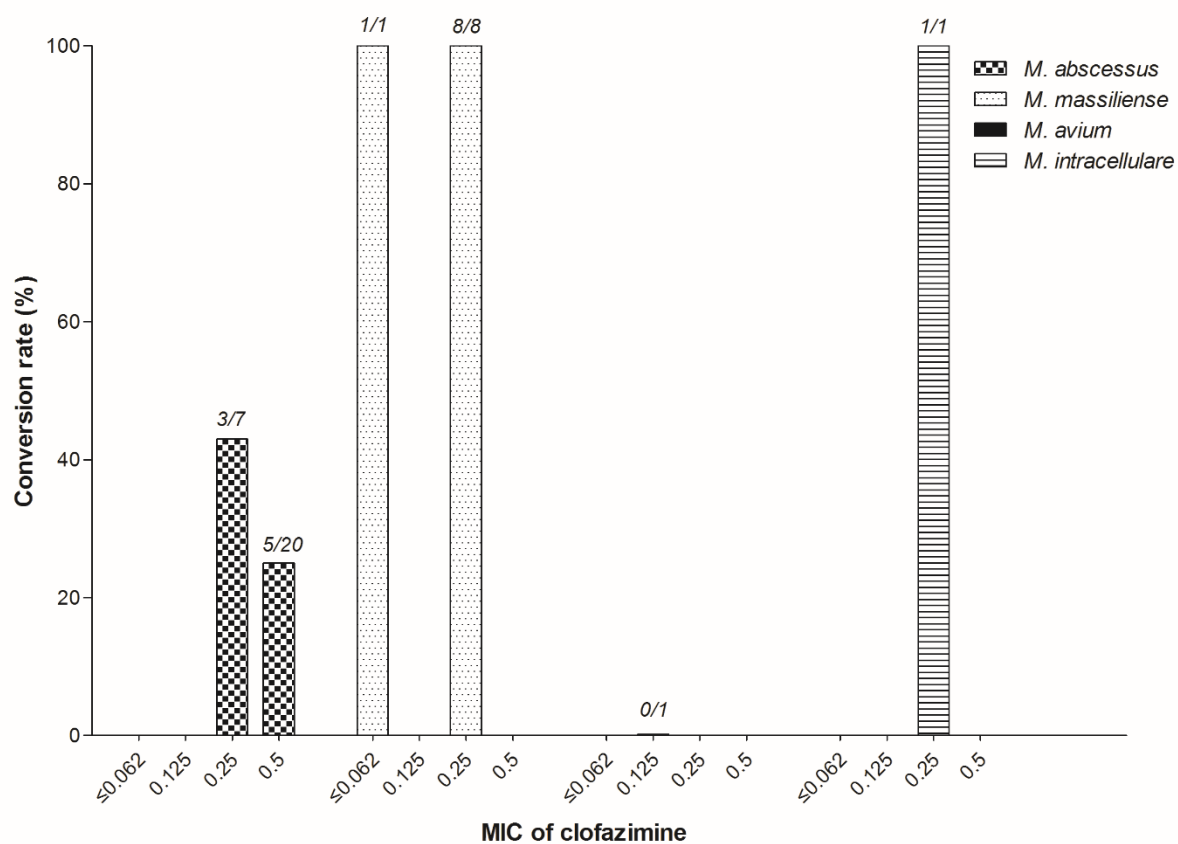
