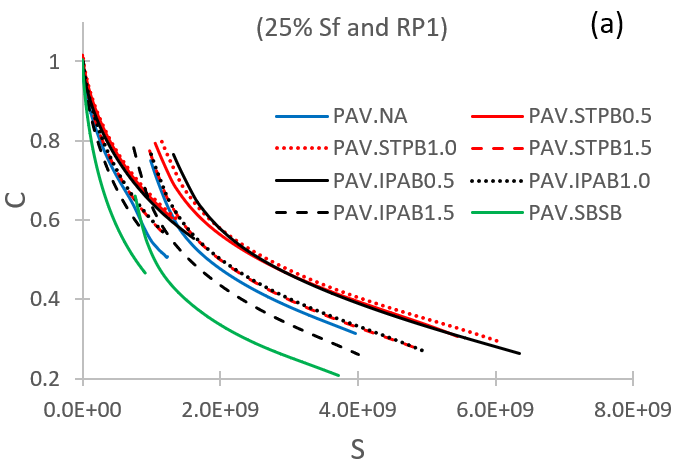
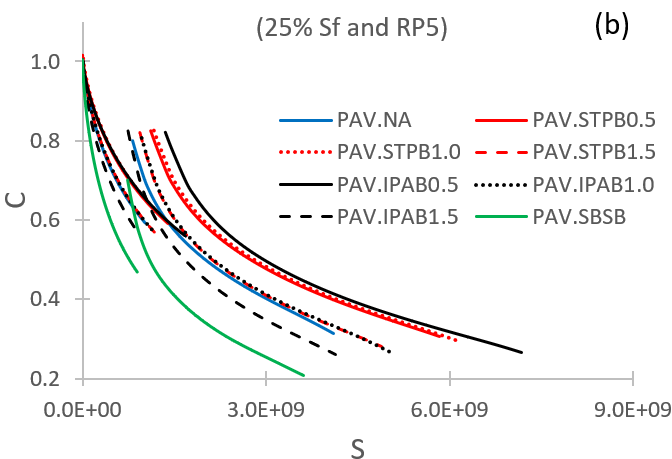
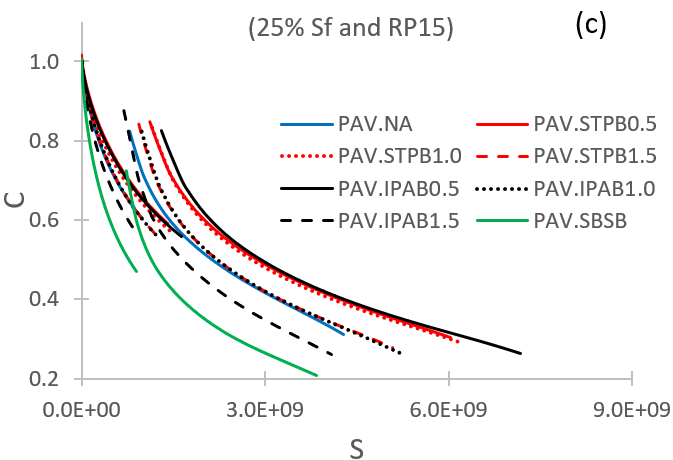
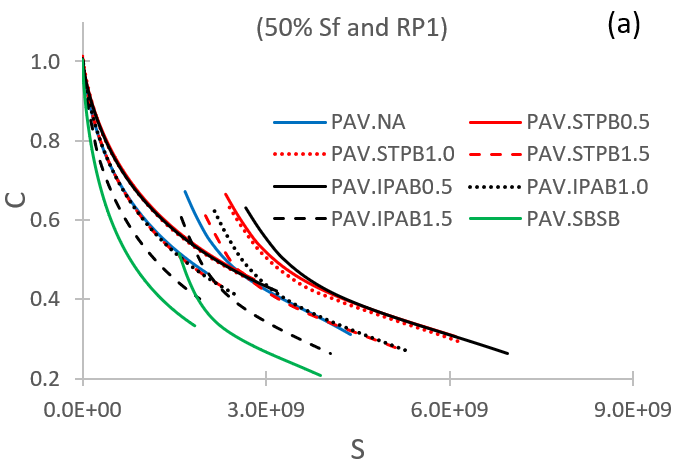
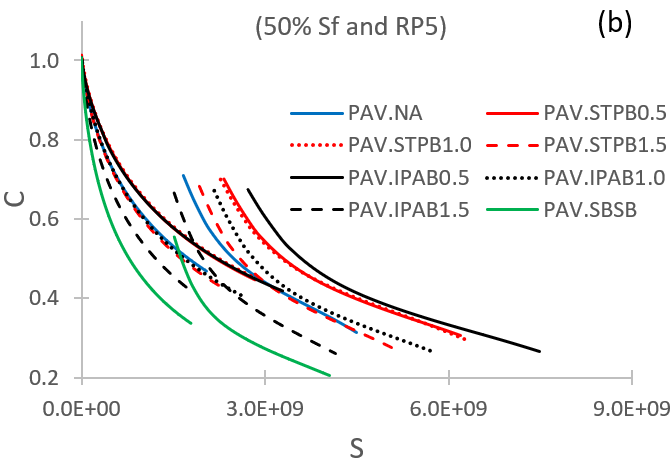
Supplementary materials.

