Two-Step Kernel Method Power Analysis (Dist1=Canberra, Dist2=Canberra): 20 Cell Types with 4 Rare Cell Types

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0.1 Zero Imputation Method vs Two-Step Kernel Method (Dist1 = Canberra, Dist 2 = Canberra) for 20 Cell Types with 4 Rare Cell Types.

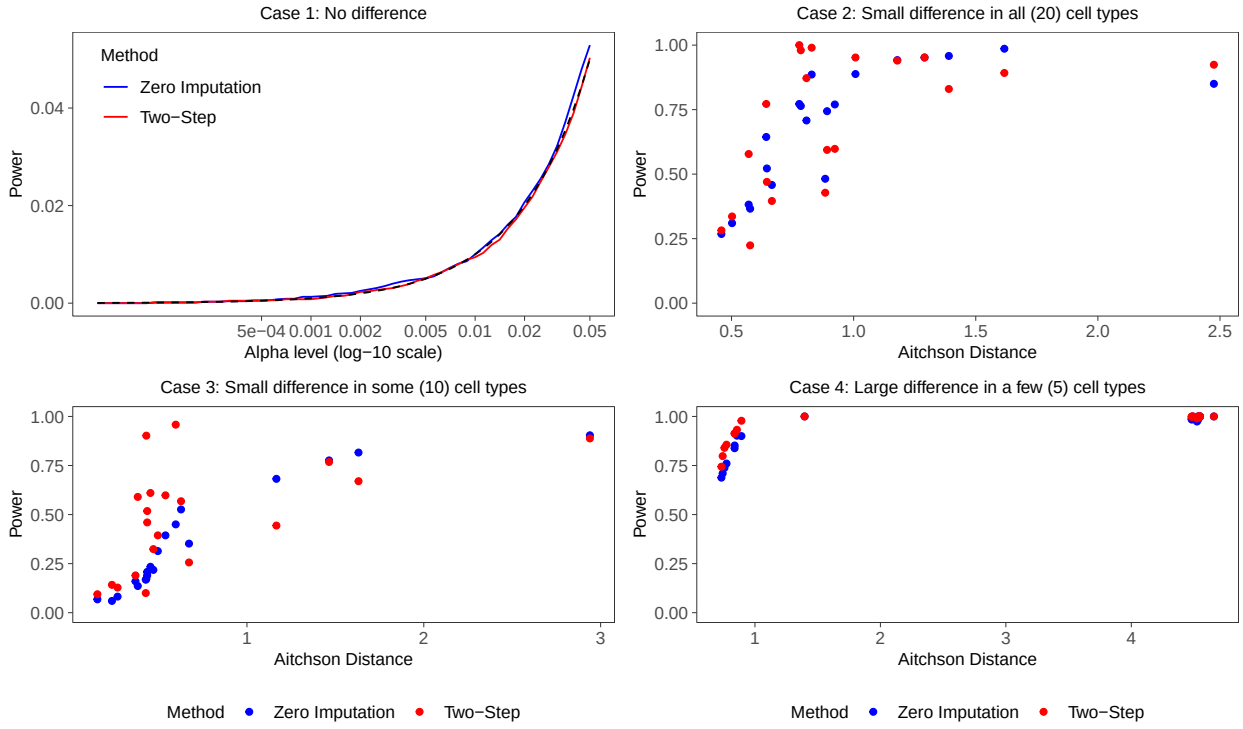

Figure 1: Type I error and power plots for zero-imputation method and two-step kernel method (Dist1 = Canberra, Dist 2 = Canberra). Maxeffects used were: case 2 = 0.004, case 3 = 0.004 and case 4 = 0.009