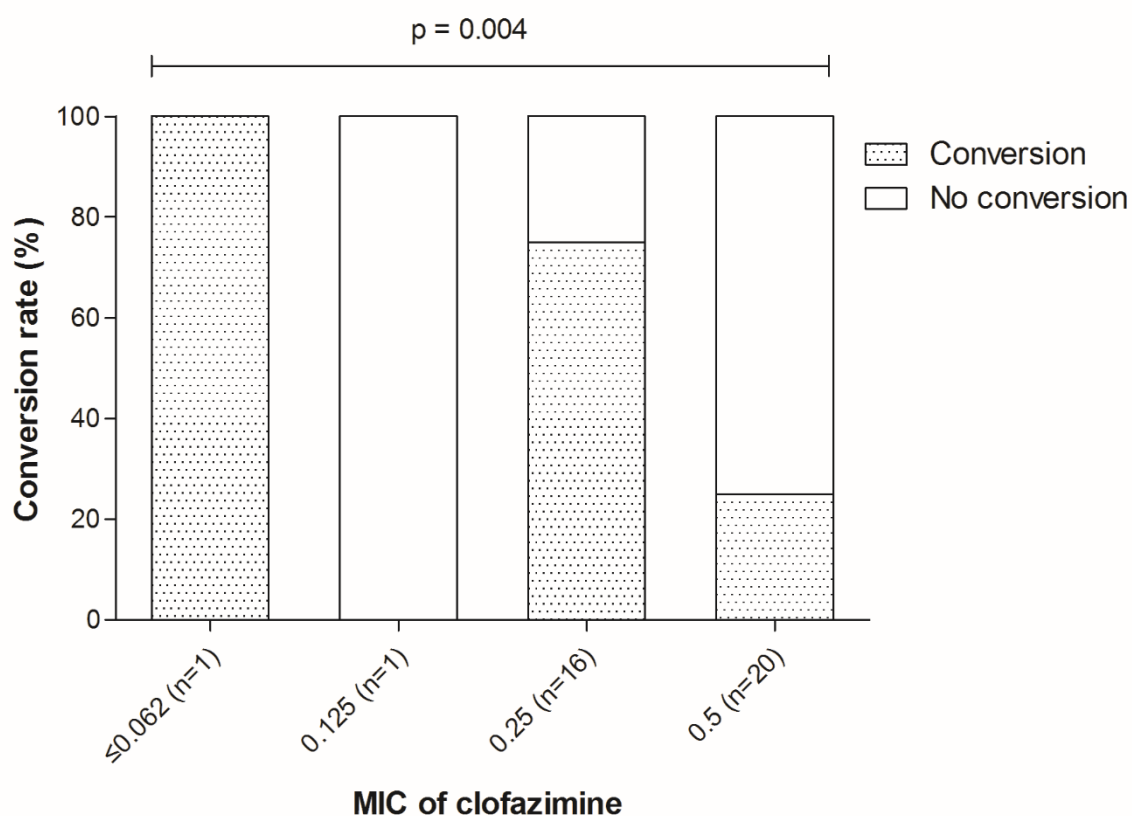