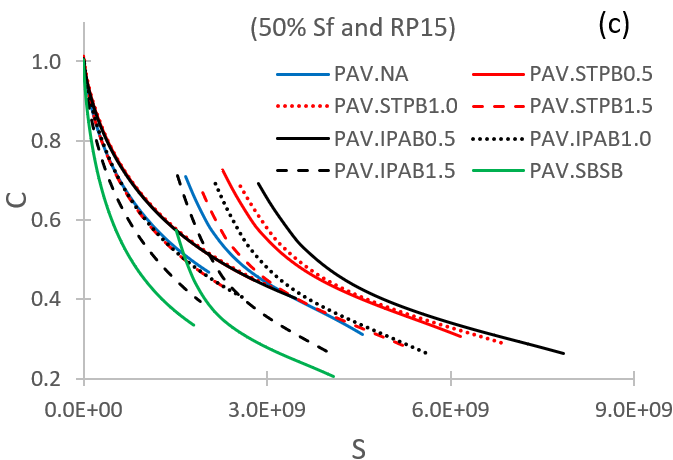
 

 A graph of different colored lines

Description automatically generated

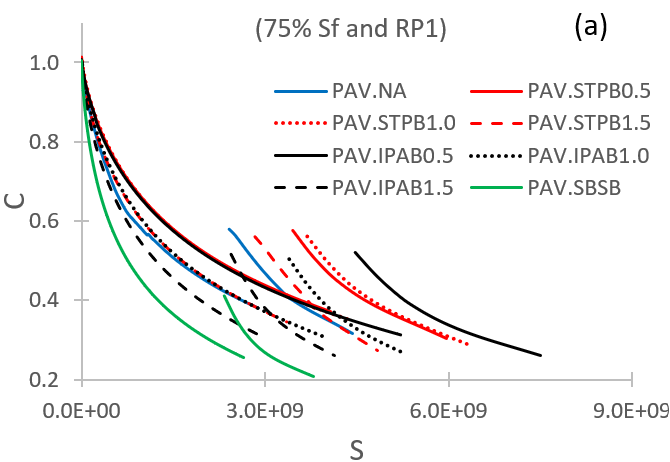
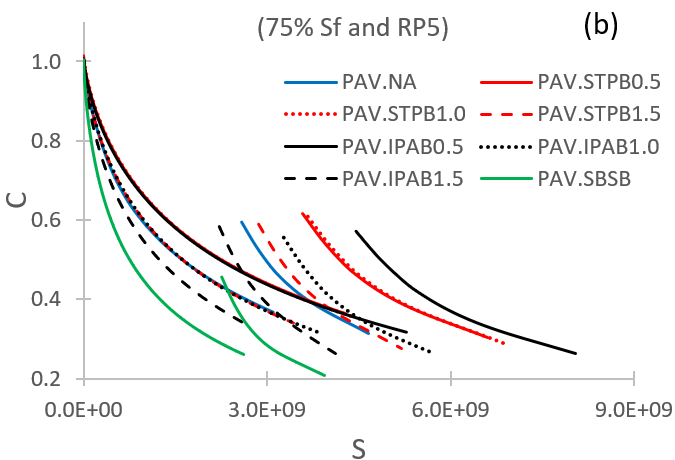
Figure S 1. DCCs related to LASH tests of all bitumens at 25% of : (a) RP1; (b) RP5; (c) RP15; (d) RP30.

 A graph of different colored lines

Description automatically generated

Figure S 2. DCCs related to LASH tests of all bitumens at 50% of : (a) RP1; (b) RP5; (c) RP15; (d) RP30.

