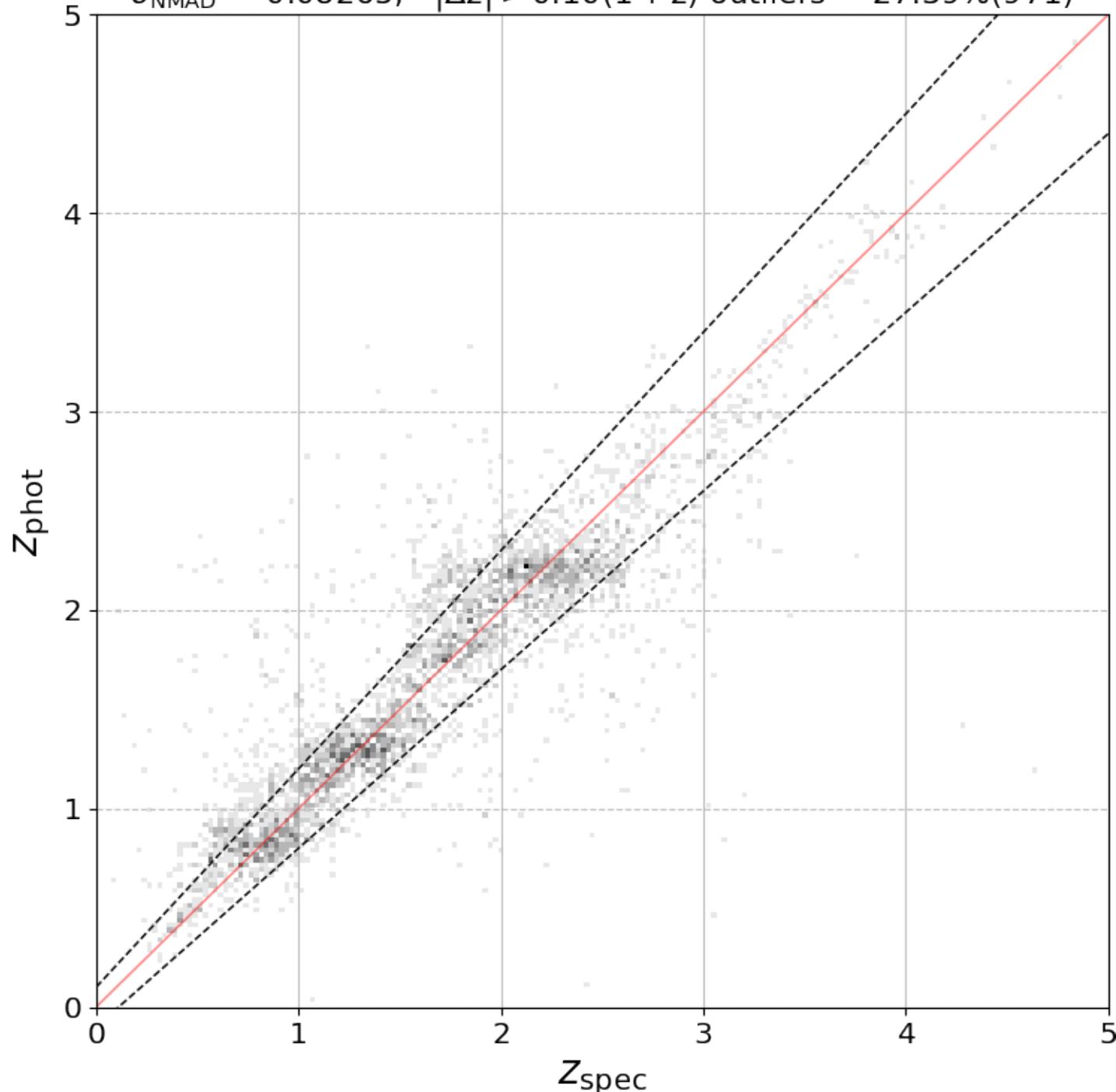
$\sigma_{\text{NMAD}} = 0.05531$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 18.74%(146)