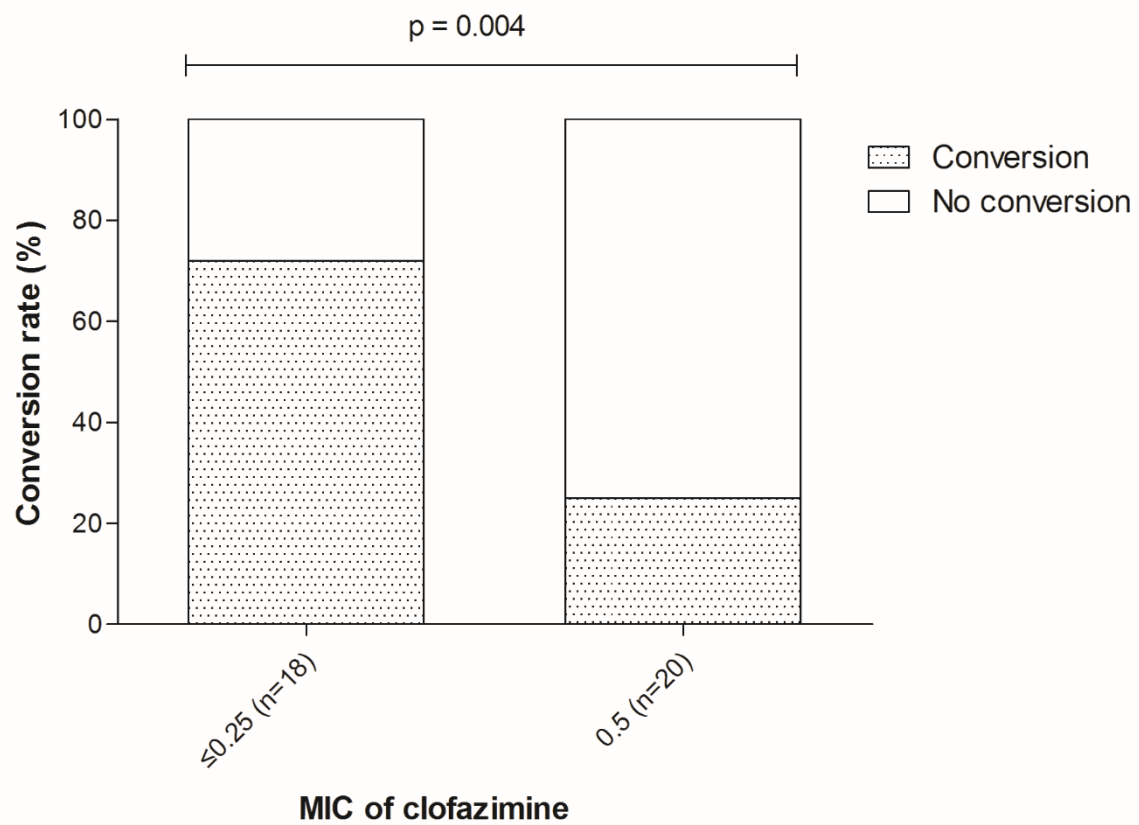
## Supplement data



**Figure S1.** Culture conversion rate after 12 months of treatment in NTM-PD patients without drug-resistant isolates according to MIC value of clofazimine and NTM species (n=38).



**Figure S2. A** Culture conversion rate after 12 months of treatment in NTM-PD patients without drug-resistant isolates according to MIC value of clofazimine, regardless of NTM species (n=38).



**Figure S2. B** Culture conversion rate after 12 months of treatment in NTM-PD patients without drug-resistant isolates according to clofazimine MIC of 0.25 µg/ml, regardless of NTM species (n=38).