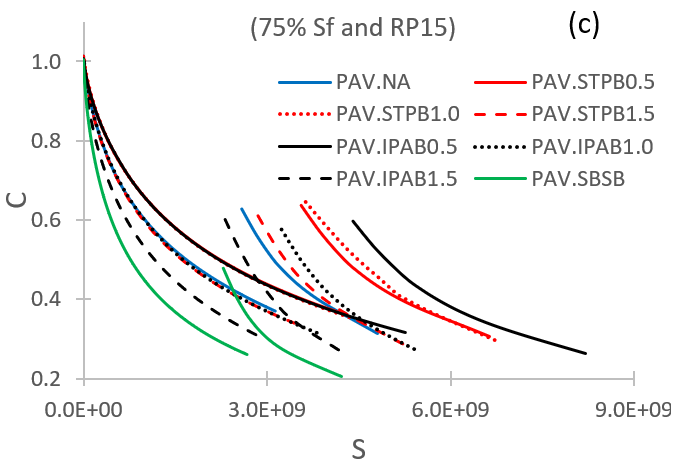
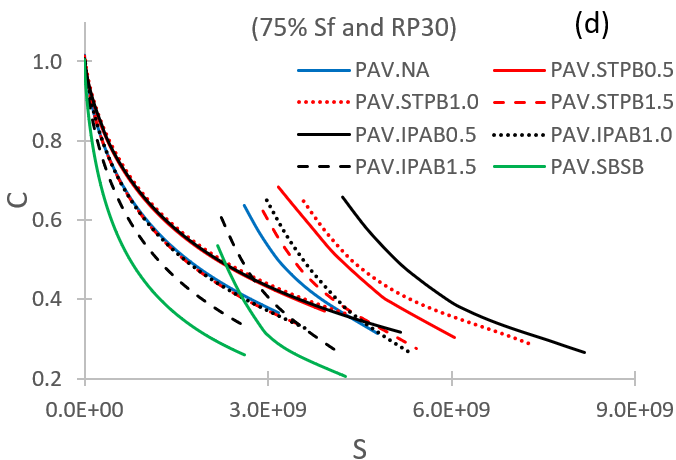
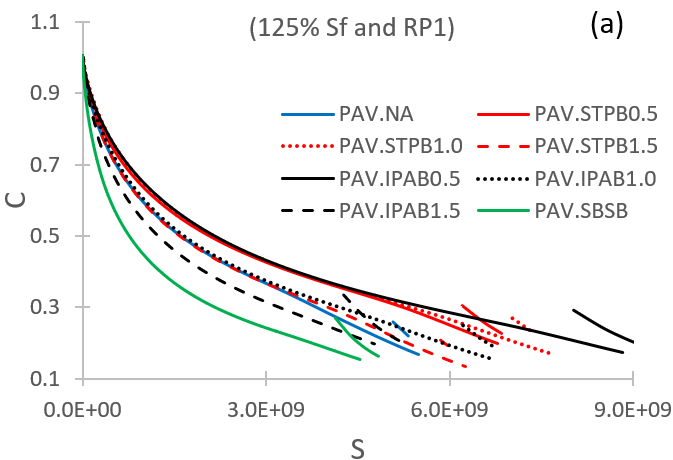
 

Figure S 3. DCCs related to LASH tests of all bitumens at 75% of : (a) RP1; (b) RP5; (c) RP15; (d) RP30.

 A graph of different colored lines

Description automatically generated

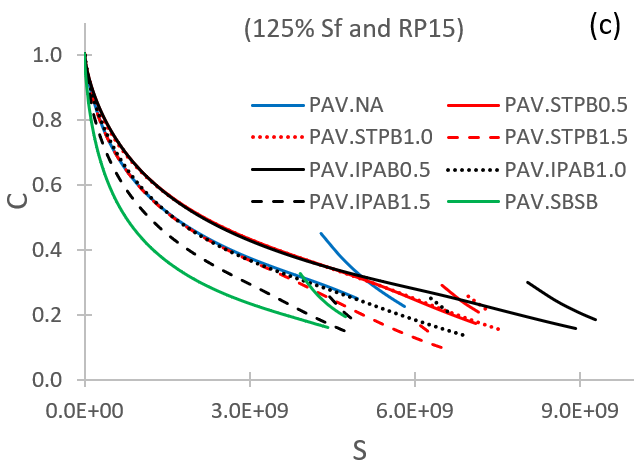
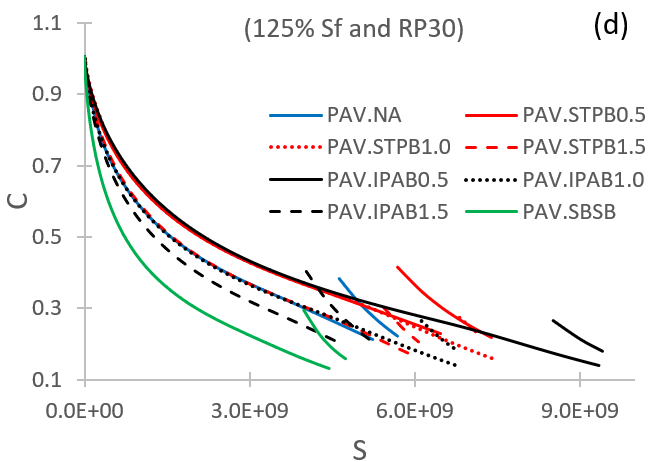
 

Figure S 4. DCCs related to LASH tests of all bitumens at 125% of : (a) RP1; (b) RP5; (c) RP15; (d) RP30.

