

# R Consortium R Submission Pilot 3 - Summary Tables and Figures

Pilot 3 Team

2023-08-17

Note : In Pilot 3, following the same approach as Pilot1, different open-source packages were used when generating each of the 4 analysis outputs to test wider use case scenarios. The outputs were formatted differently intentionally to cover different company specific formatting choices.

Table 14-2.01

## Summary of Demographic and Baseline Characteristics

Protocol: CDISCPIL0T01

Population: Intent-to-Treat

	Placebo (N=86)	Xanomeline Low Dose (N=84)	Xanomeline High Dose (N=84)
Age			
Mean (sd)	75.21 (8.59)	75.67 (8.29)	74.38 (7.89)
Median	76.00	77.50	76.00
Min - Max	52.00 - 89.00	51.00 - 88.00	56.00 - 88.00
Pooled Age Group 1			
<65	14	8	11
65-80	42	47	55
>80	30	29	18
Race			
WHITE	78	78	74
BLACK OR AFRICAN AMERICAN	8	6	9
AMERICAN INDIAN OR ALASKA NATIVE	0	0	1
Baseline Height (cm)			
Mean (sd)	162.57 (11.52)	163.43 (10.42)	165.82 (10.13)
Median	162.60	162.60	165.10
Min - Max	137.20 - 185.40	135.90 - 195.60	146.10 - 190.50
Baseline Weight (kg)			
Mean (sd)	62.76 (12.77)	67.28 (14.12)	70.00 (14.65)
Median	60.55	64.90	69.20
Min - Max	34.00 - 86.20	45.40 - 106.10	41.70 - 108.00
Baseline BMI (kg/m <sup>2</sup> )			
Mean (sd)	23.64 (3.67)	25.06 (4.27)	25.35 (4.16)
Median	23.40	24.30	24.80
Min - Max	15.10 - 33.30	17.70 - 40.10	13.70 - 34.50
MMSE Total			
Mean (sd)	18.05 (4.27)	17.87 (4.22)	18.51 (4.16)
Median	19.50	18.00	20.00
Min - Max	10.00 - 23.00	10.00 - 24.00	10.00 - 24.00

Program: tlf\_demographic.R

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**Table 14-3.01**

**Primary Endpoint Analysis: ADAS Cog (11) - Change from Baseline to Week 24 - LOCF**

Table 14-3.01  
Primary Endpoint Analysis: ADAS Cog (11) - Change from Baseline to Week 24 - LOCF

	Placebo (N=79)	Xanomeline Low Dose (N=81)	Xanomeline High Dose (N=74)

Baseline			
n	79	81	74
Mean (SD)	24.1 (12.19)	24.4 (12.92)	21.3 (11.74)
Median (Range)	21.0 ( 5;61)	21.0 ( 5;57)	18.0 ( 3;57)
Week 24			
n	79	81	74
Mean (SD)	26.8 (13.78)	26.5 (13.30)	22.7 (12.54)
Median (Range)	24.0 ( 5;62)	25.0 ( 6;62)	20.0 ( 3;62)
Change from Baseline			
n	79	81	74
Mean (SD)	2.6 ( 5.83)	2.0 ( 5.62)	1.4 ( 4.40)
Median (Range)	2.0 (-11;16)	2.0 (-11;17)	1.0 ( -7;14)
p-value(Dose Response) [1][2]			0.187

[1] Based on Analysis of covariance (ANCOVA) model with treatment and site group as factors and baseline value as a covariate.

[2] Test for a non-zero coefficient for treatment (dose) as a continuous variable

[3] Pairwise comparison with treatment as a categorical variable: p-values without adjustment for multiple comparisons.

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Table 14-3.01  
Primary Endpoint Analysis: ADAS Cog (11) - Change from Baseline to Week 24 - LOCF

	Placebo (N=79)	Xanomeline Low Dose (N=81)	Xanomeline High Dose (N=74)
p-value(Xan - Placebo) [1][3]		0.534	0.173
Diff of LS Means (SE)		-0.5 (0.83)	-1.2 (0.86)
95% CI		(-2.2;1.1)	(-2.9;0.5)
p-value(Xan High - Xan Low) [1][3]			0.446
Diff of LS Means (SE)			-0.6 (0.85)
95% CI			(-2.3;1.0)