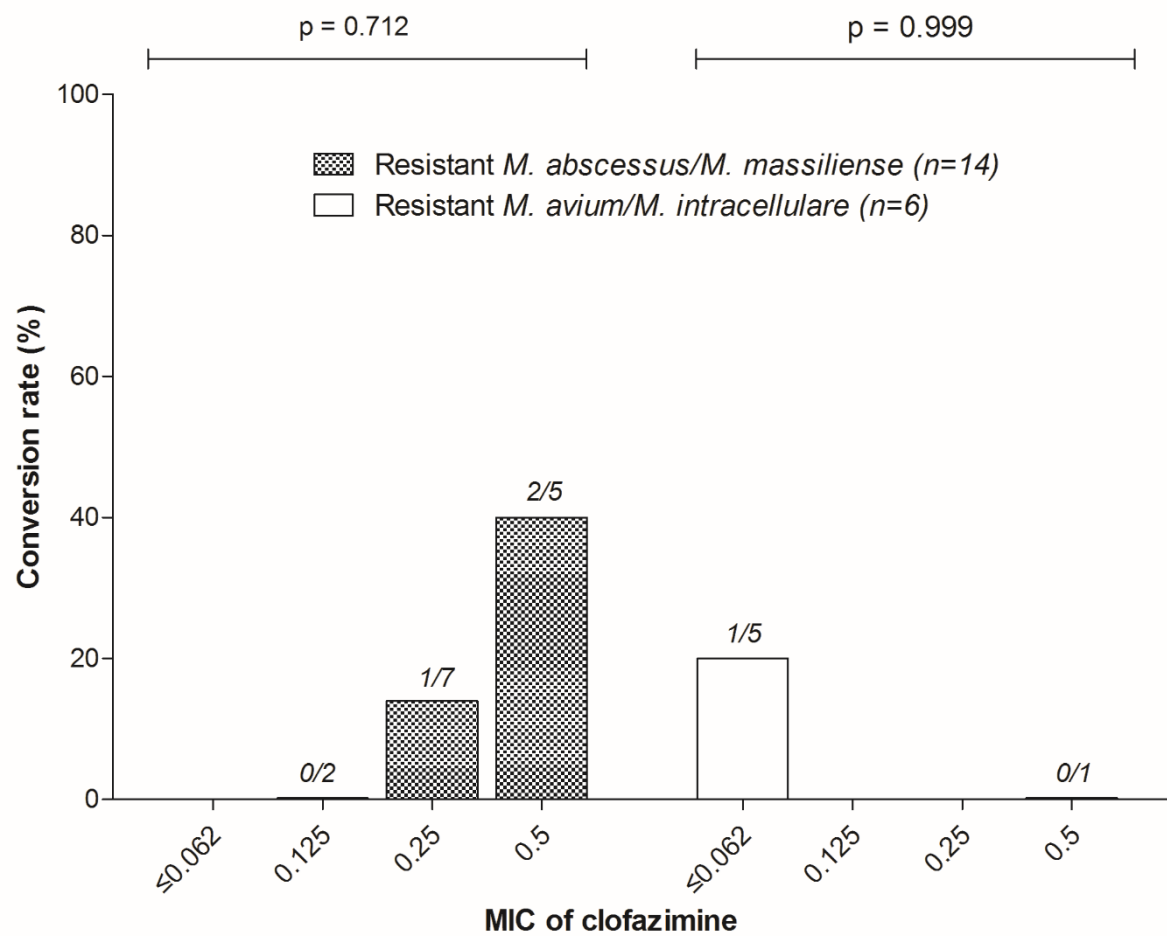
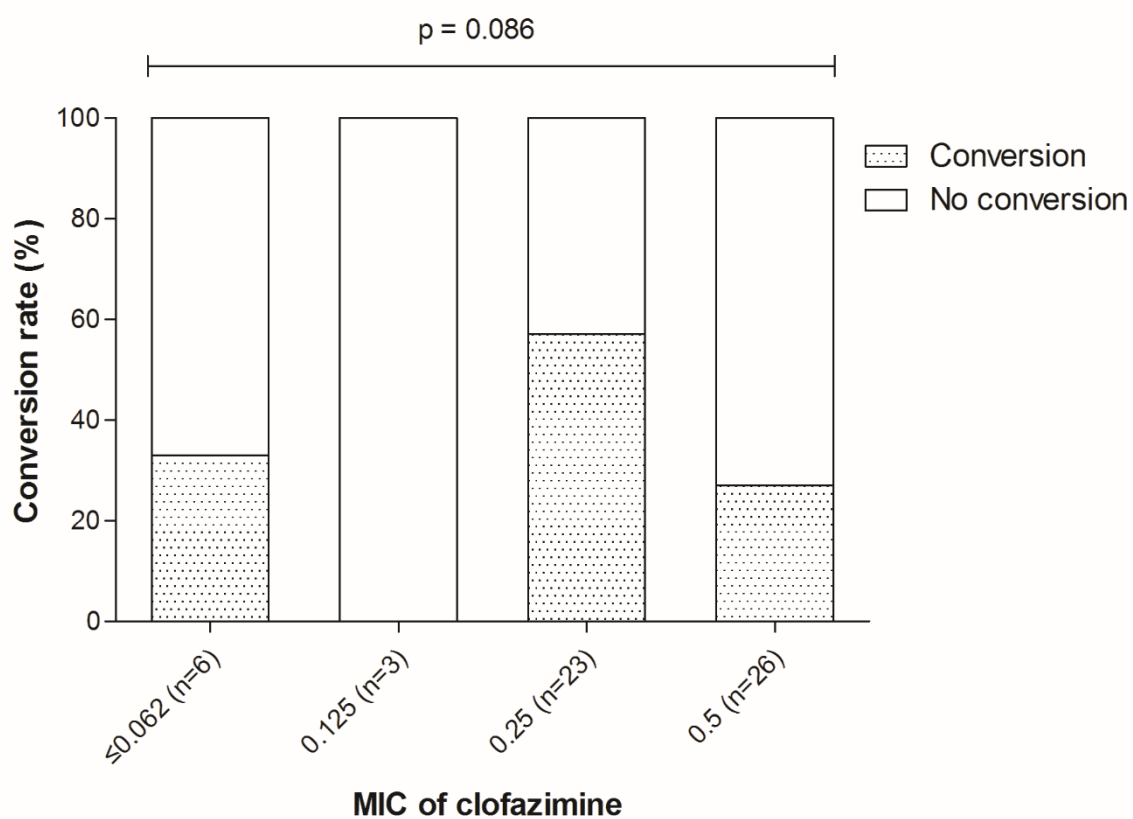