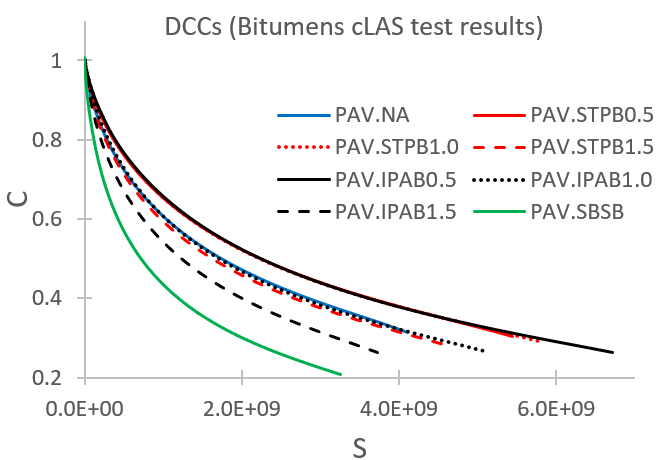
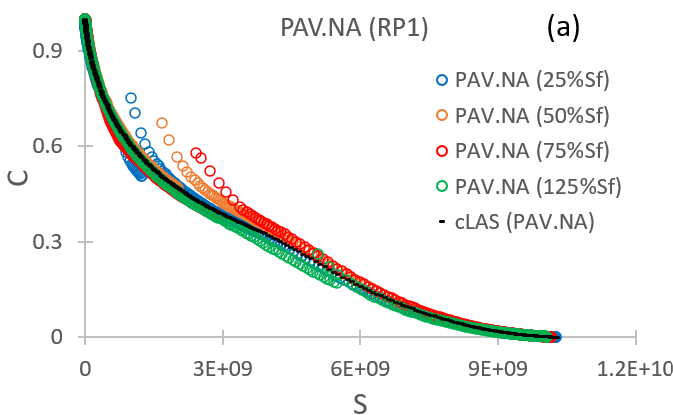
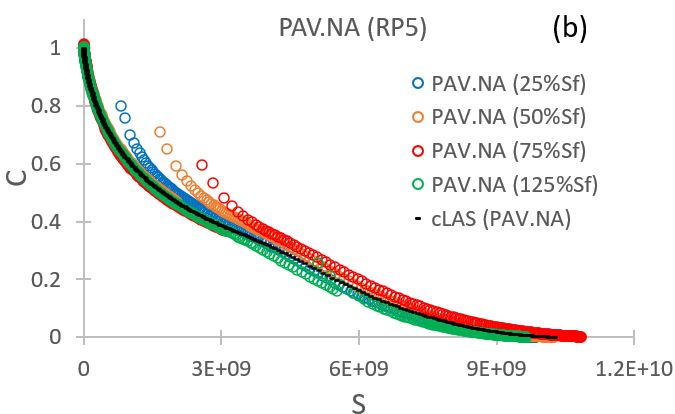


Figure S 5 DCCs of bitumens linked with cLAS test results.