[1] Based on Analysis of covariance (ANCOVA) model with treatment and site group as factors and baseline value as a covariate.  
[2] Test for a non-zero coefficient for treatment (dose) as a continuous variable  
[3] Pairwise comparison with treatment as a categorical variable: p-values without adjustment for multiple comparisons.  
Source: <run interactively>17:15 Friday, August 11, 2023

**Table 14-3.02**

**Primary Endpoint Analysis: Glucose (mmol/L) - Summary at Week 20 - LOCF**

# ANCOVA of Change from Baseline at Week 20

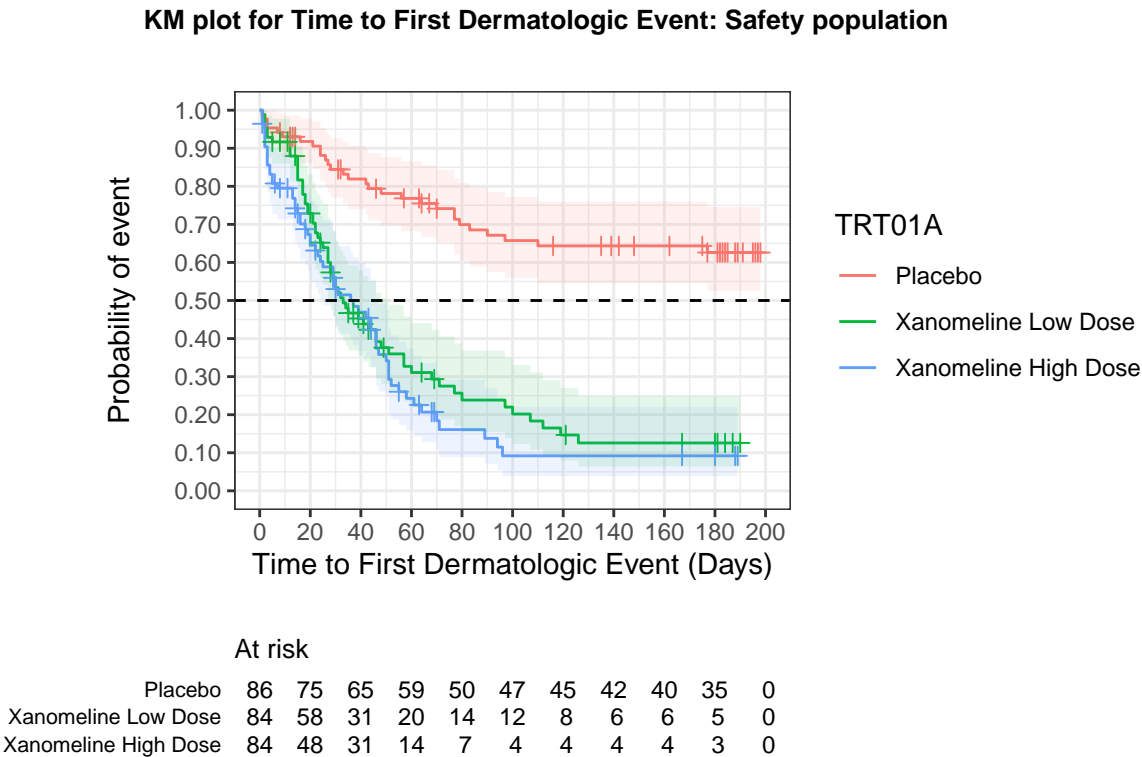
	Baseline <sup>a</sup>		Week 20		Change from Baseline		
Treatment	N	Mean (SD)	N	Mean (SD)	N	Mean (SD)	LS Mean (95% CI) <sup>b</sup>
Xanomeline High Dose	84	5.4 ( 1.34)	31	5.8 ( 1.61)	31	0.2 ( 1.47)	0.16 (-0.31, 0.63)
Placebo	86	5.6 ( 2.14)	65	5.8 ( 1.50)	65	0.1 ( 2.08)	0.09 (-0.23, 0.42)
Pairwise Comparison			Difference in LS Mean (95% CI) <sup>b</sup>			p-Value	
Xanomeline High Dose vs. Placebo			0.07 (-0.50, 0.63)			0.822	
Root Mean Squared Error of Change = 1.30							

Table generated on: 2023-08-11 17:15:28

Source: [pilot3: adam-adsl; adlbc]

Figure 14-1

Time to Dermatologic Event by Treatment Group



Program: tlf\_kmplot.R [2023-08-17 18:25:22]