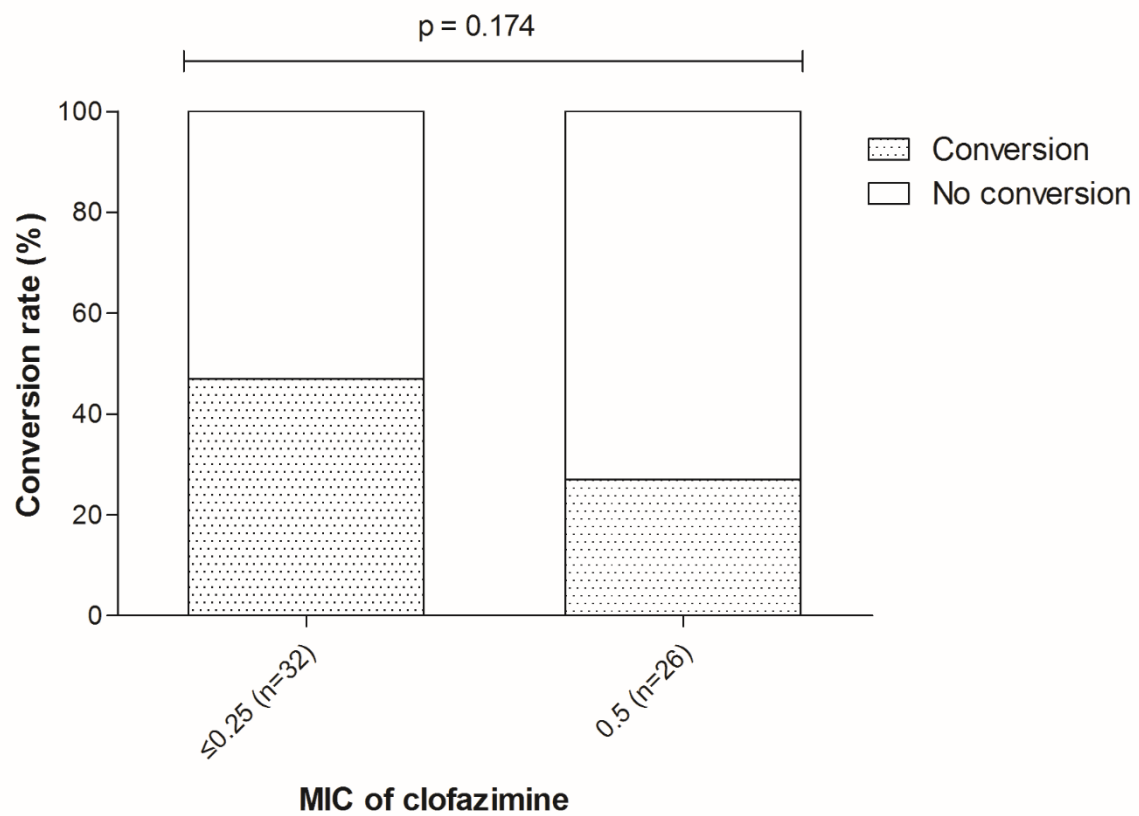