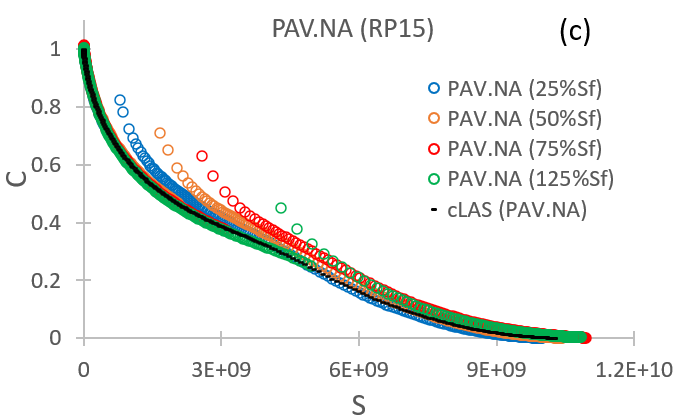
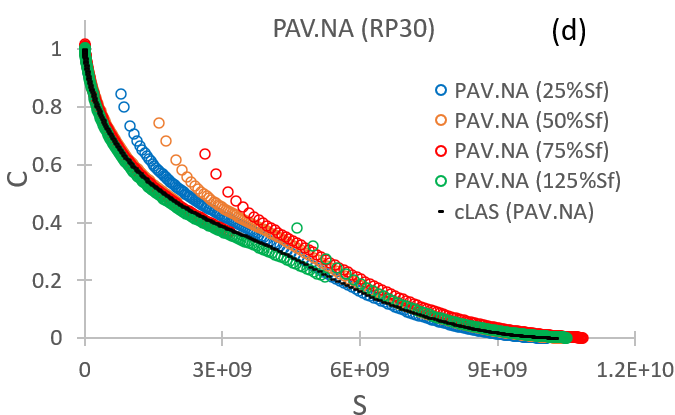
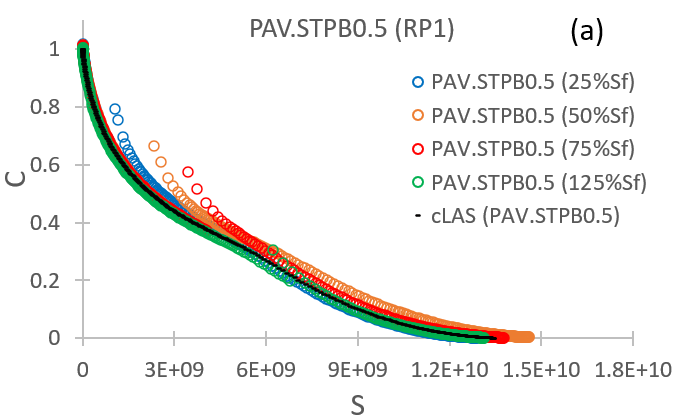
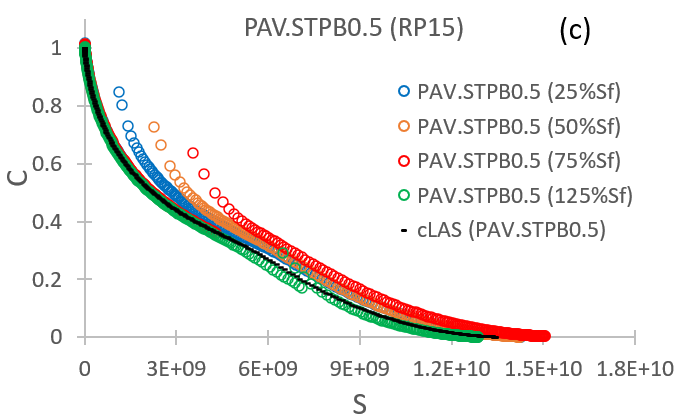
 

Figure S 6 DCCs of NA related to LASH (25%, 50%, 75%, and 125% of Sf) at: (a) RP1; (b) RP5; (c) RP15; (d) RP 30 (including the DCC of cLAS as reference).

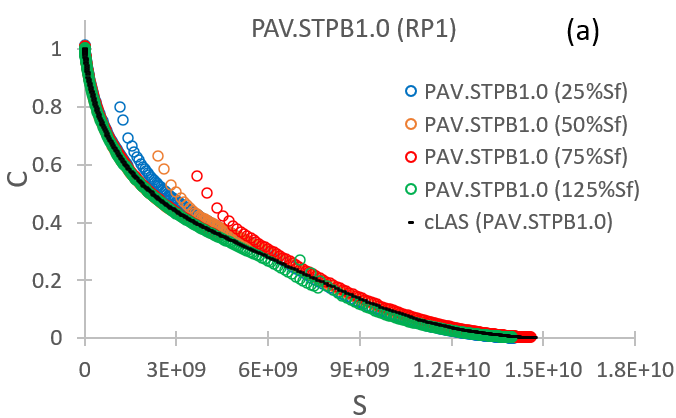
 A graph of different colored lines

Description automatically generated

 A graph of different colored lines

Description automatically generated

Figure S 7 DCCs of STPB0.5 related to LASH (25%, 50%, 75%, and 125% of Sf) at: (a) RP1; (b) RP5; (c) RP15; (d) RP 30 (including the DCC of cLAS as reference).