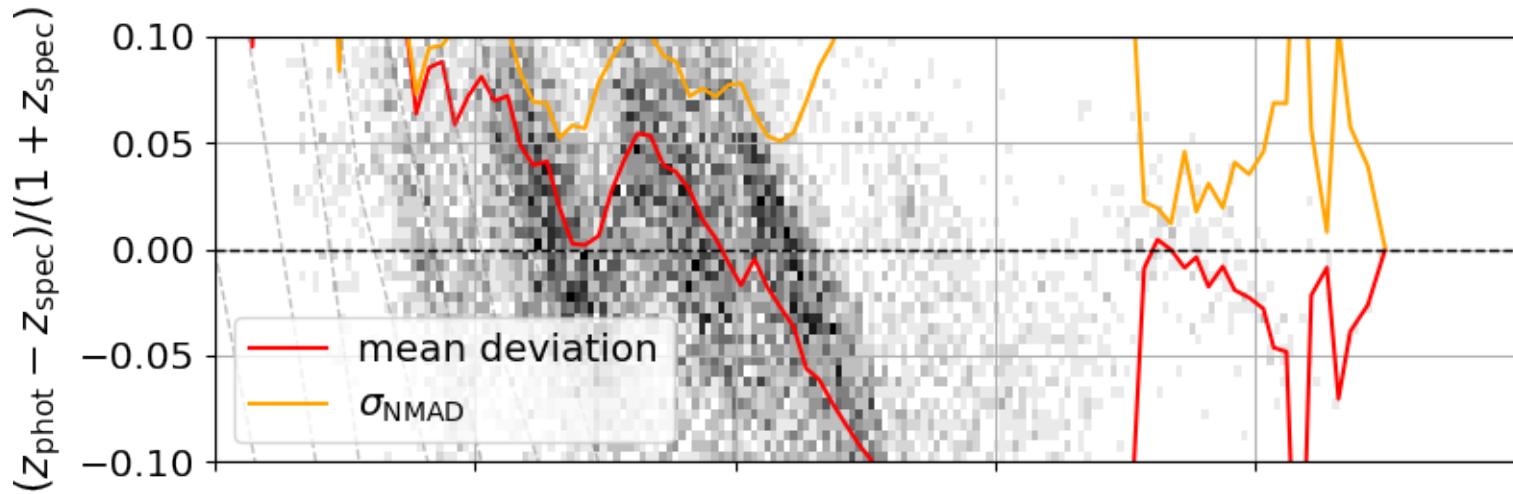
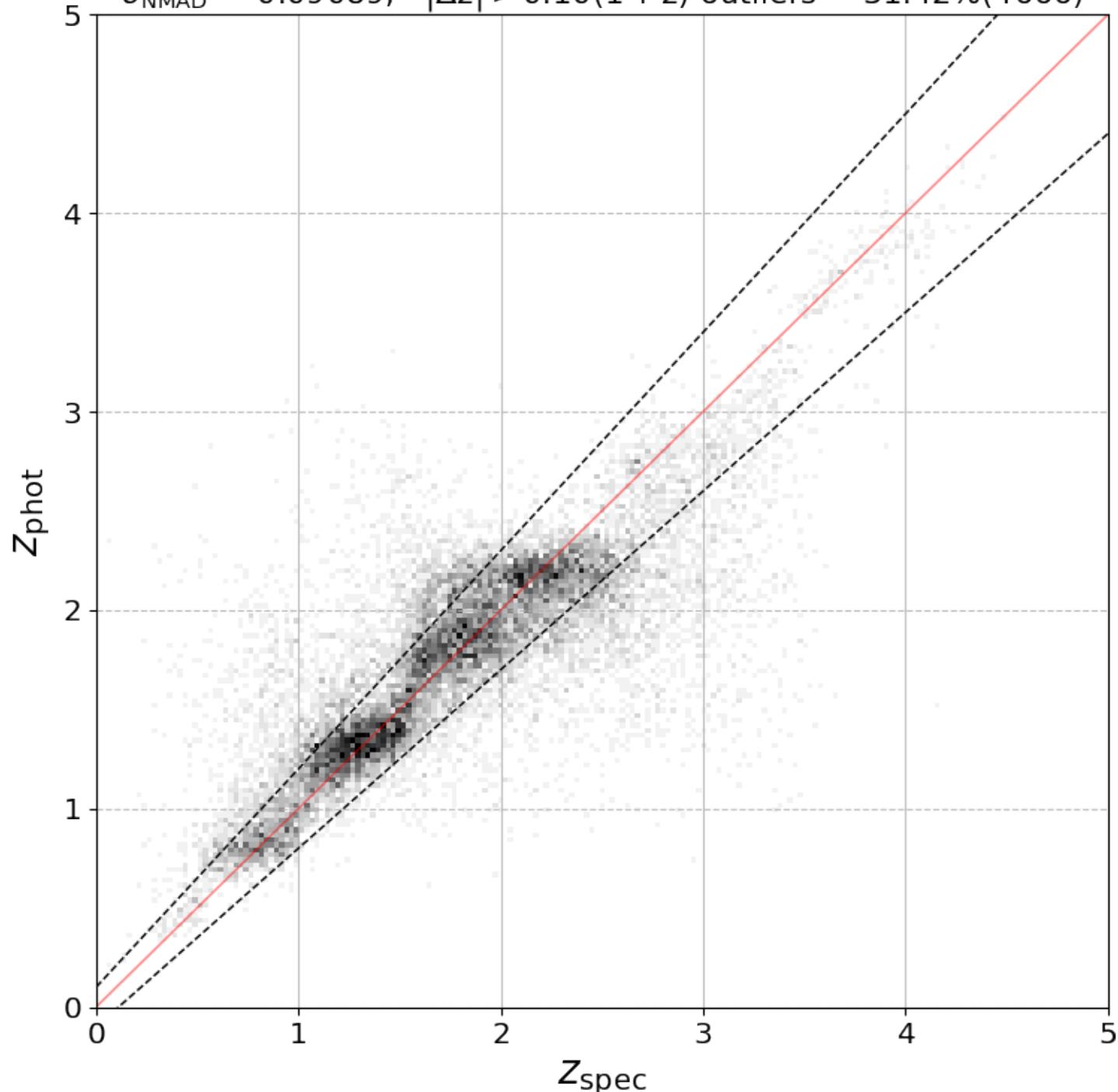
DESI SV1 QSO zmag<21 (LS north, 3545 objects)

$\sigma_{\text{NMAD}} = 0.08265$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 27.39%(971)



# DESI SV3 QSO (LS north, 14852 objects)

$\sigma_{\text{NMAD}} = 0.09089$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 31.42% (4666)



DESI SV3 QSO zmag<21 (LS north, 7342 objects)

$\sigma_{\text{NMAD}} = 0.07542$ ;  $|\Delta z| > 0.10(1 + z)$  outliers = 24.38%(1790)