Figure S3. Culture conversion rate after 12 months of treatment in NTM-PD patients with drug-resistant isolates (n=20).



**Figure S4. A** Culture conversion rate after 12 months of treatment in all study patients according to MIC value of clofazimine, regardless of NTM species (n=58).



**Figure S4. B** Culture conversion rate after 12 months of treatment in all study patients according to clofazimine MIC of 0.25  $\mu\text{g/ml}$ , regardless of NTM species (n=58).

**Table S1.** Companion drugs used with clofazimine.

Variables	Number (%)
<i>M. abscessus</i> (n=27)	
Companion drugs used with clofazimine	
Azithromycin	27 (100)
Amikacin injection	23 (85)
Inhaled amikacin	23 (85)
Imipenem	21 (78)
Tigecycline	9 (33)
Linezolid	7 (26)
Cefoxitin	6 (22)
Ethambutol	2 (7)
Rifamycin	2 (7)
<i>M. massiliense</i> (n=9)	
Companion drugs used with clofazimine	
Azithromycin	9 (100)
Inhaled amikacin	9 (100)
Amikacin injection	6 (67)
Imipenem	4 (44)
Cefoxitin	1 (11)
<i>M. avium</i> (n=1)	
Azithromycin	1 (100)
Ethambutol	1 (100)
Moxifloxacin	1 (100)
<i>M. intracellulare</i> (n=1)	
Azithromycin	1 (100)
Ethambutol	1 (100)
Inhaled amikacin	1 (100)
Drug-resistant <i>M. abscessus</i> or <i>M. massiliense</i> (n=14) <sup>‡</sup>	
Azithromycin	14 (100)
Inhaled amikacin	10 (71)
Amikacin injection	9 (64)
Imipenem	7 (50)
Linezolid	7 (50)
Cefoxitin	5 (36)
Tigecycline	2 (14)
Drug-resistant <i>M. intracellulare</i> or <i>M. avium</i> (n=6) <sup>‡</sup>	
Ethambutol	6 (100)
Azithromycin	5 (83)
Inhaled amikacin	5 (83)
Rifamycin	3 (50)
Linezolid	2 (33)
Amikacin injection	1 (17)
Cefoxitin	1 (17)
Imipenem	1 (17)
Tigecycline	1 (17)
Isoniazid	1 (17)
Moxifloxacin	1 (17)

<sup>‡</sup>Strains resistant to macrolide or aminoglycoside or both.

**Table S2.** Factors associated with culture conversion in patients treated with clofazimine-containing regimens (n=58).

Variable	Univariable		Multivariable	
	Unadjusted HR (95% CI)	p value	Adjusted HR (95% CI)	p value
Age <65 years	1.510 (0.590-3.863)	0.390	1.129 (0.381-3.345)	0.826
Female	0.431 (0.146-1.275)	0.128	-	-
Body mass index ≥18.5 kg/m <sup>2</sup>	0.818 (0.334-2.008)	0.662	0.869 (0.275-2.750)	0.812
Never smoker	1.706 (0.577-5.044)	0.334	-	-
No previous pulmonary tuberculosis	1.310 (0.566-3.032)	0.529	1.626 (0.530-4.993)	0.396
Etiology				
<i>M. abscessus</i>	Reference		Reference	
<i>M. massiliense</i>	3.143 (1.297-7.618)	0.011	2.130 (0.439-10.342)	0.348
MAC	0.846 (0.185-3.864)	0.830	0.221 (0.022-2.215)	0.199
Negative sputum acid-fast bacilli smear	2.007 (0.0855-4.712)	0.110	1.103 (0.388-3.140)	0.854
<b>No cavity</b>	<b>0.977 (0.410-2.331)</b>	<b>0.958</b>	<b>4.273 (1.009-18.089)</b>	<b>0.049</b>
MIC of clofazimine, µg/ml				
≥0.5	Reference		Reference	
≤0.25	2.001 (0.815-4.914)	0.130	2.545 (0.587-11.031)	0.212
Macrolide resistance				
Resistant	Reference		Reference	
Inducible resistance	1.665 (0.430-6.440)	0.460	2.775 (0.332-23.160)	0.346
<b>Susceptible</b>	<b>4.582 (1.287-16.312)</b>	<b>0.019</b>	<b>7.515 (1.164-48.512)</b>	<b>0.034</b>
Intravenous amikacin use, days	0.983 (0.958-1.009)	0.195	0.874 (0.938-1.011)	0.163
Elevated erythrocyte sedimentation rate*	0.481 (0.112-2.061)	0.324	0.896 (0.173-4.638)	0.896

HR: hazard ratio; CI: confidential interval; MAC: *Mycobacterium avium* complex; MIC: minimum inhibitory concentration.

\*Erythrocyte sedimentation rate &gt;15 mm/h (men) or &gt;20 mm/h (women).