 A graph of different colored lines

Description automatically generated

A graph of different colored lines

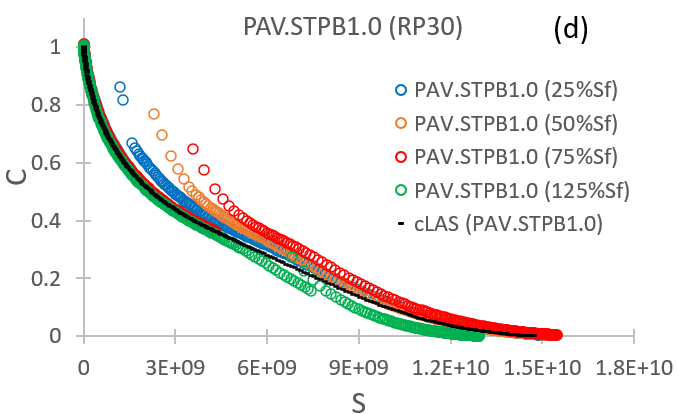
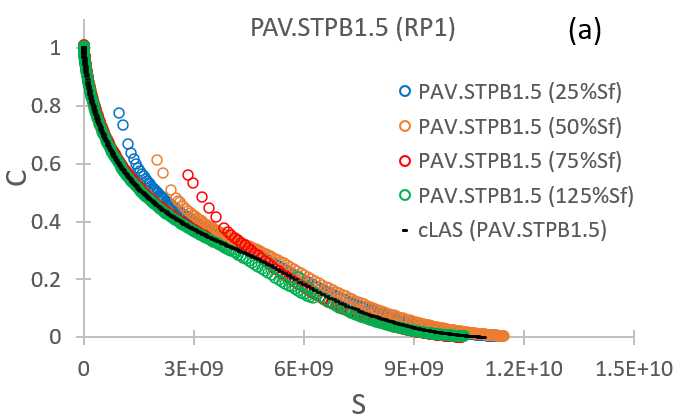
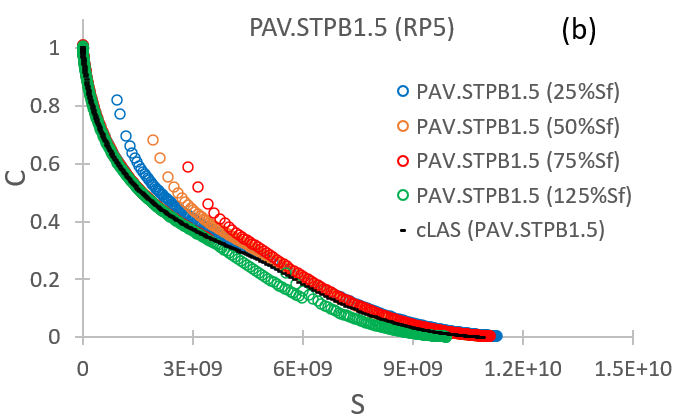
Description automatically generated 

Figure S 8 DCCs of STPB1.0 related to LASH (25%, 50%, 75%, and 125% of Sf) at: (a) RP1; (b) RP5; (c) RP15; (d) RP 30 (including the DCC of cLAS as reference).

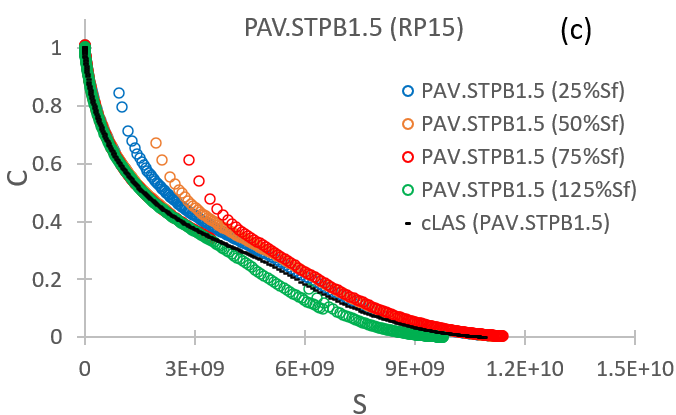
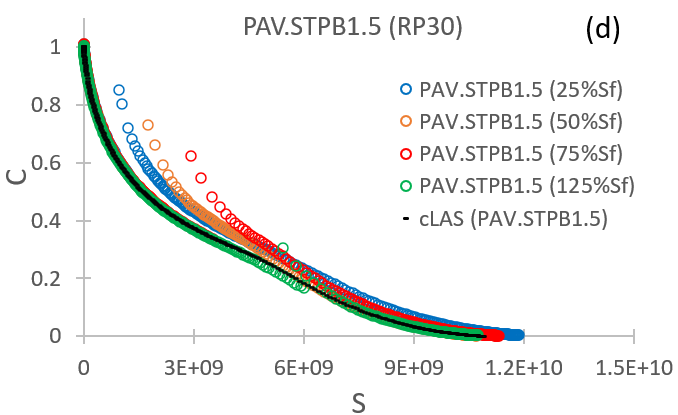
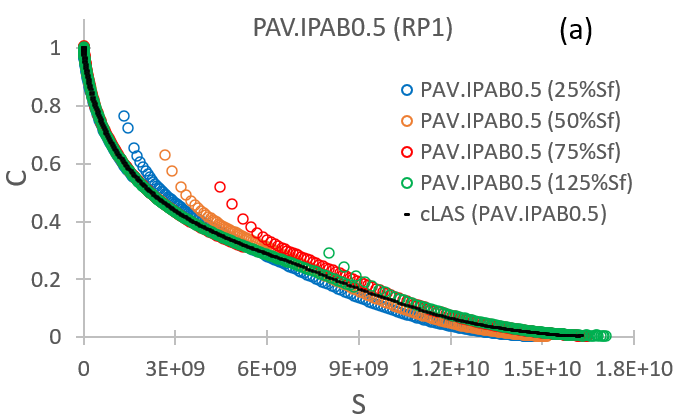
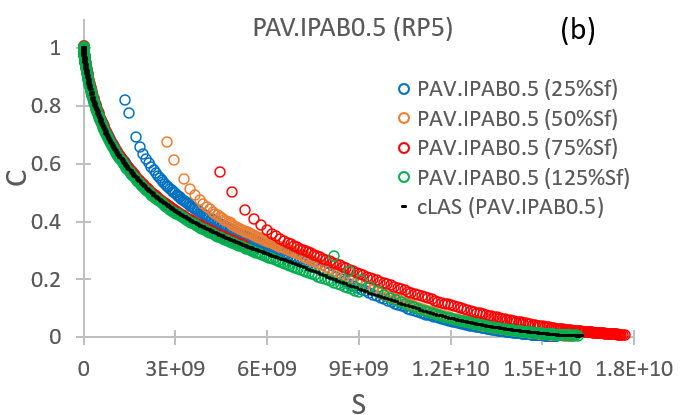
 

