F tests – ANOVA: Fixed effects, omnibus, one-way

Analysis:	A priori: Compute required sample size		
Input:	Effect size f	=	0.1428571
	α err prob	=	0.05
	Power (1−β err prob)	=	0.80
	Number of groups	=	3
Output:	Noncentrality parameter λ	=	9.7346880
	Critical F	=	3.0147457
	Numerator df	=	2
	Denominator df	=	474
	Total sample size	=	477
	Actual power	=	0.8016784