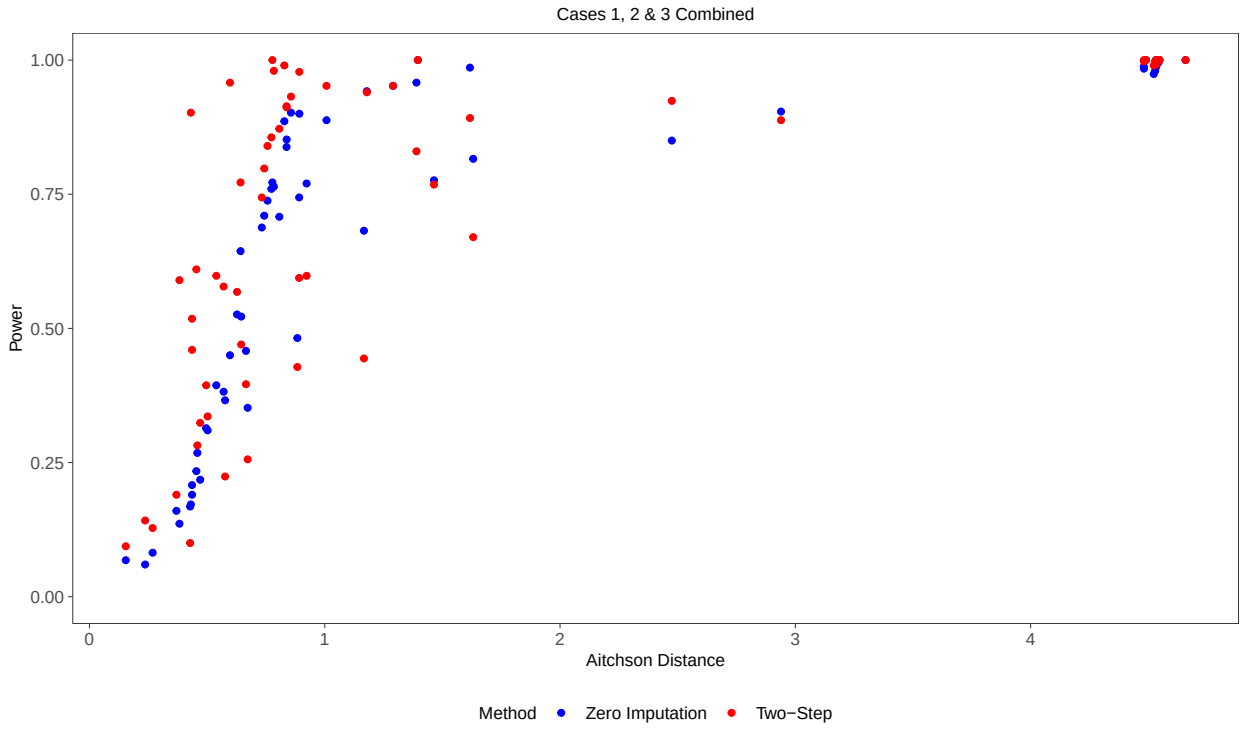

Figure 2: Power plot for all 3 cases for zero-imputation method and two-step kernel method (Dist1 = Canberra, Dist 2 = Canberra). Maxeffects used were: case 2 = 0.004, case 3 = 0.004 and case 4 = 0.009

0.2 Zero Imputation Method vs Two-Step Kernel Method (Dist1 = Canberra, Dist 2 = Canberra) for 20 Cell Types with 4 Rare Cell Types.

