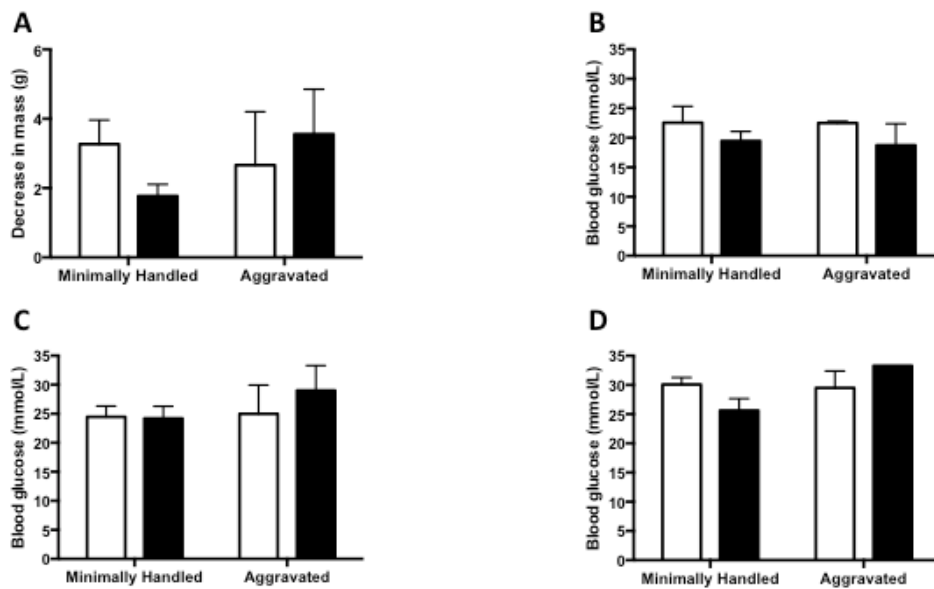


SUPPLEMENTARY DATA

Supplementary Figure 1. Comparison of mass and blood glucose levels of STZ animals, indicating no difference in body condition as a result of two different STZ administration protocols. No significant differences in body mass decreases from time of STZ injections to time of harvest (**A**) were observed as a result of two different STZ administration protocols ($P=0.49$). No significant differences in blood glucose levels at diabetic onset (**B**), pre-injury (**C**), or at time of harvest (**D**), were observed as a result of two different STZ administration protocols ($P=0.89$, $P=0.41$, and $P=0.11$, respectively). White bars indicate STZ-V animals, black bars indicate STZ-PAI-039 animals. All data presented as mean \pm SEM. $N=3-7$ for each bar in A, B, C and D.



SUPPLEMENTARY DATA

Supplementary Figure 2. Presence of collagen I and collagen III in the wound bed, indicating no differences as a result of PAI-039 treatment. No significant differences were seen between V and PAI-039 treated animals in either aggravated (**A, C**) or minimally handled wounds, (**B, D**), indicating that PAI-039 treatment had no effect on collagen I content (**A, B**), or collagen III content (**C, D**). Upon analysis of collagen III content, small but statistically significant differences were seen as a result of diabetes in aggravated (**C**) and minimally handled (**D**) animals. White bars indicate V treatment, black bars indicate PAI-039 treatment. All data presented as mean \pm SEM. n=3-4 for each bar in A, C. n=6-10 for each bar in B, D.

