

**SUPPLEMENTARY MATERIAL**

**Table S1: Hypotheses PGA activity (worsening) and PGA repigmentation (improvement)**

<b>Hypothesis PGA activity (worsening)</b>	<b>Results PGA activity (worsening)</b>	<b>Confirmed (C) or failed (F)</b>
1. We expect a rank correlation coefficient of at least 0.5 between the overall median VDAS <sub>15</sub> and the overall median PGA score.	Rho= 0.956 (95%CI: 0.928-0.973)	C
2. We expect a rank correlation coefficient of at least 0.4 between the overall median PGA and the relative percentage worsening (in %) between 2 time points of the VESplus score (baseline VESplus versus time point 1 VESplus).	Rho= 0.832 (95%CI: 0.736-0.896)	C
3. Patients with an interval of 12 (+-2) months will have more often (majority of cases >50% of all cases) a higher PGA disease activity (worsening) score (median of all raters) than patients with an interval of 6 (+- 2) months.	FU 6 (+/- 2) months: median PGA= 0 FU 12(+/-2) months PGA = median PGA= 2 => more cases higher PGA in 12 months versus 6 months	C
4. We expect that patients with more than 5 involved body locations* will have an at least 10% higher mean PGA* compared to patients with less than 6 involved body locations	N ≤ 5: PGA= 1.4063 N > 5: PGA= 2.00 42.2% higher	C
<b>Hypothesis PGA repigmentation (improvement)</b>	<b>Results PGA repigmentation (improvement)</b>	<b>Confirmed (C) or failed (F)</b>
1. We expect a rank correlation coefficient of at least 0.5 between the PGA (median of all raters) disease improvement score and the VDIS <sub>15</sub> (number of locations with repigmentation, scale 0-15; median of all raters).	Rho= 0.839 (95% CI: 0.746-0.900)	C
2. We expect a rank correlation coefficient of at least 0.4 between the PGA (median of all raters) disease improvement score and the relative percentage improvement (repigmentation) (in %) between 2 time points of the VESplus score (baseline VESplus versus time point 1 VESplus).	Rho= 0.554 (95% CI: 0.353-0.705)	C
3. In patients with an overall (median of all raters) VDIS <sub>15</sub> (number of locations with repigmentation, scale 0-15) of ≥5/15, the answer of the median PGA disease repigmentation score will be at least “slightly improved (or more)” in at least 60%% of cases.	100%	C
4. We expect an inverse rank correlation coefficient of at least 0.4 between the PGA disease improvement score and the	Rho= -0.253 (95% CI: -0.466- -0.012)	F

(median of all raters) VDAS <sub>15</sub> (number of locations with progression, scale 0-15; median of all raters).		
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