Figure S 9 DCCs of STPB1.5 related to LASH (25%, 50%, 75%, and 125% of Sf) at: (a) RP1; (b) RP5; (c) RP15; (d) RP 30 (including the DCC of cLAS as reference).

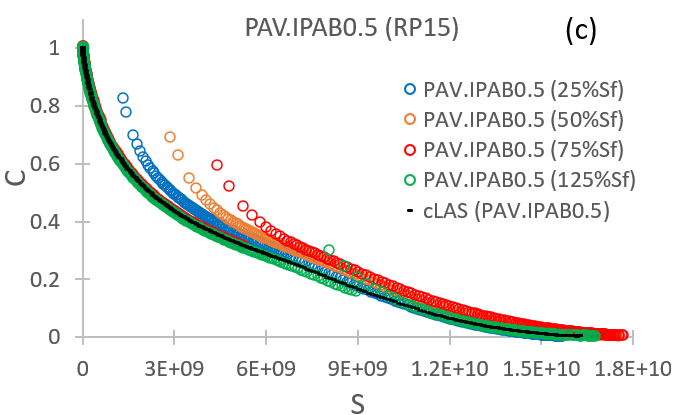
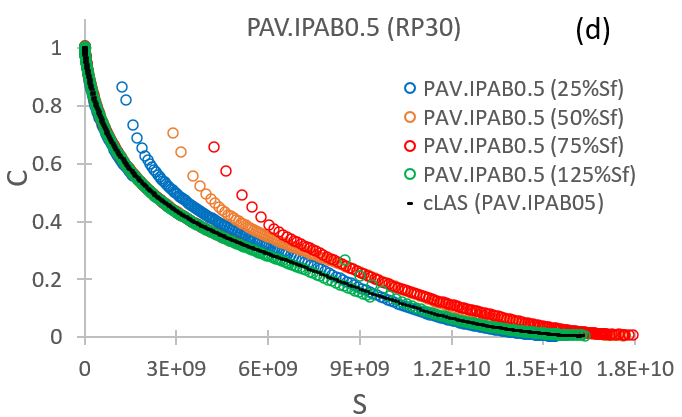
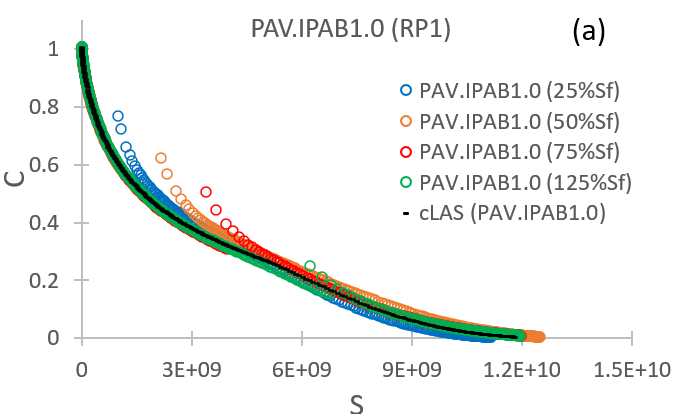
 

Figure S 10 DCCs of IPAB0.5 related to LASH (25%, 50%, 75%, and 125% of Sf) at: (a) RP1; (b) RP5; (c) RP15; (d) RP 30 (including the DCC of cLAS as reference).

