

The figure is a line plot with 'alpha' on the x-axis (ranging from 0 to 45) and an unlabeled y-axis. The plot displays the relationship between alpha and various weather-related variables. The legend identifies the following series: feelTemp, hum, windspeed, season\_2, season\_3, season\_4, weekday\_1, weekday\_2, weekday\_3, weekday\_4, weekday\_5, weekday\_6, weathersit\_2, and weathersit\_3. The plot shows that as alpha increases, the values for many variables converge to a single horizontal line at y=0.5. Specifically, feelTemp starts high and decreases to 0.5. season\_2, season\_3, season\_4, weekday\_1, weekday\_2, weekday\_3, weekday\_4, weekday\_5, weekday\_6, weathersit\_2, and weathersit\_3 all start at different values and converge to 0.5. hum, windspeed, and weathersit\_3 start at low values and increase to 0.5. The lines for season\_2, season\_3, season\_4, weekday\_1, weekday\_2, weekday\_3, weekday\_4, weekday\_5, weekday\_6, weathersit\_2, and weathersit\_3 are all colored blue, while the lines for feelTemp, hum, windspeed, and weathersit\_3 are colored green.