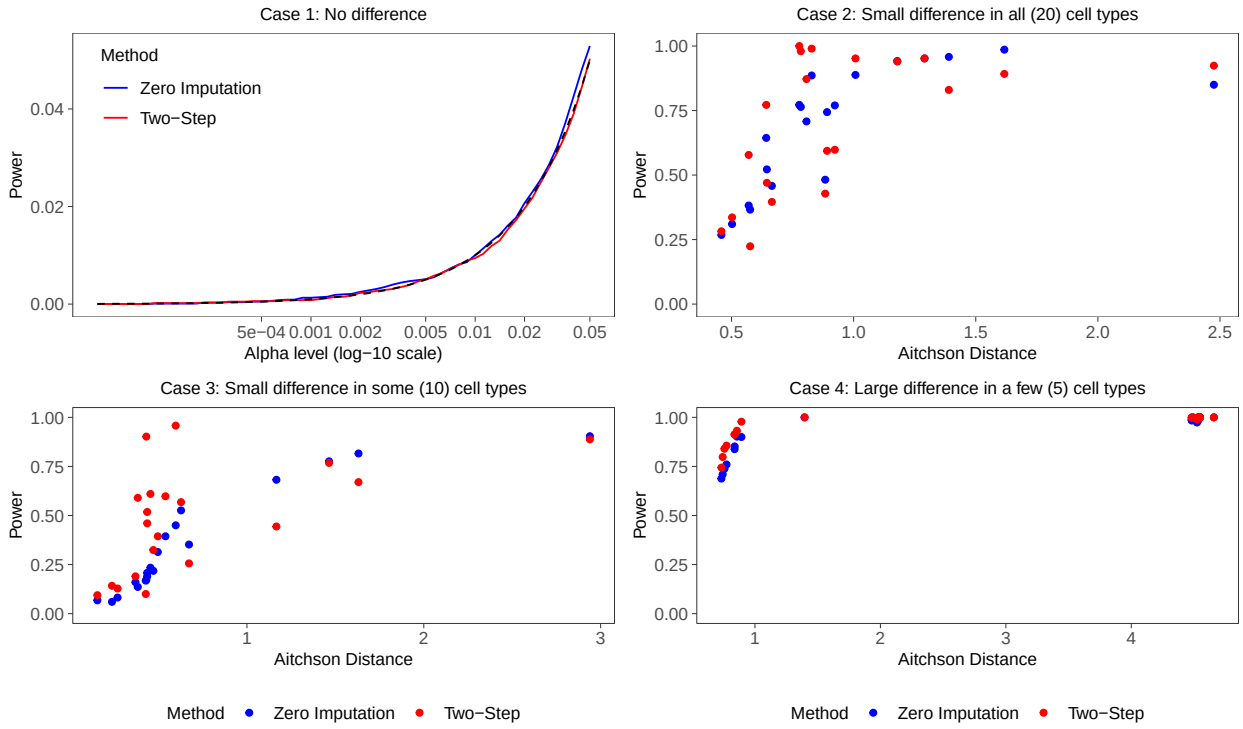

Figure 3: Type I error and power plots for zero-imputation method and two-step kernel method (Dist1 = Canberra, Dist 2 = Canberra). Maxeffects used were: case 2 = 0.004, case 3 = 0.004 and case 4 = 0.009

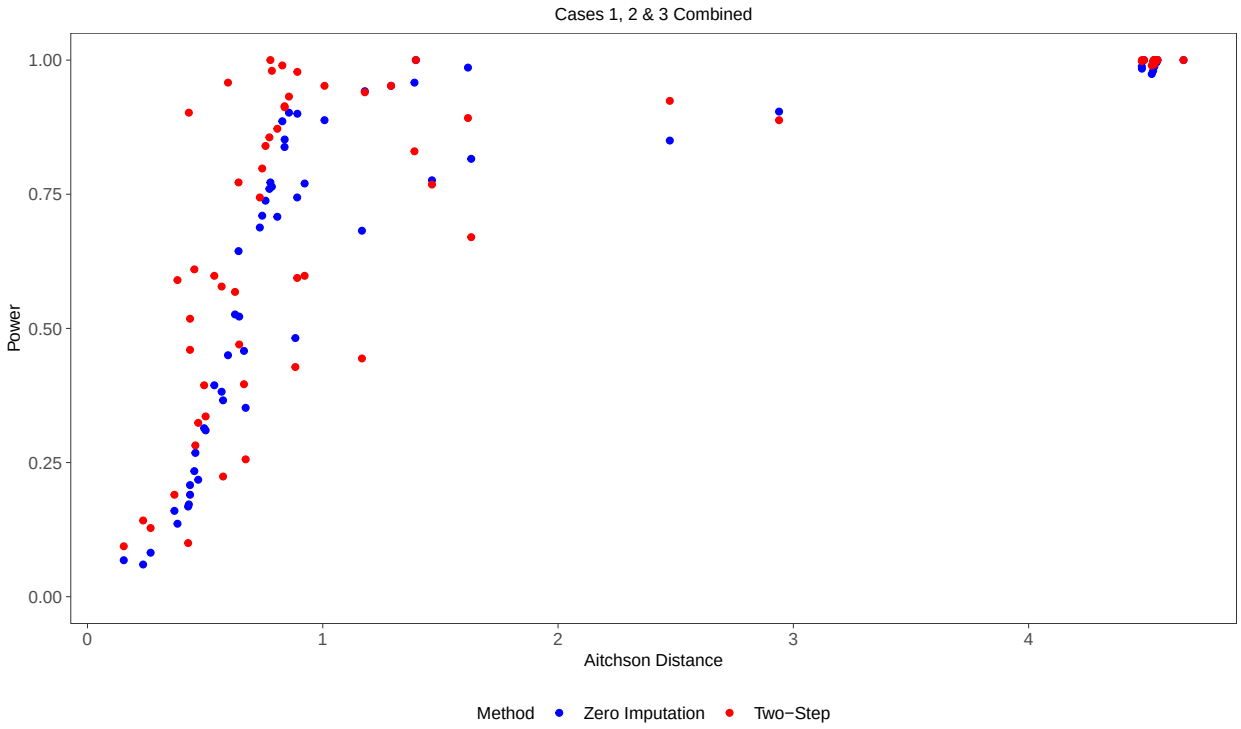

Figure 4: Power plot for all 3 cases for zero-imputation method and two-step kernel method (Dist1 = Canberra, Dist 2 = Canberra). Maxeffects used were: case 2 = 0.004, case 3 = 0.004 and case 4 = 0.009