 A graph of different colored lines

Description automatically generated

A graph of different colored lines

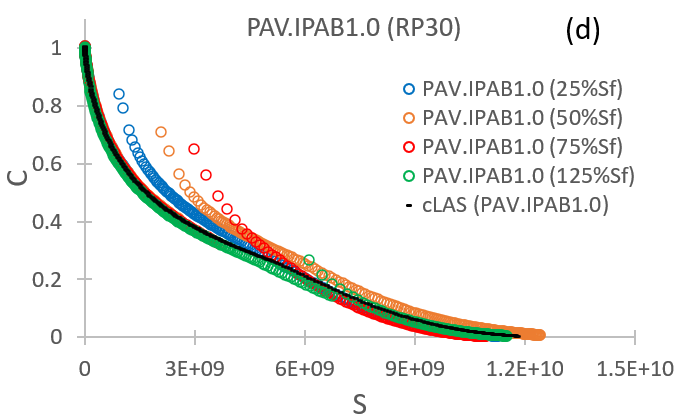
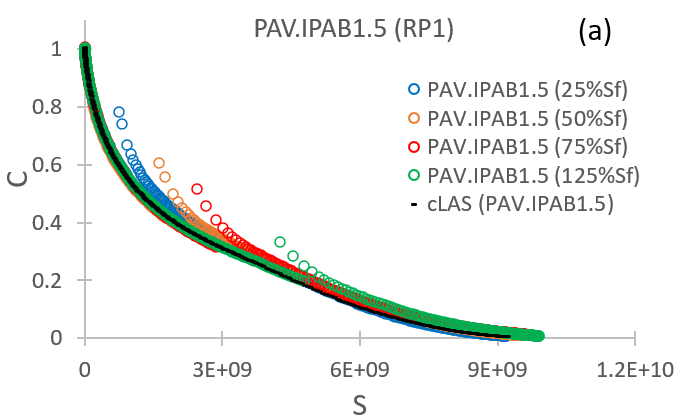
Description automatically generated 

Figure S 11 DCCs of IPAB1.0 related to LASH (25%, 50%, 75%, and 125% of Sf) at: (a) RP1; (b) RP5; (c) RP15; (d) RP 30 (including the DCC of cLAS as reference).

 A graph of different colored lines

Description automatically generated

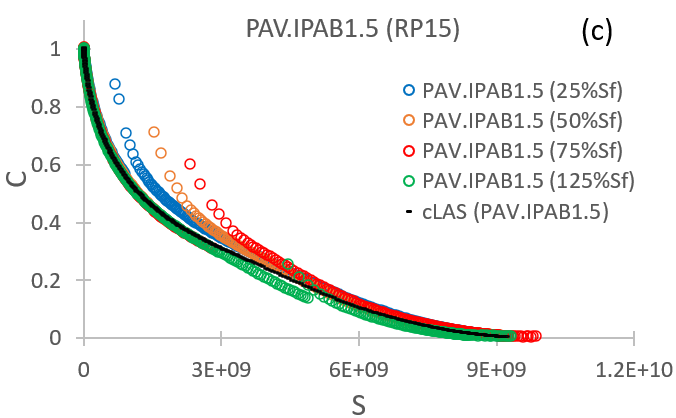
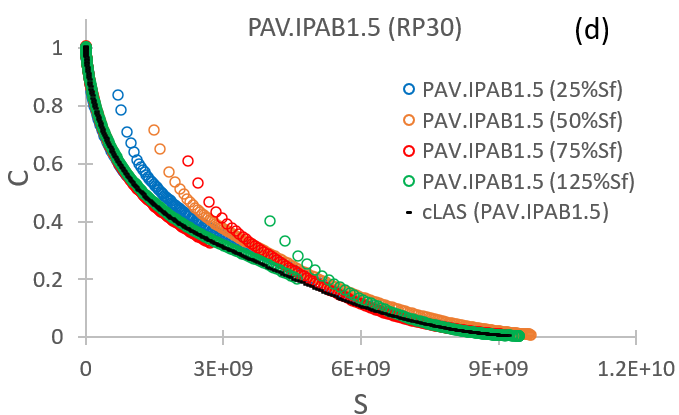
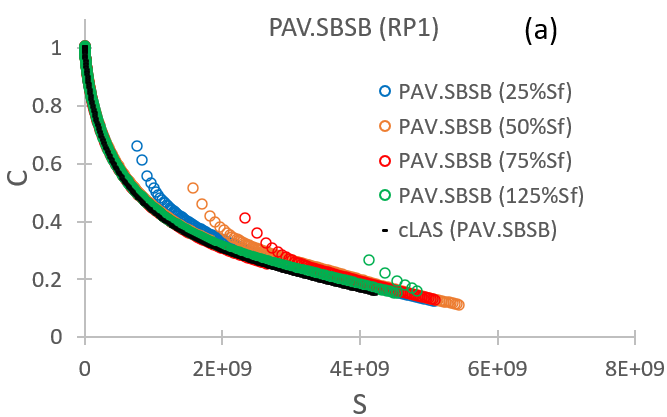
 

Figure S 12 DCCs of IPAB1.0 related to LASH (25%, 50%, 75%, and 125% of Sf) at: (a) RP1; (b) RP5; (c) RP15; (d) RP 30 (including the DCC of cLAS as reference).

 A graph of different colored lines

Description automatically generated

A graph of different colored lines

Description automatically generated A graph of different colored lines

Description automatically generated

Figure S 13 DCCs of IPAB1.0 related to LASH (25%, 50%, 75%, and 125% of Sf) at: (a) RP1; (b) RP5; (c) RP15; (d) RP 30 (including the DCC of cLAS as reference).